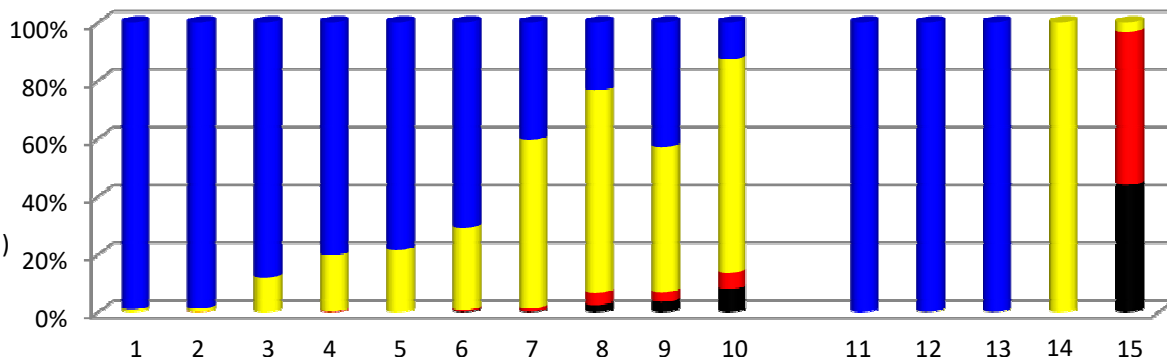


OIL FORENSICS

TRILOGY RESPONSE SHOWING PROPORTIONS OF GRO AND PAH SIGNATURES IN FUELS & OILS



- GRO (BTEX)
- Total PAH (EPH)
- Target PAH
- Heavy PAH

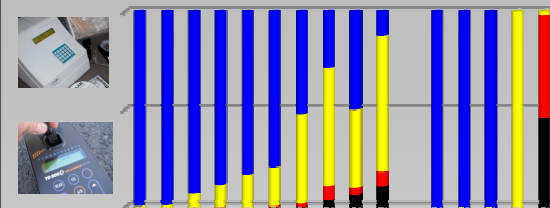


FULL CONCENTRATION RESPONSE AT 1,000,000 PPM

	UVF-3100 GRO	TRILOGY GRO	UVF-3100 EPH	TRILOGY EPH	UVF-3100 PAH	TRILOGY PAH	TD-500D PAH	TRILOGY PAH
1 Gasoline, 87 Octane	290,000	320,000	2,300	3,400	80	0	0	0
2 Gasoline, 93 Octane	510,000	670,000	5,600	8,800	150	300	0	0
3 Jet Fuel	210,000	220,000	15,000	30,000	70	0	0	0
4 Diesel Fuel	280,000	290,000	35,000	70,000	550	600	90	100
5 Heat Transfer Fluid	1,800,000	2,000,000	350,000	550,000	0	0	0	0
6 Vacuum Pump Oil	110,000	100,000	27,000	40,000	700	900	300	300
7 Old Home Heating Oil	230,000	280,000	200,000	400,000	7,000	8,000	1,200	1,300
8 Motor Oil	45,000	67,000	95,000	200,000	11,000	12,000	6,000	7,000
9 Light Crude Oil	100,000	120,000	80,000	140,000	8,000	9,000	12,000	10,000
10 Heavier Crude Oil	70,000	110,000	390,000	640,000	42,000	48,000	60,000	70,000
11 Benzene	290,000	280,000	0	0	0	0	0	0
12 M-Xylene	800,000	840,000	800	800	0	0	0	0
13 O-Xylene	1,330,000	1,360,000	1,300	1,300	0	0	0	0
14 Naphthalene	0	0	200,000	500,000	0	0	0	0
15 Benzo[a]Pyrene	0	0	90,000	180,000	2,800,000	3,000,000	2,400,000	2,500,000



UVF-3100 and TD-500D Hydrocarbon Signatures are Similar



Sitelab's archive contains 20+ years of UVF data. This database can be utilized by the UVF-TRILOGY.

Fluorescence Intensity Showing Trilogy GRO and PAH Concentrations

