

Data Path : P:\HPCHEM1\FID D\Data\FD012618\
 Data File : FD019232.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2018 18:34
 Operator : UA/AJ
 Sample : DIESEL FUEL OIL#2
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 05:59:59 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.367	1889411	23.351 ug/ml
Spiked Amount 50.000		Recovery =	46.70%
6) S 2-Fluorobiphenyl (SURR)	8.253	1036682	18.953 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.91%
11) S ortho-Terphenyl (SURR)	11.240	3657269	36.968 ug/ml
Spiked Amount 50.000		Recovery =	73.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	219194	2.476 ug/ml
2) T Naphthalene (C11.7)	5.718	1373664	15.380 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	5119587	55.765 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3385405	35.703 ug/ml
7) T Acenaphthene (C15.5)	8.354	3016126	30.918 ug/ml
8) T Fluorene (C16.55)	9.113	4778194	50.281 ug/ml
9) T Phenanthrene (C19.36)	10.504	3099624	31.178 ug/ml
10) T Anthracene (C19.43)	10.584	3465345	35.635 ug/ml
12) T Fluoranthene (C21.85)	12.313	935816	8.827 ug/ml
13) T Pyrene (C20.8)	12.608	586441	5.536 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.538f	56187	0.537 ug/ml
15) T Chrysene (C27.41)	14.538	56187	0.520 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.798	85715	0.866 ug/ml
20) T Dibenzo[<i>a,h</i>]anthracene...	17.798	85715	0.748 ug/ml

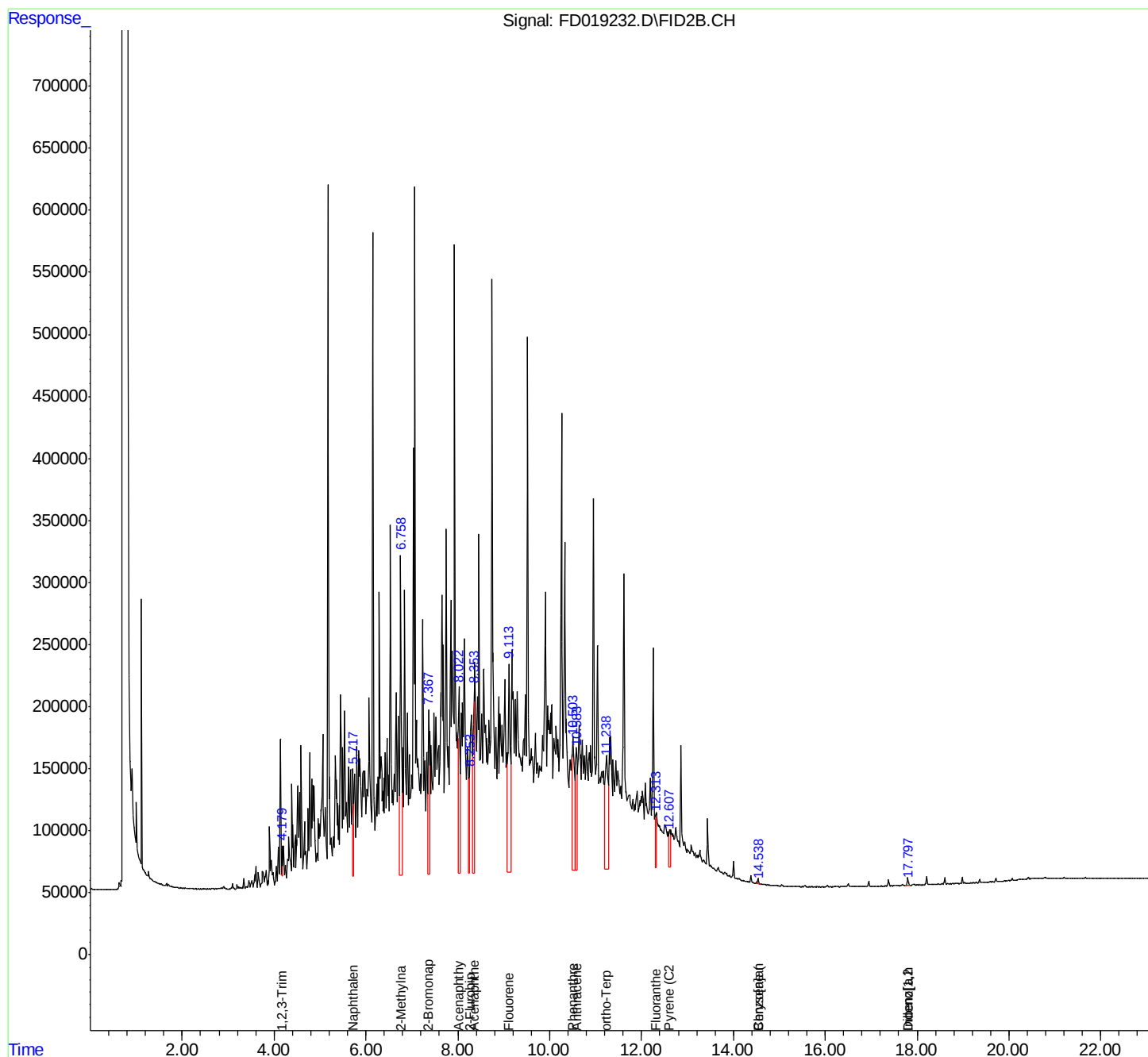
(f)=RT Delta > 1/2 Window

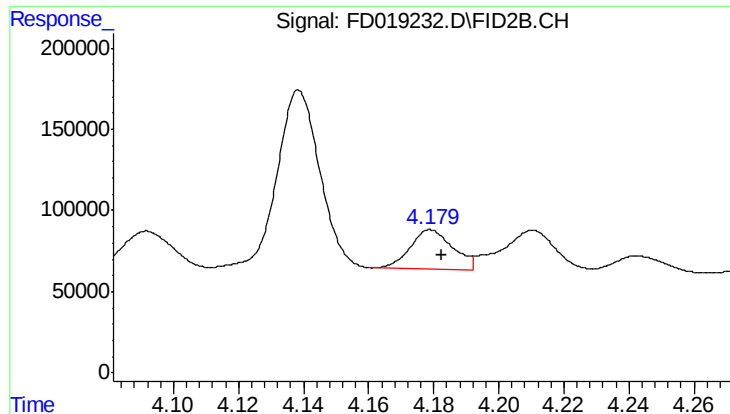
(m)=manual int.

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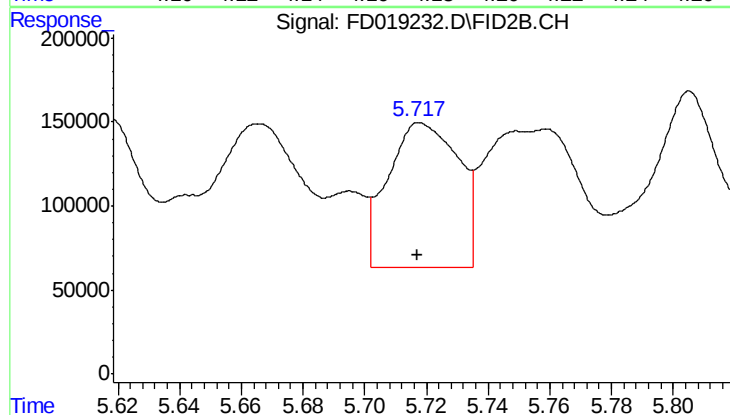
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





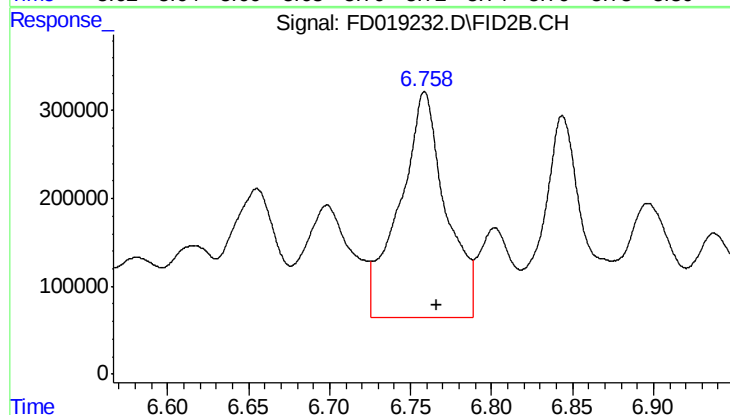
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.179 min
Delta R.T.: -0.003 min
Response: 219194
Conc: 2.48 ug/ml



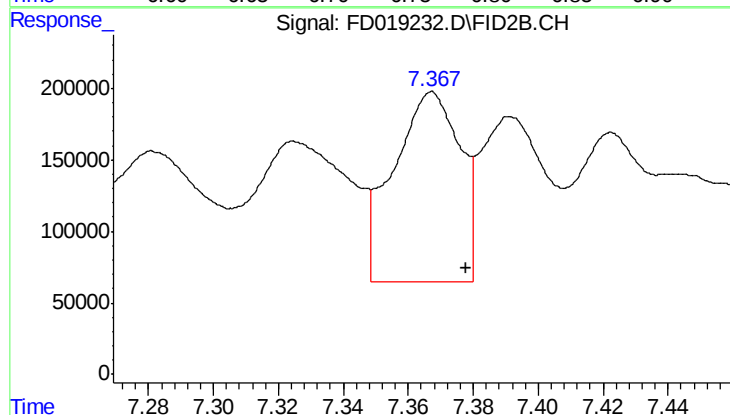
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 1373664
Conc: 15.38 ug/ml



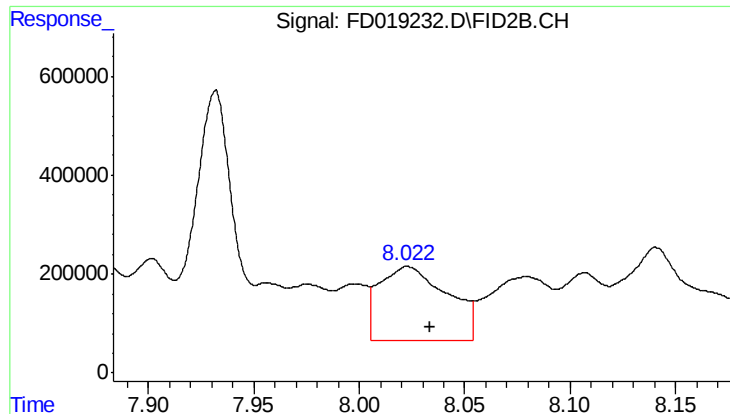
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.008 min
Response: 5119587
Conc: 55.76 ug/ml



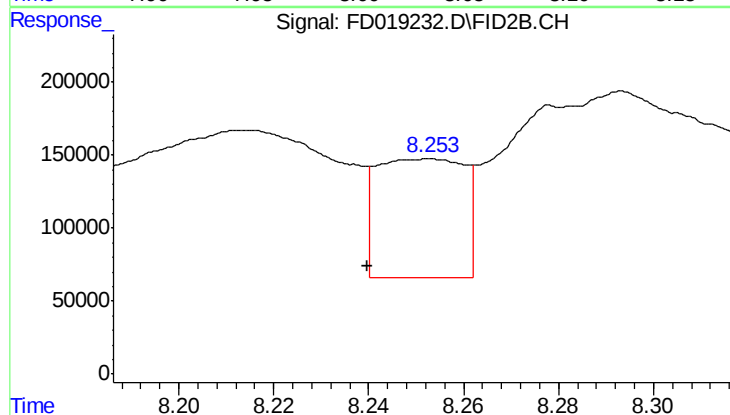
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.010 min
Response: 1889411
Conc: 23.35 ug/ml



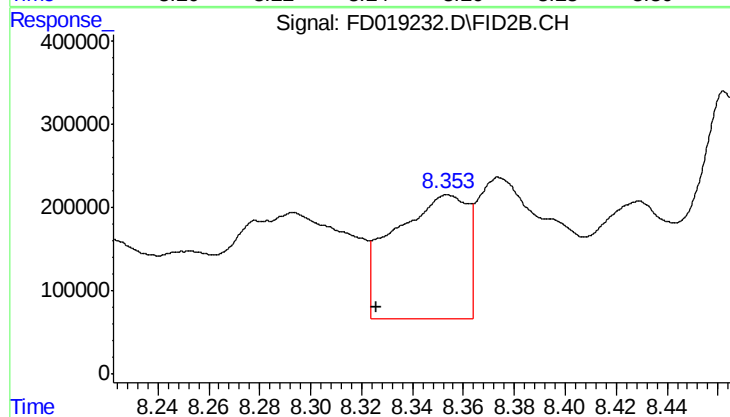
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 3385405
Conc: 35.70 ug/ml



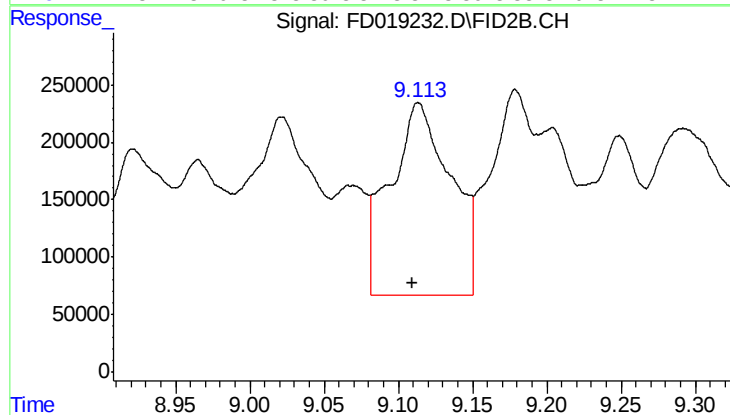
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.253 min
Delta R.T.: 0.013 min
Response: 1036682
Conc: 18.95 ug/ml



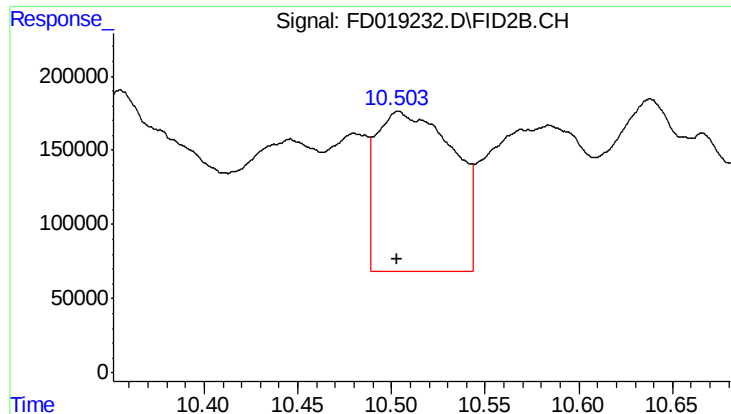
#7 Acenaphthene (C15.5)

R.T.: 8.354 min
Delta R.T.: 0.028 min
Response: 3016126
Conc: 30.92 ug/ml



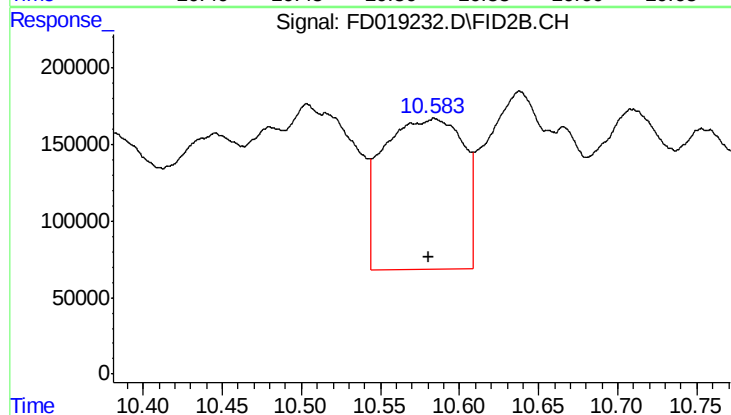
#8 Fluorene (C16.55)

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 4778194
Conc: 50.28 ug/ml



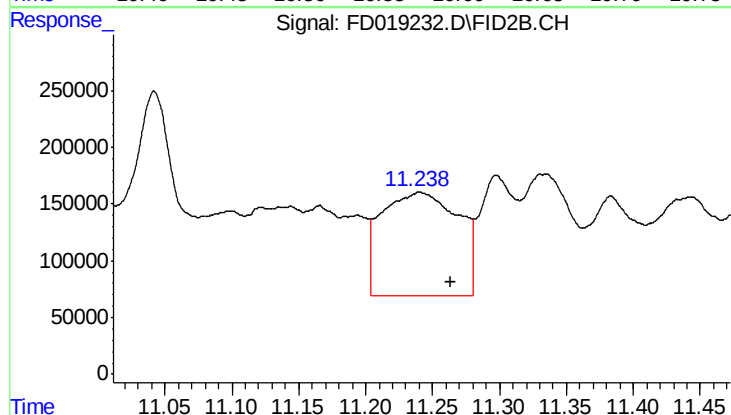
#9 Phenanthrene (C19.36)

R.T.: 10.504 min
Delta R.T.: 0.000 min
Response: 3099624
Conc: 31.18 ug/ml



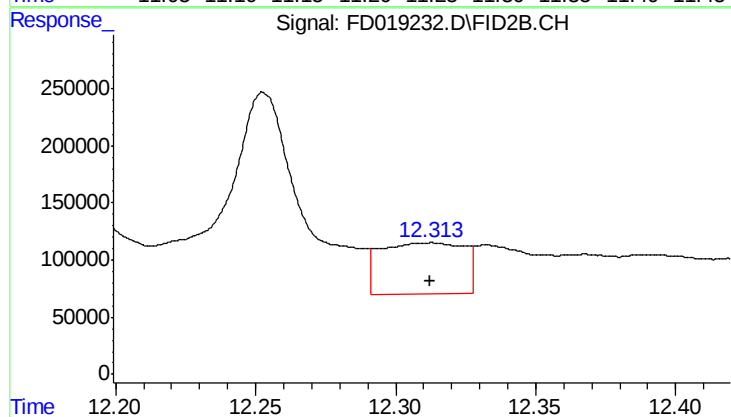
#10 Anthracene (C19.43)

R.T.: 10.584 min
Delta R.T.: 0.004 min
Response: 3465345
Conc: 35.64 ug/ml



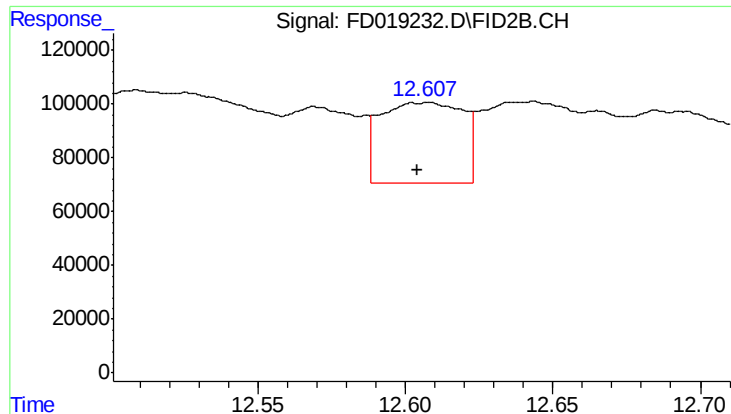
#11 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: -0.023 min
Response: 3657269
Conc: 36.97 ug/ml



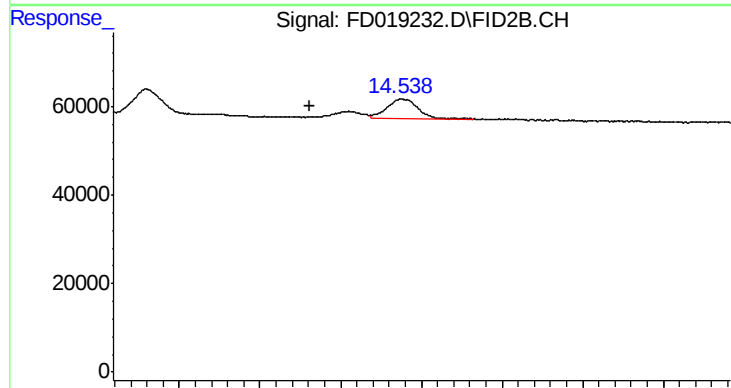
#12 Fluoranthene (C21.85)

R.T.: 12.313 min
Delta R.T.: 0.000 min
Response: 935816
Conc: 8.83 ug/ml



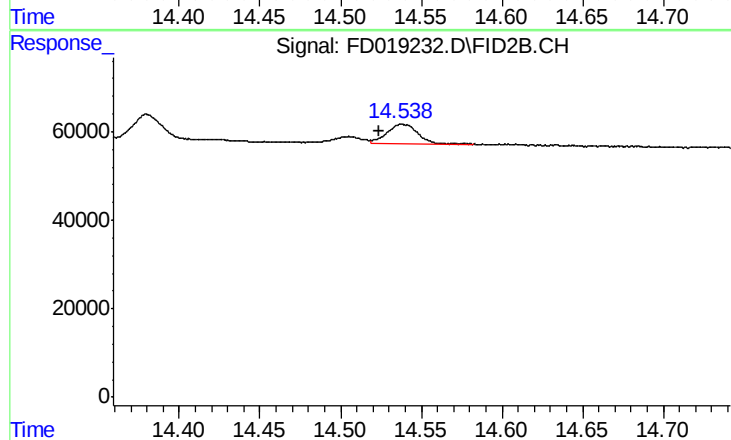
#13 Pyrene (C20.8)

R.T.: 12.608 min
 Delta R.T.: 0.004 min
 Response: 586441
 Conc: 5.54 ug/ml



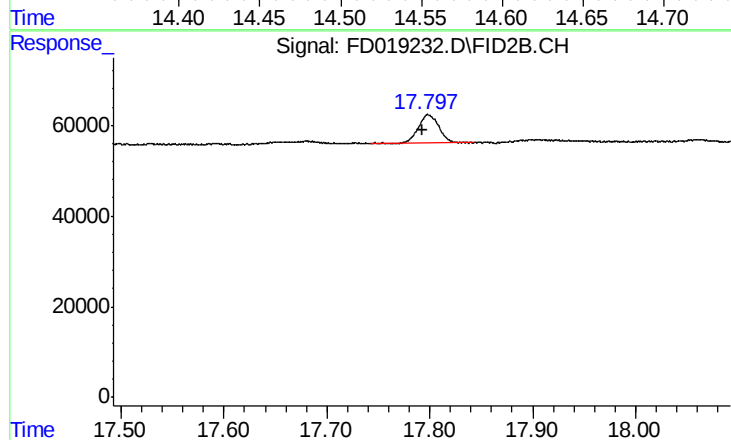
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
 Delta R.T.: 0.057 min
 Response: 56187
 Conc: 0.54 ug/ml



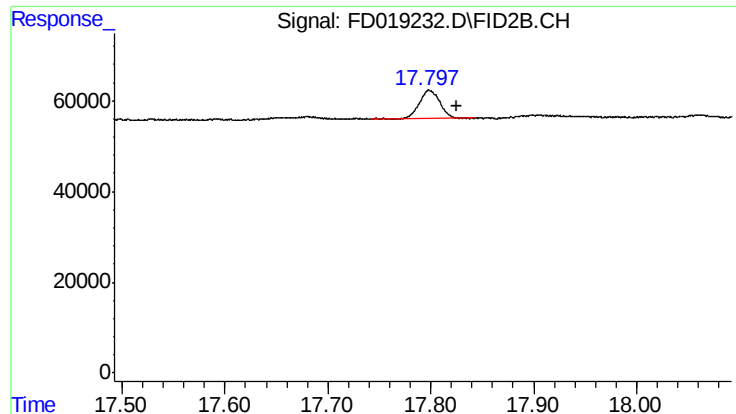
#15 Chrysene (C27.41)

R.T.: 14.538 min
 Delta R.T.: 0.014 min
 Response: 56187
 Conc: 0.52 ug/ml



#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
 Delta R.T.: 0.005 min
 Response: 85715
 Conc: 0.87 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.798 min
Delta R.T.: -0.027 min
Response: 85715
Conc: 0.75 ug/ml