

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025001.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 6:35
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 01
 Misc : FOR SJ
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 10:11:00 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 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...	7.476	6084452	66.513 ug/ml
Spiked Amount 50.000		Recovery =	133.03%
6) S 2-Fluorobiphenyl (SURR)	8.331	2633643	41.525 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.05%
11) S ortho-Terphenyl (SURR)	11.384	6953044	69.284 ug/ml
Spiked Amount 50.000		Recovery =	138.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	2754743	29.641 ug/ml
2) T Naphthalene (C11.7)	5.807	4605957	45.391 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	5518805	54.280 ug/ml
5) T Acenaphthylene (C15.06)	8.137	6359463	63.691 ug/ml
7) T Acenaphthene (C15.5)	8.434	6399783	61.265 ug/ml
8) T Flouorene (C16.55)	9.216	7165866	68.583 ug/ml
9) T Phenanthrene (C19.36)	10.612	7537450	73.310 ug/ml
10) T Anthracene (C19.43)	10.687	7544961	74.006 ug/ml
12) T Fluoranthene (C21.85)	12.424	7880427	79.032 ug/ml
13) T Pyrene (C20.8)	12.720	7748838	77.926 ug/ml
14) T Benzo[a]anthracene (C...	14.594	7938307	84.558 ug/ml
15) T Chrysene (C27.41)	14.640	7833272	82.802 ug/ml
16) T benzo[b]fluoranthene ...	16.144	8045499	77.802 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	8045499	76.243 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	7917658	76.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.891	7811453	73.286 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	7533932	72.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	7576034	71.327 ug/ml

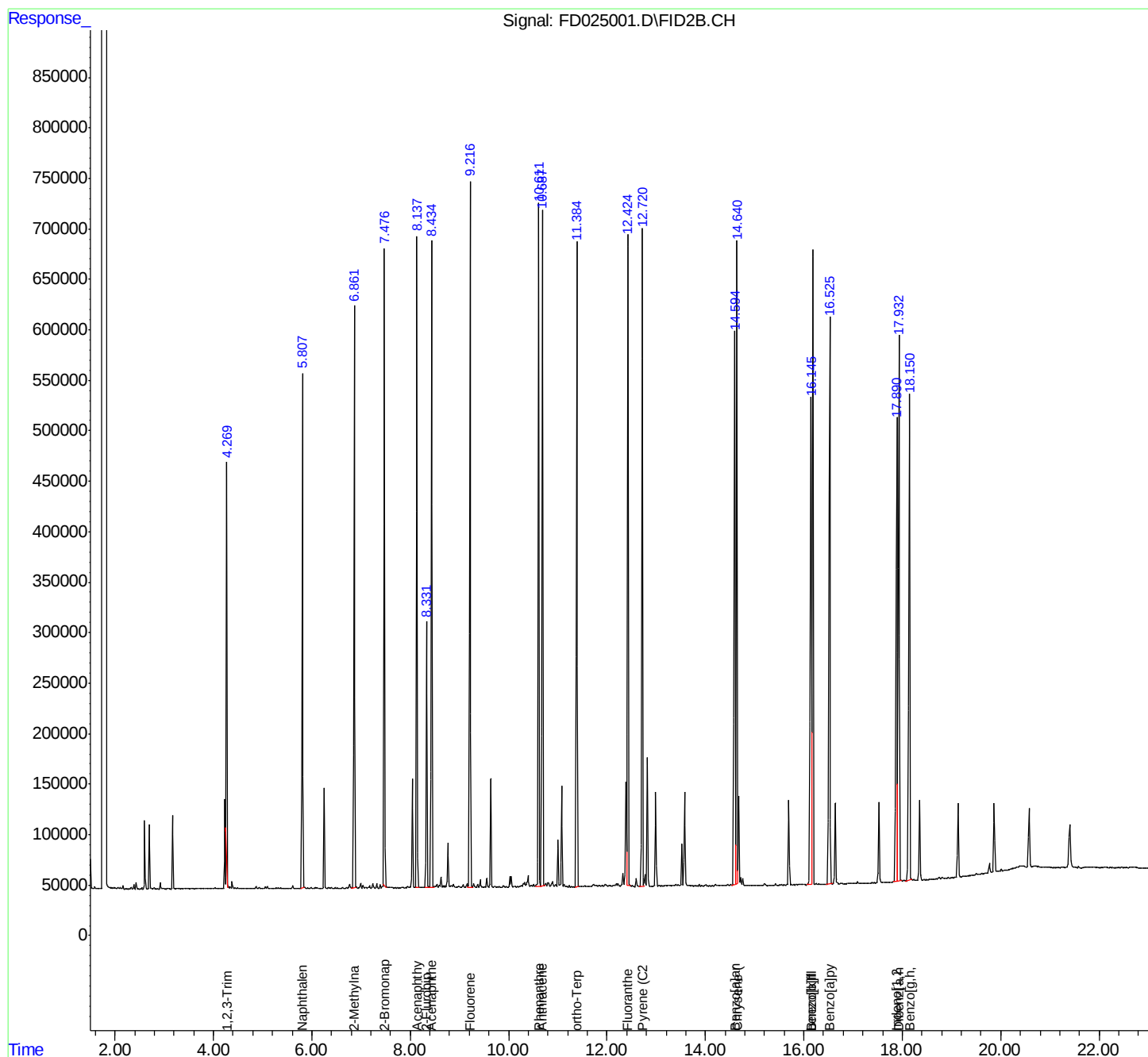
(f)=RT Delta > 1/2 Window

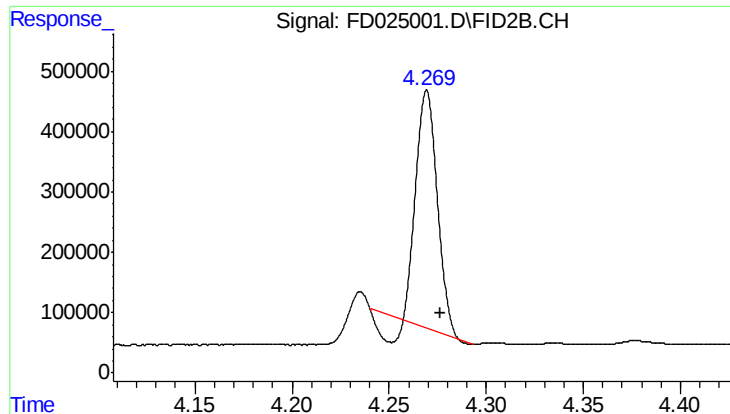
(m)=manual int.

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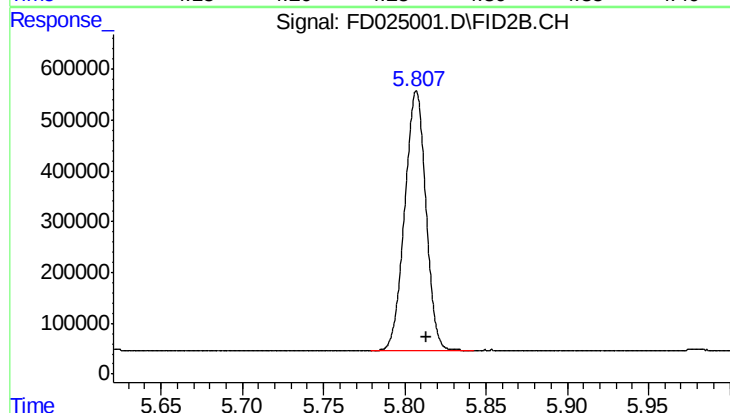
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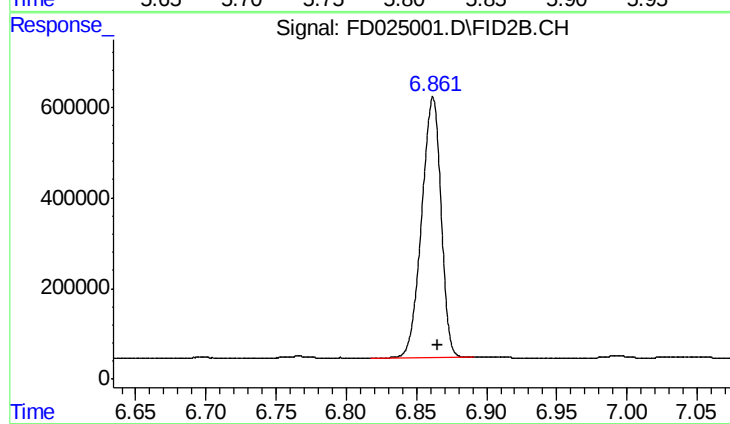
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: -0.007 min
Response: 2754743
Conc: 29.64 ug/ml



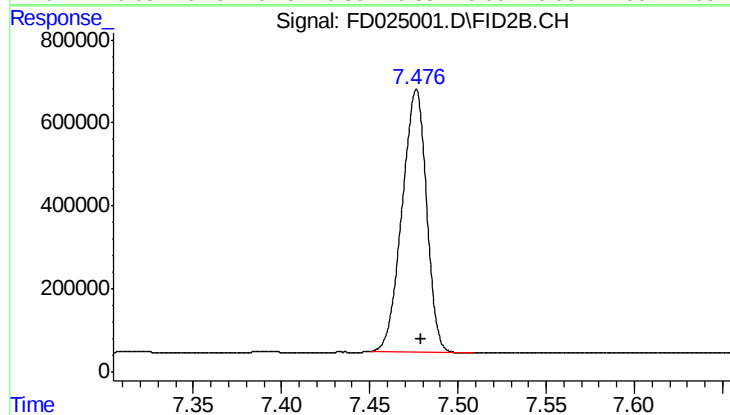
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 4605957
Conc: 45.39 ug/ml



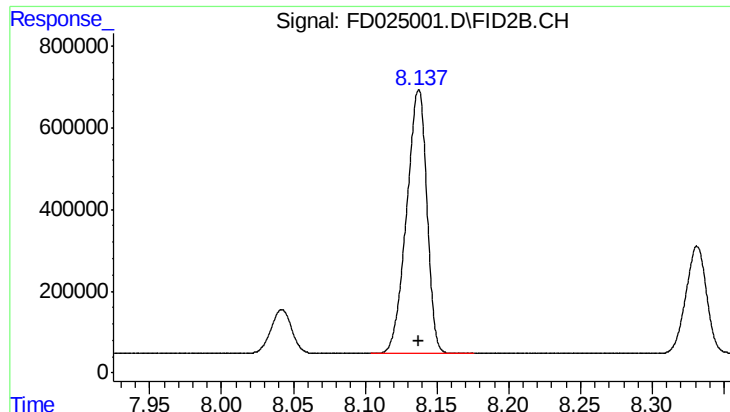
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 5518805
Conc: 54.28 ug/ml



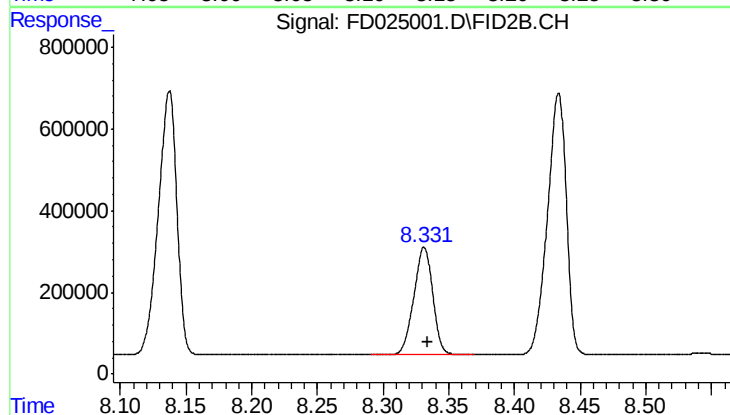
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.003 min
Response: 6084452
Conc: 66.51 ug/ml



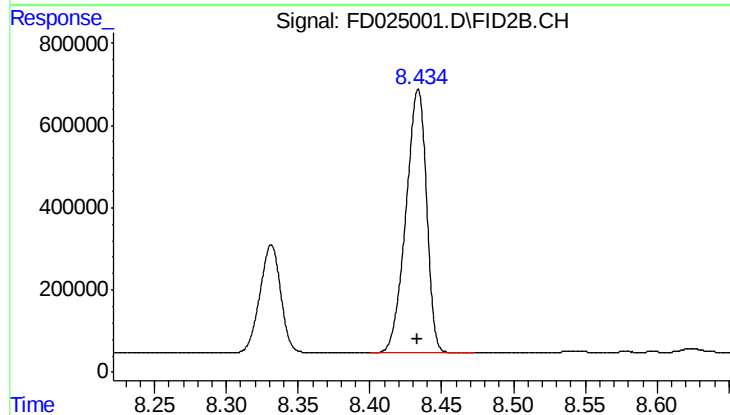
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 6359463
Conc: 63.69 ug/ml



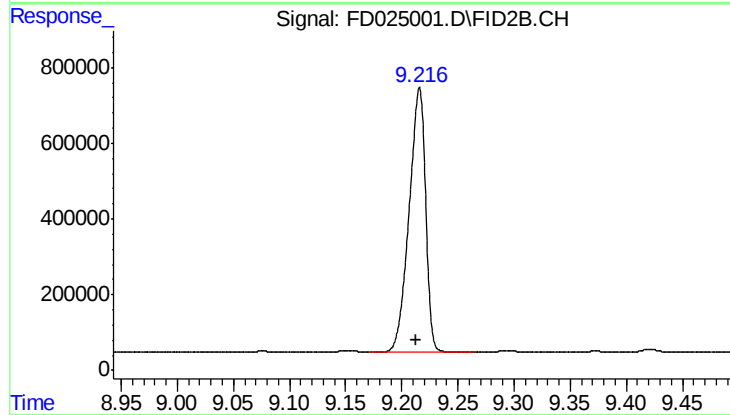
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 2633643
Conc: 41.53 ug/ml



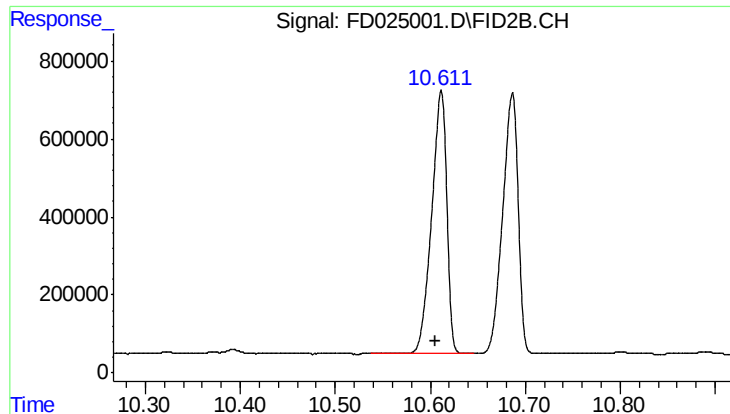
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 6399783
Conc: 61.27 ug/ml



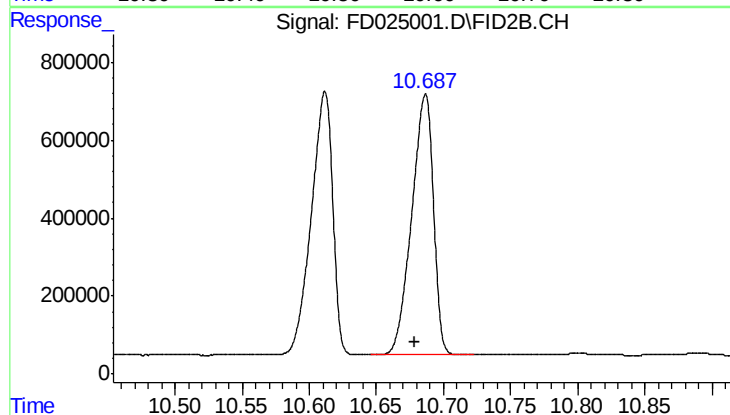
#8 Fluorene (C16.55)

R.T.: 9.216 min
Delta R.T.: 0.003 min
Response: 7165866
Conc: 68.58 ug/ml



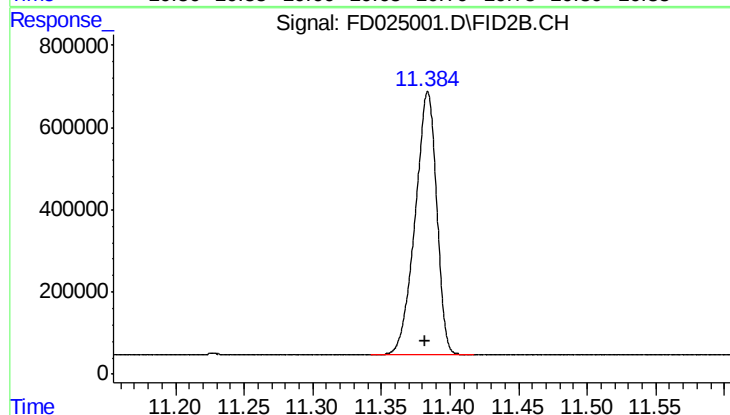
#9 Phenanthrene (C19.36)

R.T.: 10.612 min
Delta R.T.: 0.006 min
Response: 7537450
Conc: 73.31 ug/ml



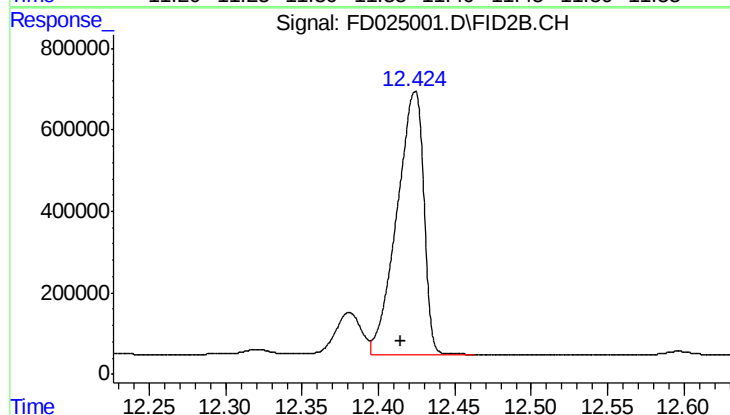
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: 0.008 min
Response: 7544961
Conc: 74.01 ug/ml



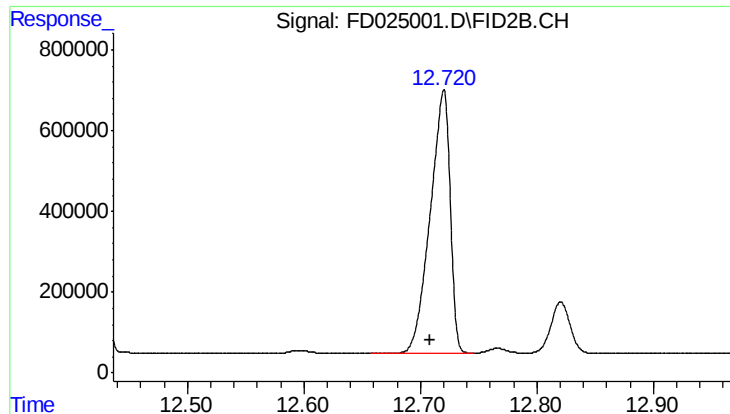
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: 0.002 min
Response: 6953044
Conc: 69.28 ug/ml



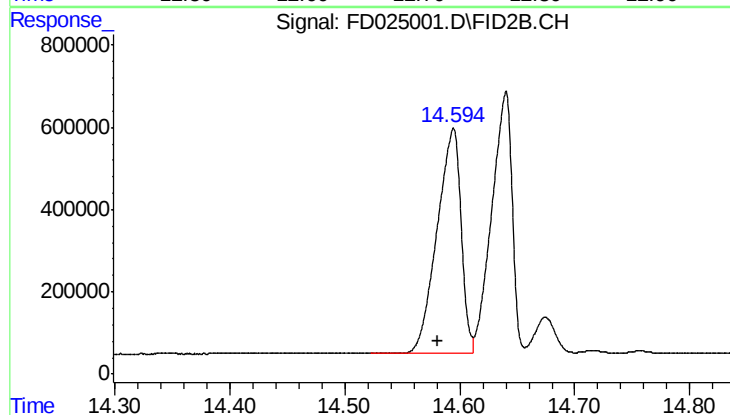
#12 Fluoranthene (C21.85)

R.T.: 12.424 min
Delta R.T.: 0.010 min
Response: 7880427
Conc: 79.03 ug/ml



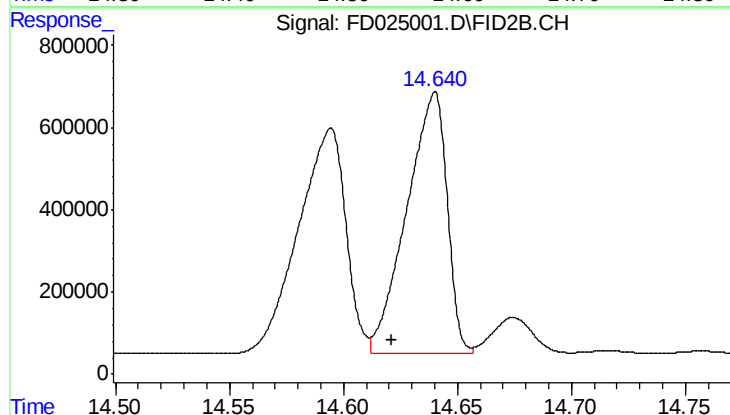
#13 Pyrene (C20.8)

R.T.: 12.720 min
Delta R.T.: 0.011 min
Response: 7748838
Conc: 77.93 ug/ml



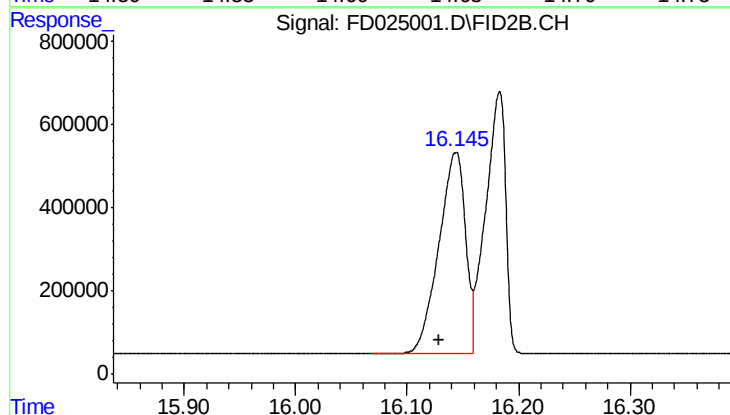
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.014 min
Response: 7938307
Conc: 84.56 ug/ml



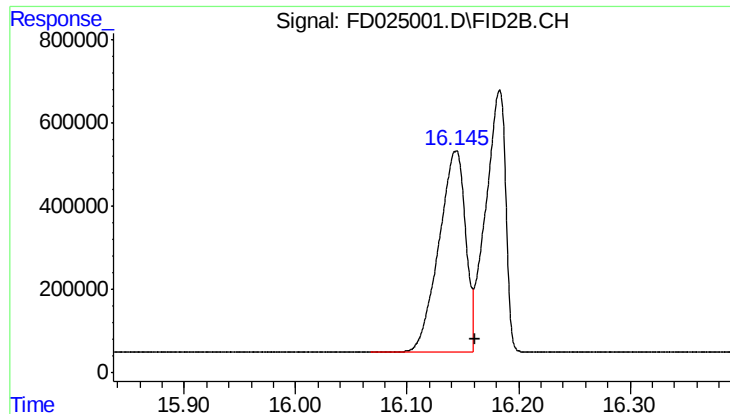
#15 Chrysene (C27.41)

R.T.: 14.640 min
Delta R.T.: 0.019 min
Response: 7833272
Conc: 82.80 ug/ml



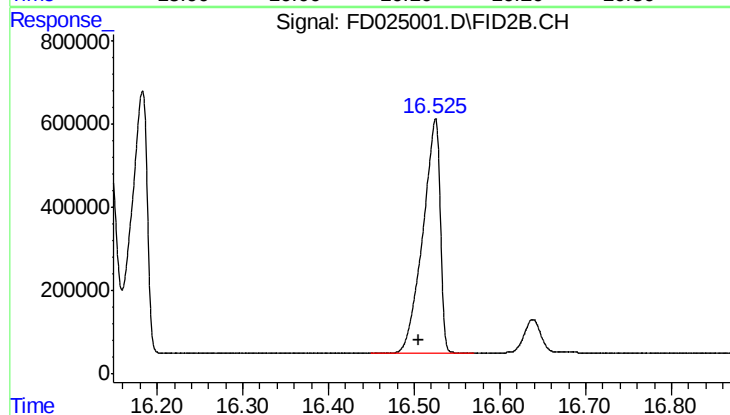
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.144 min
Delta R.T.: 0.016 min
Response: 8045499
Conc: 77.80 ug/ml



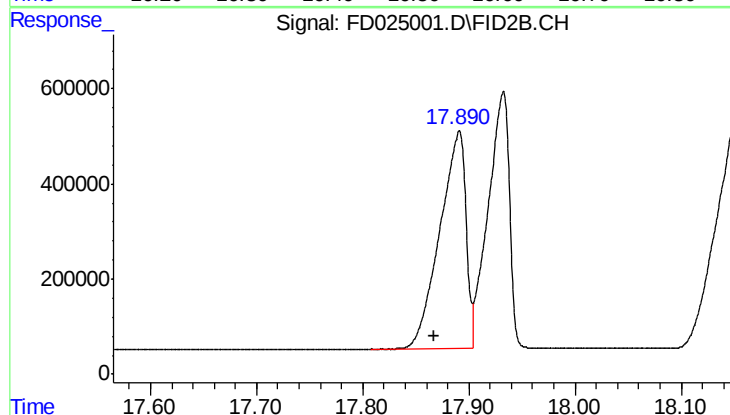
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.144 min
Delta R.T.: -0.017 min
Response: 8045499
Conc: 76.24 ug/ml



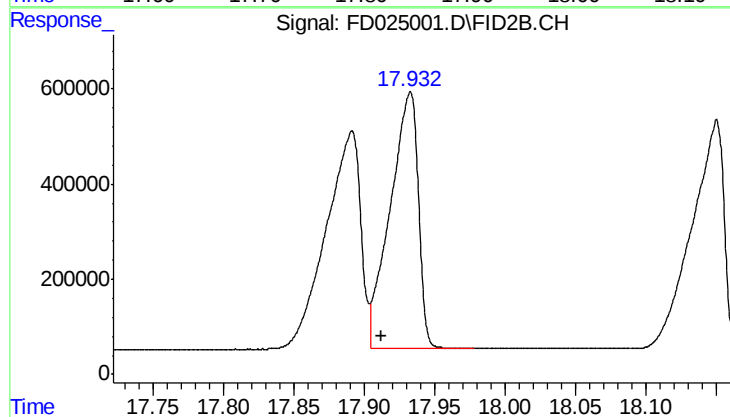
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: 0.020 min
Response: 7917658
Conc: 76.19 ug/ml



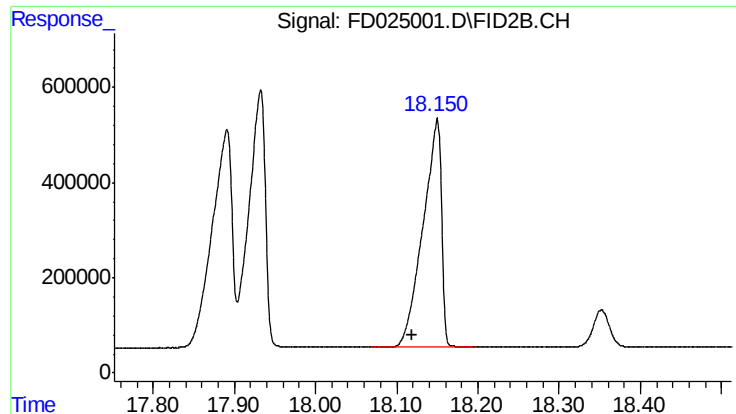
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.891 min
Delta R.T.: 0.024 min
Response: 7811453
Conc: 73.29 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.021 min
Response: 7533932
Conc: 72.03 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.150 min
Delta R.T.: 0.031 min
Response: 7576034
Conc: 71.33 ug/ml