

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025004.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 8:28
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 03
 Misc : FOR SJ
 ALS Vial : 76 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 13 10:17:57 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...	7.477	5230243	57.175 ug/ml
Spiked Amount 50.000		Recovery =	114.35%
6) S 2-Fluorobiphenyl (SURR)	8.333	3505484	55.272 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	110.54%
11) S ortho-Terphenyl (SURR)	11.381	5438244	54.190 ug/ml
Spiked Amount 50.000		Recovery =	108.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	4134376	44.485 ug/mlm
2) T Naphthalene (C11.7)	5.808	4914332	48.430 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	5139143	50.546 ug/ml
5) T Acenaphthylene (C15.06)	8.136	5079818	50.875 ug/ml
7) T Acenaphthene (C15.5)	8.433	5293231	50.672 ug/ml
8) T Flouorene (C16.55)	9.213	5407313	51.752 ug/ml
9) T Phenanthrene (C19.36)	10.608	5748739	55.912 ug/ml
10) T Anthracene (C19.43)	10.684	5720567	56.111 ug/ml
12) T Fluoranthene (C21.85)	12.420	6056940	60.745 ug/ml
13) T Pyrene (C20.8)	12.716	6000296	60.342 ug/ml
14) T Benzo[a]anthracene (C...	14.590	6210271	66.151 ug/ml
15) T Chrysene (C27.41)	14.635	6114807	64.637 ug/ml
16) T benzo[b]fluoranthene ...	16.141	6243565	60.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.177	6096252	57.771 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	6146899	59.150 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	6018280	56.463 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	5966397	57.046 ug/ml
21) T Benzo[g,h,i]perylene ...	18.143	5992142	56.415 ug/ml

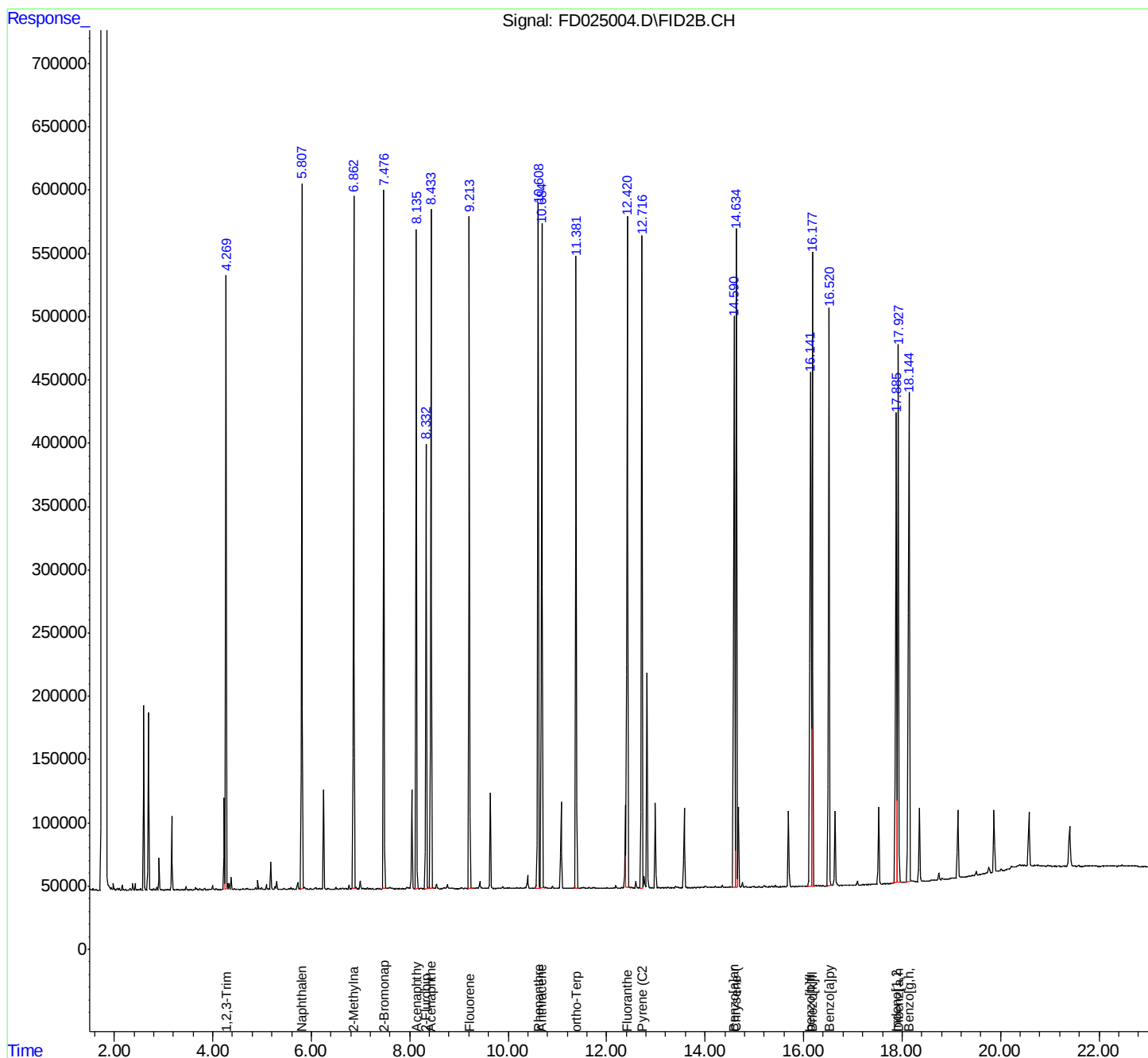
(f)=RT Delta > 1/2 Window

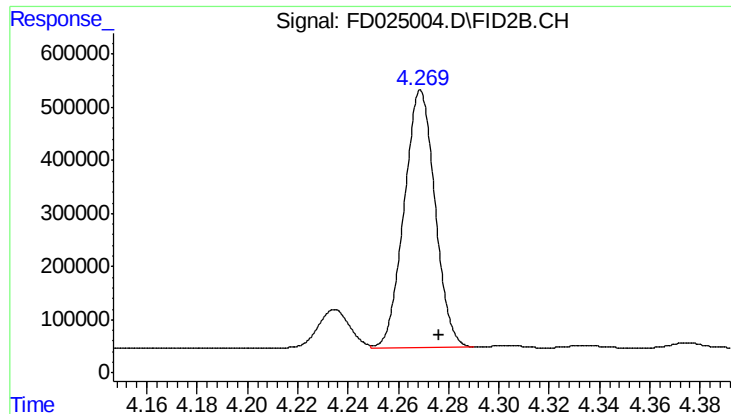
(m)=manual int.

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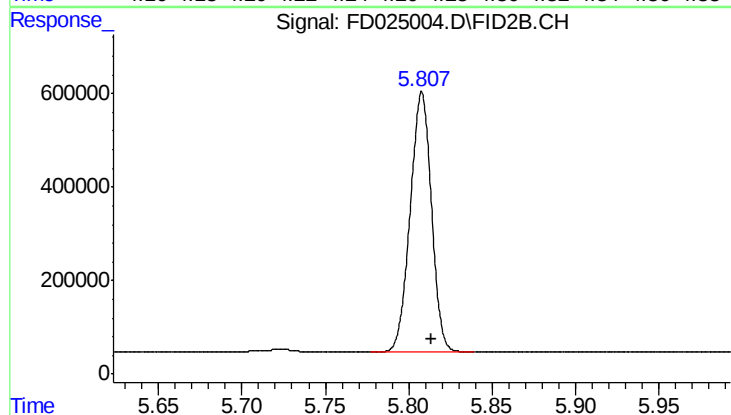
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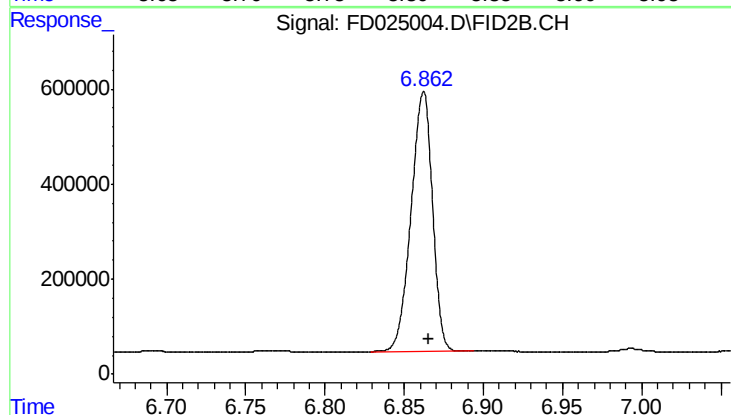
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.008 min
Response: 4134376
Conc: 44.49 ug/ml m



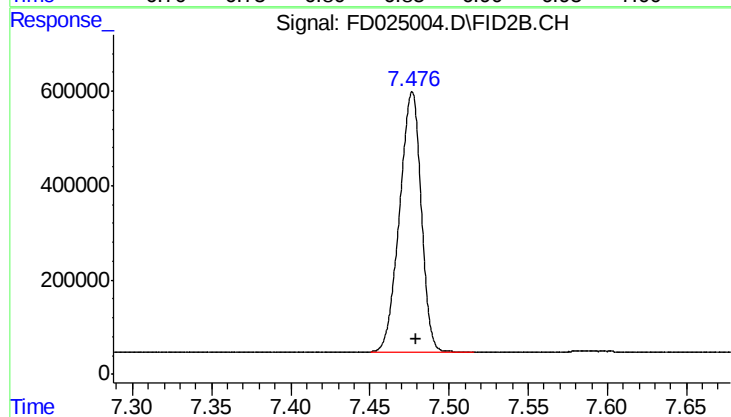
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 4914332
Conc: 48.43 ug/ml



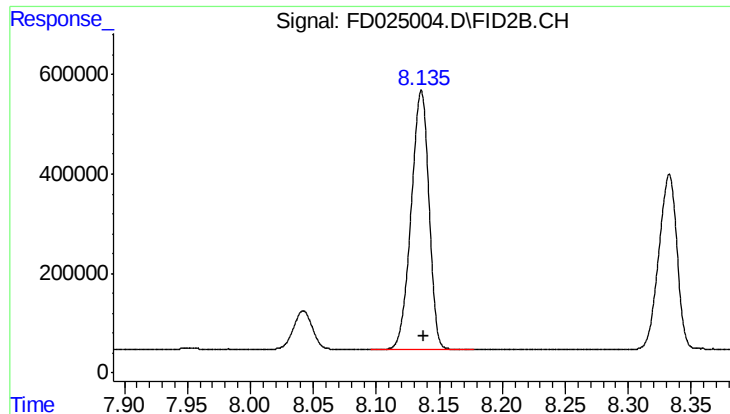
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 5139143
Conc: 50.55 ug/ml



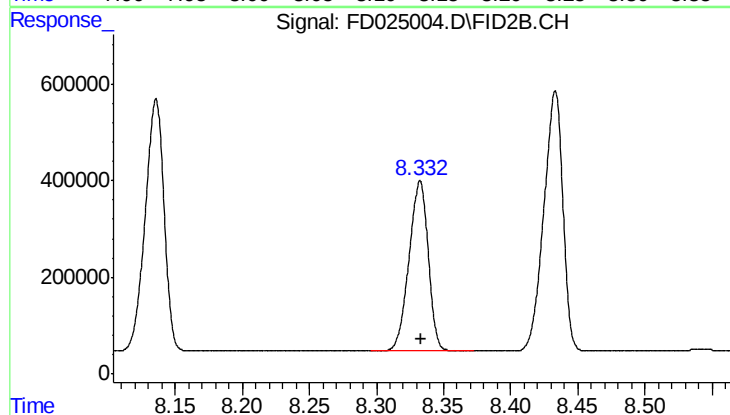
#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: -0.003 min
Response: 5230243
Conc: 57.17 ug/ml



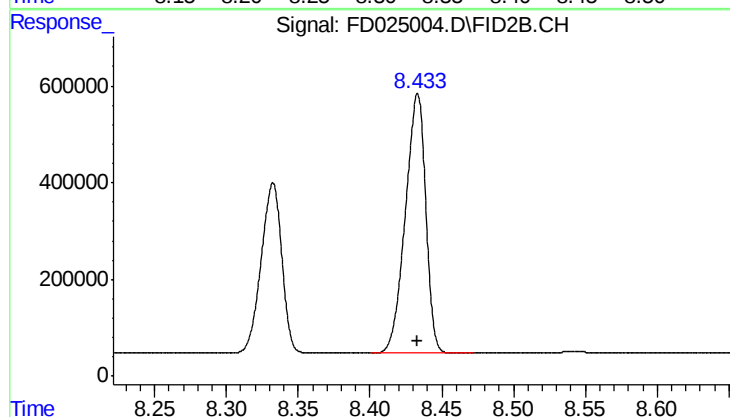
#5 Acenaphthylene (C15.06)

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 5079818
Conc: 50.88 ug/ml



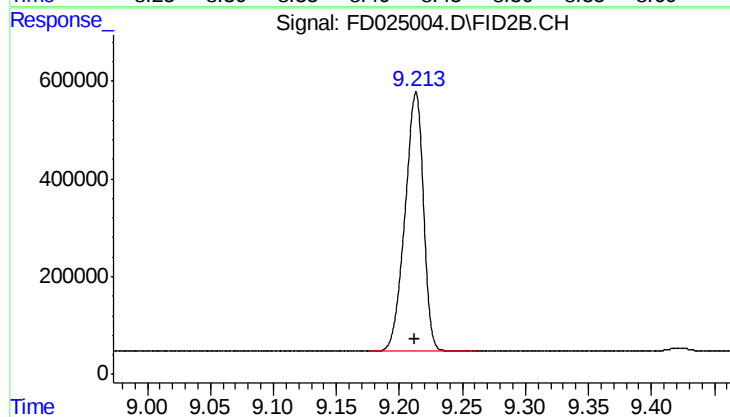
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.001 min
Response: 3505484
Conc: 55.27 ug/ml



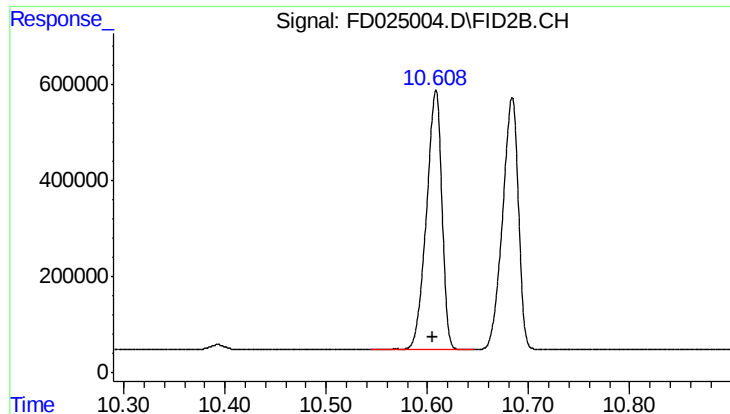
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 5293231
Conc: 50.67 ug/ml



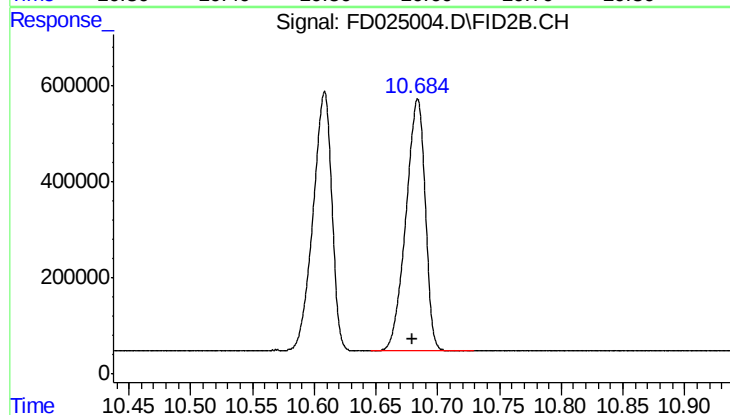
#8 Fluorene (C16.55)

R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 5407313
Conc: 51.75 ug/ml



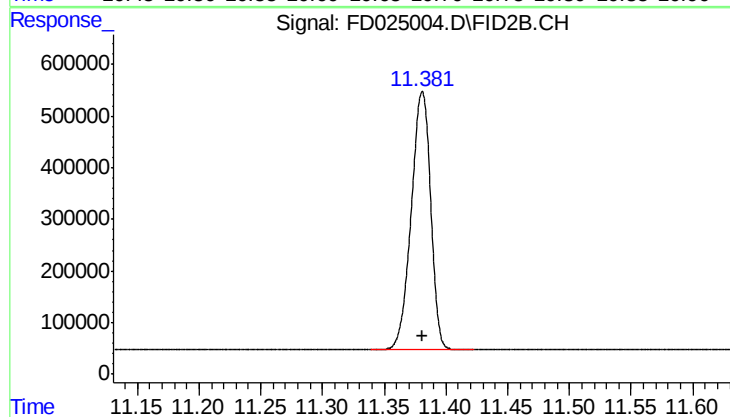
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: 0.003 min
Response: 5748739
Conc: 55.91 ug/ml



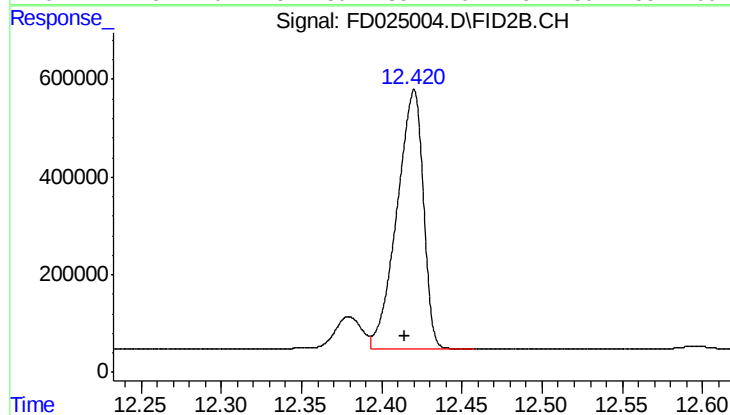
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: 0.005 min
Response: 5720567
Conc: 56.11 ug/ml



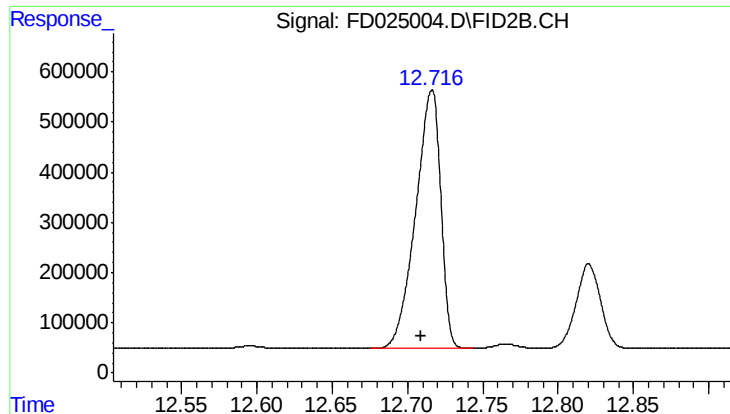
#11 ortho-Terphenyl (SURRE)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 5438244
Conc: 54.19 ug/ml



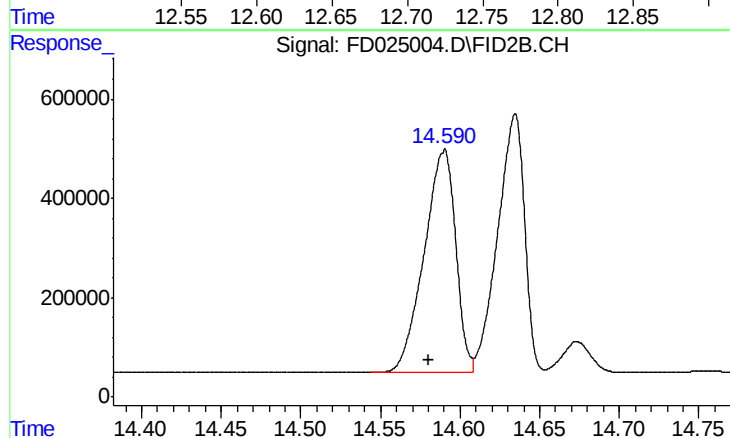
#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: 0.006 min
Response: 6056940
Conc: 60.74 ug/ml



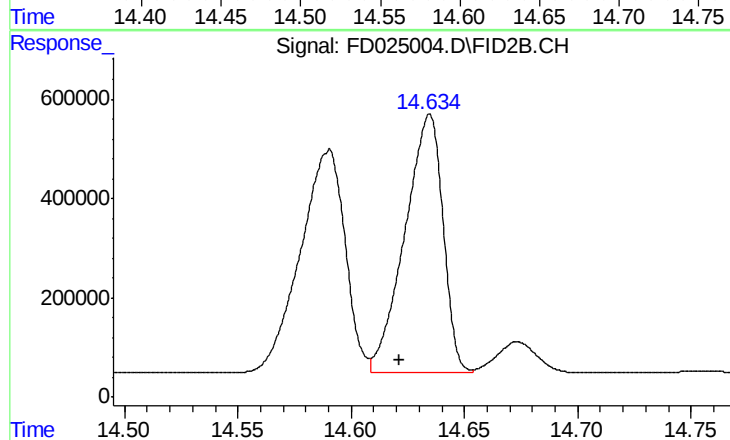
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: 0.007 min
Response: 6000296
Conc: 60.34 ug/ml



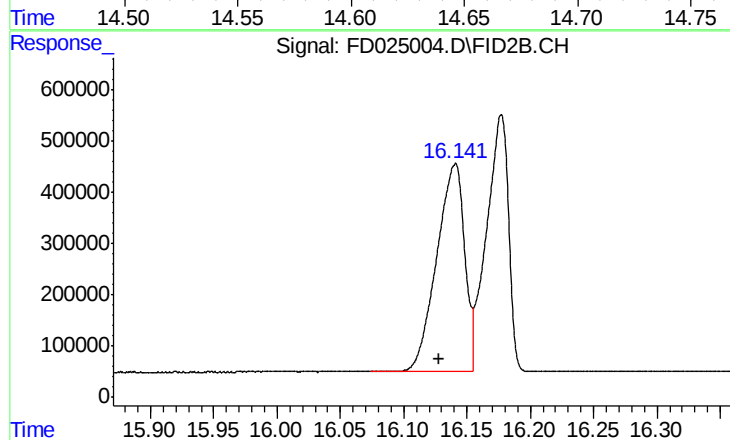
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.590 min
Delta R.T.: 0.009 min
Response: 6210271
Conc: 66.15 ug/ml



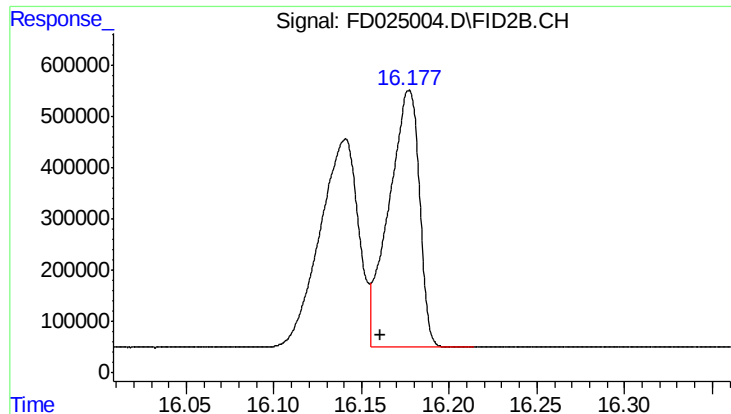
#15 Chrysene (C27.41)

R.T.: 14.635 min
Delta R.T.: 0.013 min
Response: 6114807
Conc: 64.64 ug/ml



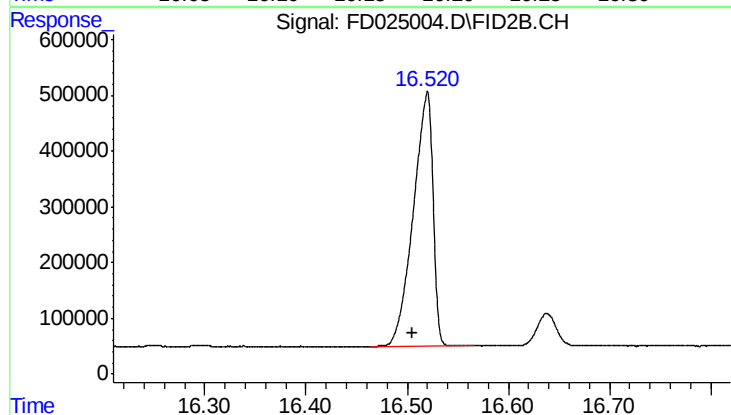
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.141 min
Delta R.T.: 0.012 min
Response: 6243565
Conc: 60.38 ug/ml



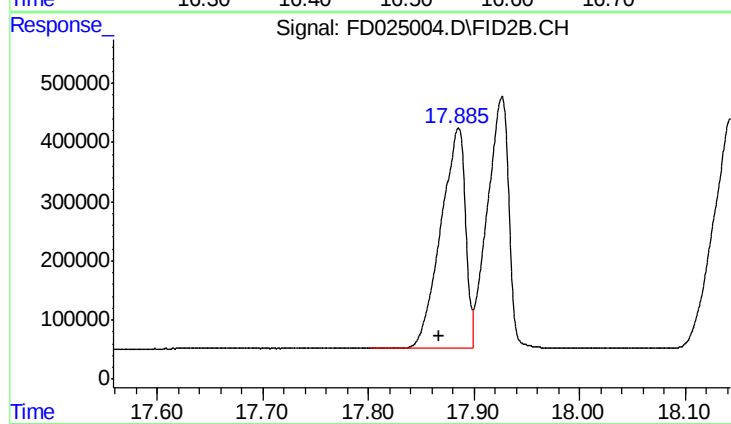
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.177 min
Delta R.T.: 0.016 min
Response: 6096252
Conc: 57.77 ug/ml



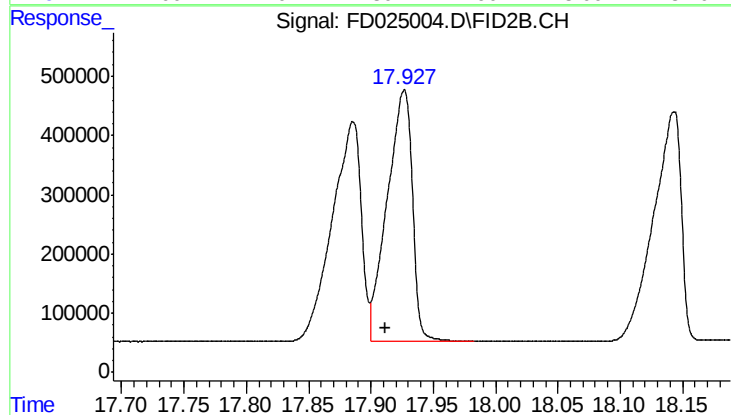
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: 0.015 min
Response: 6146899
Conc: 59.15 ug/ml



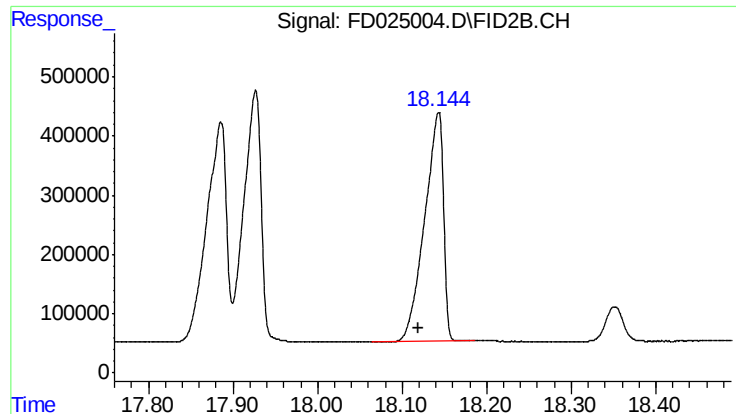
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
Delta R.T.: 0.019 min
Response: 6018280
Conc: 56.46 ug/ml



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

R.T.: 17.927 min
Delta R.T.: 0.015 min
Response: 5966397
Conc: 57.05 ug/ml



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

R.T.: 18.143 min
Delta R.T.: 0.024 min
Response: 5992142
Conc: 56.41 ug/ml