

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071218AR\
 Data File : FD025002.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2018 7:12
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 01
 Misc : FOR SJ
 ALS Vial : 74 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 13 10:16:13 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	5116267	55.929 ug/ml
Spiked Amount 50.000		Recovery =	111.86%
6) S 2-Fluorobiphenyl (SURR)	8.333	3457343	54.513 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	109.03%
11) S ortho-Terphenyl (SURR)	11.381	5346487	53.275 ug/ml
Spiked Amount 50.000		Recovery =	106.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	4122374	44.356 ug/mlm
2) T Naphthalene (C11.7)	5.807	4844927	47.746 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	5046218	49.632 ug/ml
5) T Acenaphthylene (C15.06)	8.135	5004361	50.120 ug/ml
7) T Acenaphthene (C15.5)	8.433	5213901	49.913 ug/ml
8) T Flouorene (C16.55)	9.213	5334298	51.053 ug/ml
9) T Phenanthrene (C19.36)	10.608	5670906	55.155 ug/ml
10) T Anthracene (C19.43)	10.683	5649178	55.411 ug/ml
12) T Fluoranthene (C21.85)	12.420	5975360	59.926 ug/ml
13) T Pyrene (C20.8)	12.716	5922073	59.555 ug/ml
14) T Benzo[a]anthracene (C...	14.590	6099374	64.970 ug/ml
15) T Chrysene (C27.41)	14.634	6001897	63.444 ug/ml
16) T benzo[b]fluoranthene ...	16.140	6134631	59.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	5992538	56.788 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	6037891	58.101 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	5929942	55.634 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	5848507	55.919 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	5895001	55.500 ug/ml

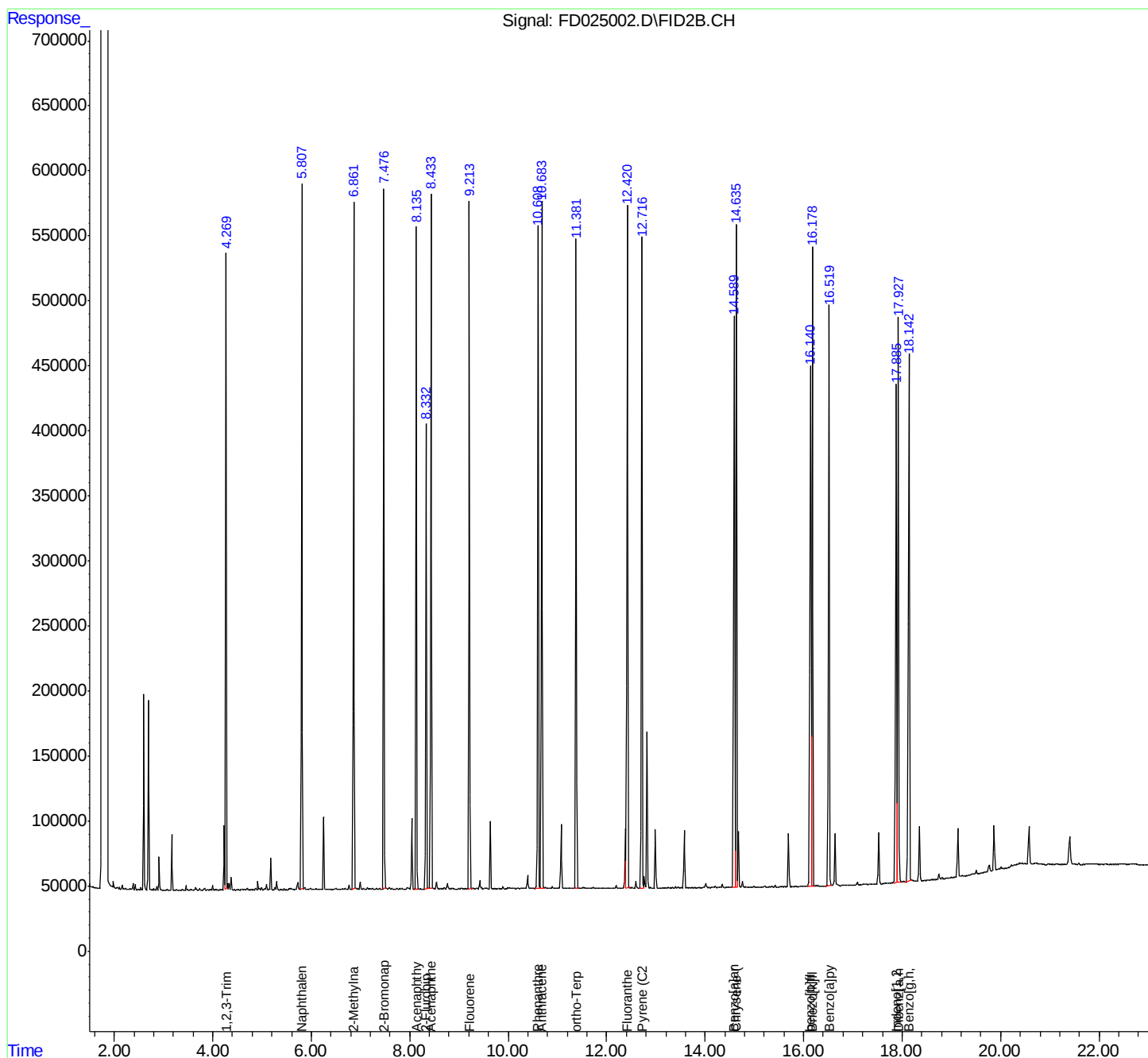
(f)=RT Delta > 1/2 Window

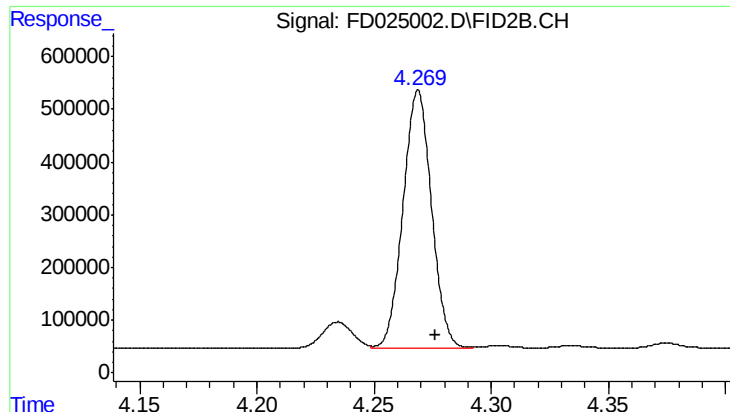
(m)=manual int.

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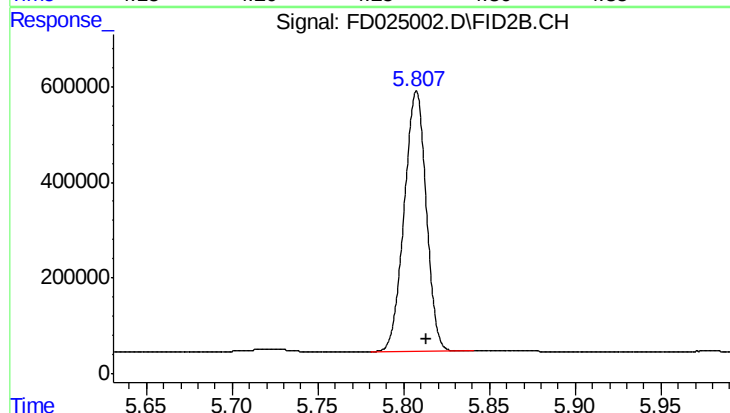
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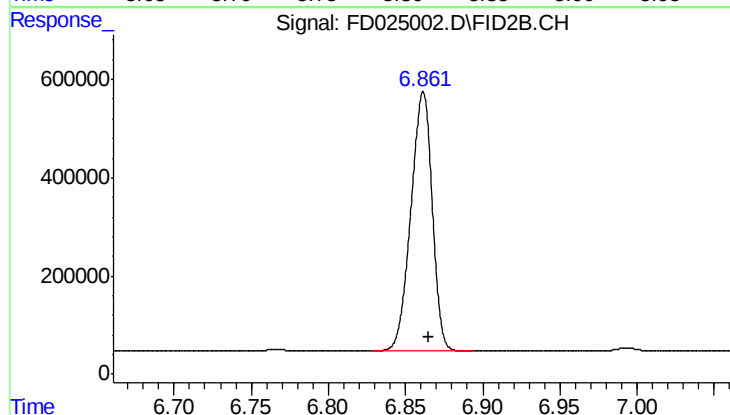
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.008 min
Response: 4122374
Conc: 44.36 ug/ml m



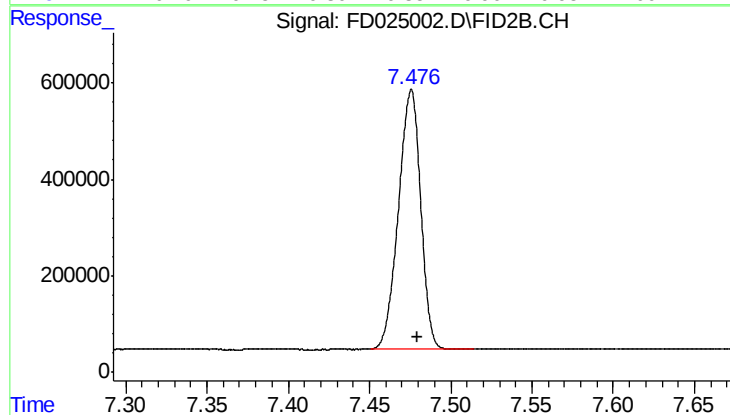
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 4844927
Conc: 47.75 ug/ml



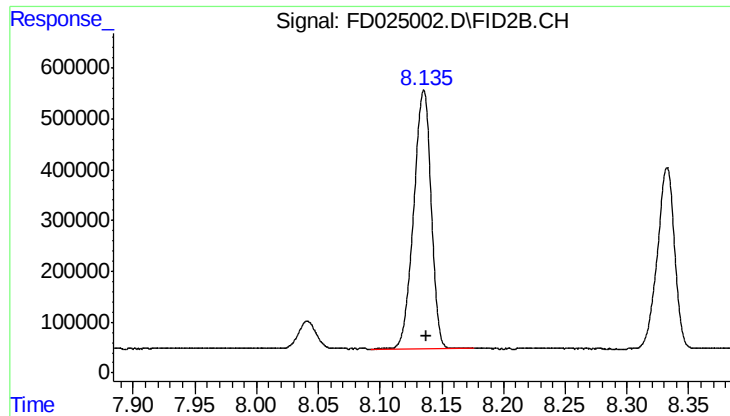
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.004 min
Response: 5046218
Conc: 49.63 ug/ml



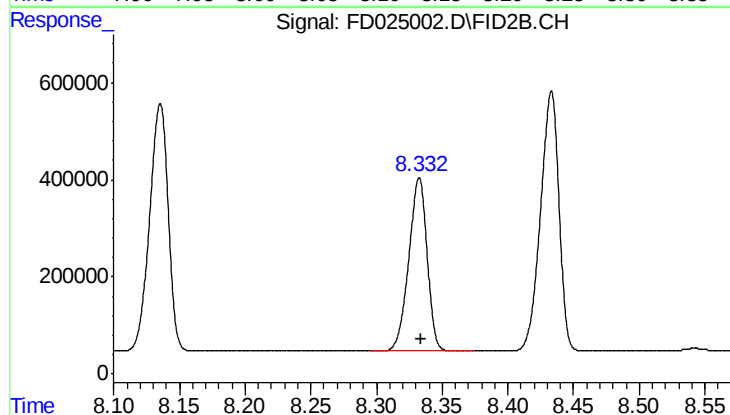
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.004 min
Response: 5116267
Conc: 55.93 ug/ml



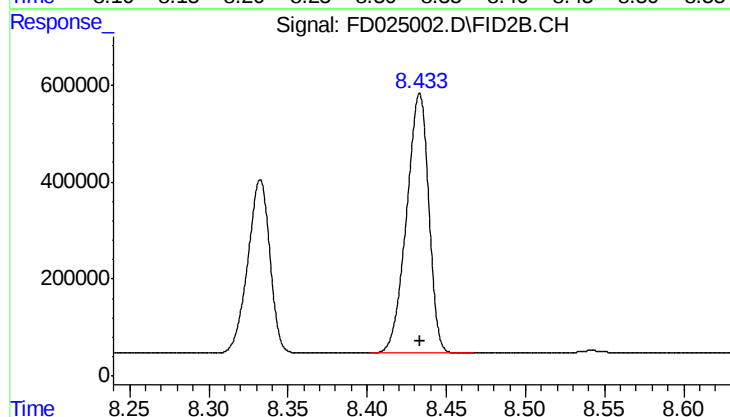
#5 Acenaphthylene (C15.06)

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 5004361
Conc: 50.12 ug/ml



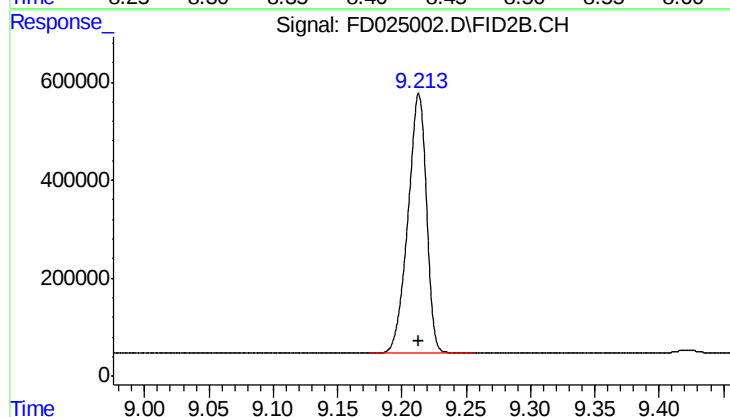
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.001 min
Response: 3457343
Conc: 54.51 ug/ml



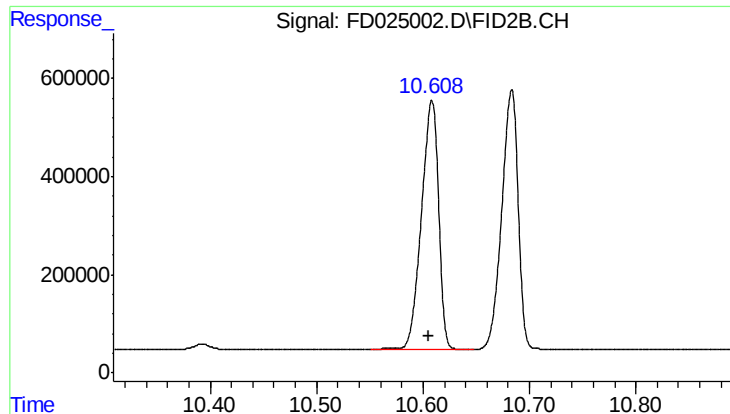
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: 0.000 min
Response: 5213901
Conc: 49.91 ug/ml



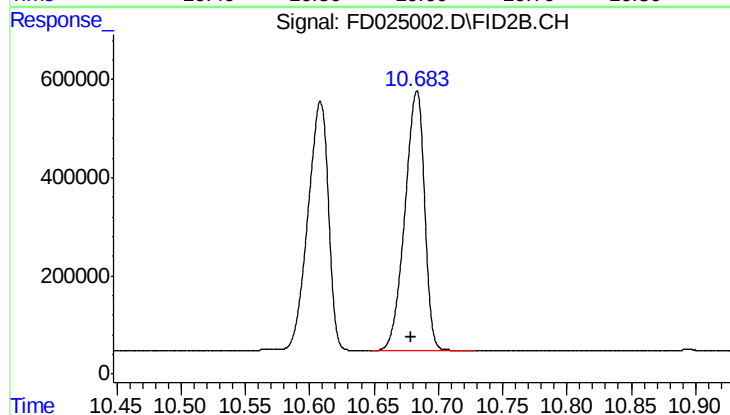
#8 Fluorene (C16.55)

R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 5334298
Conc: 51.05 ug/ml



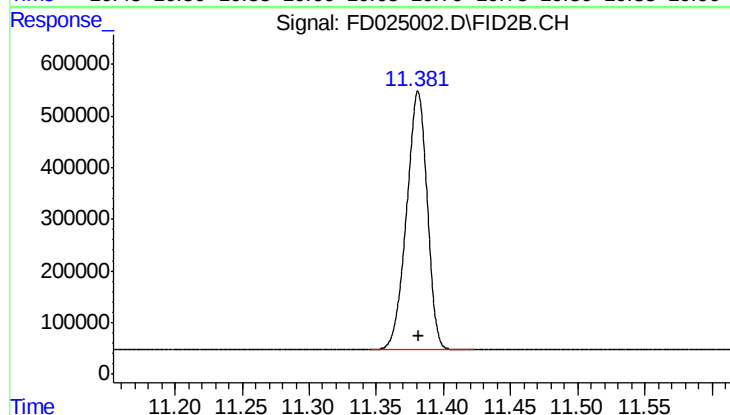
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: 0.003 min
Response: 5670906
Conc: 55.16 ug/ml



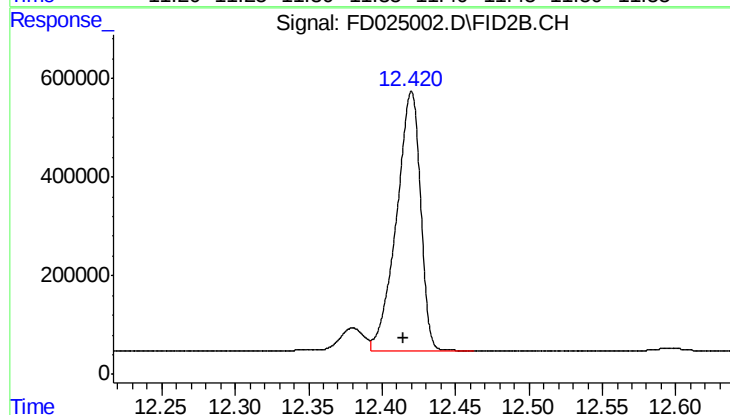
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.004 min
Response: 5649178
Conc: 55.41 ug/ml



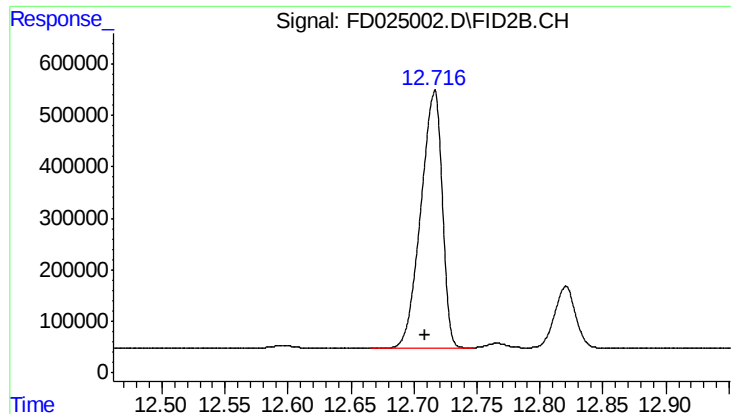
#11 ortho-Terphenyl (SURRE)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 5346487
Conc: 53.28 ug/ml



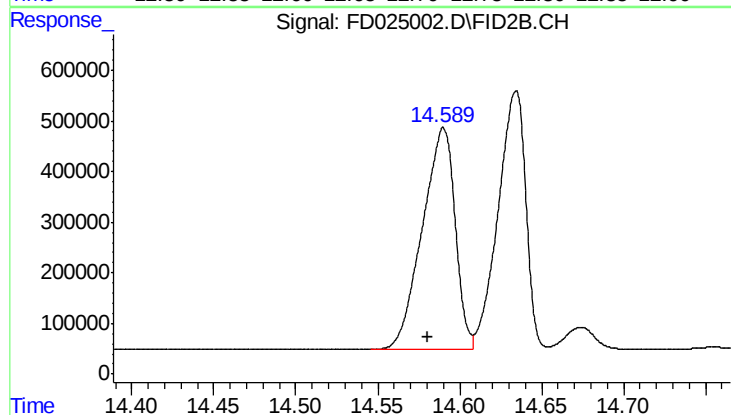
#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: 0.006 min
Response: 5975360
Conc: 59.93 ug/ml



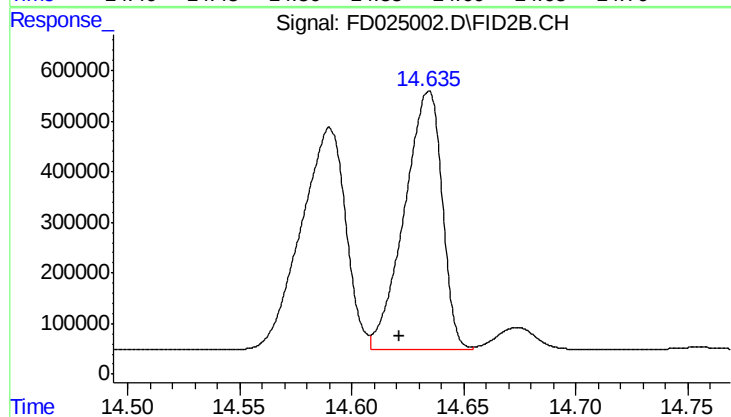
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: 0.008 min
Response: 5922073
Conc: 59.55 ug/ml



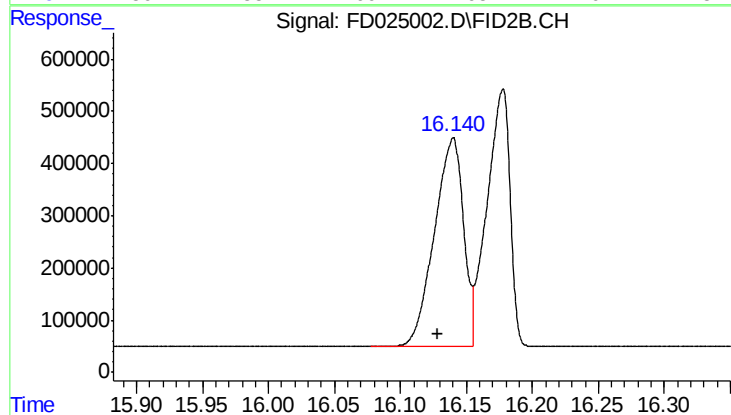
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.590 min
Delta R.T.: 0.009 min
Response: 6099374
Conc: 64.97 ug/ml



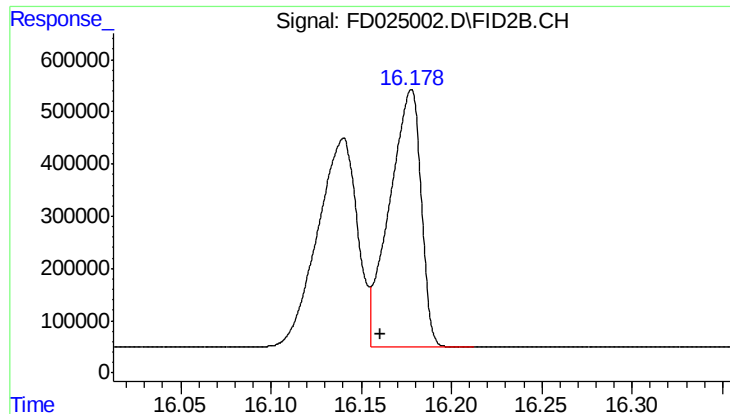
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.013 min
Response: 6001897
Conc: 63.44 ug/ml



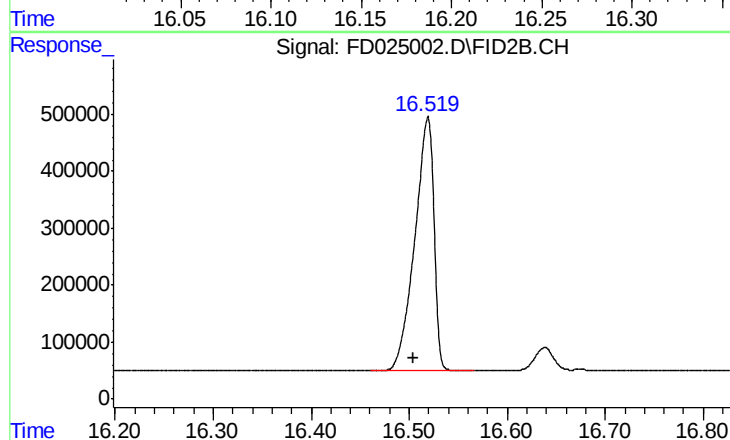
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.140 min
Delta R.T.: 0.012 min
Response: 6134631
Conc: 59.32 ug/ml



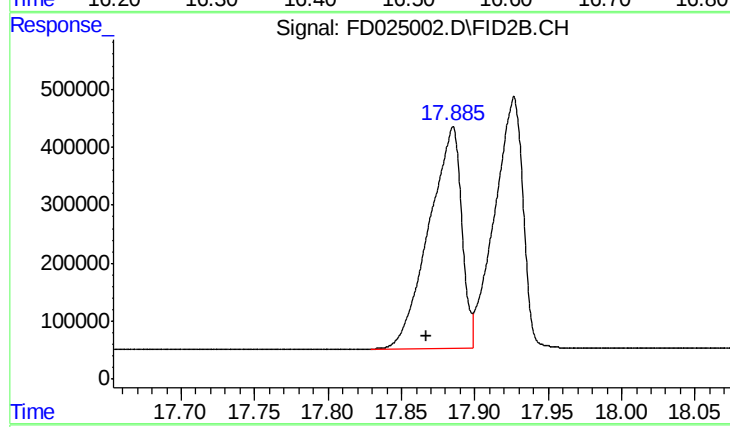
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.178 min
Delta R.T.: 0.017 min
Response: 5992538
Conc: 56.79 ug/ml



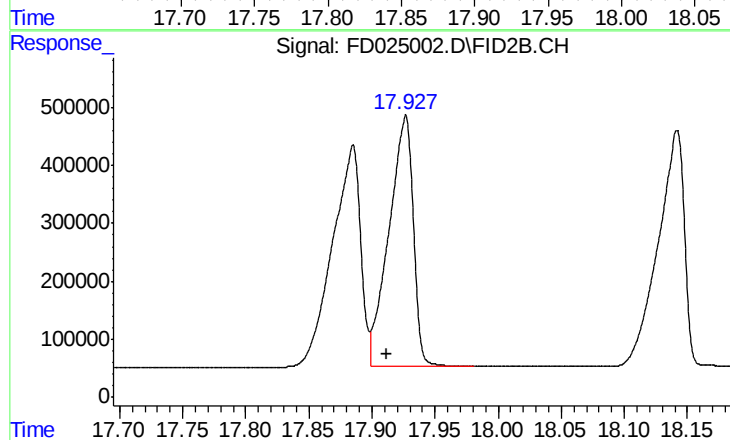
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.519 min
Delta R.T.: 0.014 min
Response: 6037891
Conc: 58.10 ug/ml



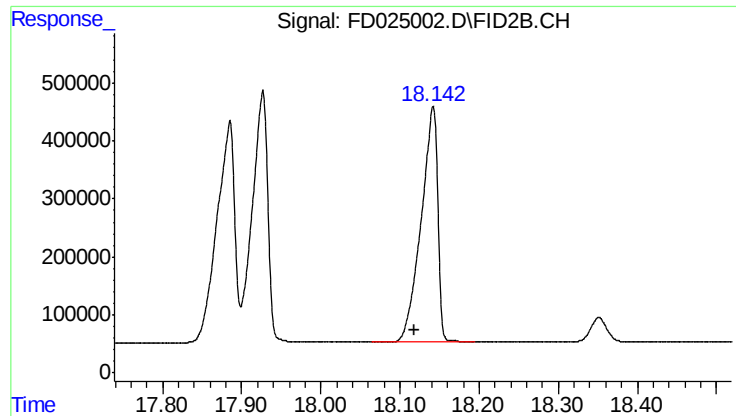
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min
Delta R.T.: 0.018 min
Response: 5929942
Conc: 55.63 ug/ml



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

R.T.: 17.927 min
Delta R.T.: 0.015 min
Response: 5848507
Conc: 55.92 ug/ml



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

R.T.: 18.142 min
Delta R.T.: 0.023 min
Response: 5895001
Conc: 55.50 ug/ml