

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071718AR\
 Data File : FD025094.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2018 5:50
 Operator : AJ\SJ
 Sample : J3762-01
 Misc : AR FID_D SOIL LOD 2.5 PPM
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 10:35:02 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...	7.473	3971661	43.417 ug/ml
Spiked Amount 50.000		Recovery =	86.83%
6) S 2-Fluorobiphenyl (SURR)	8.329	2677799	42.221 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	84.44%
11) S ortho-Terphenyl (SURR)	11.378	3808760	37.952 ug/ml
Spiked Amount 50.000		Recovery =	75.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	172192	1.853 ug/ml
2) T Naphthalene (C11.7)	5.805	274432	2.704 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	229395	2.256 ug/ml
5) T Acenaphthylene (C15.06)	8.130	203403	2.037 ug/ml
7) T Acenaphthene (C15.5)	8.426	198947	1.905 ug/ml
8) T Fluorene (C16.55)	9.205	197187	1.887 ug/ml
9) T Phenanthrene (C19.36)	10.599	206004	2.004 ug/ml
10) T Anthracene (C19.43)	10.673	196078	1.923 ug/ml
12) T Fluoranthene (C21.85)	12.408	221411	2.221 ug/ml
13) T Pyrene (C20.8)	12.703	224180	2.254 ug/ml
14) T Benzo[a]anthracene (C...	14.575	220198	2.346 ug/ml
15) T Chrysene (C27.41)	14.616	224455	2.373 ug/ml
16) T benzo[b]fluoranthene ...	16.121	227085	2.196 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	231868	2.197 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	219339	2.111 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	208715	1.958 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	202261	1.934 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	224278	2.112 ug/ml

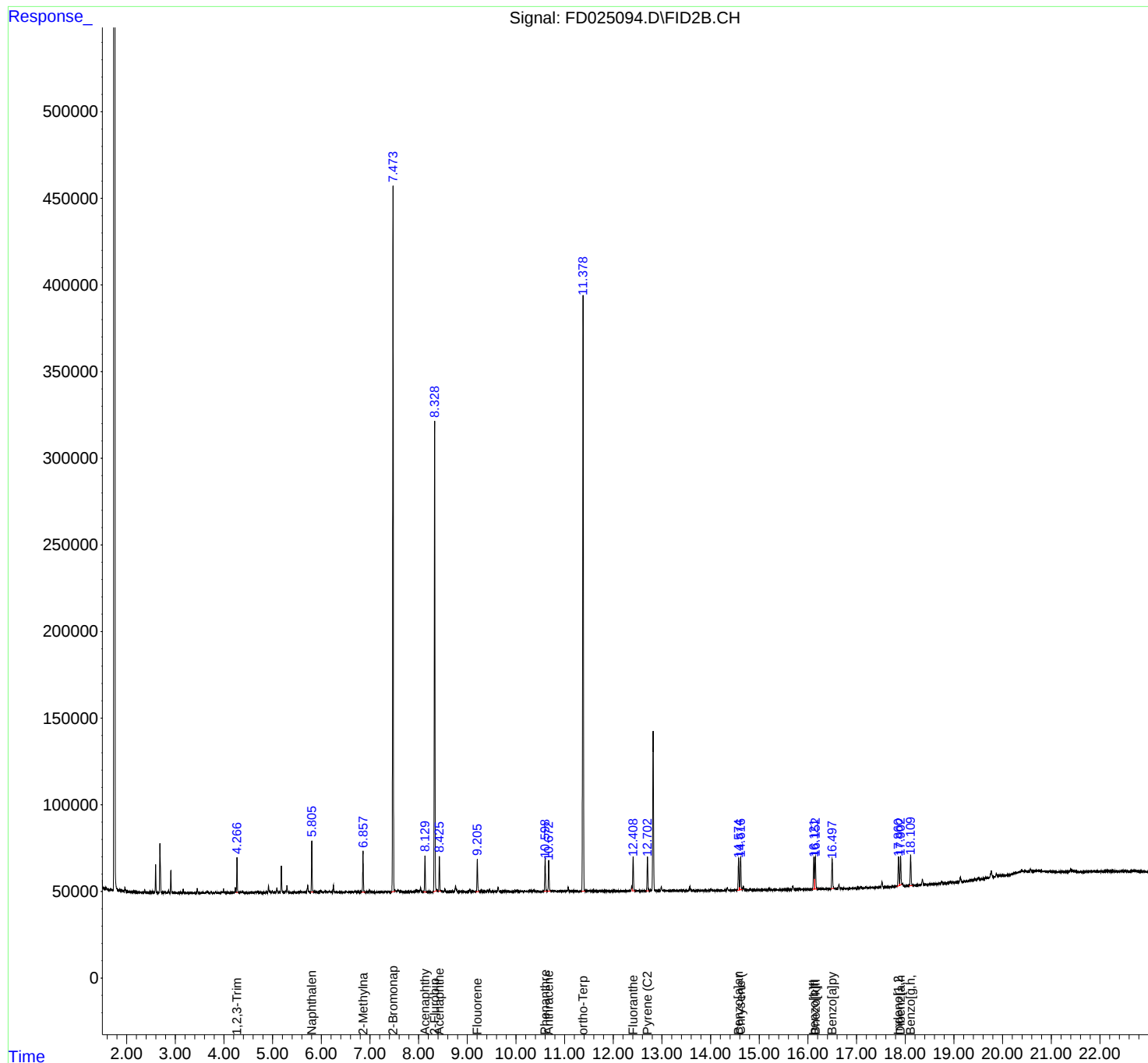
(f)=RT Delta > 1/2 Window

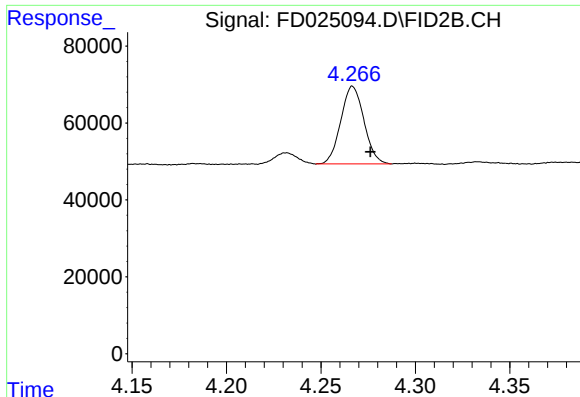
(m)=manual int.

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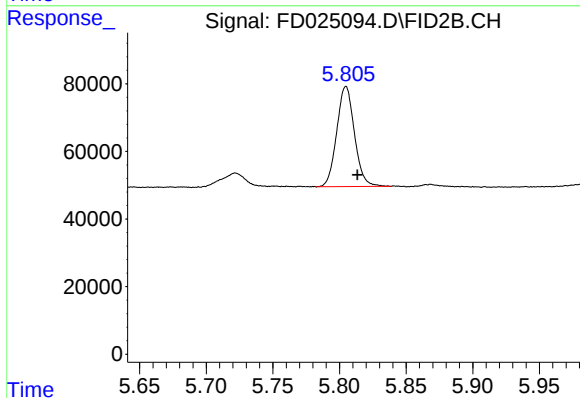
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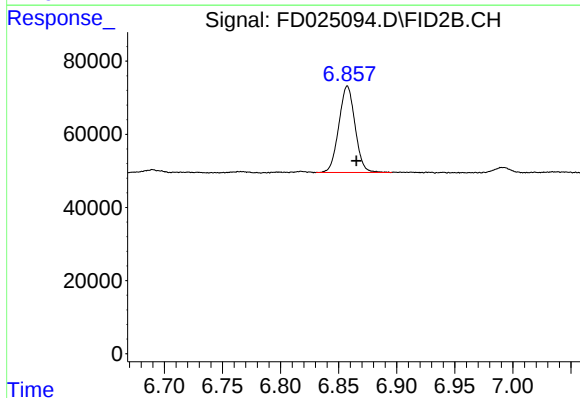
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.267 min
Delta R.T.: -0.009 min
Response: 172192
Conc: 1.85 ug/ml



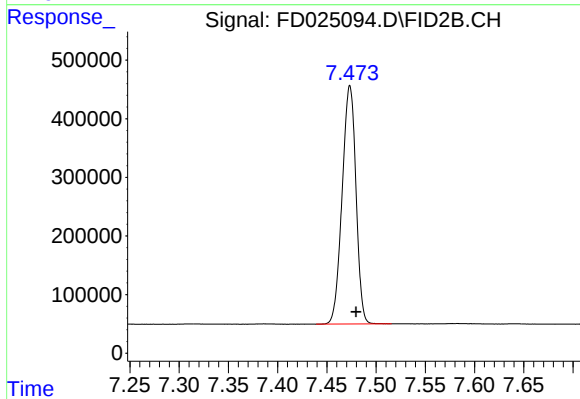
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.009 min
Response: 274432
Conc: 2.70 ug/ml



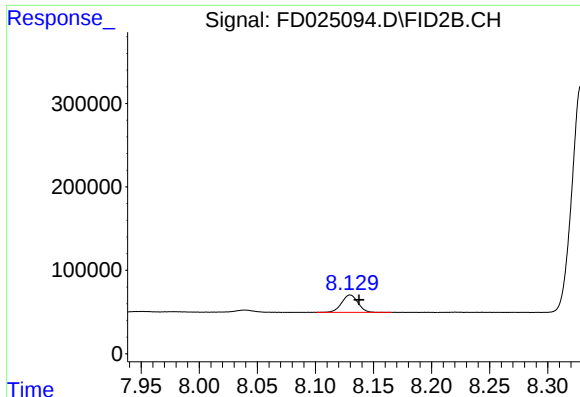
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.008 min
Response: 229395
Conc: 2.26 ug/ml



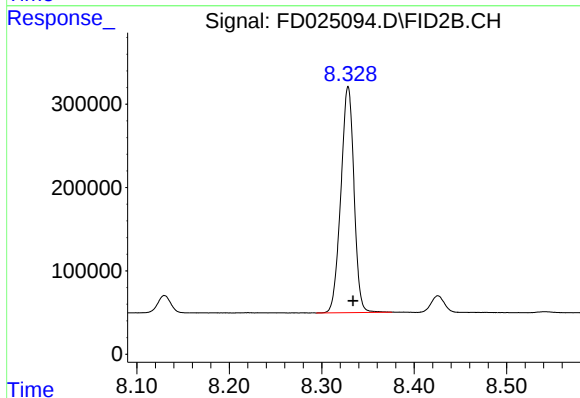
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.006 min
Response: 3971661
Conc: 43.42 ug/ml



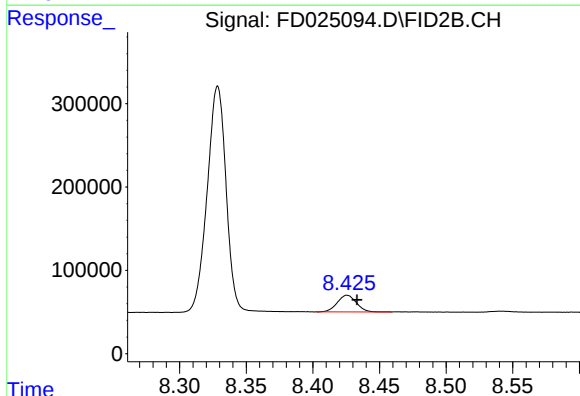
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: -0.008 min
Response: 203403
Conc: 2.04 ug/ml



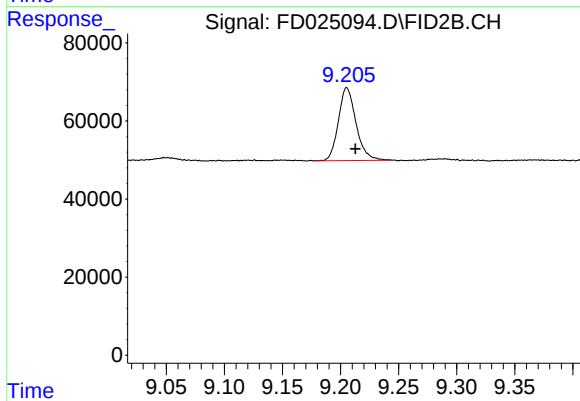
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 2677799
Conc: 42.22 ug/ml



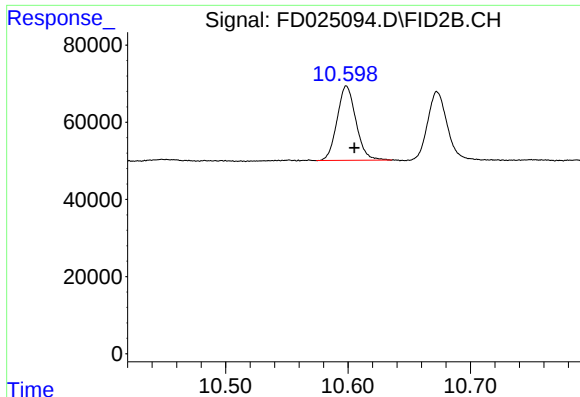
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.007 min
Response: 198947
Conc: 1.90 ug/ml



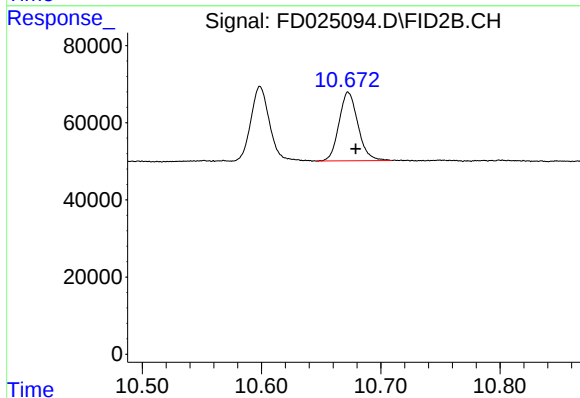
#8 Flouorene (C16.55)

R.T.: 9.205 min
Delta R.T.: -0.007 min
Response: 197187
Conc: 1.89 ug/ml



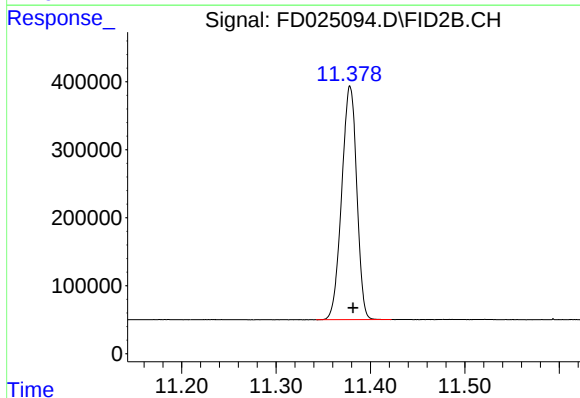
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.007 min
Response: 206004
Conc: 2.00 ug/ml



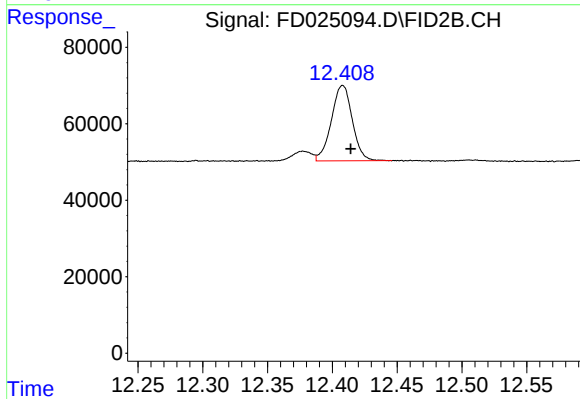
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.006 min
Response: 196078
Conc: 1.92 ug/ml



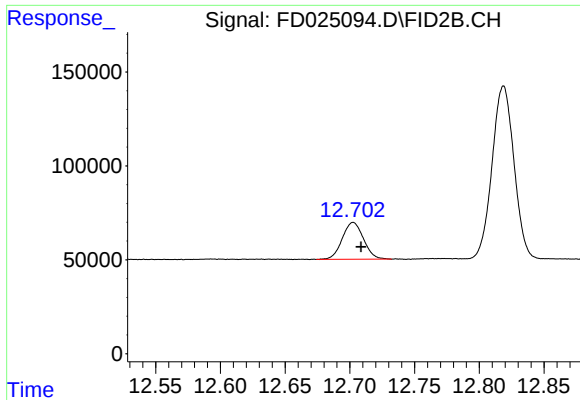
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.003 min
Response: 3808760
Conc: 37.95 ug/ml



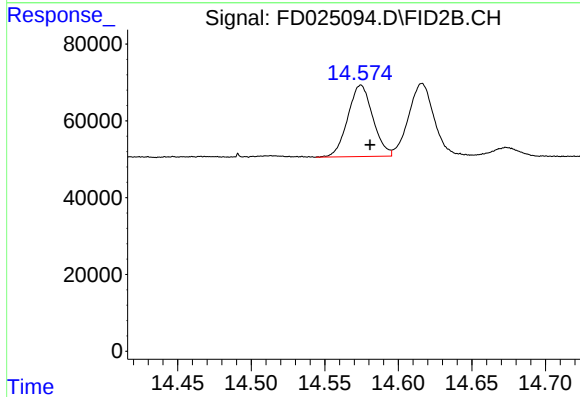
#12 Fluoranthene (C21.85)

R.T.: 12.408 min
Delta R.T.: -0.006 min
Response: 221411
Conc: 2.22 ug/ml



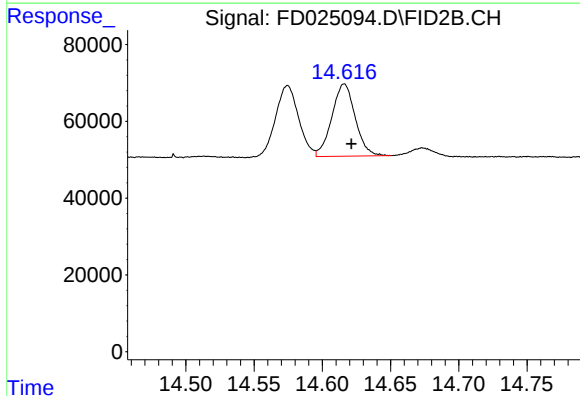
#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: -0.006 min
Response: 224180
Conc: 2.25 ug/ml



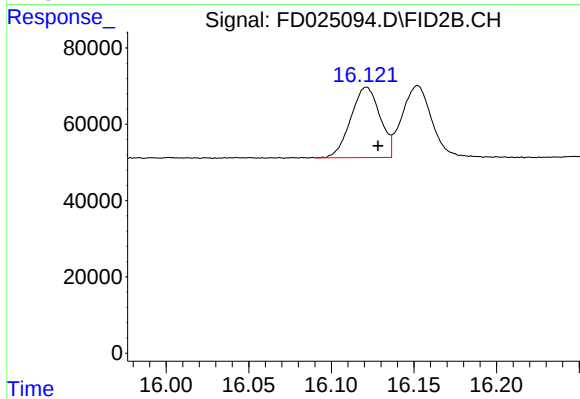
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: -0.006 min
Response: 220198
Conc: 2.35 ug/ml



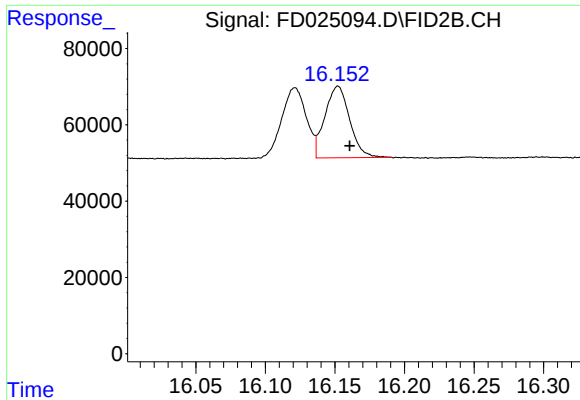
#15 Chrysene (C27.41)

R.T.: 14.616 min
Delta R.T.: -0.005 min
Response: 224455
Conc: 2.37 ug/ml



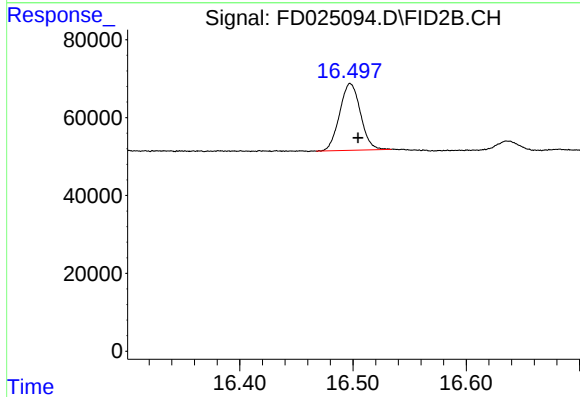
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.121 min
Delta R.T.: -0.007 min
Response: 227085
Conc: 2.20 ug/ml



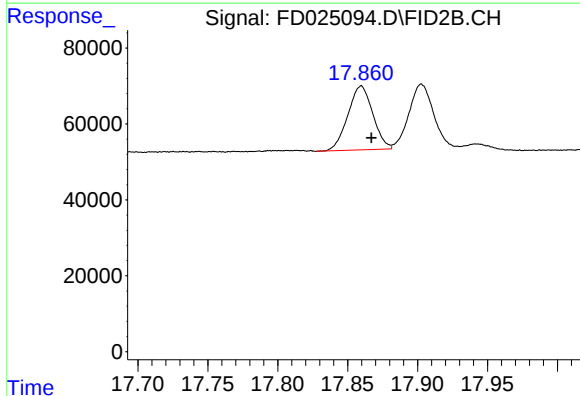
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.152 min
Delta R.T.: -0.008 min
Response: 231868
Conc: 2.20 ug/ml



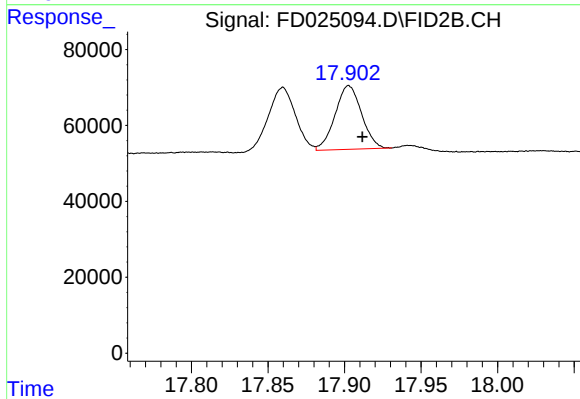
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.007 min
Response: 219339
Conc: 2.11 ug/ml



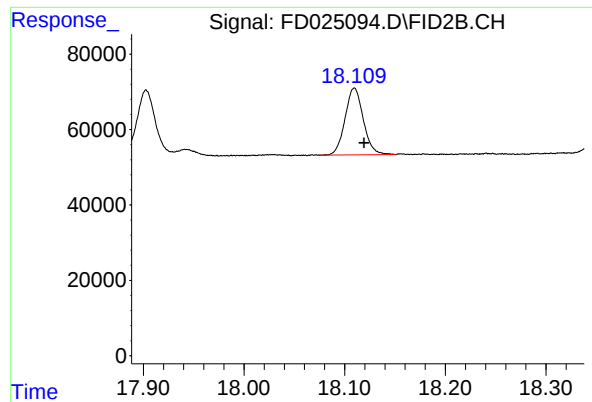
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: -0.007 min
Response: 208715
Conc: 1.96 ug/ml



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

R.T.: 17.903 min
Delta R.T.: -0.009 min
Response: 202261
Conc: 1.93 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.009 min
Response: 224278
Conc: 2.11 ug/ml