

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071718AR\
 Data File : FD025095.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2018 6:28
 Operator : AJ\SJ
 Sample : J3762-02
 Misc : AR FID_D SOIL LOQ 10 PPM
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 10:35:19 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...	7.474	3959127	43.279 ug/ml
Spiked Amount 50.000		Recovery =	86.56%
6) S 2-Fluorobiphenyl (SURR)	8.329	2646808	41.733 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	83.47%
11) S ortho-Terphenyl (SURR)	11.379	3938768	39.248 ug/ml
Spiked Amount 50.000		Recovery =	78.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	614947	6.617 ug/ml
2) T Naphthalene (C11.7)	5.804	802356	7.907 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	777218	7.644 ug/ml
5) T Acenaphthylene (C15.06)	8.130	758036	7.592 ug/ml
7) T Acenaphthene (C15.5)	8.426	767210	7.345 ug/ml
8) T Fluorene (C16.55)	9.206	747444	7.154 ug/ml
9) T Phenanthrene (C19.36)	10.599	788256	7.667 ug/ml
10) T Anthracene (C19.43)	10.673	775289	7.605 ug/ml
12) T Fluoranthene (C21.85)	12.409	848962	8.514 ug/ml
13) T Pyrene (C20.8)	12.703	861153	8.660 ug/ml
14) T Benzo[a]anthracene (C...	14.576	861737	9.179 ug/ml
15) T Chrysene (C27.41)	14.617	879814	9.300 ug/ml
16) T benzo[b]fluoranthene ...	16.123	888743	8.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	896347	8.494 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	874275	8.413 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	847667	7.953 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	849916	8.126 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	871516	8.205 ug/ml

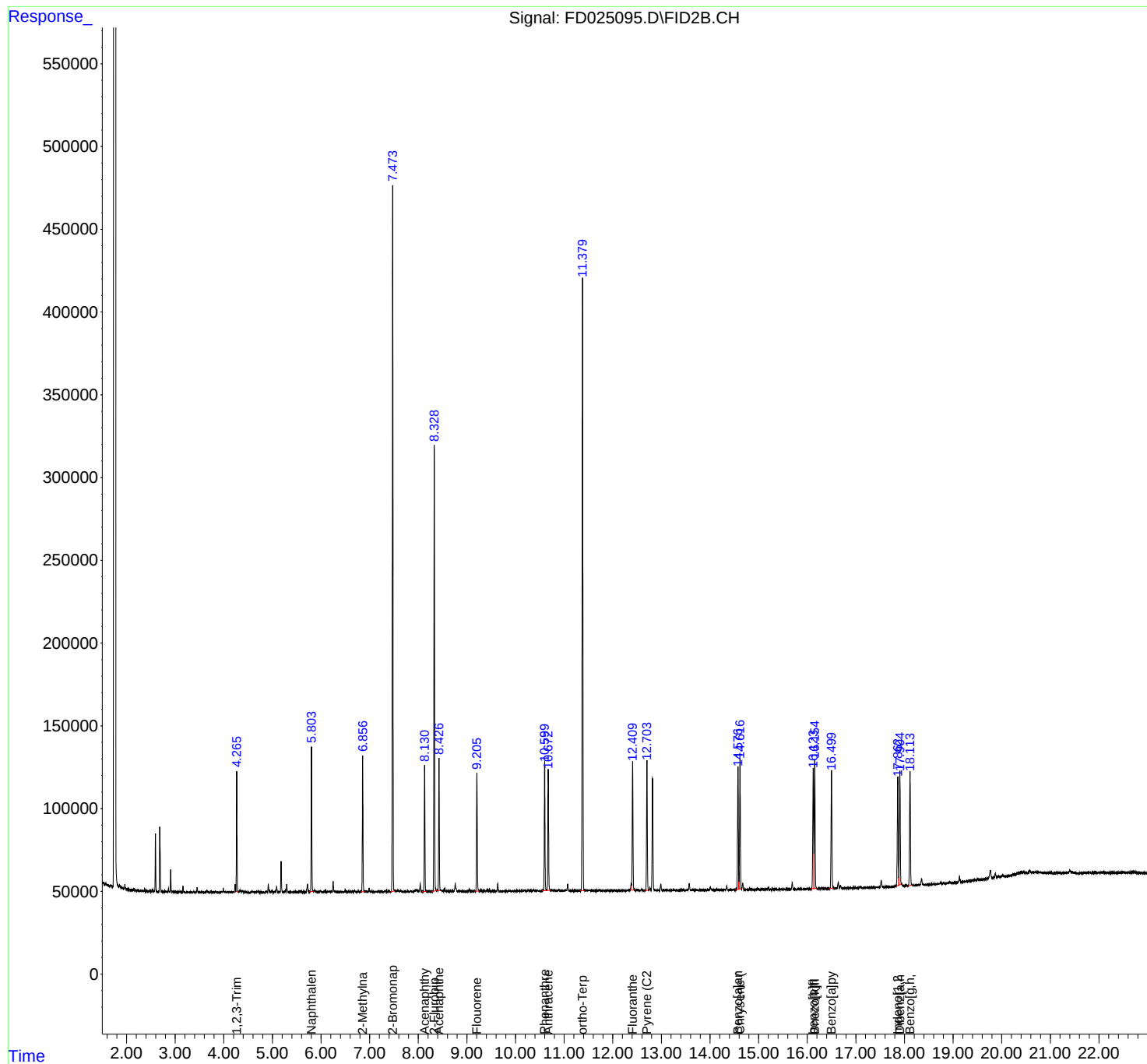
(f)=RT Delta > 1/2 Window

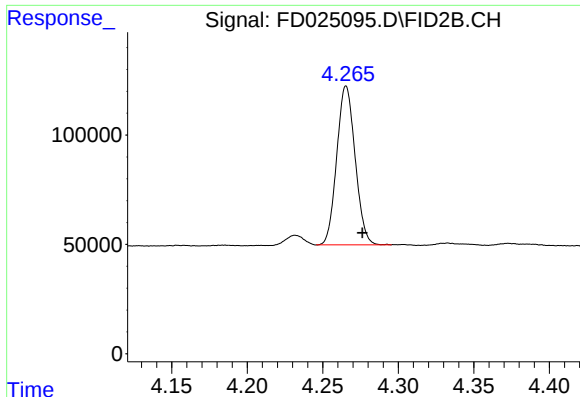
(m)=manual int.

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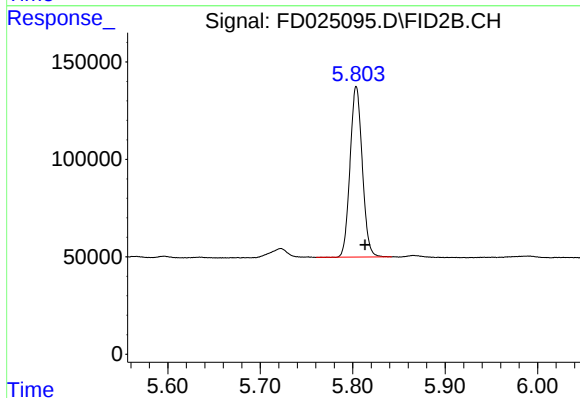
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Signal Info : 20M x 0.18mm x 0.18µm





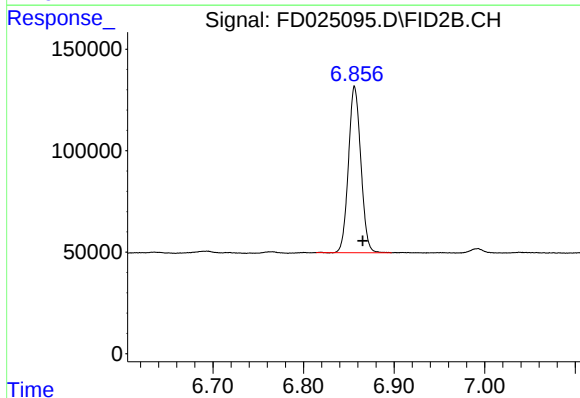
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.266 min
Delta R.T.: -0.011 min
Response: 614947
Conc: 6.62 ug/ml



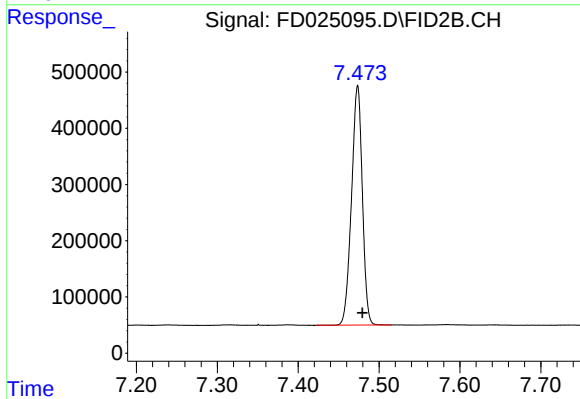
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.010 min
Response: 802356
Conc: 7.91 ug/ml



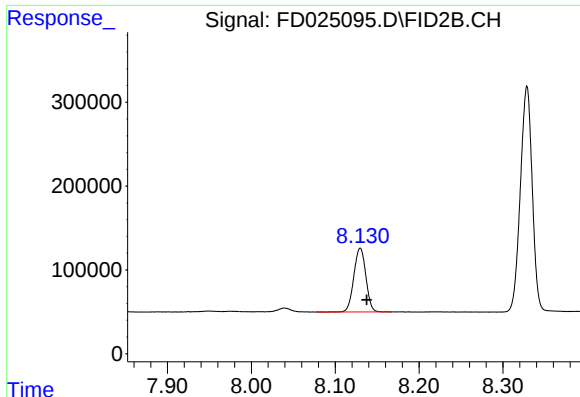
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.009 min
Response: 777218
Conc: 7.64 ug/ml



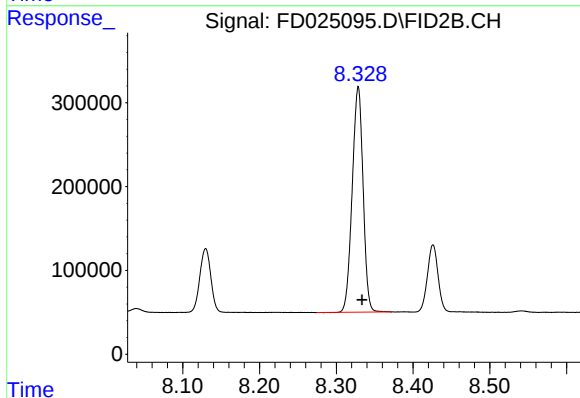
#4 2-Bromonaphthalene (SURR)

R.T.: 7.474 min
Delta R.T.: -0.006 min
Response: 3959127
Conc: 43.28 ug/ml



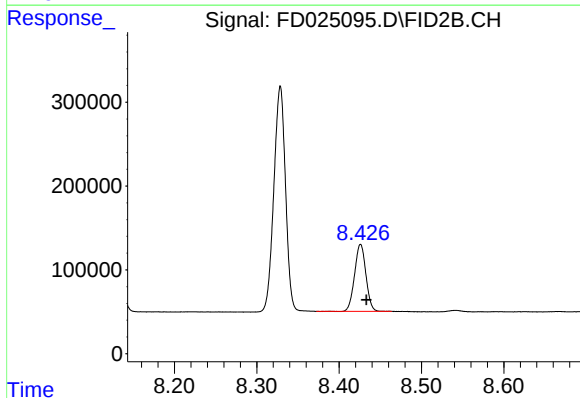
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: -0.008 min
Response: 758036
Conc: 7.59 ug/ml



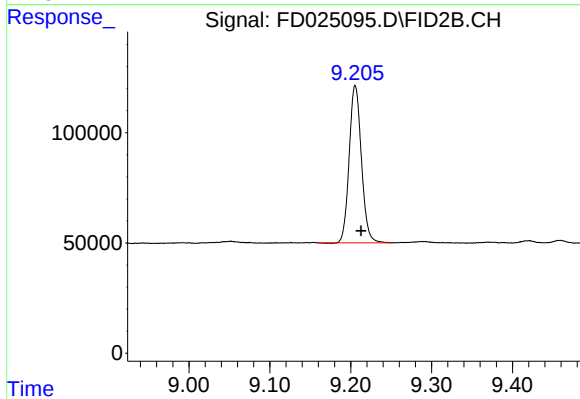
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 2646808
Conc: 41.73 ug/ml



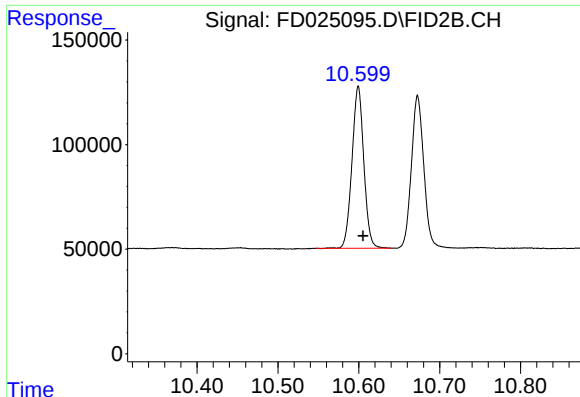
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.007 min
Response: 767210
Conc: 7.34 ug/ml



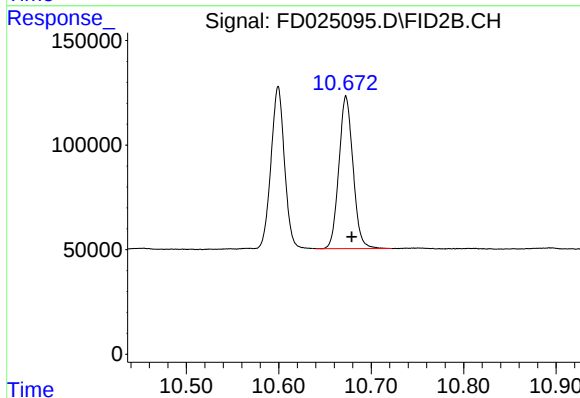
#8 Flouorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.007 min
Response: 747444
Conc: 7.15 ug/ml



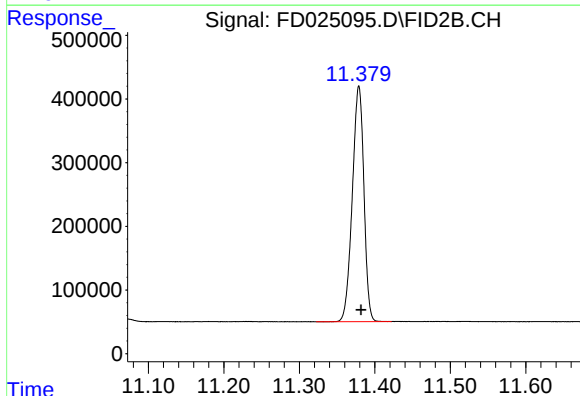
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.006 min
Response: 788256
Conc: 7.67 ug/ml



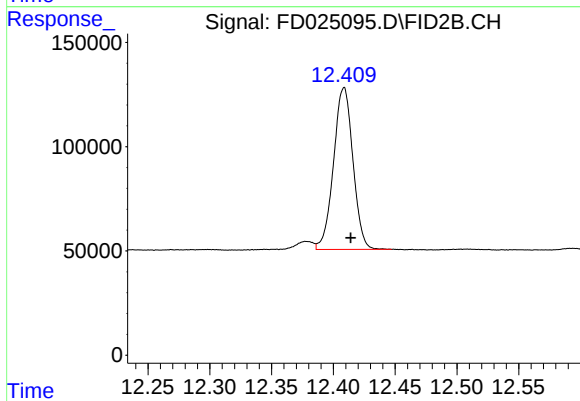
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.006 min
Response: 775289
Conc: 7.60 ug/ml



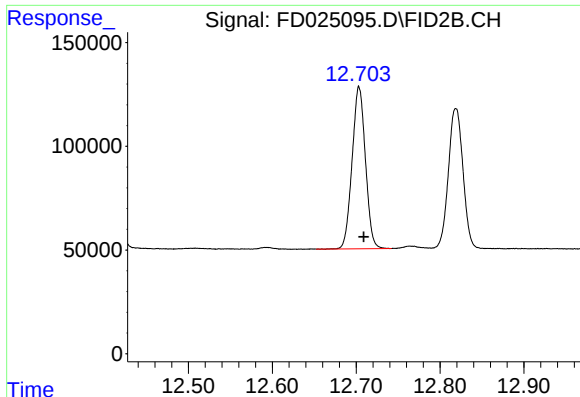
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.003 min
Response: 3938768
Conc: 39.25 ug/ml



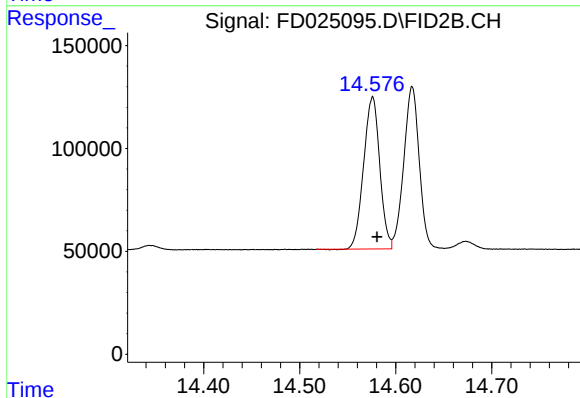
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.006 min
Response: 848962
Conc: 8.51 ug/ml



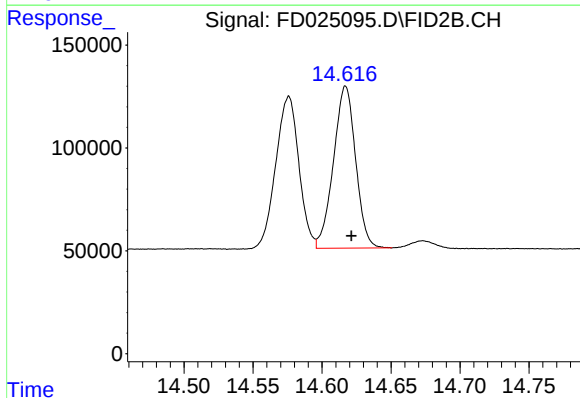
#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: -0.005 min
Response: 861153
Conc: 8.66 ug/ml



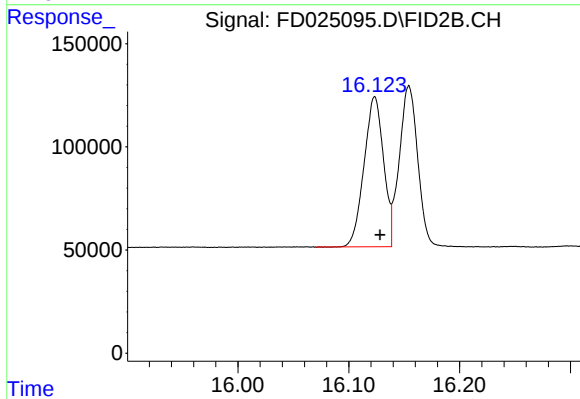
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: -0.005 min
Response: 861737
Conc: 9.18 ug/ml



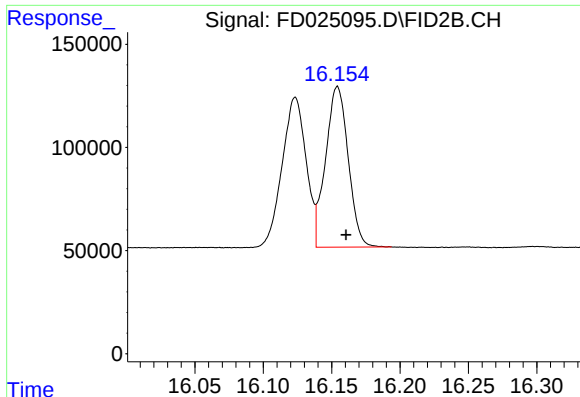
#15 Chrysene (C27.41)

R.T.: 14.617 min
Delta R.T.: -0.004 min
Response: 879814
Conc: 9.30 ug/ml



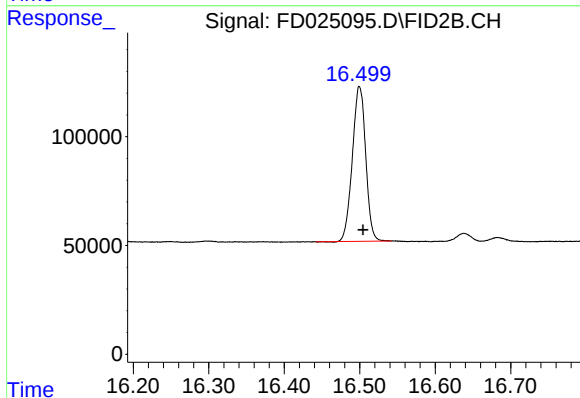
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.123 min
Delta R.T.: -0.005 min
Response: 888743
Conc: 8.59 ug/ml



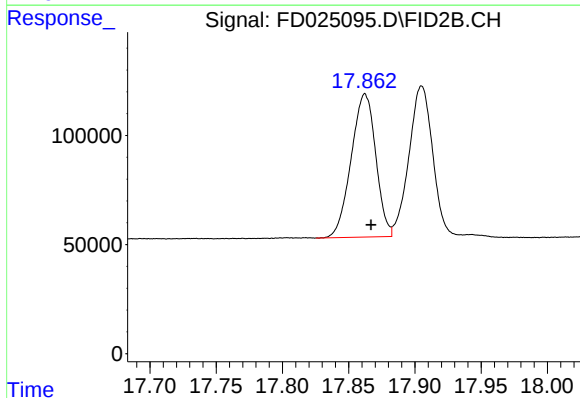
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.154 min
Delta R.T.: -0.006 min
Response: 896347
Conc: 8.49 ug/ml



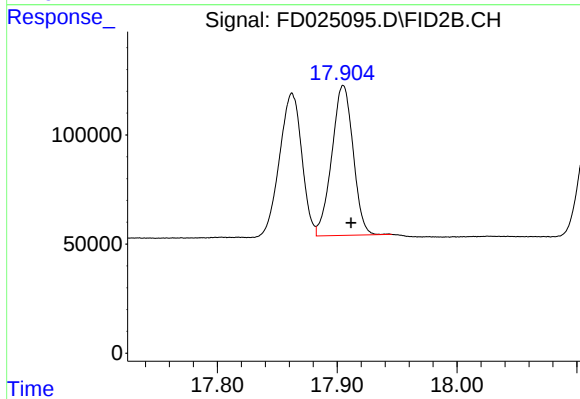
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.005 min
Response: 874275
Conc: 8.41 ug/ml



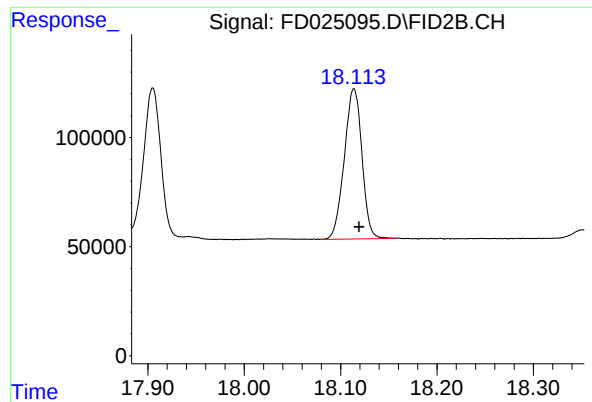
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.862 min
Delta R.T.: -0.005 min
Response: 847667
Conc: 7.95 ug/ml



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

R.T.: 17.905 min
Delta R.T.: -0.007 min
Response: 849916
Conc: 8.13 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.005 min
Response: 871516
Conc: 8.21 ug/ml