

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072318AR\
 Data File : FD025156.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jul 2018 10:51
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 12:17:10 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.445	1648857	21.360 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
6) S 2-Fluorobiphenyl (SURR)	8.297	1155361	21.487 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.97%
11) S ortho-Terphenyl (SURR)	11.341	1791294	21.108 ug/ml
Spiked Amount 50.000		Recovery =	42.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	1623395	20.785 ug/ml
2) T Naphthalene (C11.7)	5.780	1815801	21.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.831	1832966	21.318 ug/ml
5) T Acenaphthylene (C15.06)	8.101	1821163	21.441 ug/ml
7) T Acenaphthene (C15.5)	8.397	1901964	21.361 ug/ml
8) T Flouorene (C16.55)	9.175	1892989	21.255 ug/ml
9) T Phenanthrene (C19.36)	10.565	1884925	21.045 ug/ml
10) T Anthracene (C19.43)	10.640	1848285	20.989 ug/ml
12) T Fluoranthene (C21.85)	12.372	1820964	20.726 ug/ml
13) T Pyrene (C20.8)	12.666	1815610	20.660 ug/ml
14) T Benzo[a]anthracene (C...	14.535	1748687	20.967 ug/ml
15) T Chrysene (C27.41)	14.577	1764496	20.946 ug/ml
16) T benzo[b]fluoranthene ...	16.082	1893054	21.041 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	1918627	21.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	1938255	21.058 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	1942722	20.591 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	1904632	20.813 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	2028050	20.935 ug/ml

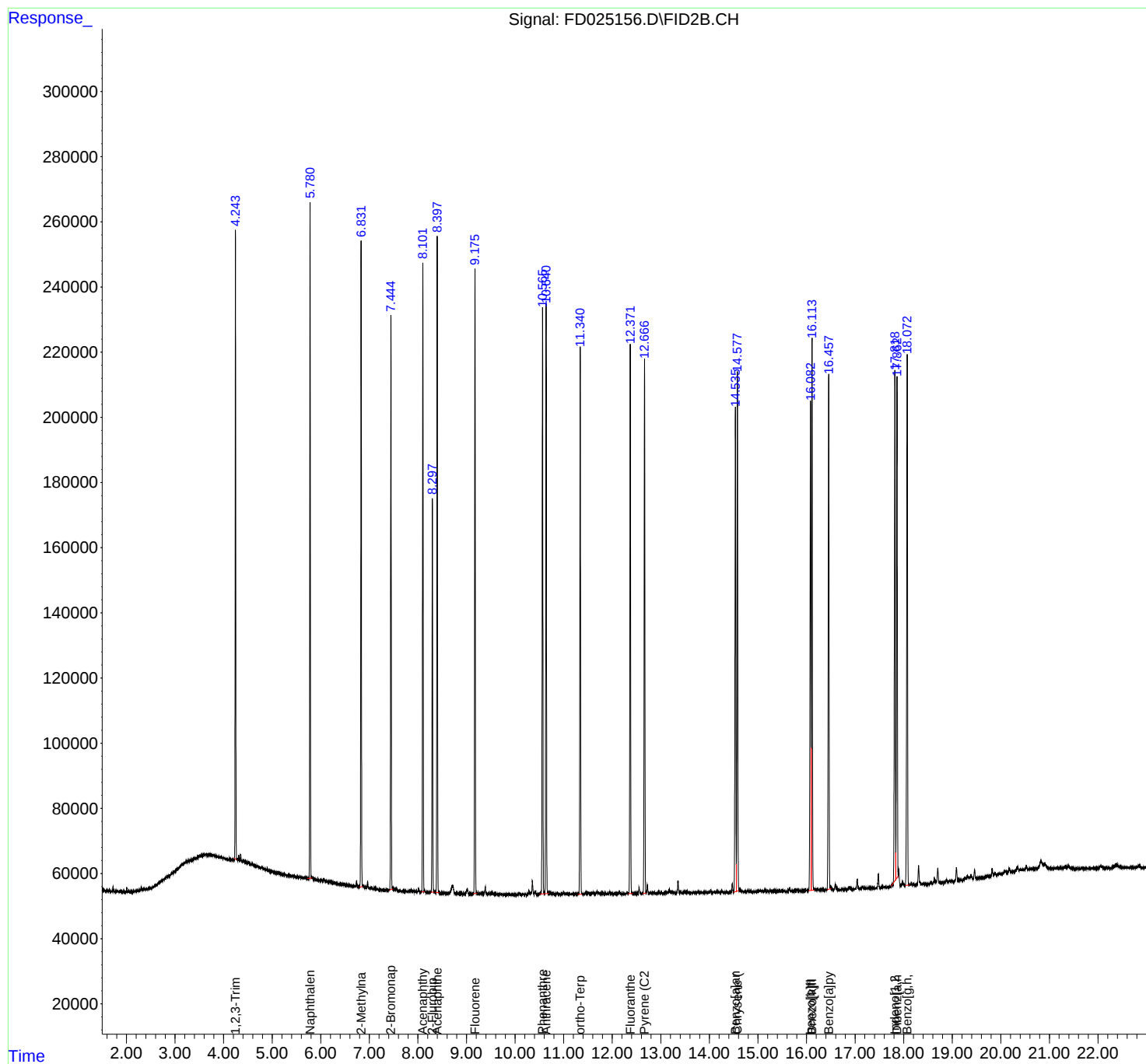
(f)=RT Delta > 1/2 Window

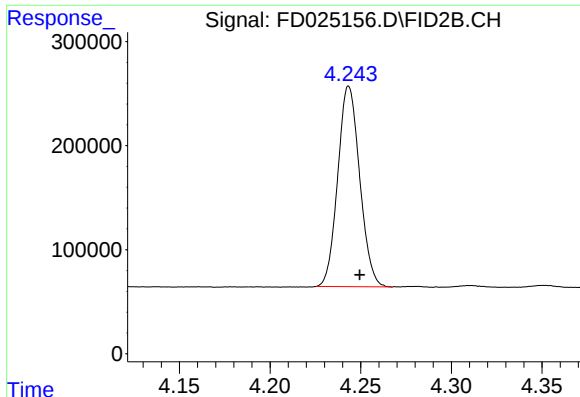
(m)=manual int.

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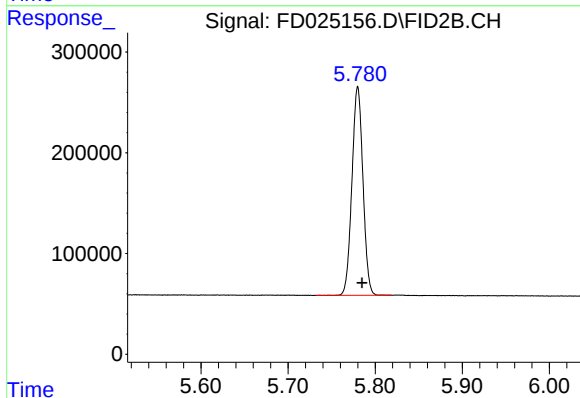
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





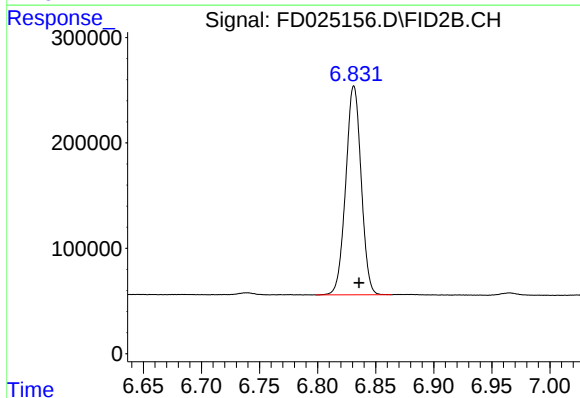
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min
Delta R.T.: -0.006 min
Response: 1623395
Conc: 20.79 ug/ml



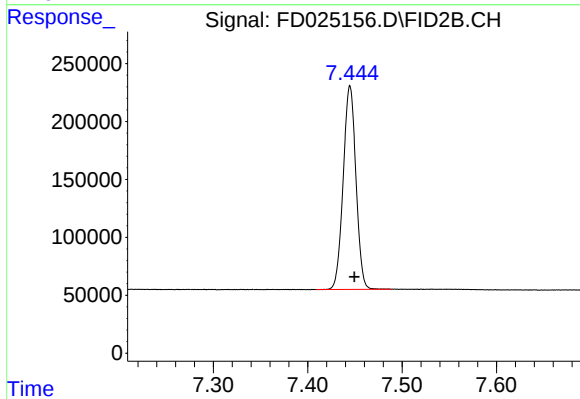
#2 Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 1815801
Conc: 21.08 ug/ml



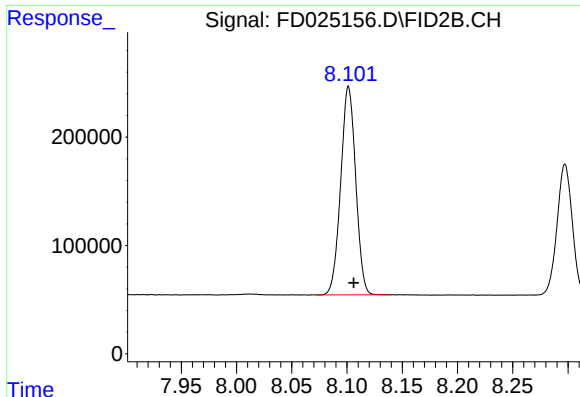
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 1832966
Conc: 21.32 ug/ml



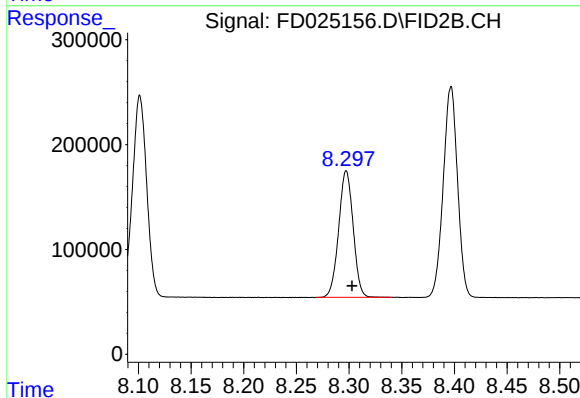
#4 2-Bromonaphthalene (SURR)

R.T.: 7.445 min
Delta R.T.: -0.005 min
Response: 1648857
Conc: 21.36 ug/ml



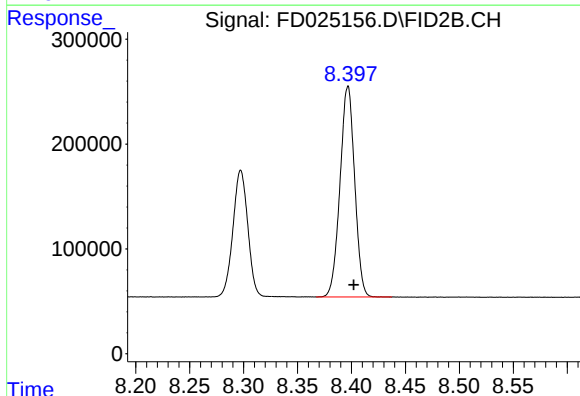
#5 Acenaphthylene (C15.06)

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 1821163
Conc: 21.44 ug/ml



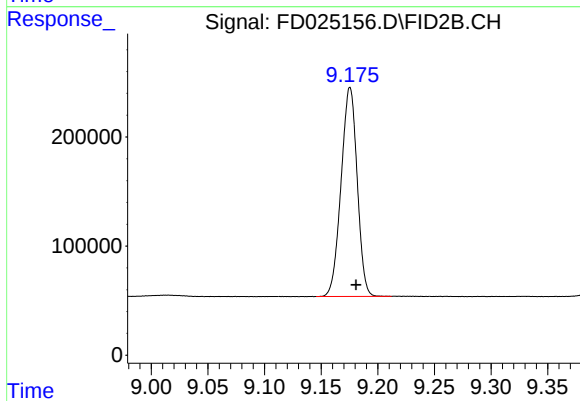
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.297 min
Delta R.T.: -0.005 min
Response: 1155361
Conc: 21.49 ug/ml



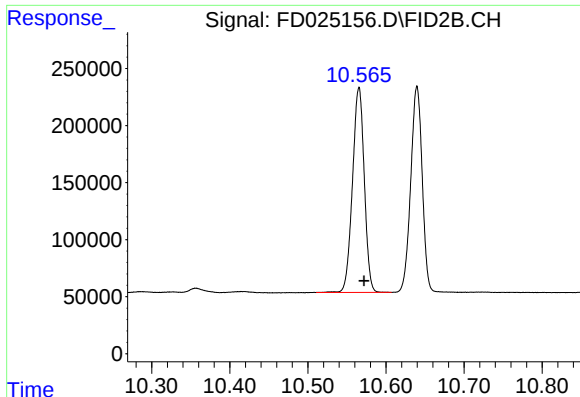
#7 Acenaphthene (C15.5)

R.T.: 8.397 min
Delta R.T.: -0.005 min
Response: 1901964
Conc: 21.36 ug/ml



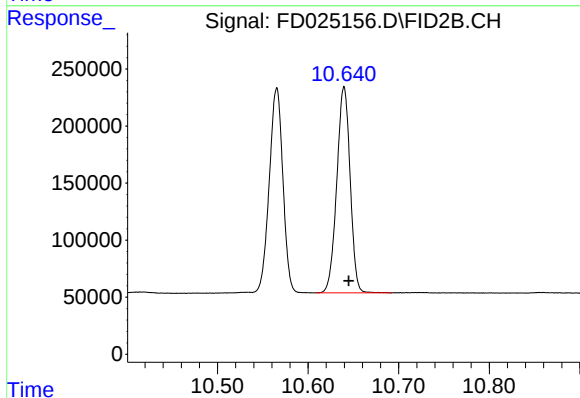
#8 Fluorene (C16.55)

R.T.: 9.175 min
Delta R.T.: -0.005 min
Response: 1892989
Conc: 21.25 ug/ml



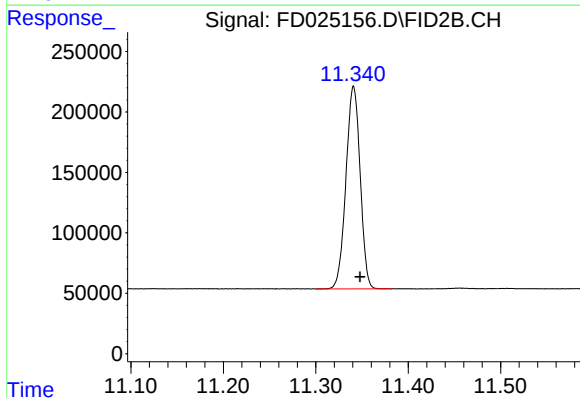
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.007 min
Response: 1884925
Conc: 21.05 ug/ml



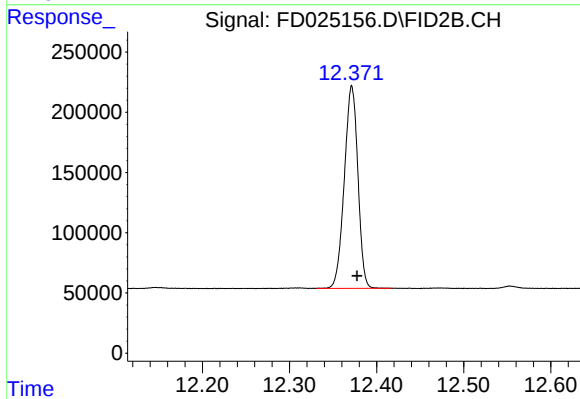
#10 Anthracene (C19.43)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 1848285
Conc: 20.99 ug/ml



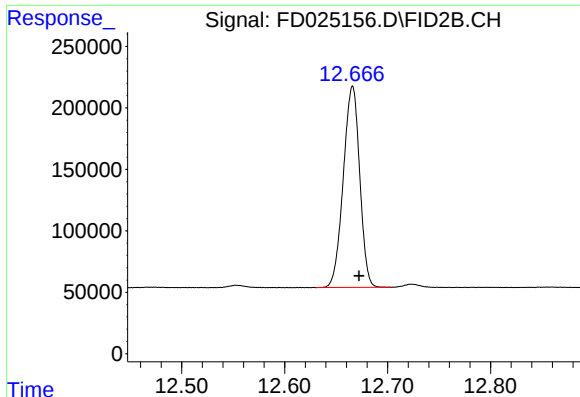
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.007 min
Response: 1791294
Conc: 21.11 ug/ml



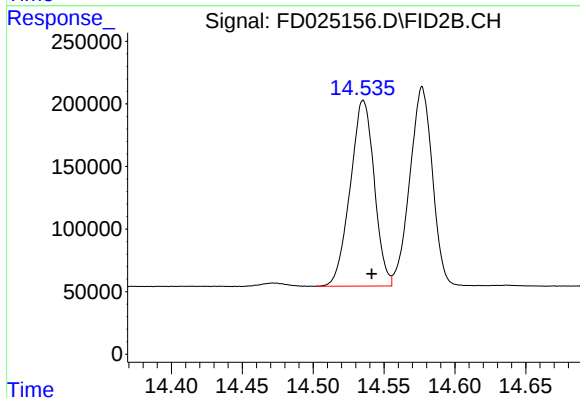
#12 Fluoranthene (C21.85)

R.T.: 12.372 min
Delta R.T.: -0.006 min
Response: 1820964
Conc: 20.73 ug/ml



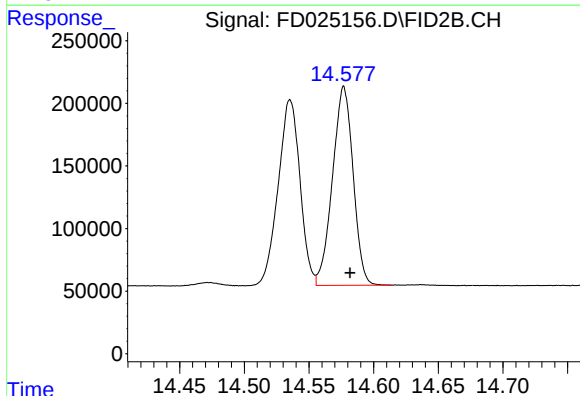
#13 Pyrene (C20.8)

R.T.: 12.666 min
Delta R.T.: -0.006 min
Response: 1815610
Conc: 20.66 ug/ml



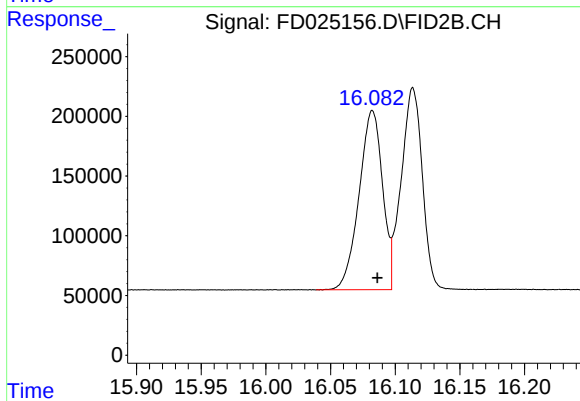
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.006 min
Response: 1748687
Conc: 20.97 ug/ml



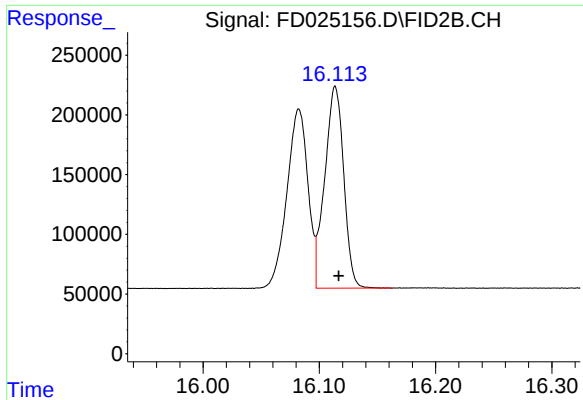
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: -0.005 min
Response: 1764496
Conc: 20.95 ug/ml



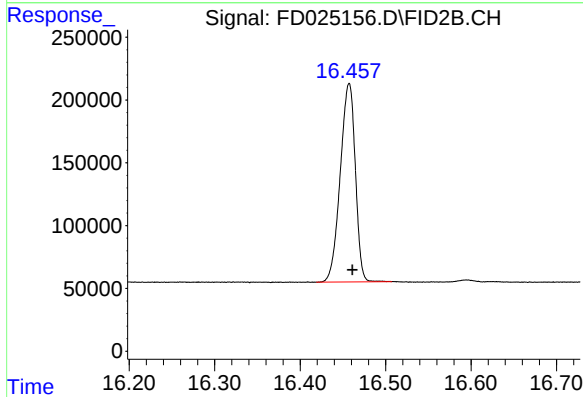
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min
Delta R.T.: -0.004 min
Response: 1893054
Conc: 21.04 ug/ml



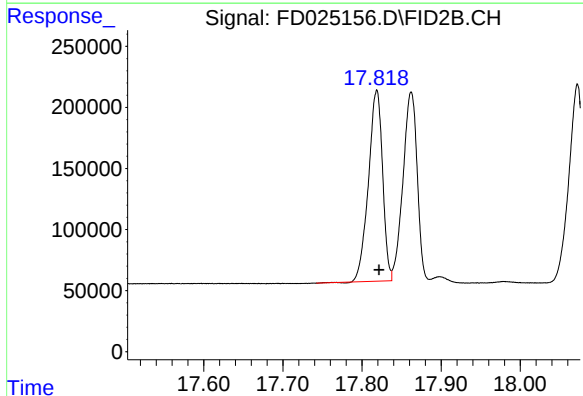
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.114 min
Delta R.T.: -0.003 min
Response: 1918627
Conc: 21.31 ug/ml



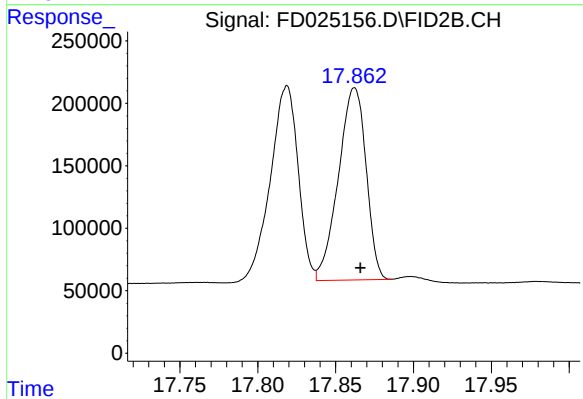
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: -0.004 min
Response: 1938255
Conc: 21.06 ug/ml



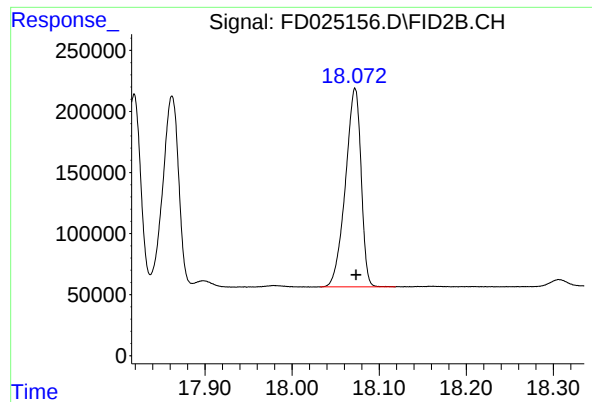
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: -0.003 min
Response: 1942722
Conc: 20.59 ug/ml



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

R.T.: 17.862 min
Delta R.T.: -0.004 min
Response: 1904632
Conc: 20.81 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.001 min
Response: 2028050
Conc: 20.93 ug/ml