

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025975.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 11:07
 Operator : AJ\SJ
 Sample : AR SOIL IDOC 01
 Misc : FOR EGHOSA
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:02:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 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...	7.423	3574000	45.782 ug/ml
Spiked Amount 50.000		Recovery =	91.56%
6) S 2-Fluorobiphenyl (SURR)	8.277	2594567	47.087 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.17%
11) S ortho-Terphenyl (SURR)	11.322	4124386	47.951 ug/ml
Spiked Amount 50.000		Recovery =	95.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3782155	44.652 ug/ml
2) T Naphthalene (C11.7)	5.757	4118861	44.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	4068832	45.572 ug/ml
5) T Acenaphthylene (C15.06)	8.080	4039729	46.420 ug/ml
7) T Acenaphthene (C15.5)	8.376	4233835	46.592 ug/ml
8) T Flouorene (C16.55)	9.156	4272356	47.548 ug/ml
9) T Phenanthrene (C19.36)	10.547	4503879	48.365 ug/ml
10) T Anthracene (C19.43)	10.622	4293920	46.894 ug/ml
12) T Fluoranthene (C21.85)	12.354	4698003	47.933 ug/ml
13) T Pyrene (C20.8)	12.649	4762575	47.826 ug/ml
14) T Benzo[a]anthracene (C...	14.520	4628338	47.885 ug/ml
15) T Chrysene (C27.41)	14.564	4698902	48.317 ug/ml
16) T benzo[b]fluoranthene ...	16.068	4809627	48.954 ug/ml
17) T Bnezo[k]fluoranthene ...	16.104	4789647	49.127 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	4755167	48.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	4360315	45.994 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	4313664	46.587 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	4515489	46.935 ug/ml

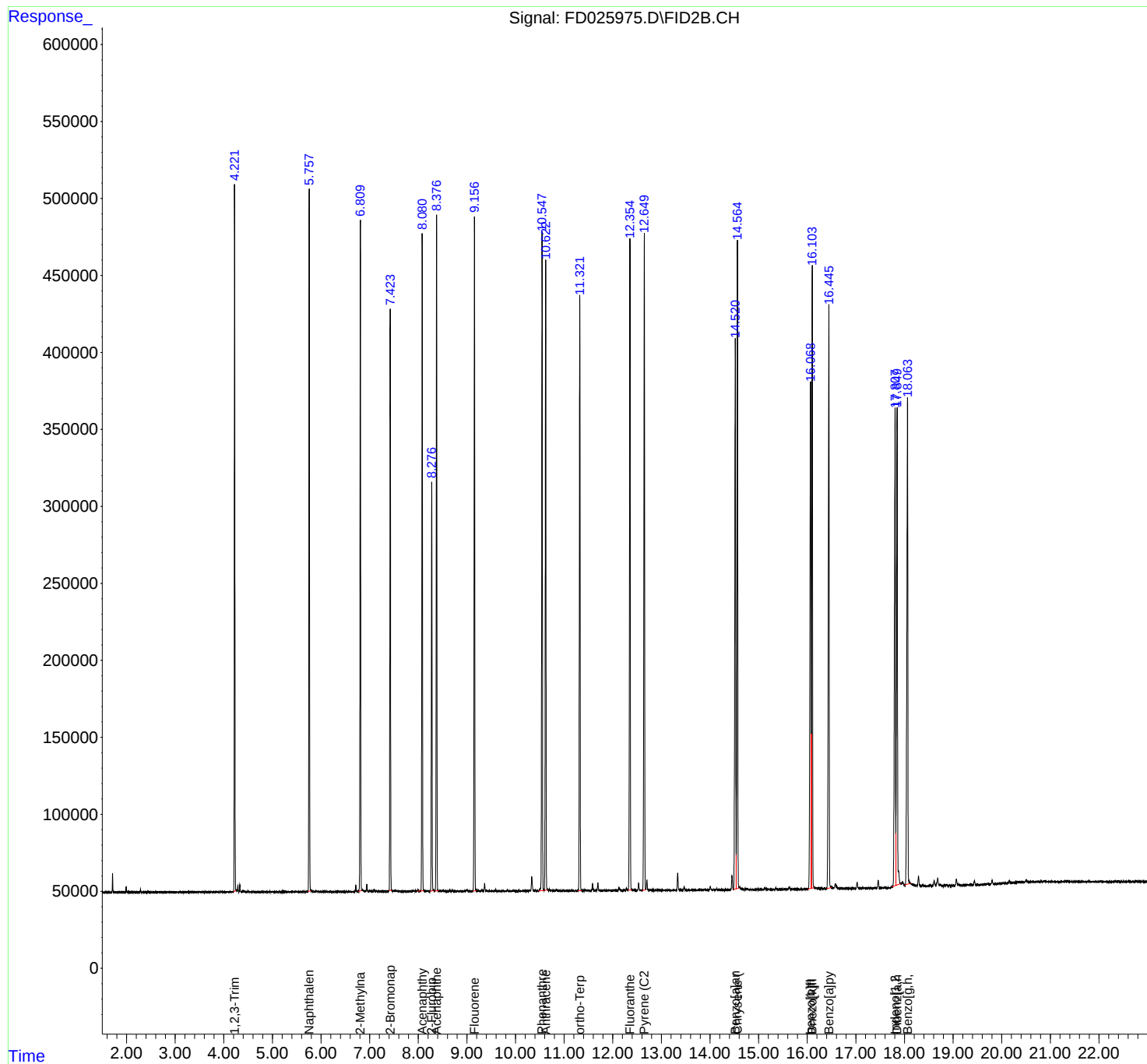
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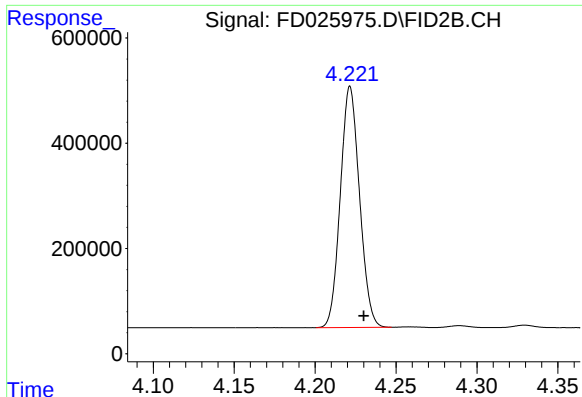
(m)=manual int.

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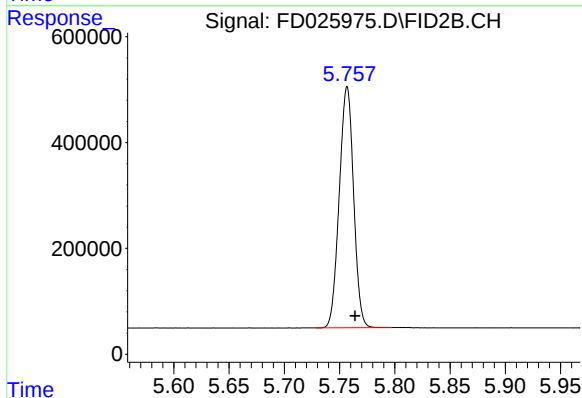
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





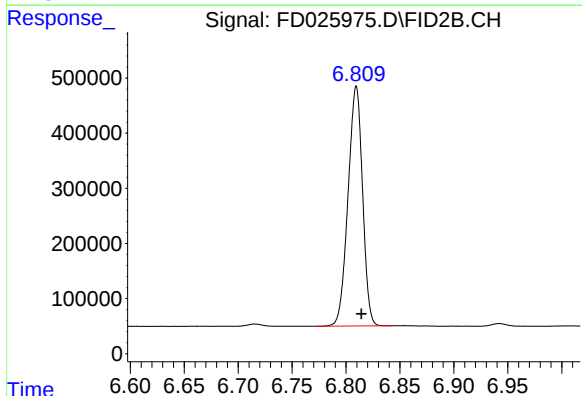
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.008 min
Response: 3782155
Conc: 44.65 ug/ml



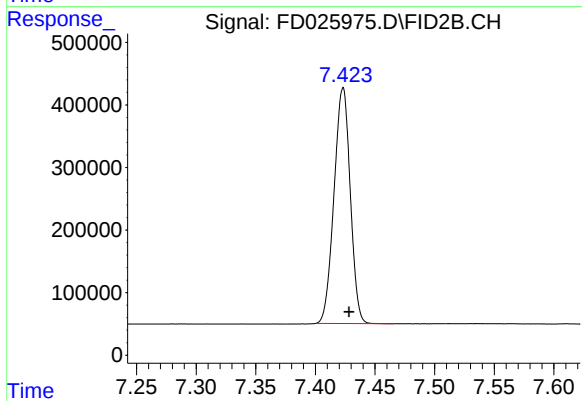
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.007 min
Response: 4118861
Conc: 44.97 ug/ml



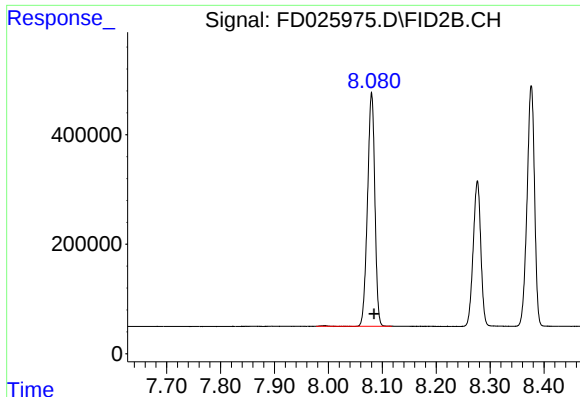
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 4068832
Conc: 45.57 ug/ml



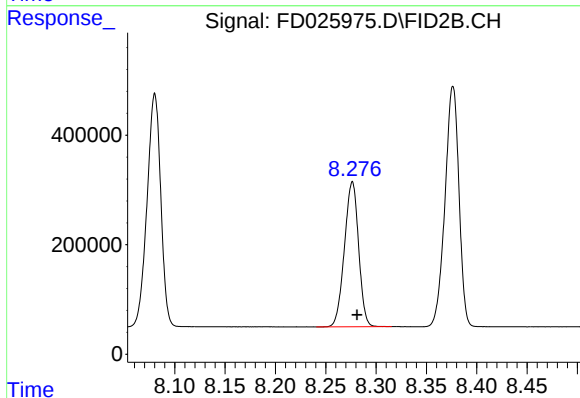
#4 2-Bromonaphthalene (SURR)

R.T.: 7.423 min
Delta R.T.: -0.005 min
Response: 3574000
Conc: 45.78 ug/ml



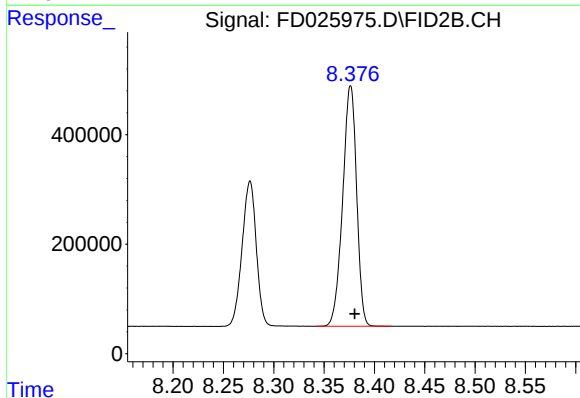
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.004 min
Response: 4039729
Conc: 46.42 ug/ml



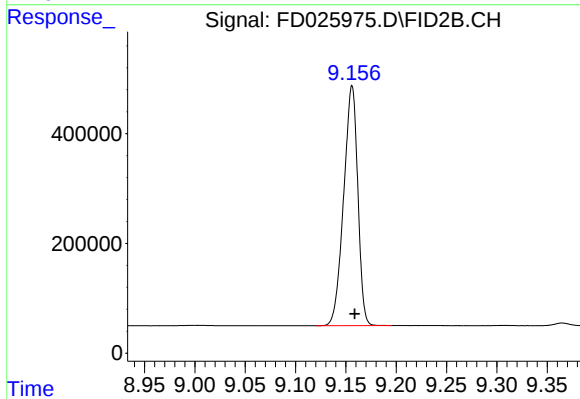
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 2594567
Conc: 47.09 ug/ml



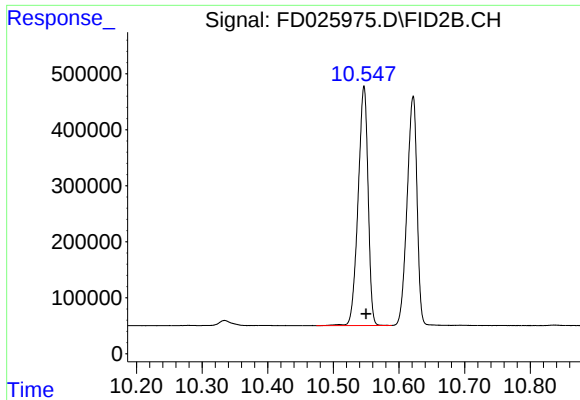
#7 Acenaphthene (C15.5)

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 4233835
Conc: 46.59 ug/ml



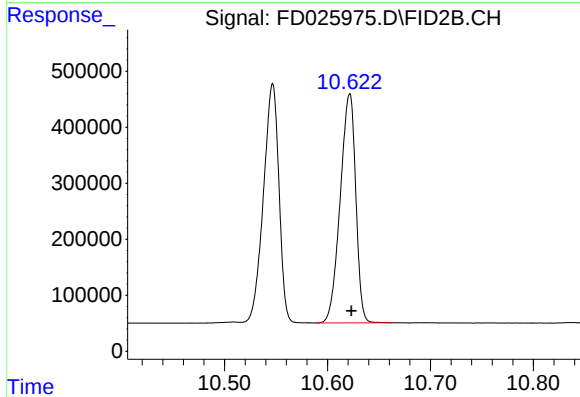
#8 Fluorene (C16.55)

R.T.: 9.156 min
Delta R.T.: -0.003 min
Response: 4272356
Conc: 47.55 ug/ml



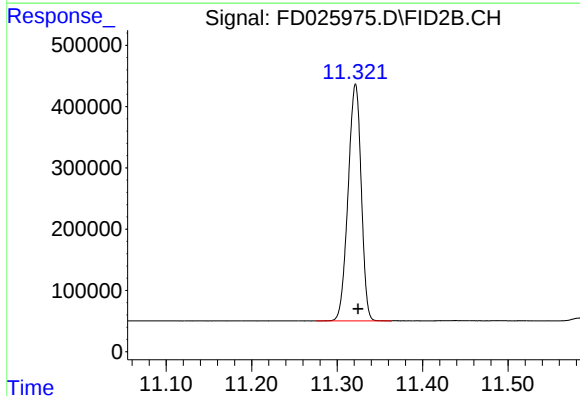
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.003 min
Response: 4503879
Conc: 48.37 ug/ml



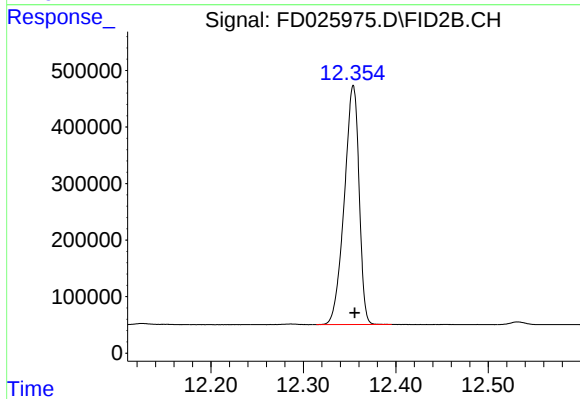
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.002 min
Response: 4293920
Conc: 46.89 ug/ml



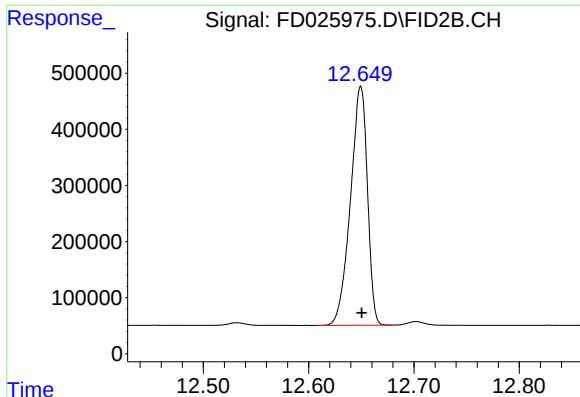
#11 ortho-Terphenyl (SURR)

R.T.: 11.322 min
Delta R.T.: -0.003 min
Response: 4124386
Conc: 47.95 ug/ml



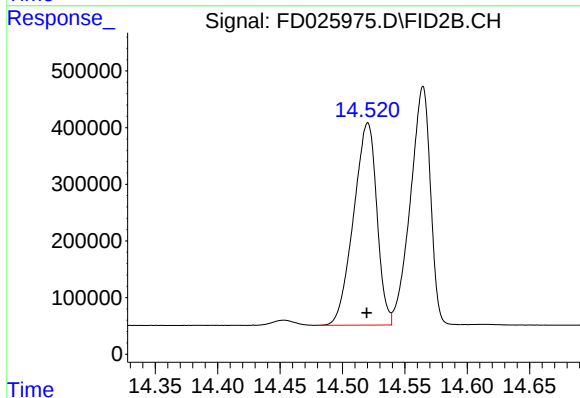
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 4698003
Conc: 47.93 ug/ml



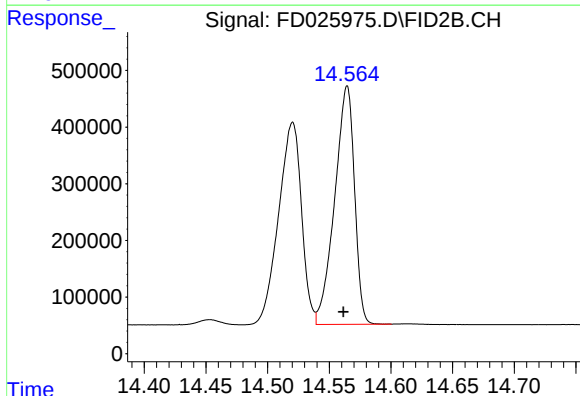
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: 0.000 min
Response: 4762575
Conc: 47.83 ug/ml



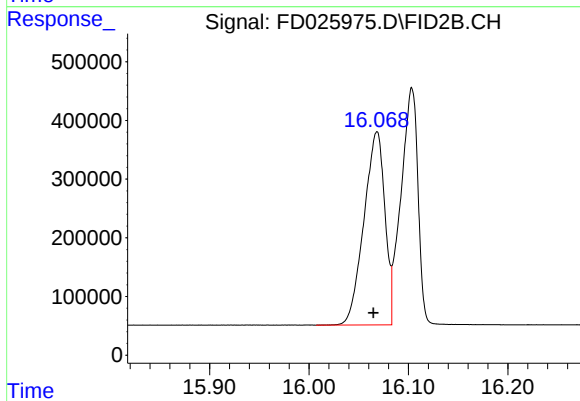
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.000 min
Response: 4628338
Conc: 47.89 ug/ml



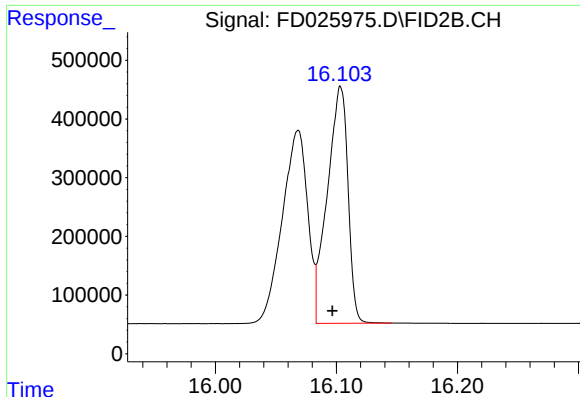
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: 0.003 min
Response: 4698902
Conc: 48.32 ug/ml



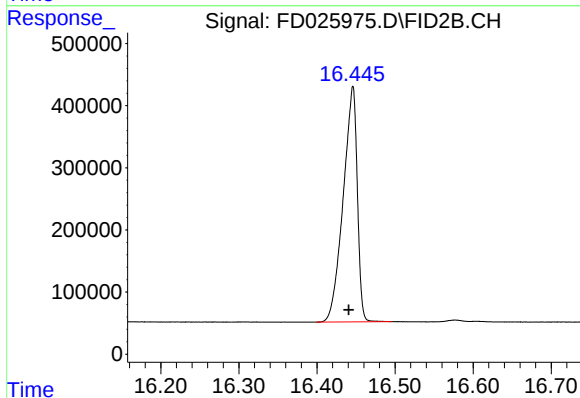
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.068 min
Delta R.T.: 0.004 min
Response: 4809627
Conc: 48.95 ug/ml



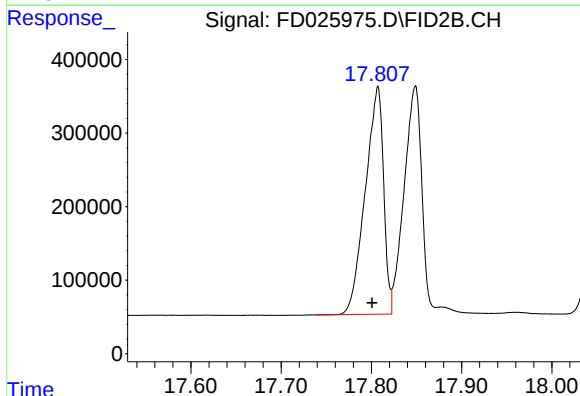
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.104 min
Delta R.T.: 0.007 min
Response: 4789647
Conc: 49.13 ug/ml



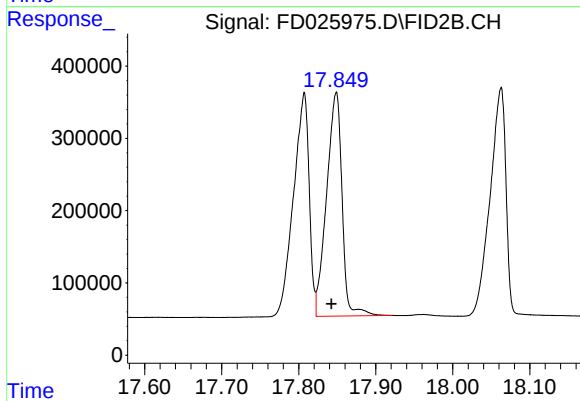
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: 0.005 min
Response: 4755167
Conc: 48.68 ug/ml



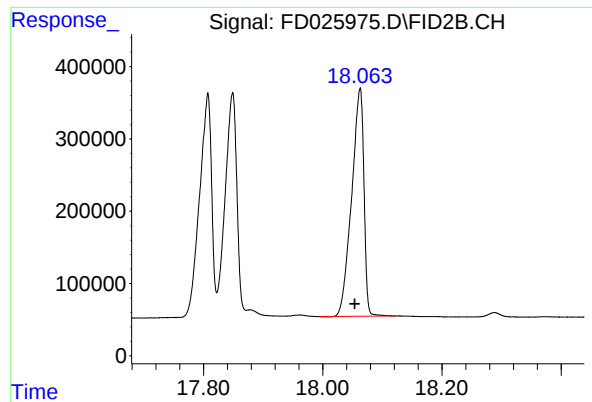
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.006 min
Response: 4360315
Conc: 45.99 ug/ml



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

R.T.: 17.849 min
Delta R.T.: 0.006 min
Response: 4313664
Conc: 46.59 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.009 min
Response: 4515489
Conc: 46.94 ug/ml