

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101018AR\
 Data File : FD025960.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2018 10:33
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 11:10:08 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...	7.424	1650883	21.147 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
6) S 2-Fluorobiphenyl (SURR)	8.276	1186119	21.526 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.05%
11) S ortho-Terphenyl (SURR)	11.320	1919854	22.321 ug/ml
Spiked Amount 50.000		Recovery =	44.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	1723657	20.349 ug/ml
2) T Naphthalene (C11.7)	5.759	1888906	20.623 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	1875412	21.005 ug/ml
5) T Acenaphthylene (C15.06)	8.080	1852139	21.283 ug/ml
7) T Acenaphthene (C15.5)	8.375	1940804	21.358 ug/ml
8) T Flouorene (C16.55)	9.153	1945777	21.655 ug/ml
9) T Phenanthrene (C19.36)	10.545	2019962	21.691 ug/ml
10) T Anthracene (C19.43)	10.618	1976996	21.591 ug/ml
12) T Fluoranthene (C21.85)	12.351	2129249	21.724 ug/ml
13) T Pyrene (C20.8)	12.646	2143390	21.524 ug/ml
14) T Benzo[a]anthracene (C...	14.515	2093820	21.663 ug/ml
15) T Chrysene (C27.41)	14.557	2129707	21.899 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2150536	21.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.093	2180651	22.367 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	2108809	21.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	1930803	20.367 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	1843034	19.904 ug/ml
21) T Benzo[g,h,i]perylene ...	18.050	2040120	21.205 ug/ml

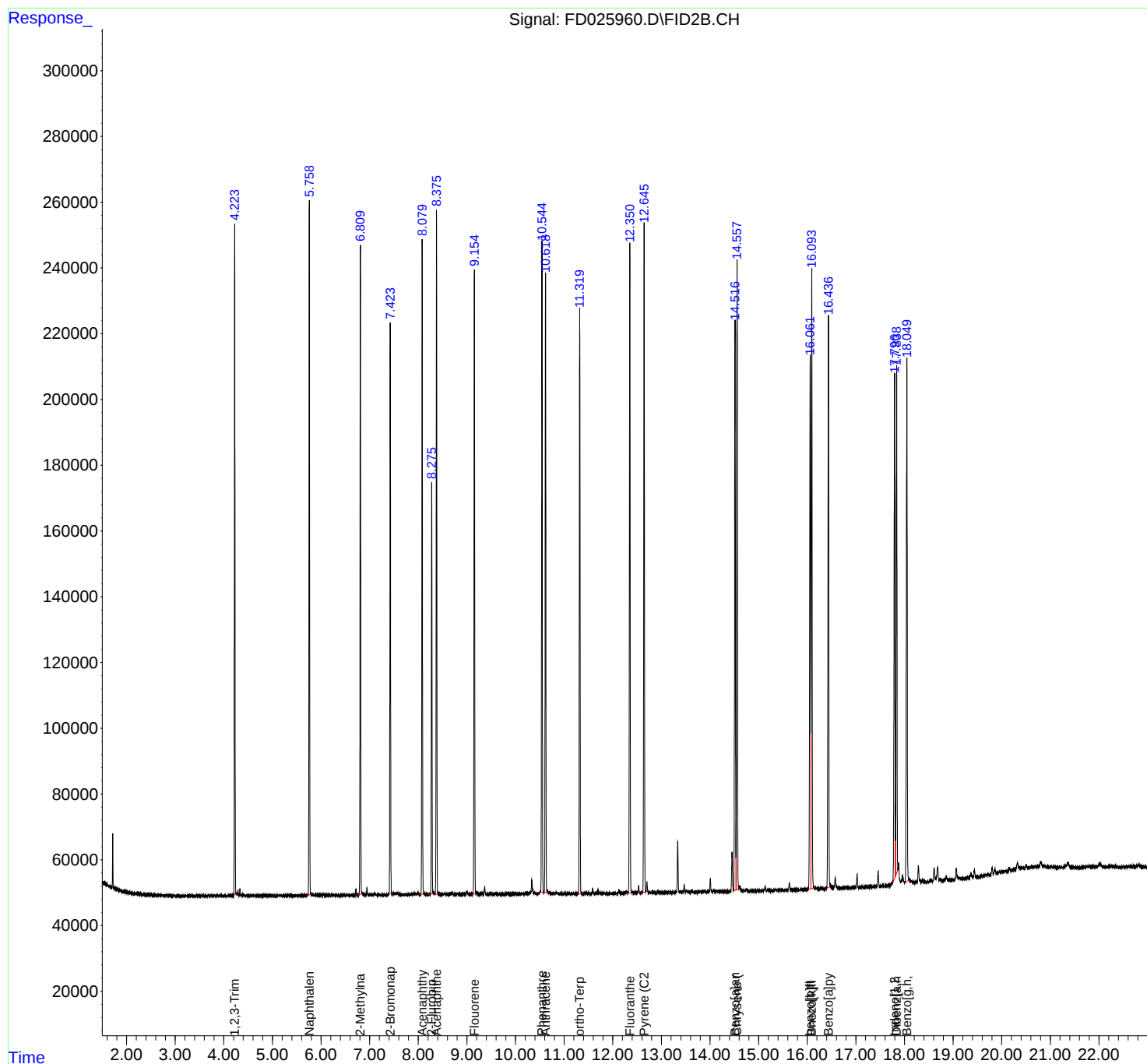
(f)=RT Delta > 1/2 Window

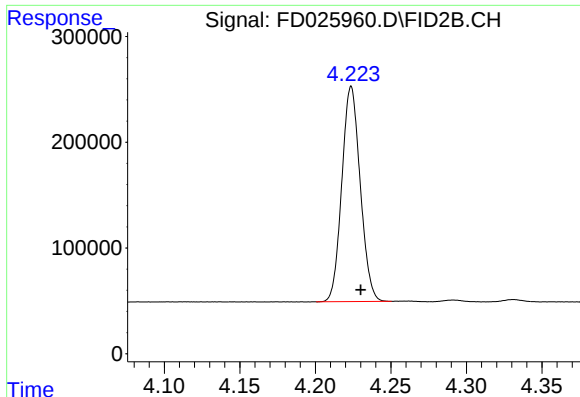
(m)=manual int.

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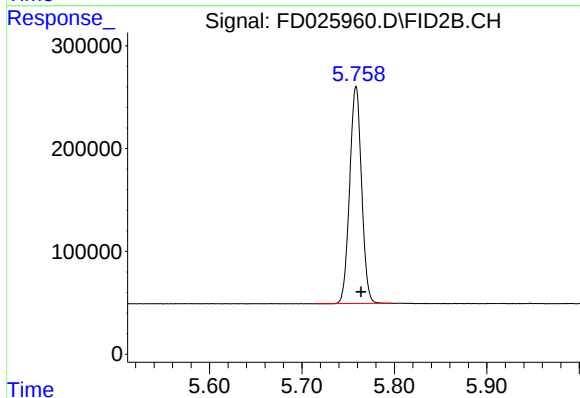
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





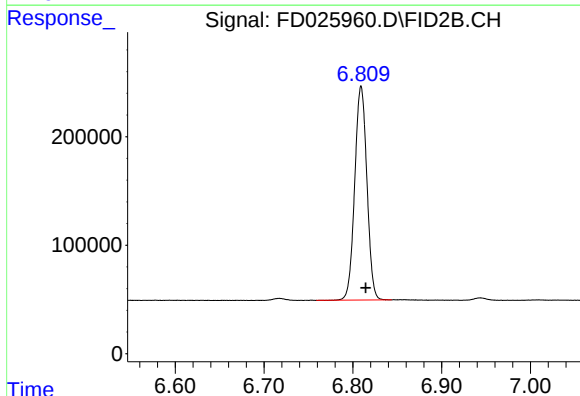
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.224 min
Delta R.T.: -0.006 min
Response: 1723657
Conc: 20.35 ug/ml



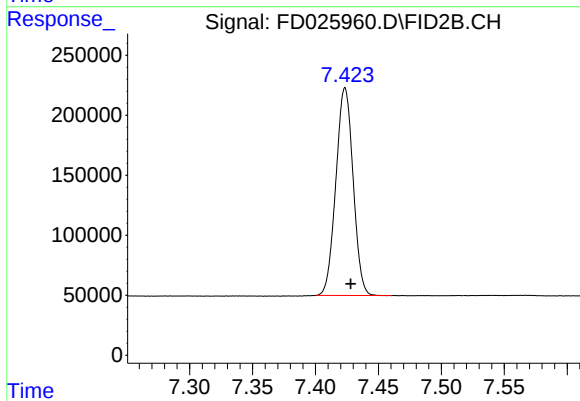
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.005 min
Response: 1888906
Conc: 20.62 ug/ml



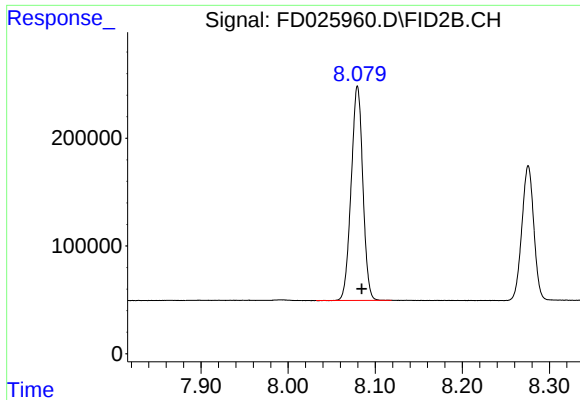
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 1875412
Conc: 21.01 ug/ml



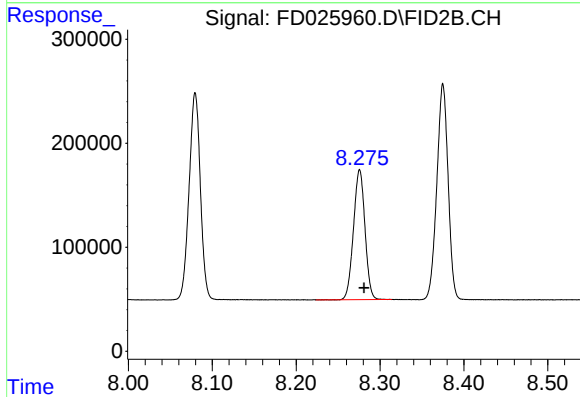
#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min
Delta R.T.: -0.005 min
Response: 1650883
Conc: 21.15 ug/ml



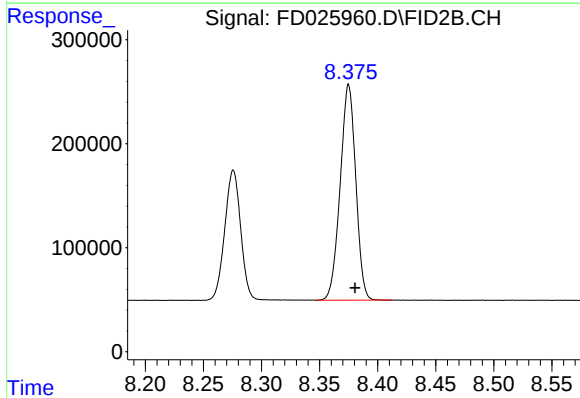
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.005 min
Response: 1852139
Conc: 21.28 ug/ml



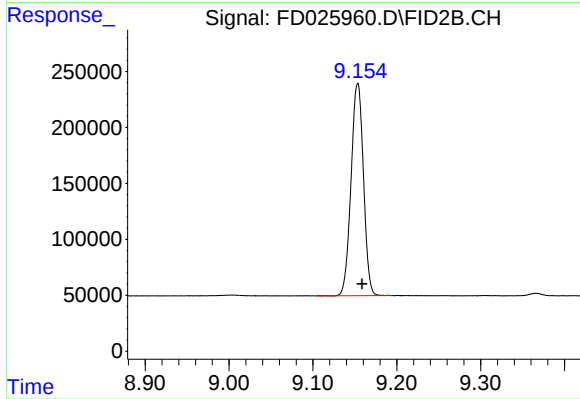
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.005 min
Response: 1186119
Conc: 21.53 ug/ml



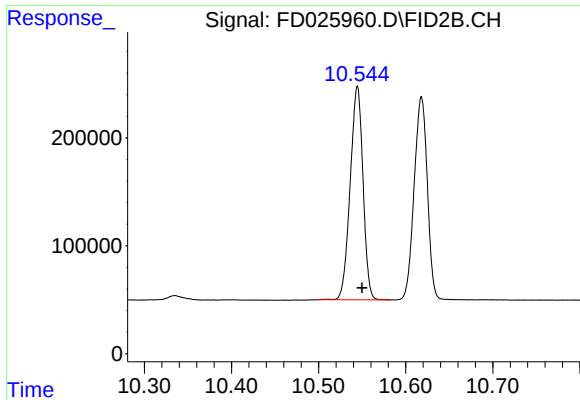
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.005 min
Response: 1940804
Conc: 21.36 ug/ml



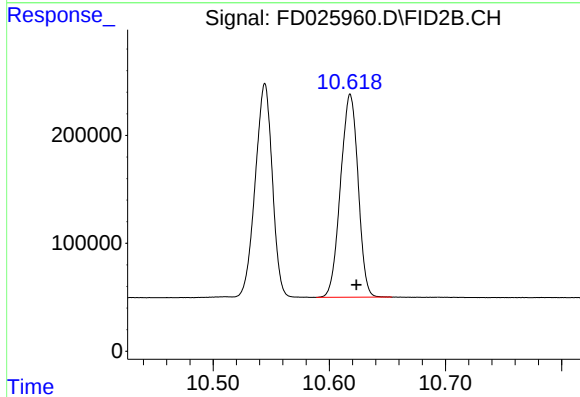
#8 Fluorene (C16.55)

R.T.: 9.153 min
Delta R.T.: -0.005 min
Response: 1945777
Conc: 21.66 ug/ml



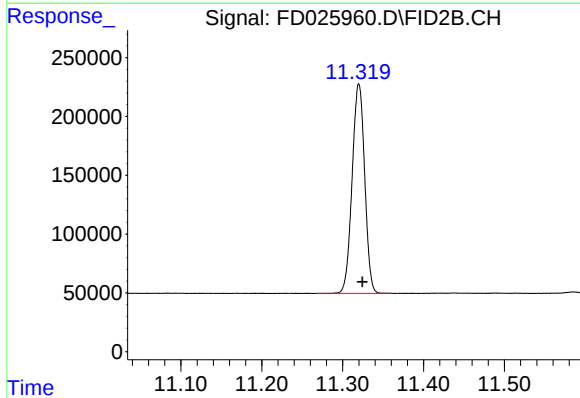
#9 Phenanthrene (C19.36)

R.T.: 10.545 min
Delta R.T.: -0.006 min
Response: 2019962
Conc: 21.69 ug/ml



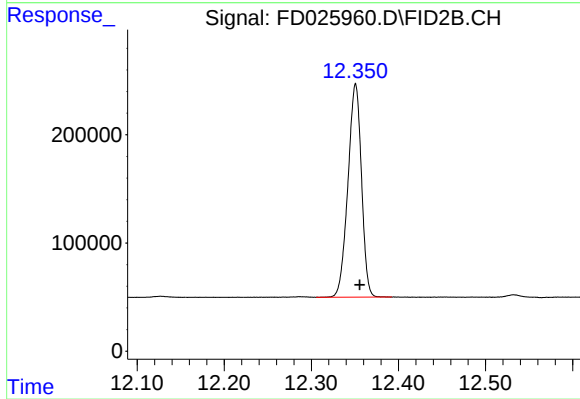
#10 Anthracene (C19.43)

R.T.: 10.618 min
Delta R.T.: -0.005 min
Response: 1976996
Conc: 21.59 ug/ml



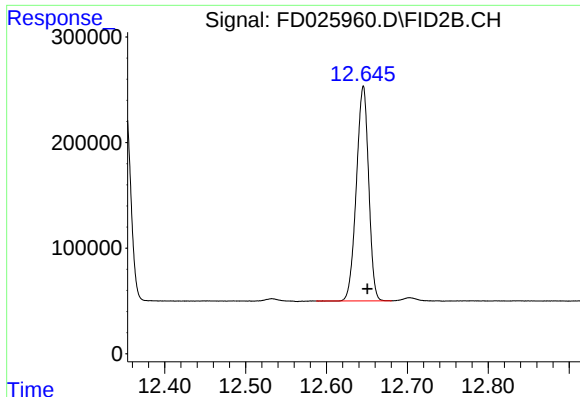
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.005 min
Response: 1919854
Conc: 22.32 ug/ml



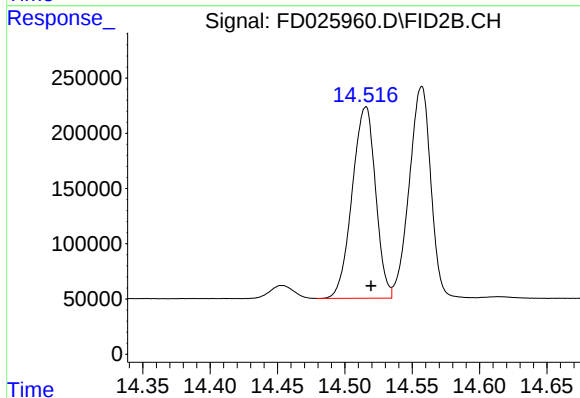
#12 Fluoranthene (C21.85)

R.T.: 12.351 min
Delta R.T.: -0.005 min
Response: 2129249
Conc: 21.72 ug/ml



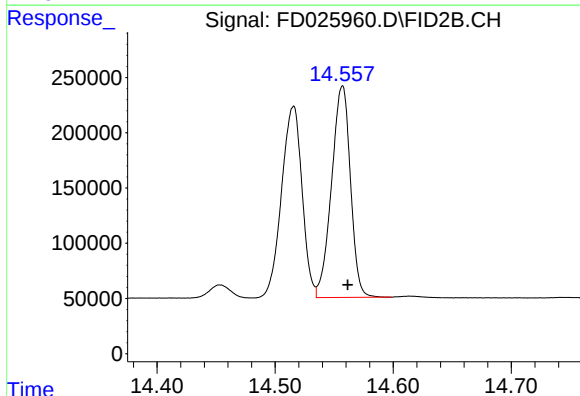
#13 Pyrene (C20.8)

R.T.: 12.646 min
Delta R.T.: -0.005 min
Response: 2143390
Conc: 21.52 ug/ml



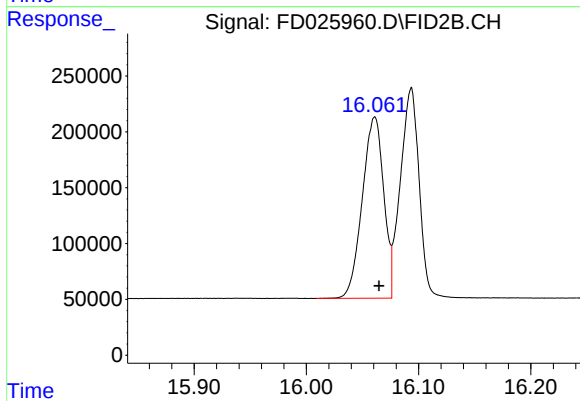
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.515 min
Delta R.T.: -0.004 min
Response: 2093820
Conc: 21.66 ug/ml



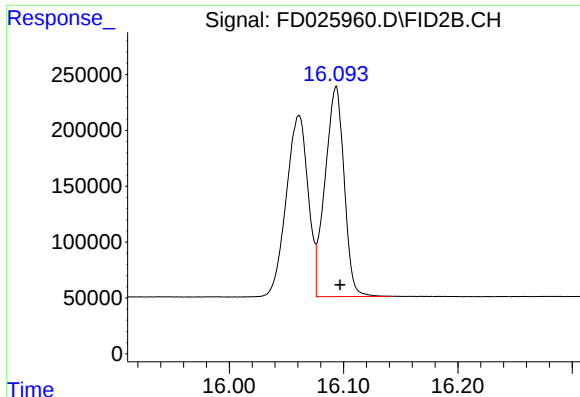
#15 Chrysene (C27.41)

R.T.: 14.557 min
Delta R.T.: -0.005 min
Response: 2129707
Conc: 21.90 ug/ml



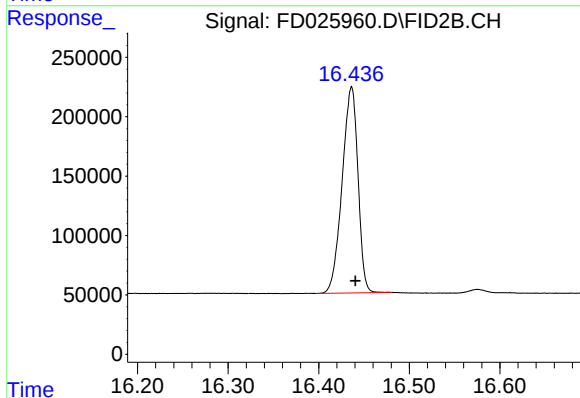
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.061 min
Delta R.T.: -0.004 min
Response: 2150536
Conc: 21.89 ug/ml



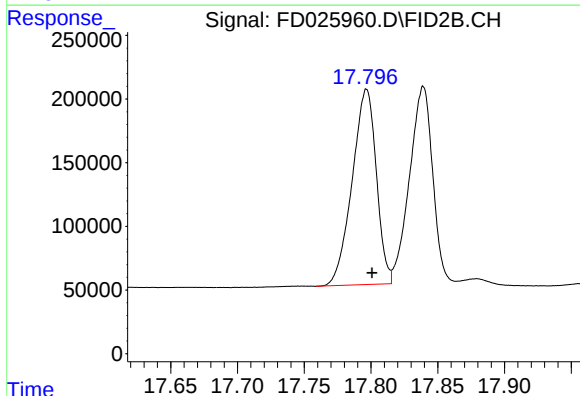
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.093 min
Delta R.T.: -0.003 min
Response: 2180651
Conc: 22.37 ug/ml



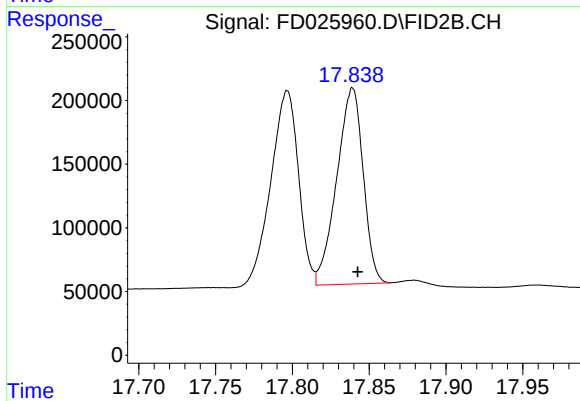
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: -0.004 min
Response: 2108809
Conc: 21.59 ug/ml



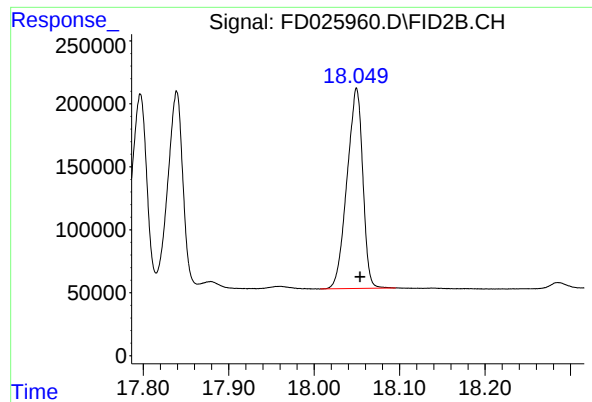
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.004 min
Response: 1930803
Conc: 20.37 ug/ml



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

R.T.: 17.839 min
Delta R.T.: -0.003 min
Response: 1843034
Conc: 19.90 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.004 min
Response: 2040120
Conc: 21.21 ug/ml