

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025411.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 10:56
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 12:12:09 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...	7.437	1415751	18.340 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
6) S 2-Fluorobiphenyl (SURR)	8.290	1005244	18.696 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.39%
11) S ortho-Terphenyl (SURR)	11.335	1629662	19.203 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	1491919	19.102 ug/ml
2) T Naphthalene (C11.7)	5.771	1622843	18.837 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	1603872	18.654 ug/ml
5) T Acenaphthylene (C15.06)	8.094	1579794	18.599 ug/ml
7) T Acenaphthene (C15.5)	8.389	1652531	18.560 ug/ml
8) T Flouorene (C16.55)	9.169	1648877	18.514 ug/ml
9) T Phenanthrene (C19.36)	10.560	1703291	19.018 ug/ml
10) T Anthracene (C19.43)	10.634	1676421	19.038 ug/ml
12) T Fluoranthene (C21.85)	12.367	1804034	20.533 ug/ml
13) T Pyrene (C20.8)	12.662	1826691	20.786 ug/ml
14) T Benzo[a]anthracene (C...	14.531	1825400	21.887 ug/ml
15) T Chrysene (C27.41)	14.571	1839217	21.833 ug/ml
16) T benzo[b]fluoranthene ...	16.076	1899209	21.110 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	1895403	21.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	1889566	20.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	1851143	19.621 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	1825812	19.951 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	1888358	19.493 ug/ml

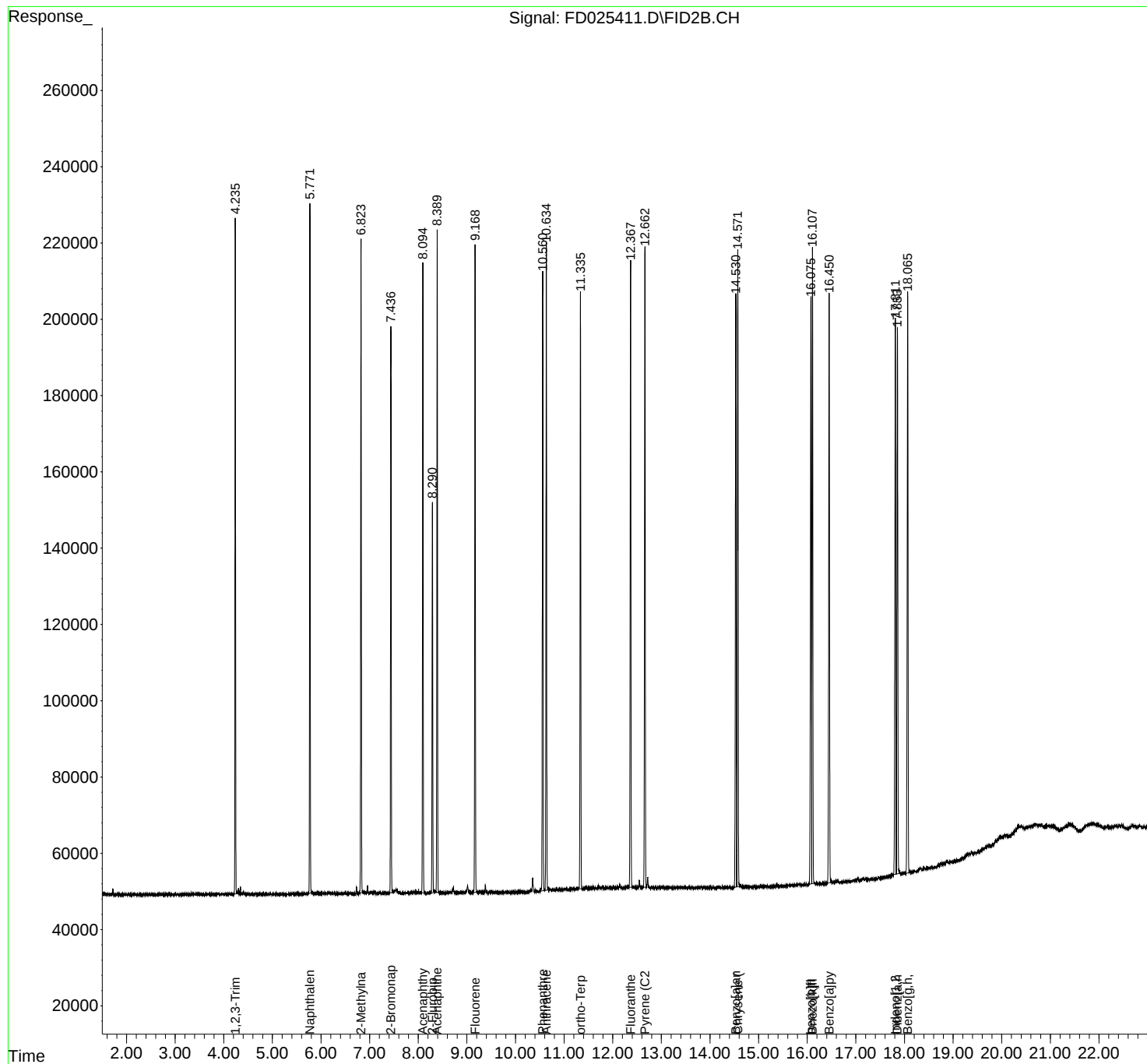
(f)=RT Delta > 1/2 Window

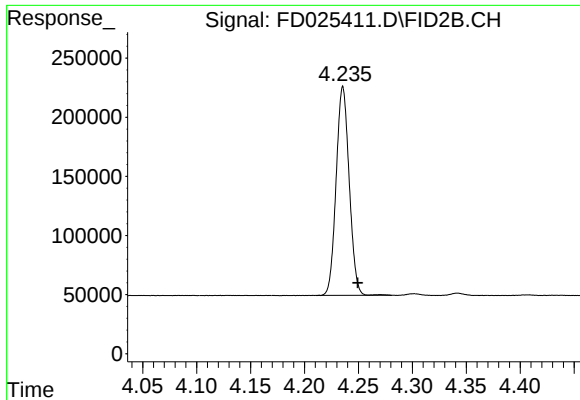
(m)=manual int.

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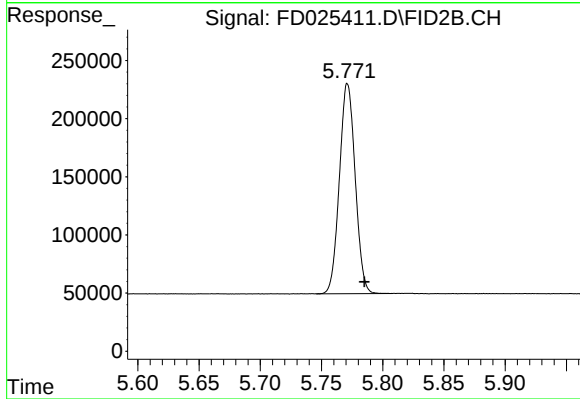
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
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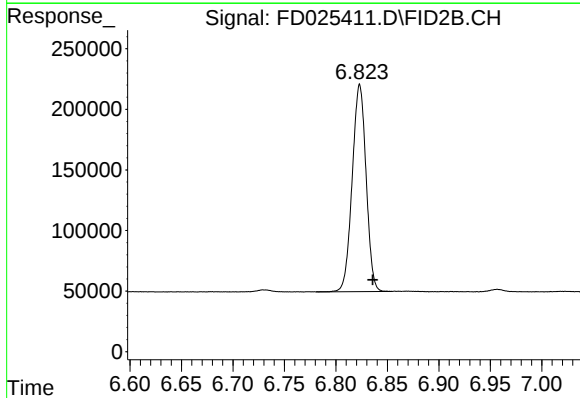
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.014 min
Response: 1491919
Conc: 19.10 ug/ml



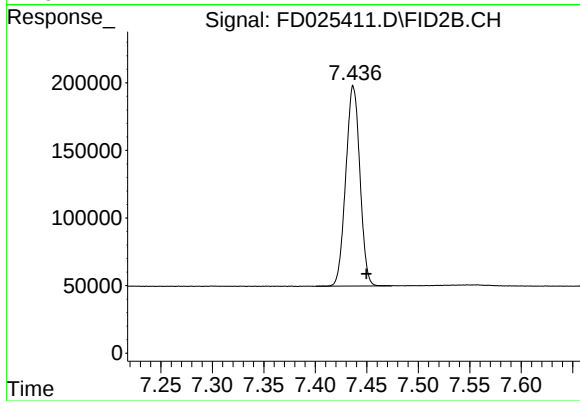
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 1622843
Conc: 18.84 ug/ml



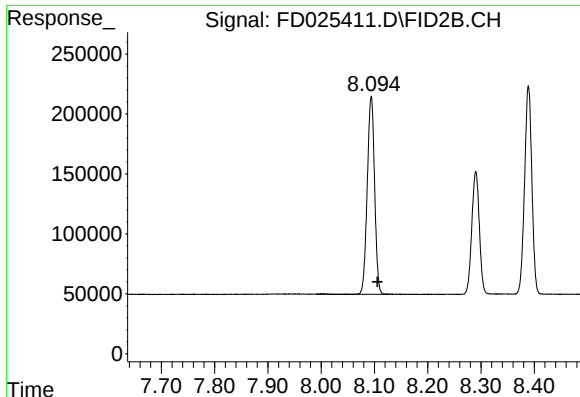
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.013 min
Response: 1603872
Conc: 18.65 ug/ml



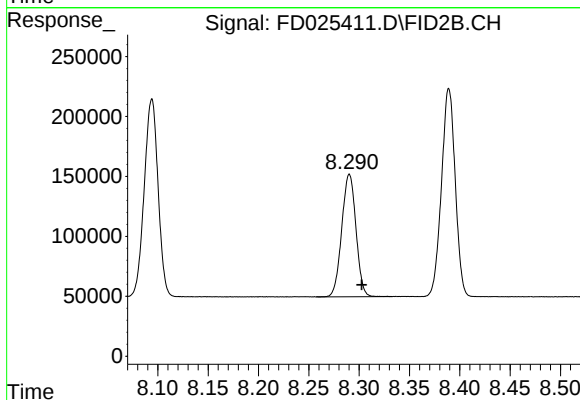
#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: -0.013 min
Response: 1415751
Conc: 18.34 ug/ml



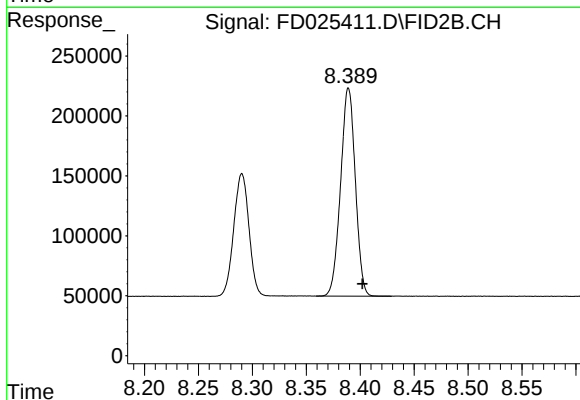
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 1579794
Conc: 18.60 ug/ml



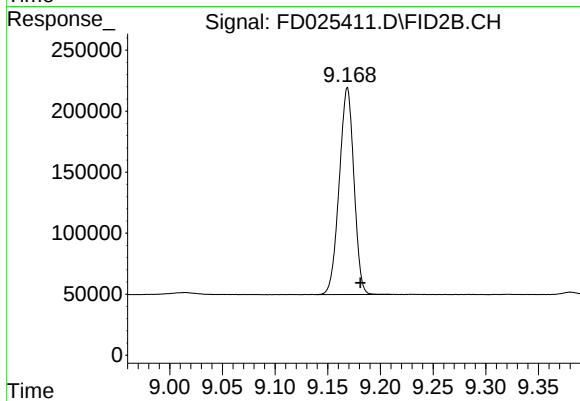
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.012 min
Response: 1005244
Conc: 18.70 ug/ml



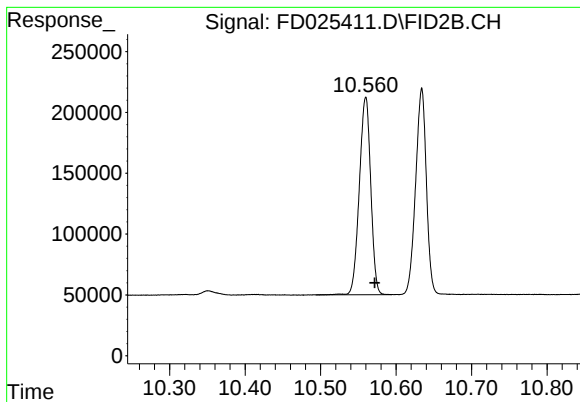
#7 Acenaphthene (C15.5)

R.T.: 8.389 min
Delta R.T.: -0.013 min
Response: 1652531
Conc: 18.56 ug/ml



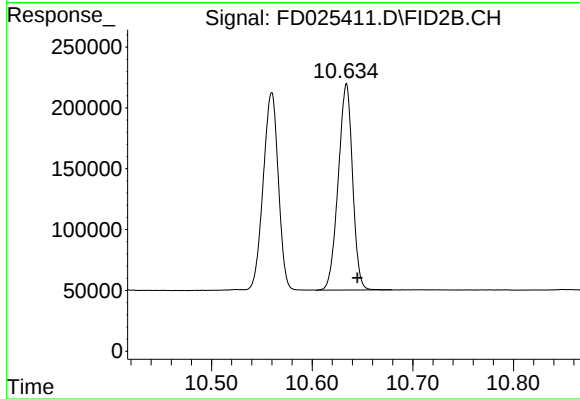
#8 Fluorene (C16.55)

R.T.: 9.169 min
Delta R.T.: -0.012 min
Response: 1648877
Conc: 18.51 ug/ml



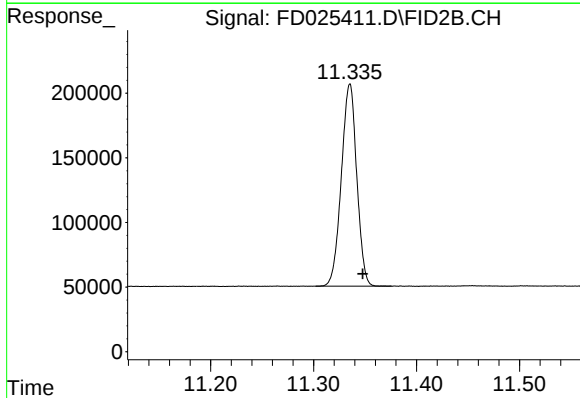
#9 Phenanthrene (C19.36)

R.T.: 10.560 min
Delta R.T.: -0.012 min
Response: 1703291
Conc: 19.02 ug/ml



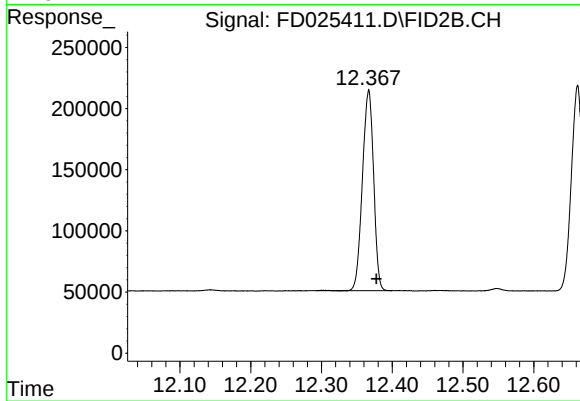
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.011 min
Response: 1676421
Conc: 19.04 ug/ml



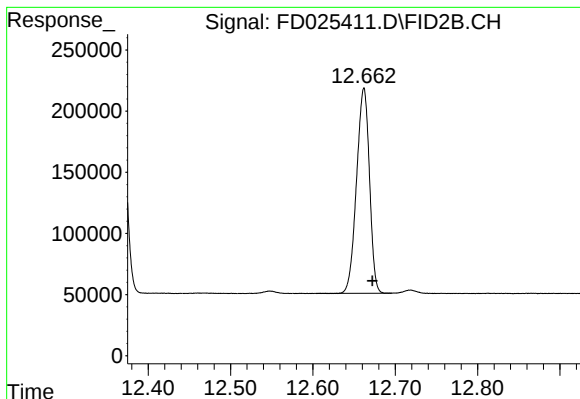
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 1629662
Conc: 19.20 ug/ml



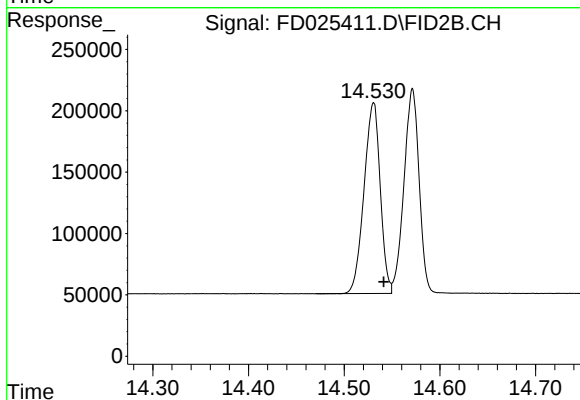
#12 Fluoranthene (C21.85)

R.T.: 12.367 min
Delta R.T.: -0.011 min
Response: 1804034
Conc: 20.53 ug/ml



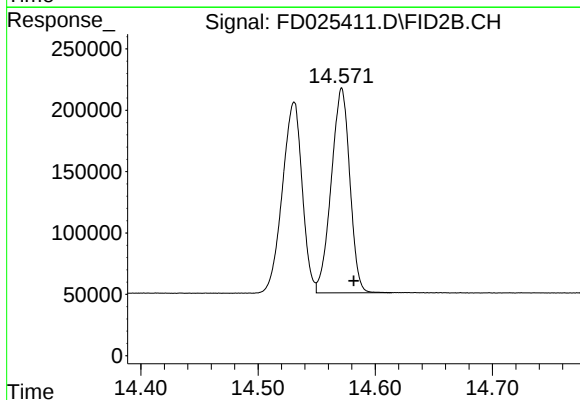
#13 Pyrene (C20.8)

R.T.: 12.662 min
Delta R.T.: -0.010 min
Response: 1826691
Conc: 20.79 ug/ml



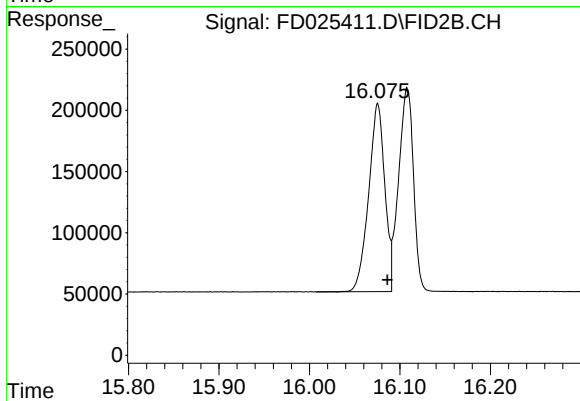
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.011 min
Response: 1825400
Conc: 21.89 ug/ml



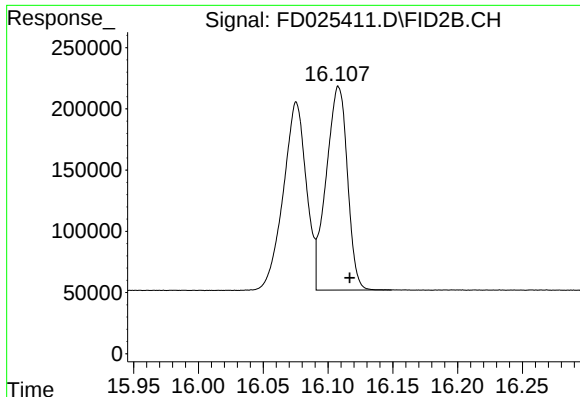
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: -0.010 min
Response: 1839217
Conc: 21.83 ug/ml



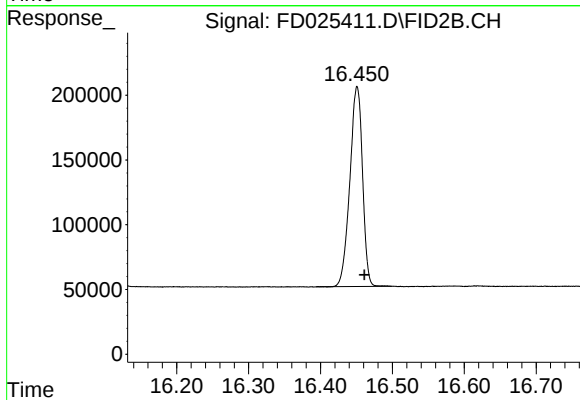
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: -0.011 min
Response: 1899209
Conc: 21.11 ug/ml



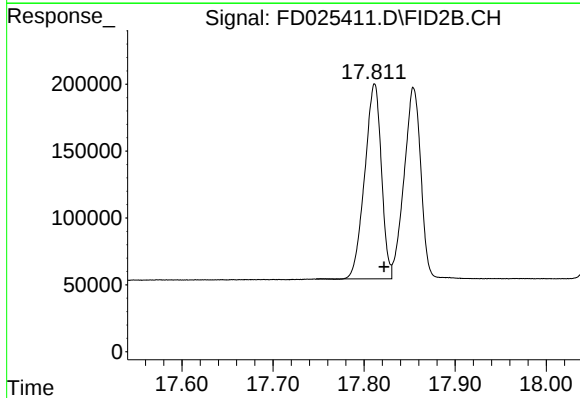
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: -0.009 min
Response: 1895403
Conc: 21.05 ug/ml



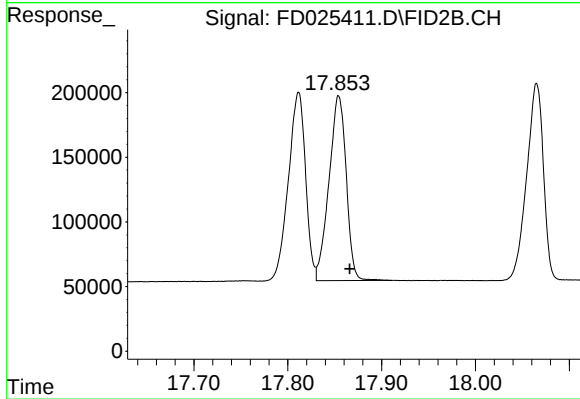
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: -0.010 min
Response: 1889566
Conc: 20.53 ug/ml



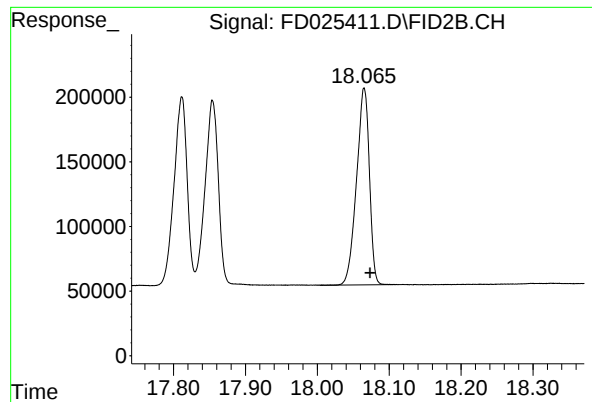
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: -0.010 min
Response: 1851143
Conc: 19.62 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.012 min
Response: 1825812
Conc: 19.95 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.008 min
Response: 1888358
Conc: 19.49 ug/ml