

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091718AR\
 Data File : FD025583.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2018 15:14
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 15:38:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.428	1649981	20.468 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
6) S 2-Fluorobiphenyl (SURR)	8.280	1126884	19.845 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.69%
11) S ortho-Terphenyl (SURR)	11.325	1786492	19.058 ug/ml
Spiked Amount 50.000		Recovery =	38.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	1790514	22.787 ug/ml
2) T Naphthalene (C11.7)	5.763	1901157	21.737 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	1861962	21.000 ug/ml
5) T Acenaphthylene (C15.06)	8.085	1784176	20.015 ug/ml
7) T Acenaphthene (C15.5)	8.379	1861698	19.903 ug/ml
8) T Flouorene (C16.55)	9.158	1831945	19.144 ug/ml
9) T Phenanthrene (C19.36)	10.549	1839043	19.042 ug/ml
10) T Anthracene (C19.43)	10.622	1810996	19.084 ug/ml
12) T Fluoranthene (C21.85)	12.356	1949931	20.326 ug/ml
13) T Pyrene (C20.8)	12.650	1976607	20.657 ug/ml
14) T Benzo[a]anthracene (C...	14.520	2040231	22.797 ug/ml
15) T Chrysene (C27.41)	14.562	2054930	22.905 ug/ml
16) T benzo[b]fluoranthene ...	16.067	2137695	22.370 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	2148740	22.190 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.442	2115489	21.744 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.803	2070162	20.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.846	2025264	20.105 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	2120234	20.494 ug/ml

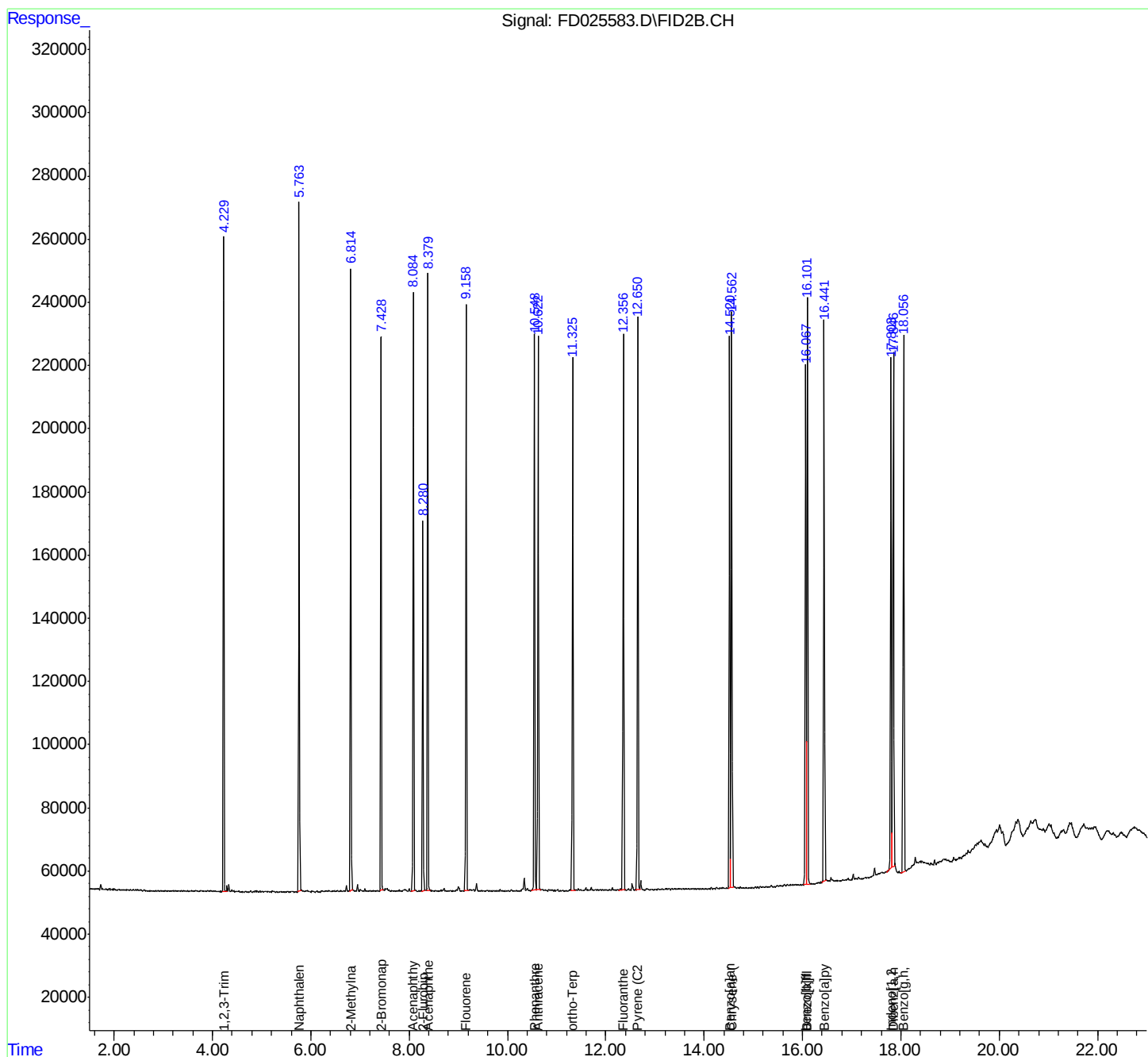
(f)=RT Delta > 1/2 Window

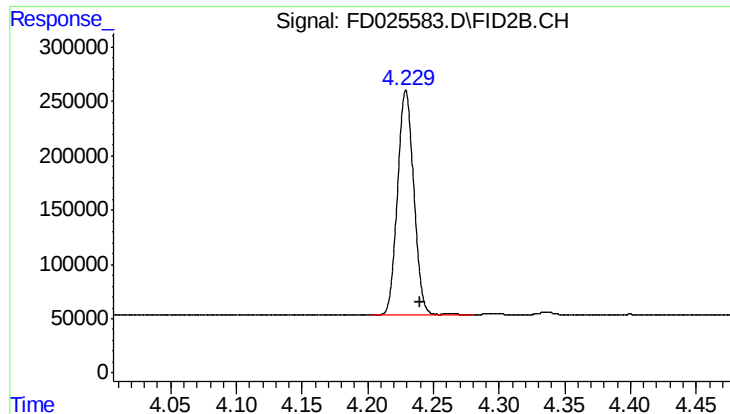
(m)=manual int.

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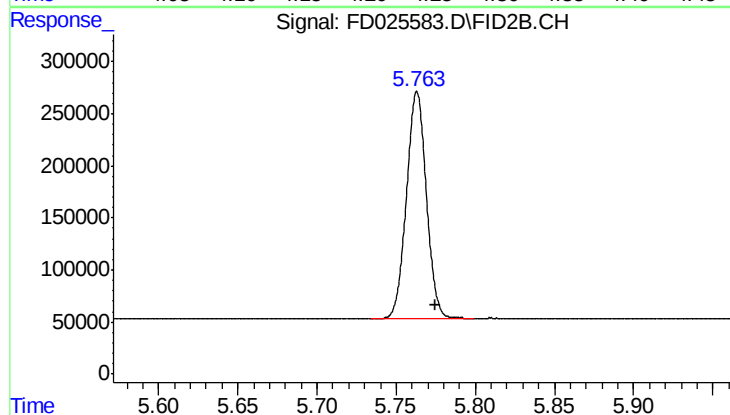
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm





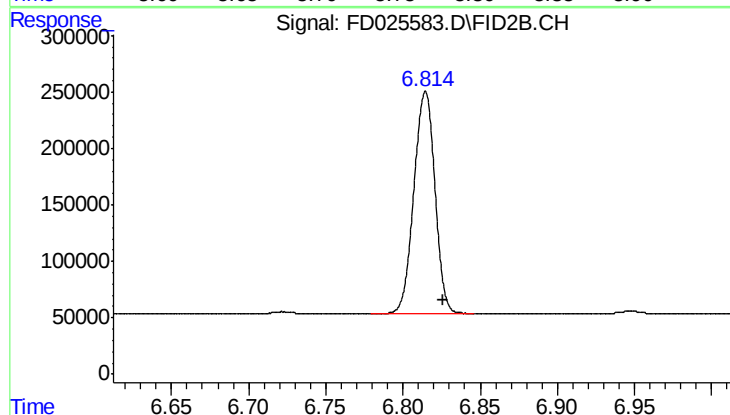
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.229 min
Delta R.T.: -0.011 min
Response: 1790514
Conc: 22.79 ug/ml



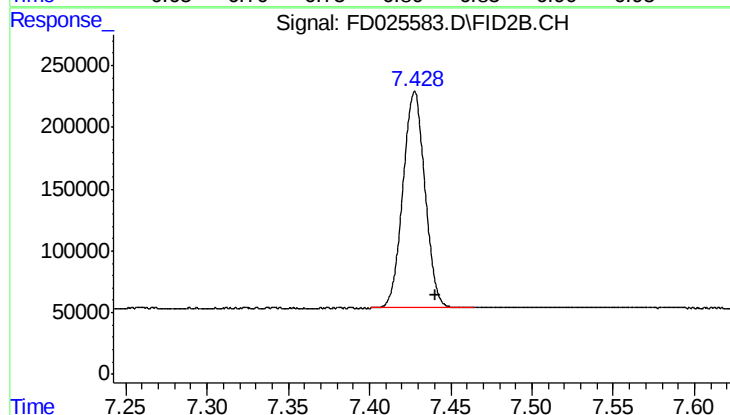
#2 Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: -0.012 min
Response: 1901157
Conc: 21.74 ug/ml



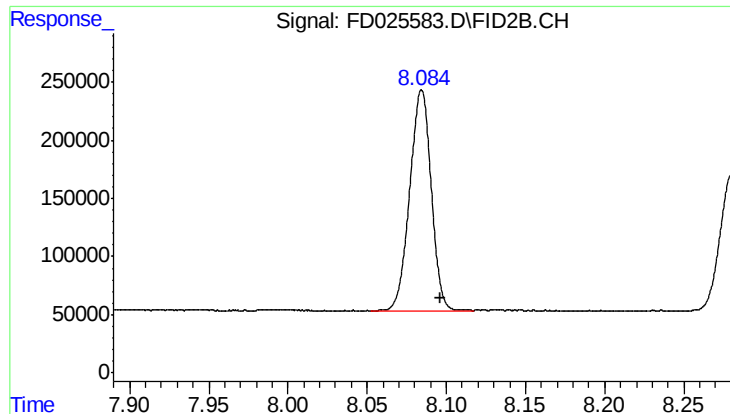
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: -0.011 min
Response: 1861962
Conc: 21.00 ug/ml



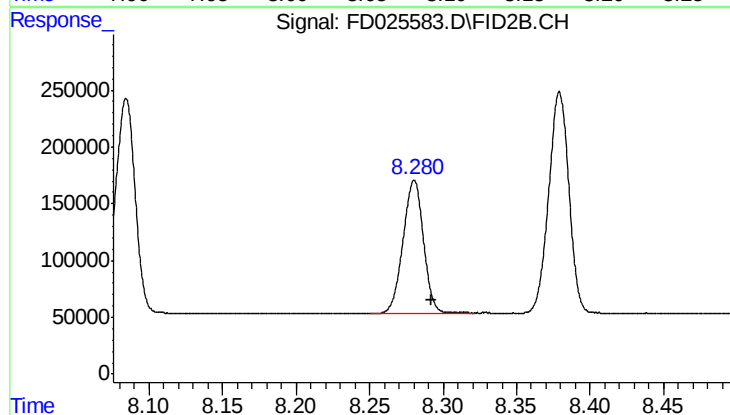
#4 2-Bromonaphthalene (SURR)

R.T.: 7.428 min
Delta R.T.: -0.012 min
Response: 1649981
Conc: 20.47 ug/ml



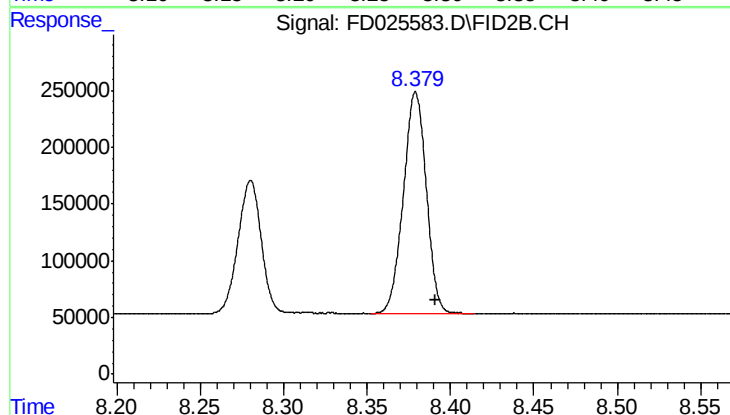
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.012 min
Response: 1784176
Conc: 20.02 ug/ml



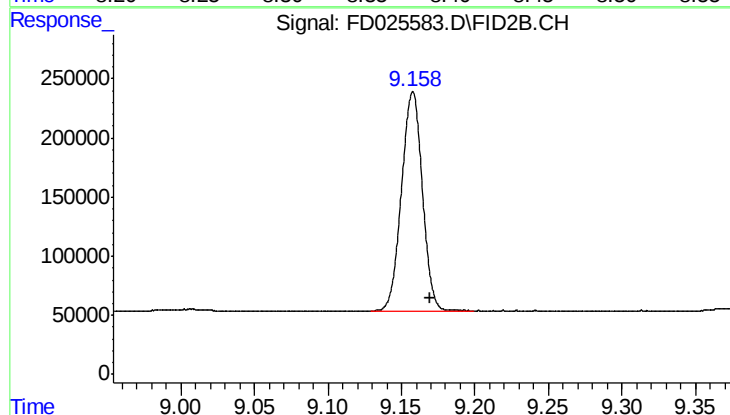
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.280 min
Delta R.T.: -0.012 min
Response: 1126884
Conc: 19.84 ug/ml



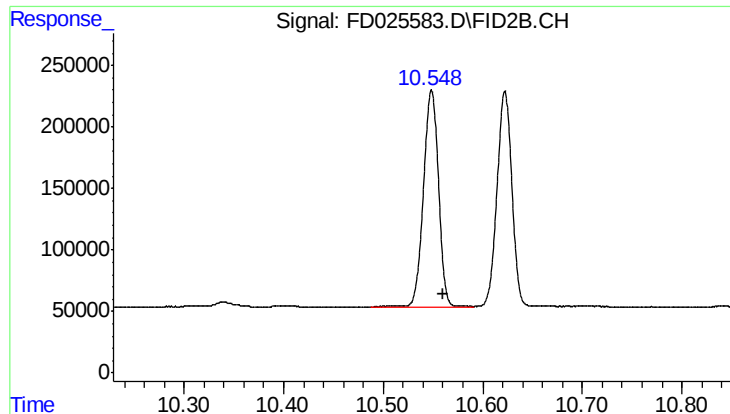
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: -0.011 min
Response: 1861698
Conc: 19.90 ug/ml



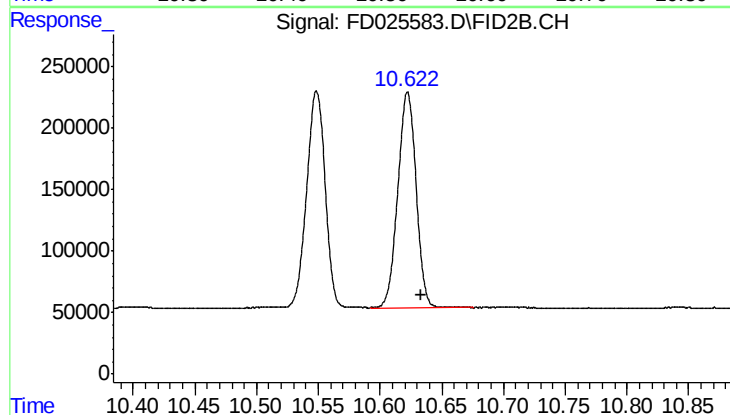
#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.012 min
Response: 1831945
Conc: 19.14 ug/ml



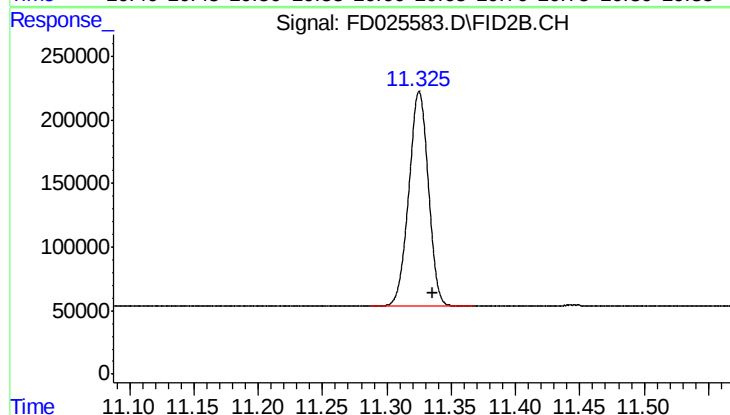
#9 Phenanthrene (C19.36)

R.T.: 10.549 min
Delta R.T.: -0.011 min
Response: 1839043
Conc: 19.04 ug/ml



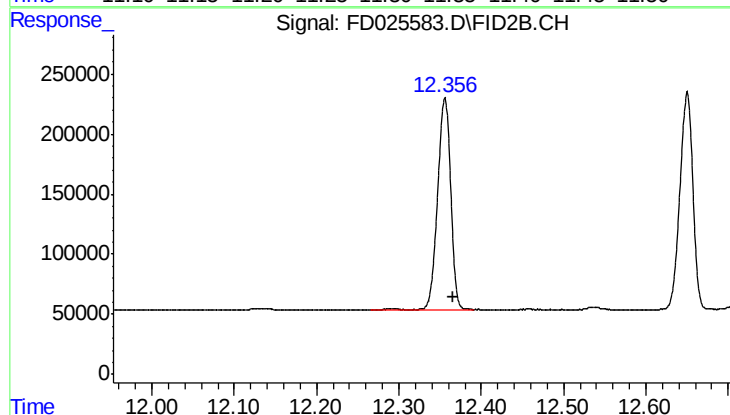
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.011 min
Response: 1810996
Conc: 19.08 ug/ml



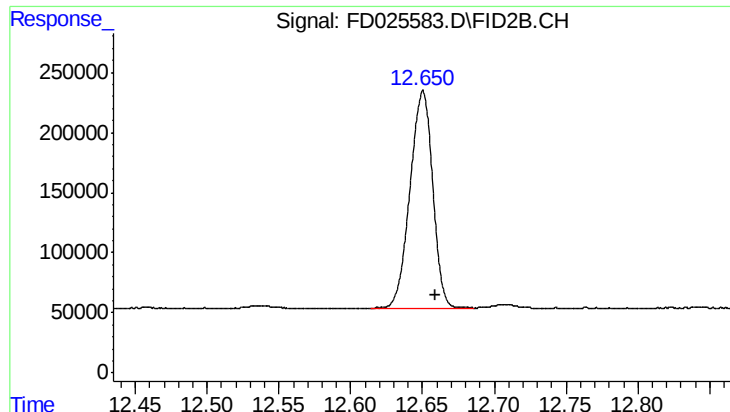
#11 ortho-Terphenyl (SURR)

R.T.: 11.325 min
Delta R.T.: -0.011 min
Response: 1786492
Conc: 19.06 ug/ml



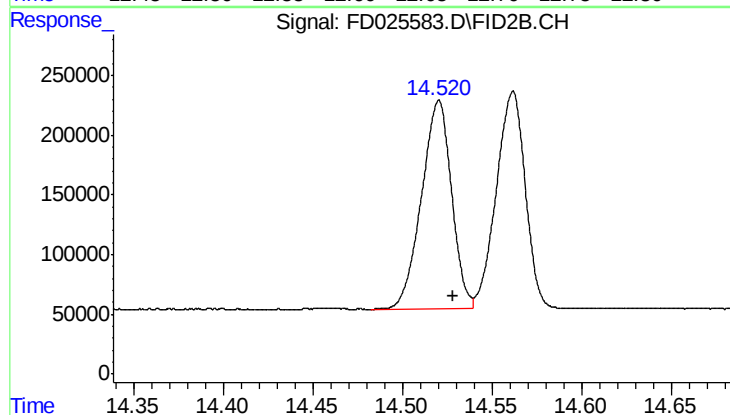
#12 Fluoranthene (C21.85)

R.T.: 12.356 min
Delta R.T.: -0.010 min
Response: 1949931
Conc: 20.33 ug/ml



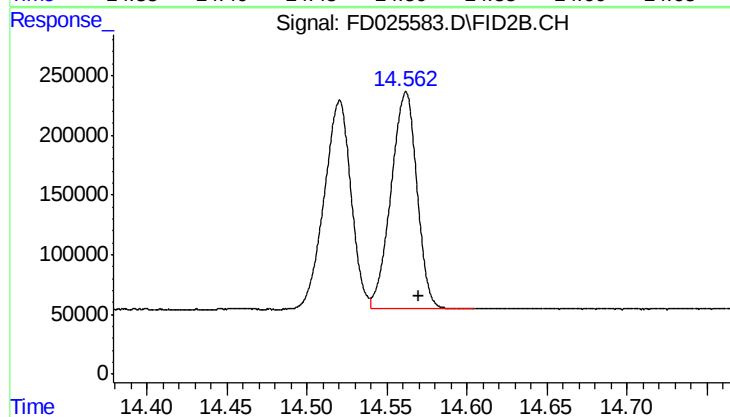
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: -0.009 min
Response: 1976607
Conc: 20.66 ug/ml



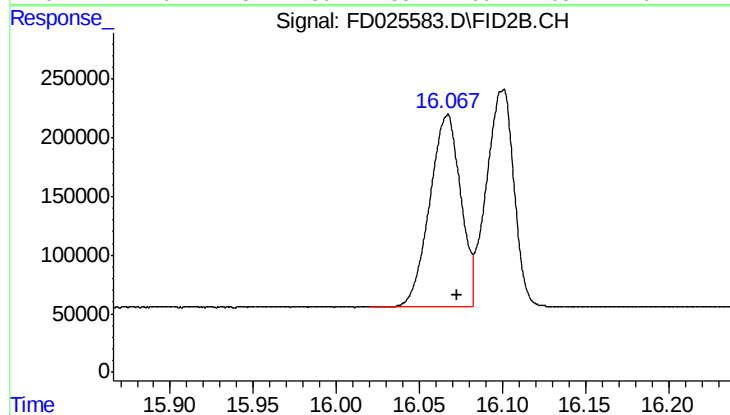
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: -0.008 min
Response: 2040231
Conc: 22.80 ug/ml



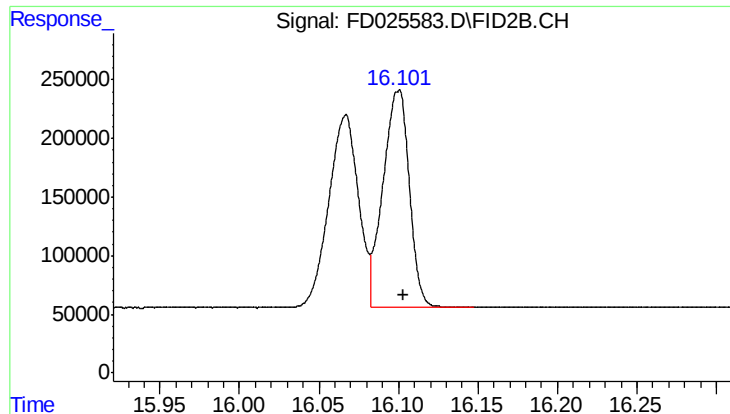
#15 Chrysene (C27.41)

R.T.: 14.562 min
Delta R.T.: -0.008 min
Response: 2054930
Conc: 22.91 ug/ml



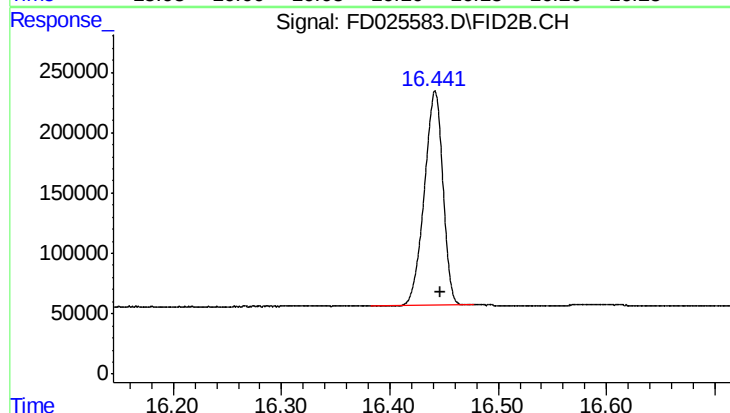
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.067 min
Delta R.T.: -0.006 min
Response: 2137695
Conc: 22.37 ug/ml



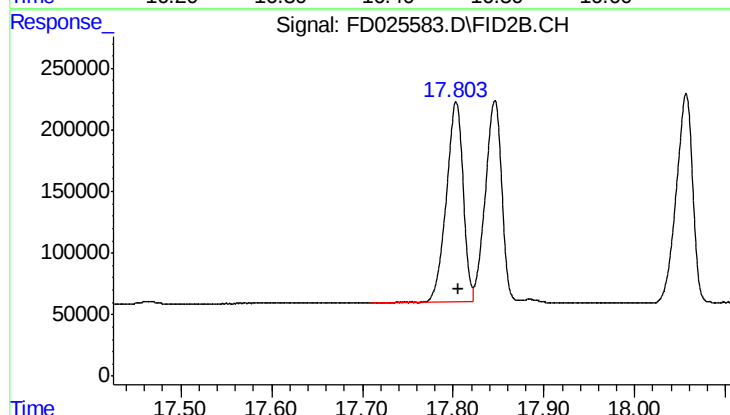
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.100 min
Delta R.T.: -0.003 min
Response: 2148740
Conc: 22.19 ug/ml



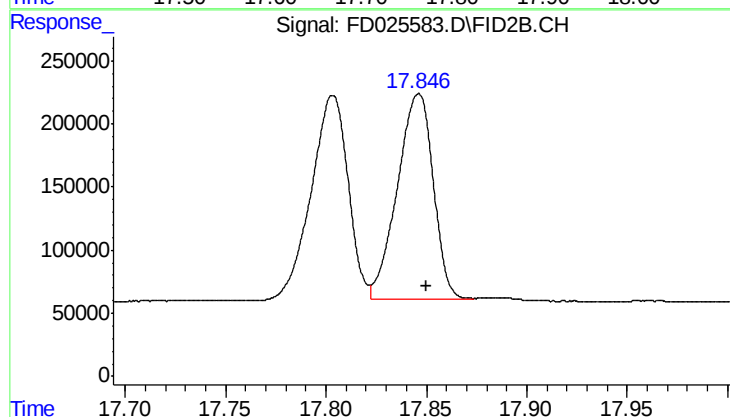
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.442 min
Delta R.T.: -0.005 min
Response: 2115489
Conc: 21.74 ug/ml



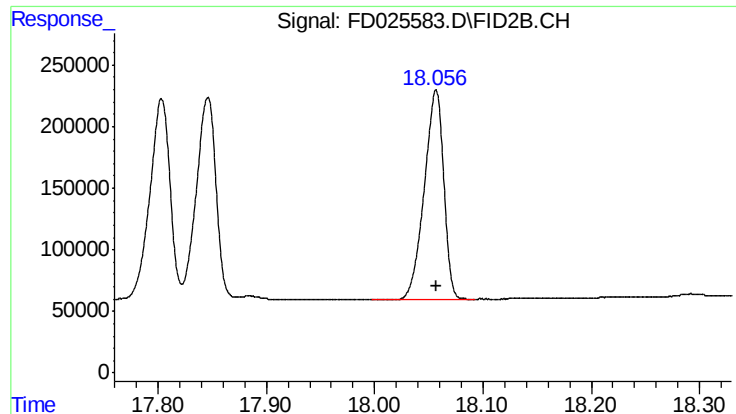
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.803 min
Delta R.T.: -0.002 min
Response: 2070162
Conc: 20.19 ug/ml



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

R.T.: 17.846 min
Delta R.T.: -0.004 min
Response: 2025264
Conc: 20.10 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 2120234
Conc: 20.49 ug/ml