

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD072718AR\
 Data File : FD025246.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jul 2018 4:13
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 04:45:16 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...	7.443	1632620	21.150 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
6) S 2-Fluorobiphenyl (SURR)	8.296	1143393	21.265 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.53%
11) S ortho-Terphenyl (SURR)	11.338	1747452	20.591 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	1654862	21.188 ug/ml
2) T Naphthalene (C11.7)	5.779	1846982	21.439 ug/ml
3) T 2-Methylnaphthalene (...)	6.831	1838803	21.386 ug/ml
5) T Acenaphthylene (C15.06)	8.099	1815293	21.372 ug/ml
7) T Acenaphthene (C15.5)	8.396	1893071	21.261 ug/ml
8) T Fluorene (C16.55)	9.174	1867870	20.973 ug/ml
9) T Phenanthrene (C19.36)	10.564	1853792	20.698 ug/ml
10) T Anthracene (C19.43)	10.637	1815515	20.617 ug/ml
12) T Fluoranthene (C21.85)	12.369	1842795	20.974 ug/ml
13) T Pyrene (C20.8)	12.664	1859218	21.157 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.533	1858453	22.283 ug/ml
15) T Chrysene (C27.41)	14.575	1876606	22.276 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.080	1971176	21.909 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.112	1989456	22.097 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.456	1996401	21.689 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.817	1967200	20.851 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.860	1926397	21.051 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.071	2031362	20.969 ug/ml

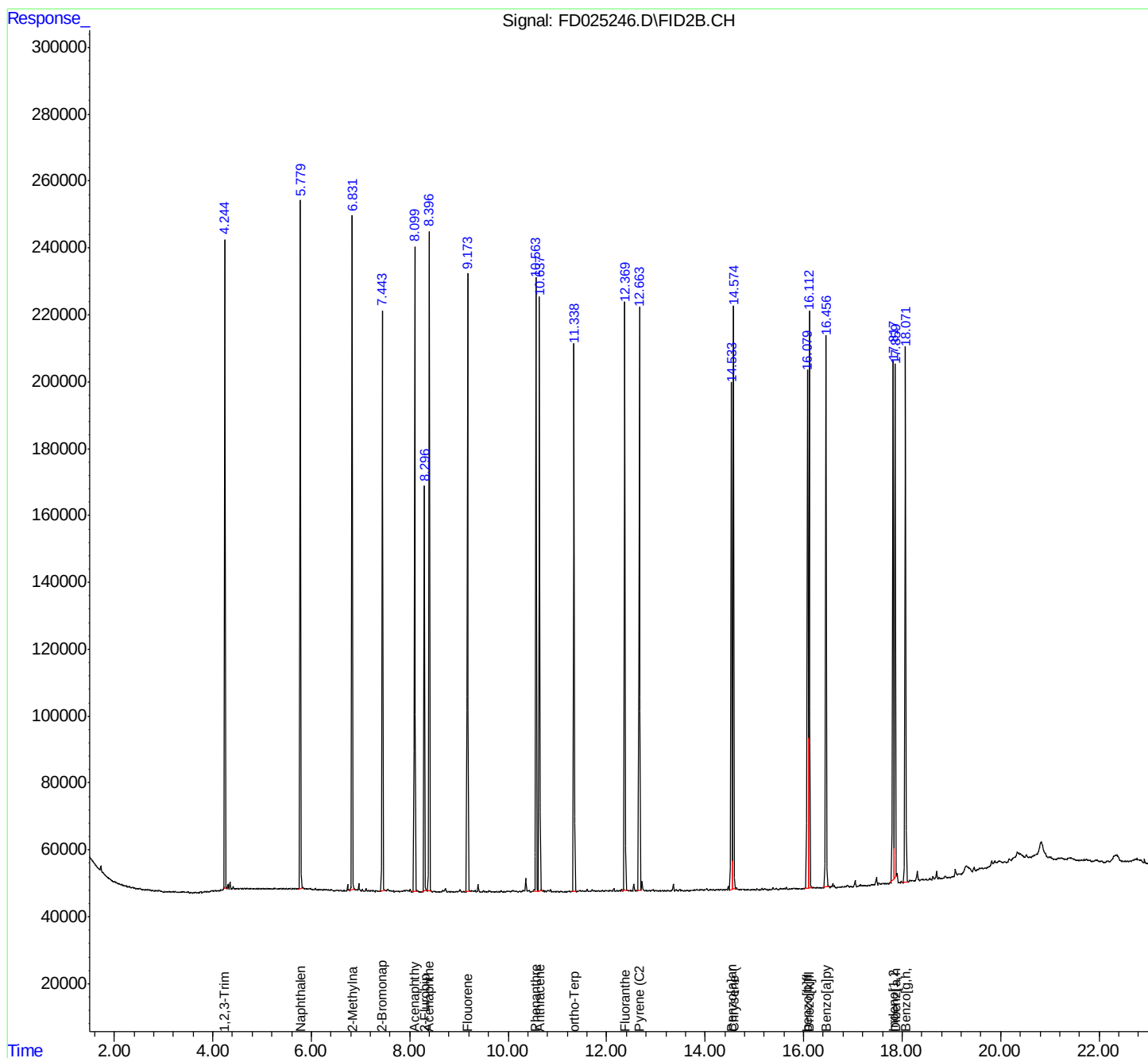
(f)=RT Delta > 1/2 Window

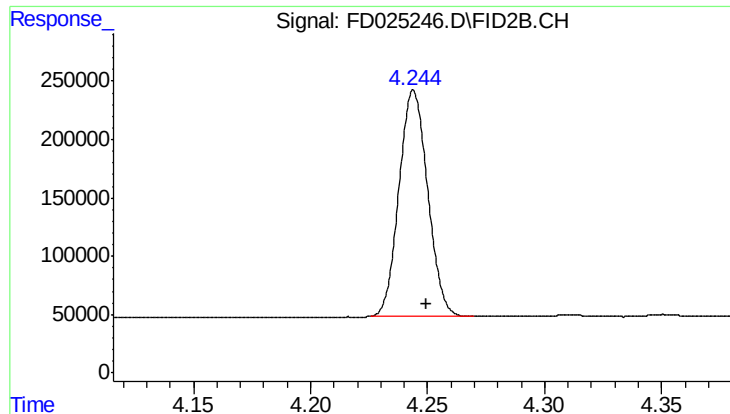
(m)=manual int.

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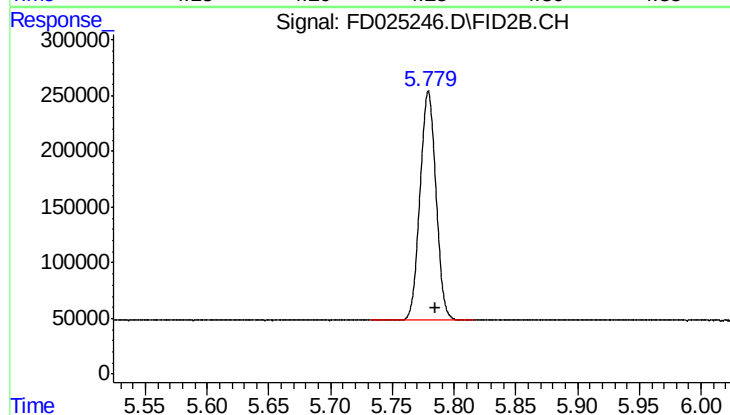
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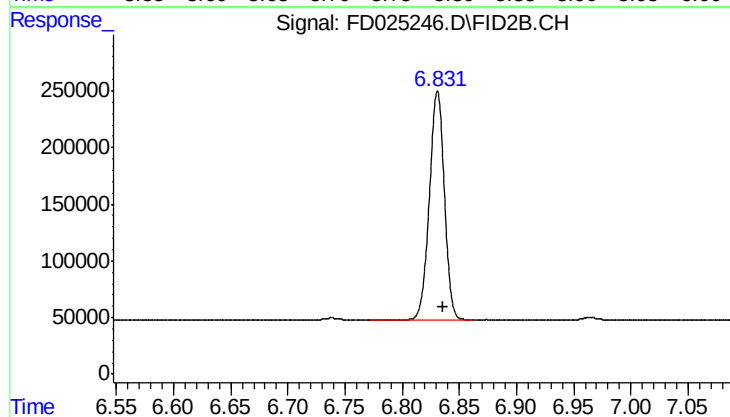
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min
Delta R.T.: -0.005 min
Response: 1654862
Conc: 21.19 ug/ml



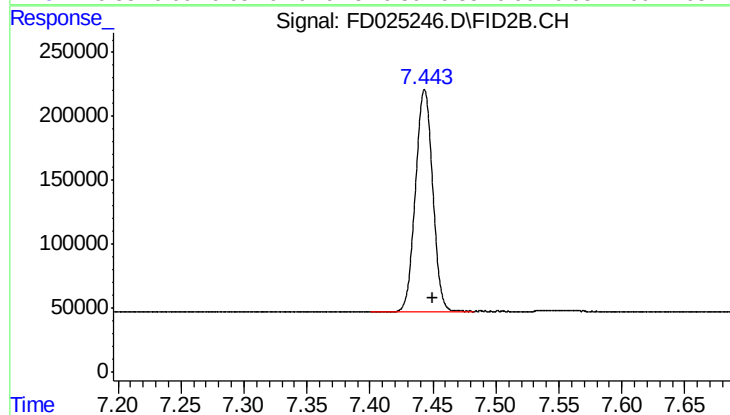
#2 Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 1846982
Conc: 21.44 ug/ml



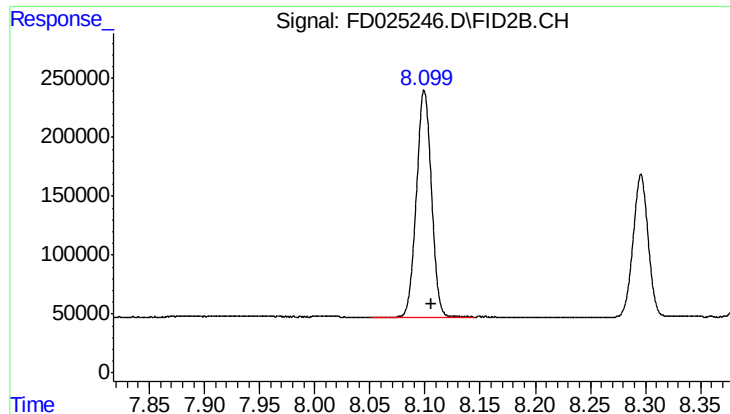
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 1838803
Conc: 21.39 ug/ml



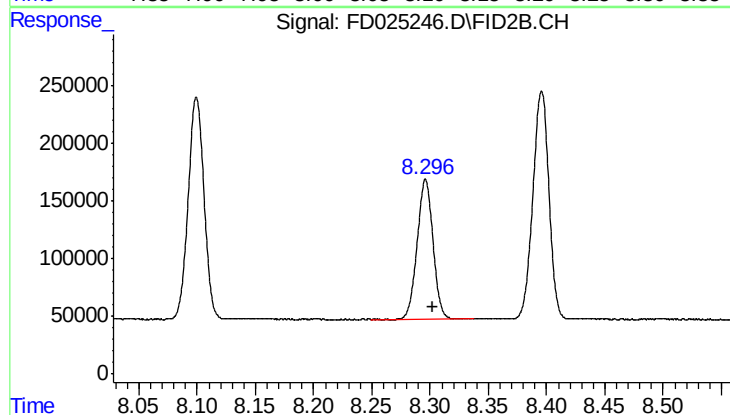
#4 2-Bromonaphthalene (SURR)

R.T.: 7.443 min
Delta R.T.: -0.006 min
Response: 1632620
Conc: 21.15 ug/ml



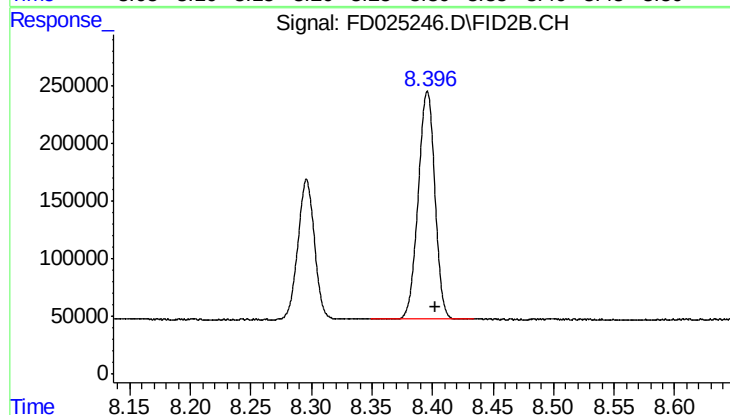
#5 Acenaphthylene (C15.06)

R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 1815293
Conc: 21.37 ug/ml



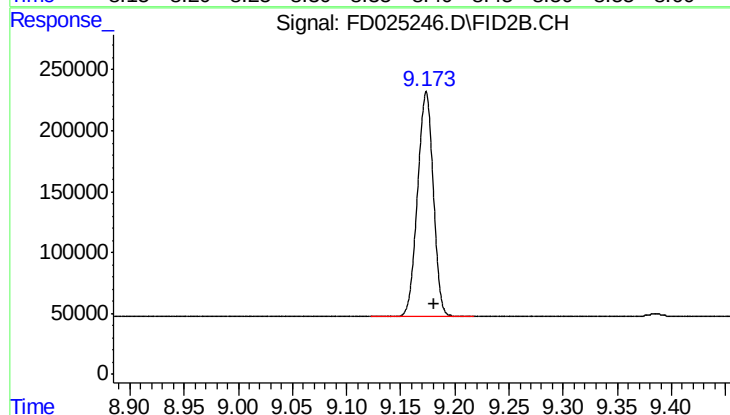
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 1143393
Conc: 21.26 ug/ml



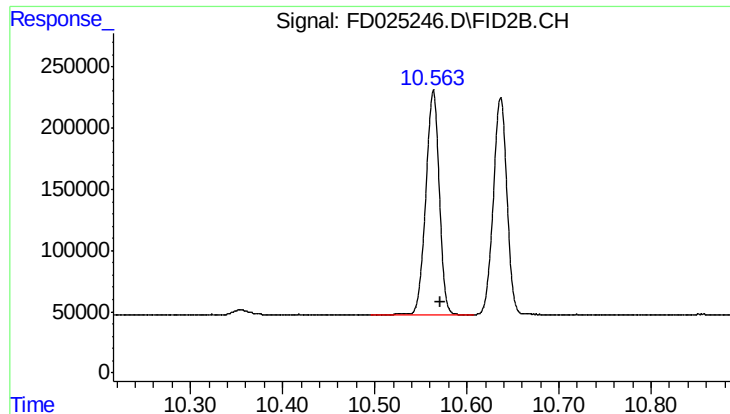
#7 Acenaphthene (C15.5)

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 1893071
Conc: 21.26 ug/ml



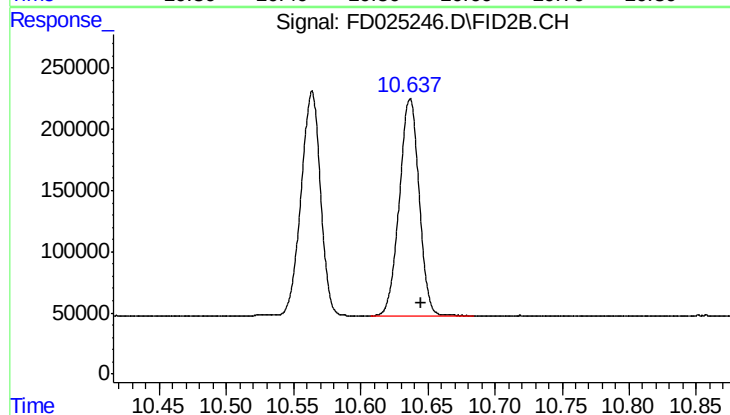
#8 Fluorene (C16.55)

R.T.: 9.174 min
Delta R.T.: -0.007 min
Response: 1867870
Conc: 20.97 ug/ml



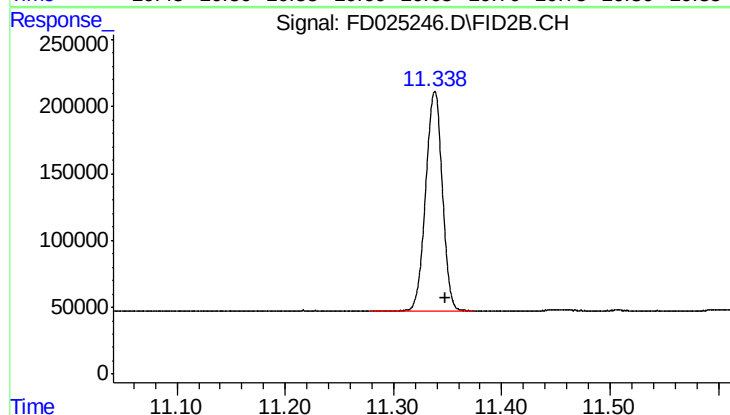
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 1853792
Conc: 20.70 ug/ml



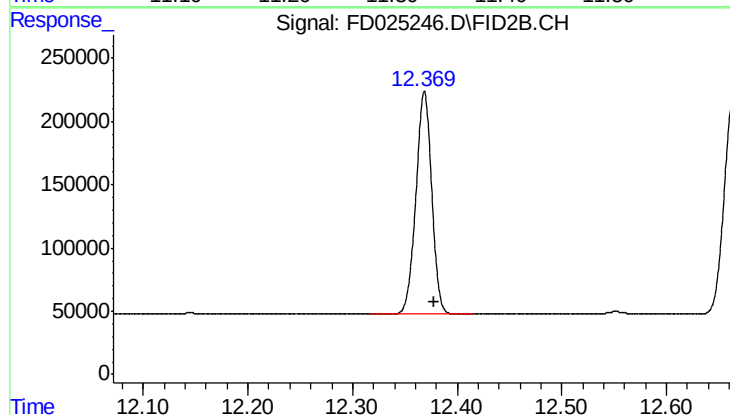
#10 Anthracene (C19.43)

R.T.: 10.637 min
Delta R.T.: -0.008 min
Response: 1815515
Conc: 20.62 ug/ml



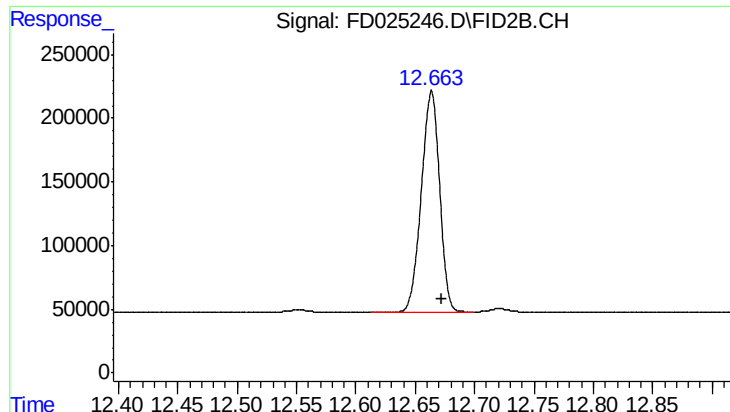
#11 ortho-Terphenyl (SURR)

R.T.: 11.338 min
Delta R.T.: -0.010 min
Response: 1747452
Conc: 20.59 ug/ml



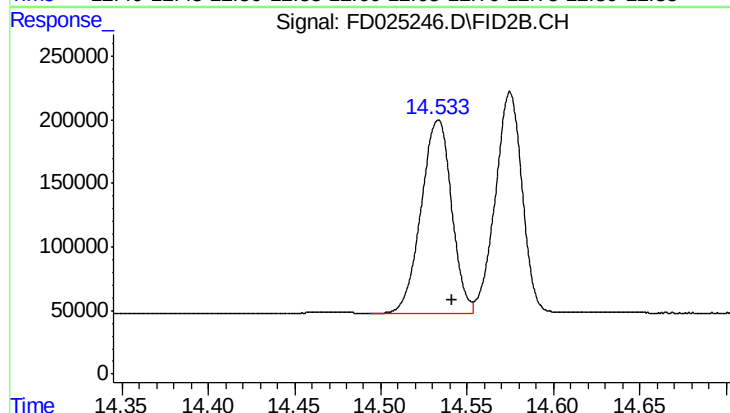
#12 Fluoranthene (C21.85)

R.T.: 12.369 min
Delta R.T.: -0.009 min
Response: 1842795
Conc: 20.97 ug/ml



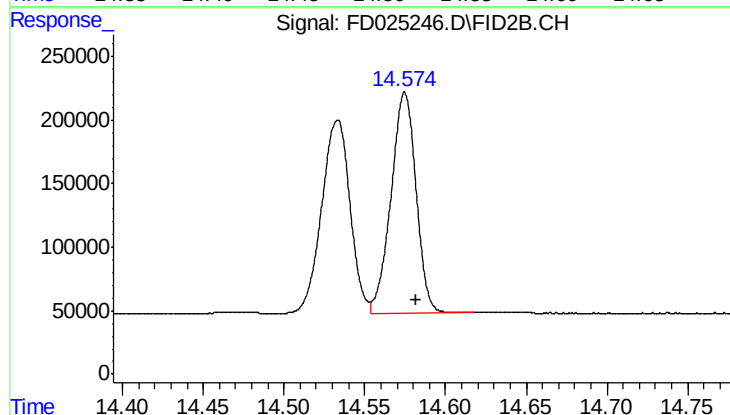
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 1859218
Conc: 21.16 ug/ml



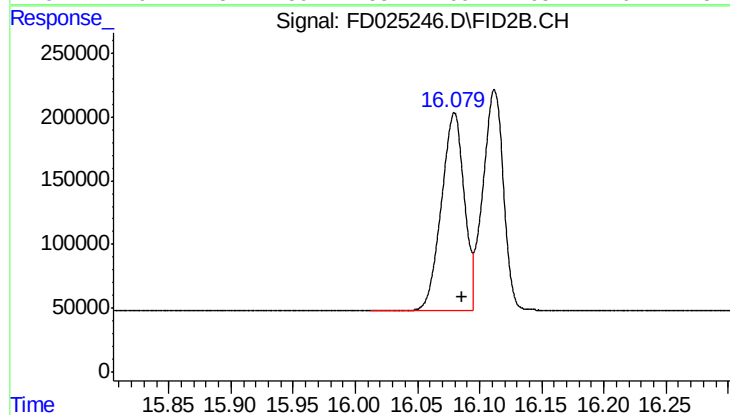
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.008 min
Response: 1858453
Conc: 22.28 ug/ml



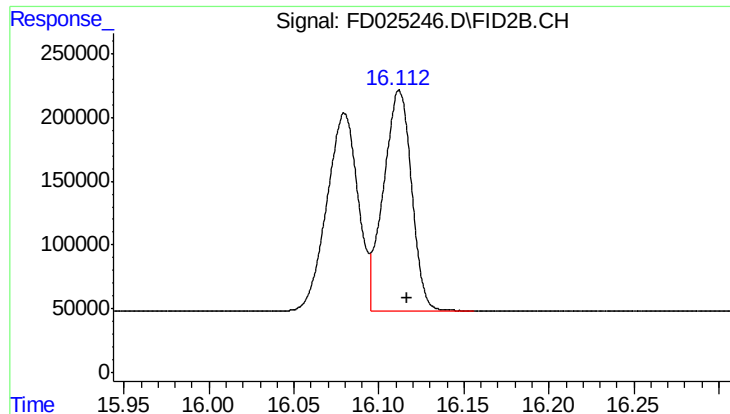
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.007 min
Response: 1876606
Conc: 22.28 ug/ml



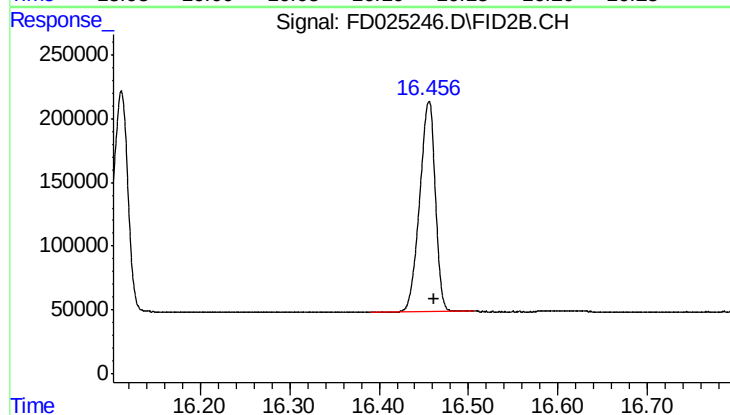
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.080 min
Delta R.T.: -0.006 min
Response: 1971176
Conc: 21.91 ug/ml



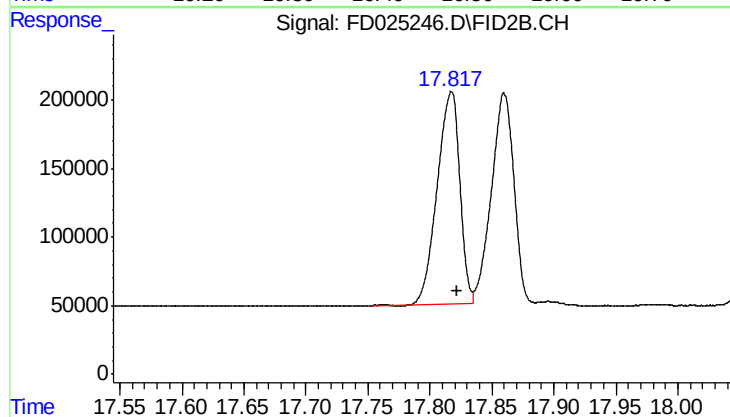
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.112 min
Delta R.T.: -0.005 min
Response: 1989456
Conc: 22.10 ug/ml



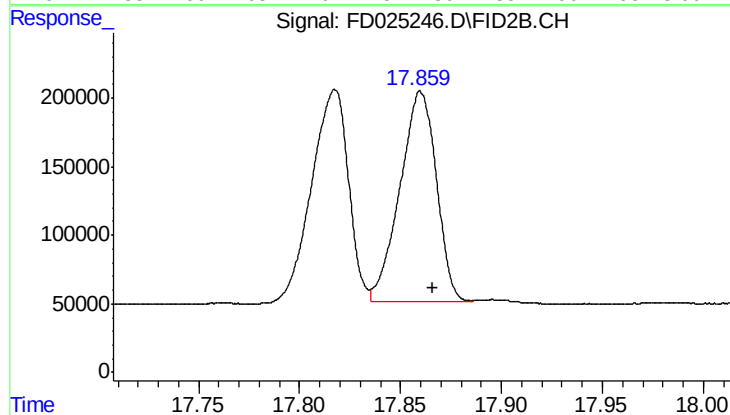
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: -0.005 min
Response: 1996401
Conc: 21.69 ug/ml



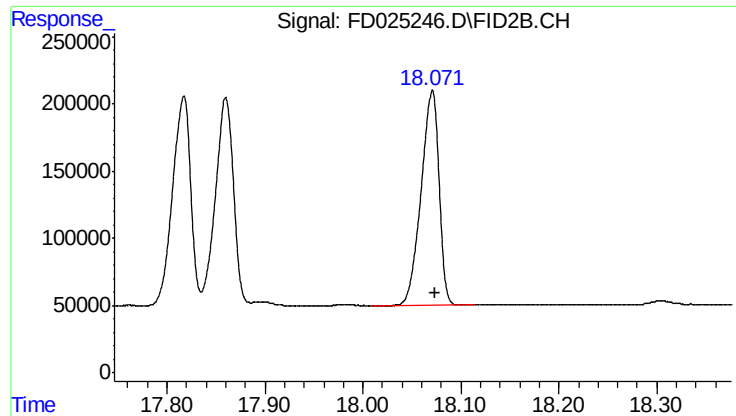
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: -0.004 min
Response: 1967200
Conc: 20.85 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.006 min
Response: 1926397
Conc: 21.05 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.003 min
Response: 2031362
Conc: 20.97 ug/ml