

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD072618AR\
 Data File : FD025226.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2018 23:25
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 27 03:51:25 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...	7.444	1797631	23.287 ug/ml
Spiked Amount 50.000		Recovery =	46.57%
6) S 2-Fluorobiphenyl (SURR)	8.297	1230668	22.888 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.78%
11) S ortho-Terphenyl (SURR)	11.339	1873477	22.076 ug/ml
Spiked Amount 50.000		Recovery =	44.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	1770184	22.665 ug/ml
2) T Naphthalene (C11.7)	5.779	1979589	22.978 ug/ml
3) T 2-Methylnaphthalene (...)	6.831	1993893	23.190 ug/ml
5) T Acenaphthylene (C15.06)	8.101	1947662	22.930 ug/ml
7) T Acenaphthene (C15.5)	8.397	2032831	22.831 ug/ml
8) T Fluorene (C16.55)	9.175	1998222	22.436 ug/ml
9) T Phenanthrene (C19.36)	10.565	1928210	21.529 ug/ml
10) T Anthracene (C19.43)	10.639	1896188	21.533 ug/ml
12) T Fluoranthene (C21.85)	12.370	1830109	20.830 ug/ml
13) T Pyrene (C20.8)	12.664	1830518	20.830 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.533	1786777	21.424 ug/ml
15) T Chrysene (C27.41)	14.574	1807441	21.455 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.080	1913465	21.268 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.111	1919575	21.321 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.455	1932574	20.996 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.817	1940821	20.571 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.860	1953767	21.350 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.070	1969966	20.335 ug/ml

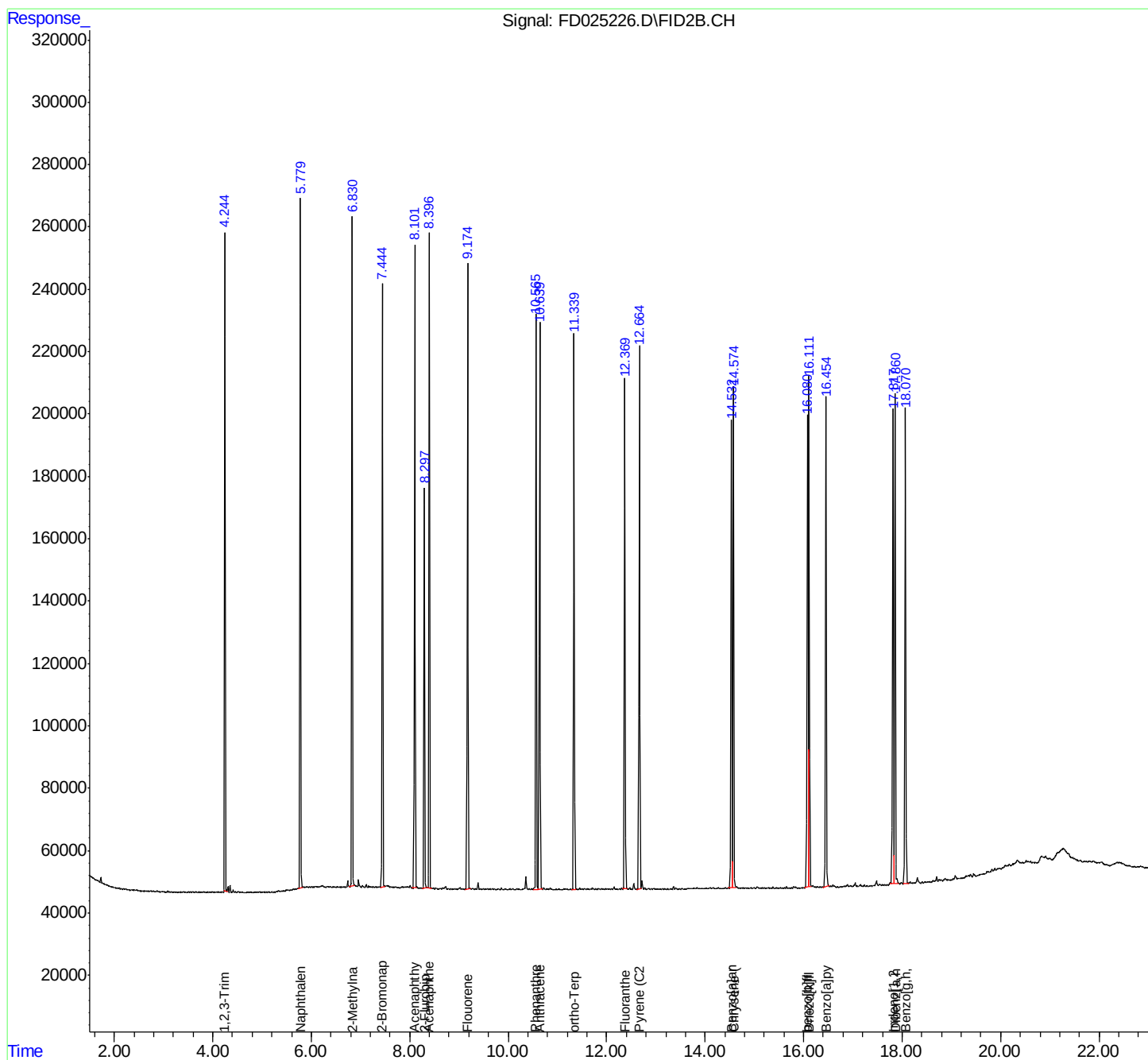
(f)=RT Delta > 1/2 Window

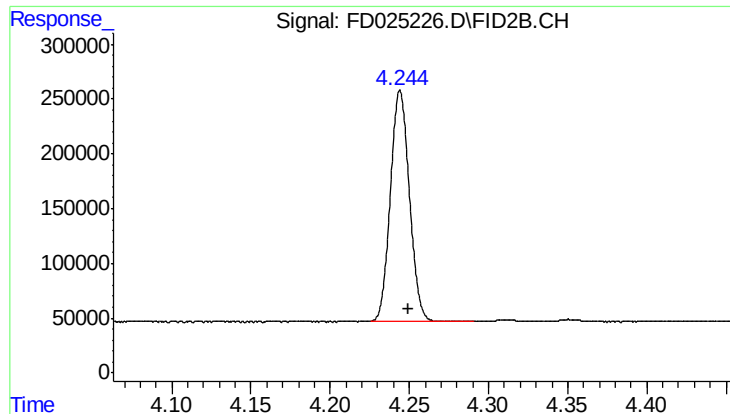
(m)=manual int.

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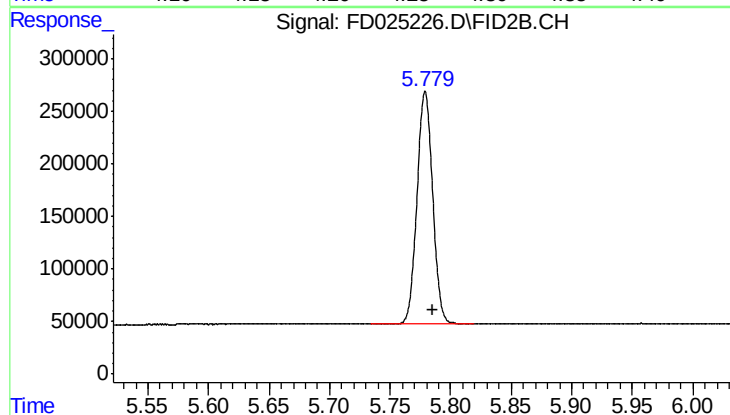
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





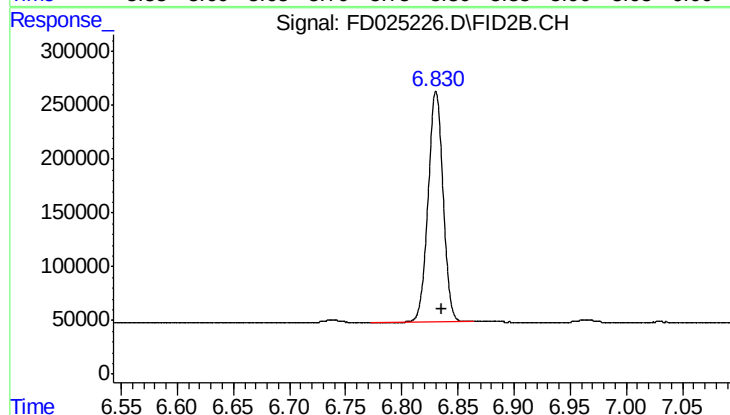
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min
Delta R.T.: -0.005 min
Response: 1770184
Conc: 22.66 ug/ml



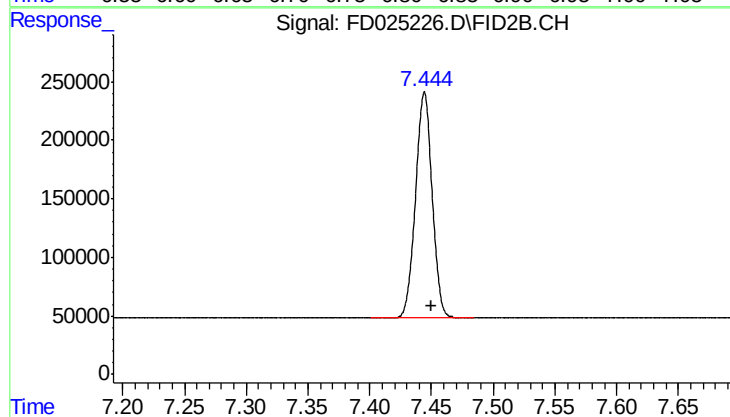
#2 Naphthalene (C11.7)

R.T.: 5.779 min
Delta R.T.: -0.006 min
Response: 1979589
Conc: 22.98 ug/ml



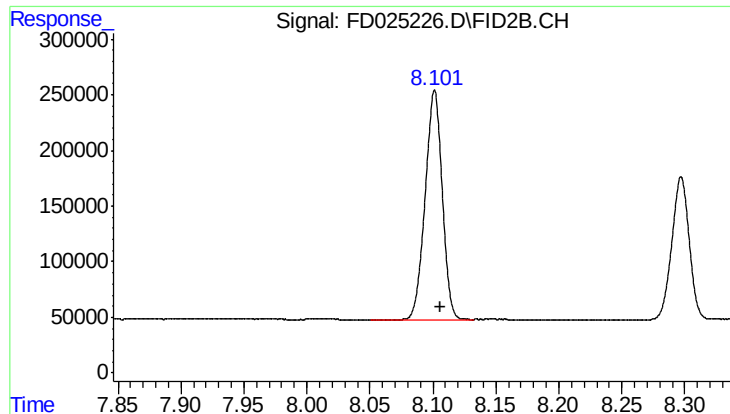
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 1993893
Conc: 23.19 ug/ml



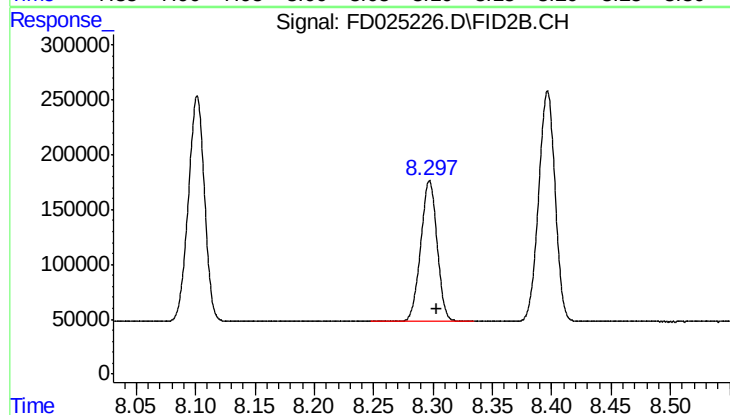
#4 2-Bromonaphthalene (SURR)

R.T.: 7.444 min
Delta R.T.: -0.005 min
Response: 1797631
Conc: 23.29 ug/ml



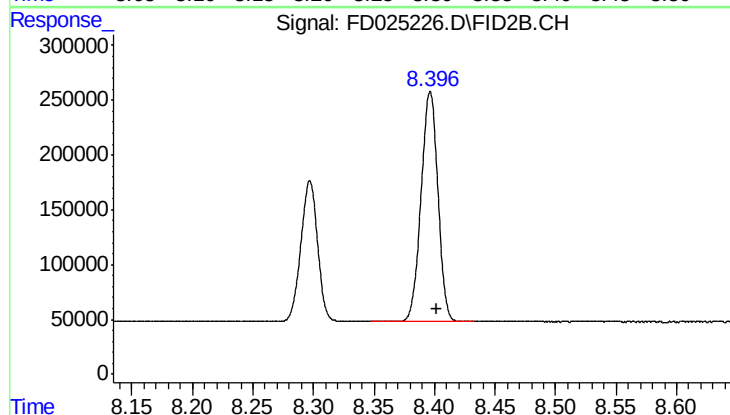
#5 Acenaphthylene (C15.06)

R.T.: 8.101 min
Delta R.T.: -0.005 min
Response: 1947662
Conc: 22.93 ug/ml



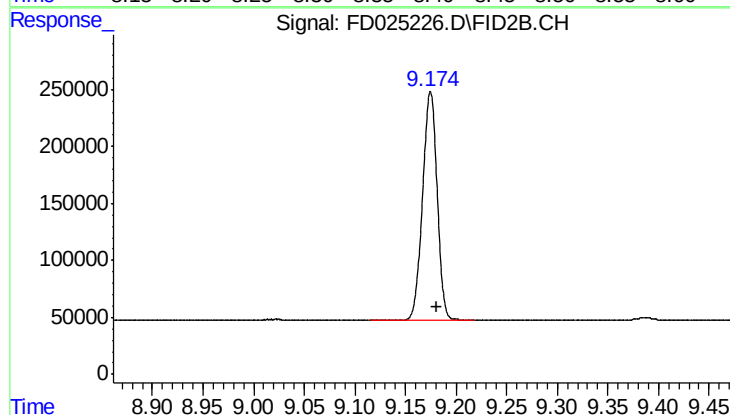
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.297 min
Delta R.T.: -0.006 min
Response: 1230668
Conc: 22.89 ug/ml



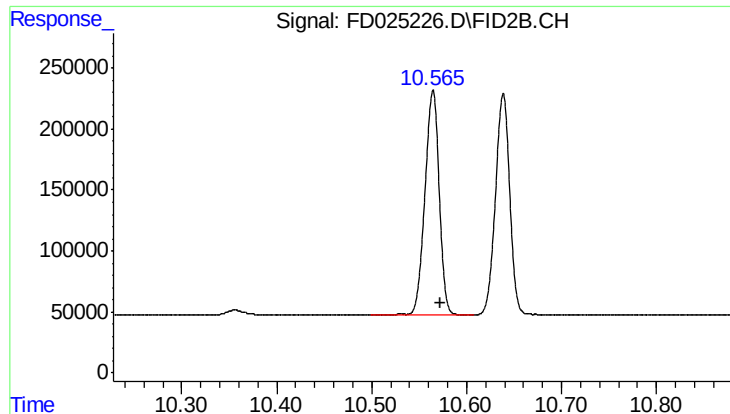
#7 Acenaphthene (C15.5)

R.T.: 8.397 min
Delta R.T.: -0.006 min
Response: 2032831
Conc: 22.83 ug/ml



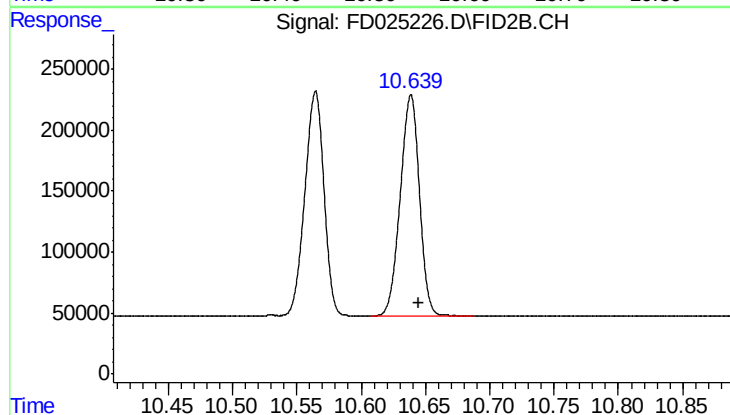
#8 Fluorene (C16.55)

R.T.: 9.175 min
Delta R.T.: -0.006 min
Response: 1998222
Conc: 22.44 ug/ml



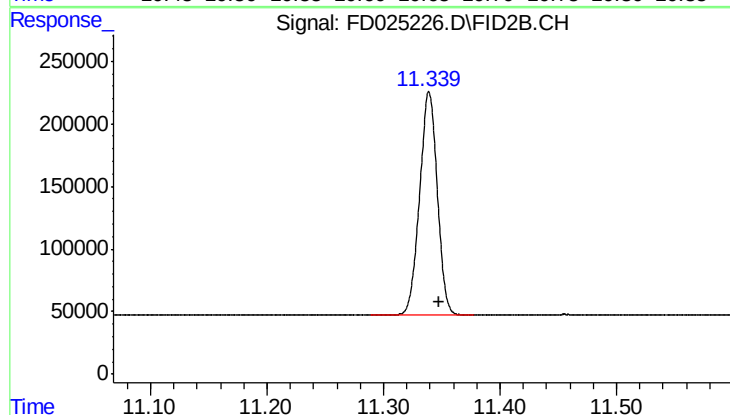
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.007 min
Response: 1928210
Conc: 21.53 ug/ml



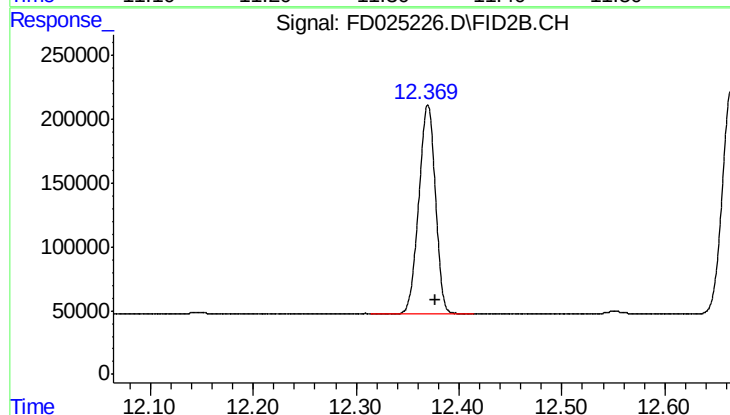
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 1896188
Conc: 21.53 ug/ml



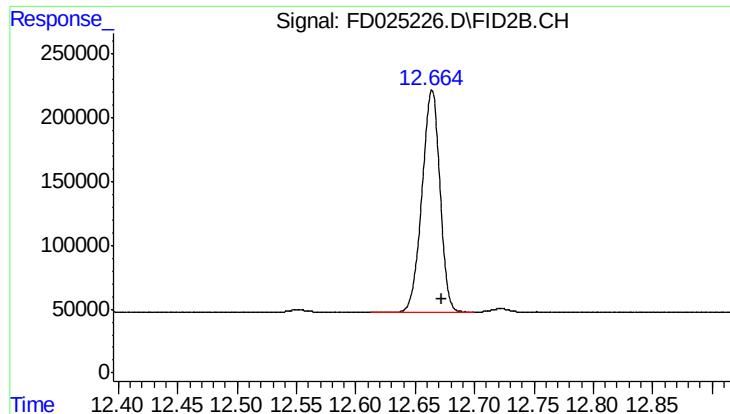
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 1873477
Conc: 22.08 ug/ml



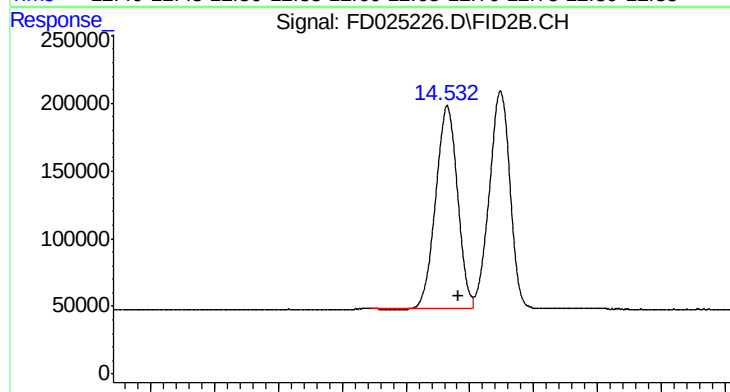
#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.008 min
Response: 1830109
Conc: 20.83 ug/ml



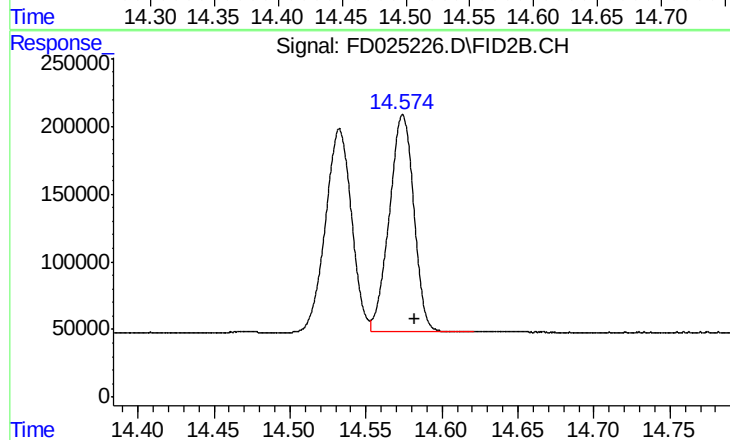
#13 Pyrene (C20.8)

R.T.: 12.664 min
Delta R.T.: -0.008 min
Response: 1830518
Conc: 20.83 ug/ml



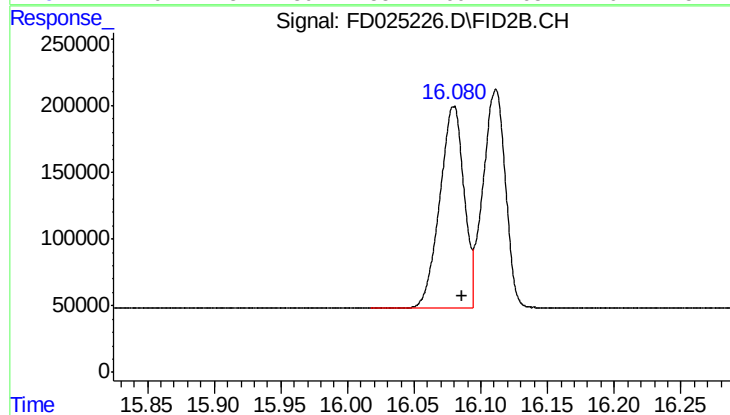
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min
Delta R.T.: -0.009 min
Response: 1786777
Conc: 21.42 ug/ml



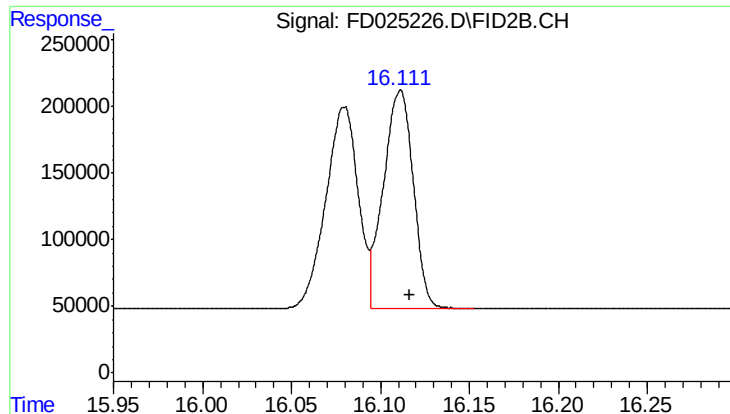
#15 Chrysene (C27.41)

R.T.: 14.574 min
Delta R.T.: -0.008 min
Response: 1807441
Conc: 21.46 ug/ml



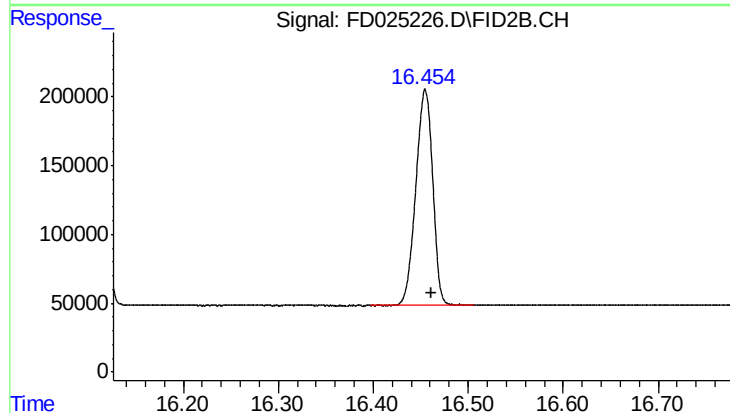
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.080 min
Delta R.T.: -0.006 min
Response: 1913465
Conc: 21.27 ug/ml



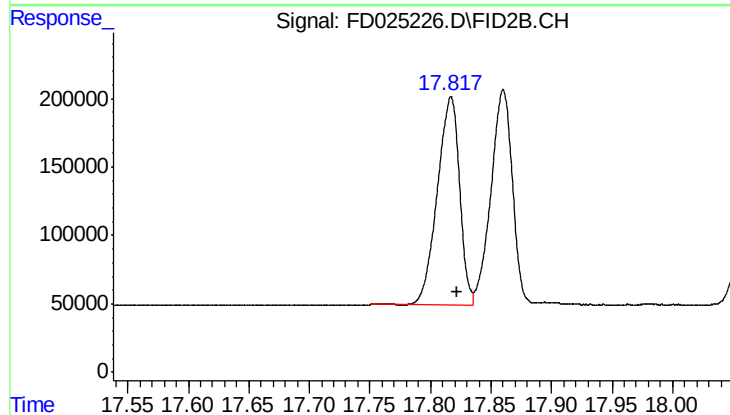
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: -0.006 min
Response: 1919575
Conc: 21.32 ug/ml



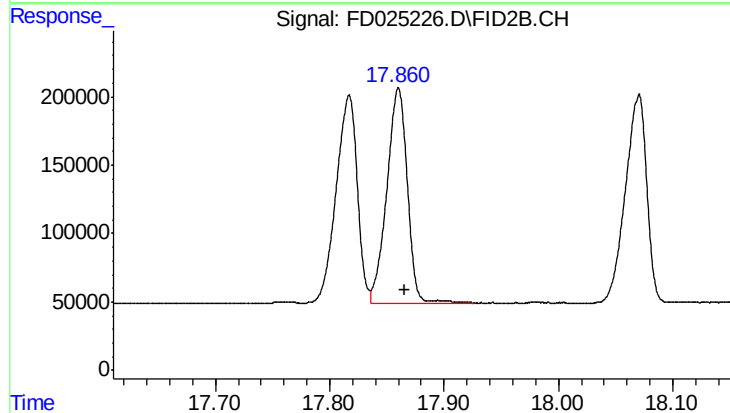
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.455 min
Delta R.T.: -0.006 min
Response: 1932574
Conc: 21.00 ug/ml



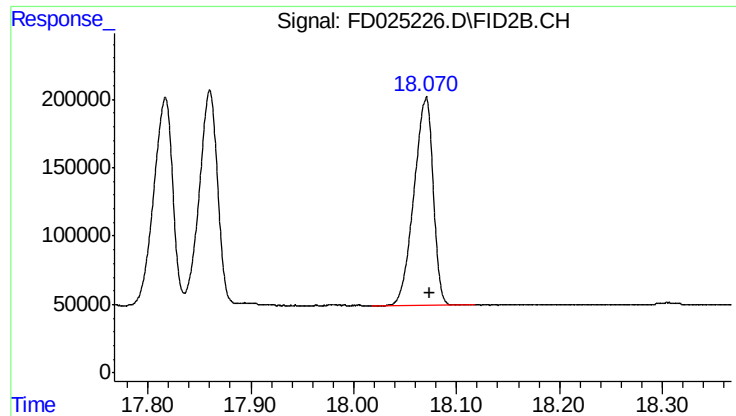
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: -0.005 min
Response: 1940821
Conc: 20.57 ug/ml



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

R.T.: 17.860 min
Delta R.T.: -0.006 min
Response: 1953767
Conc: 21.35 ug/ml



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

R.T.: 18.070 min
Delta R.T.: -0.003 min
Response: 1969966
Conc: 20.34 ug/ml