

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025408.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2018 4:57
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 18 05:22:26 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	1617164	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
6) S 2-Fluorobiphenyl (SURR)	8.291	1127131	20.962 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.92%
11) S ortho-Terphenyl (SURR)	11.336	1823427	21.487 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1681570	21.530 ug/ml
2) T Naphthalene (C11.7)	5.771	1851808	21.495 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	1827320	21.253 ug/ml
5) T Acenaphthylene (C15.06)	8.094	1775114	20.899 ug/ml
7) T Acenaphthene (C15.5)	8.390	1852275	20.803 ug/ml
8) T Flouorene (C16.55)	9.170	1844732	20.713 ug/ml
9) T Phenanthrene (C19.36)	10.561	1889237	21.094 ug/ml
10) T Anthracene (C19.43)	10.635	1860170	21.124 ug/ml
12) T Fluoranthene (C21.85)	12.368	1990228	22.652 ug/ml
13) T Pyrene (C20.8)	12.663	2011915	22.894 ug/ml
14) T Benzo[a]anthracene (C...	14.534	2020728	24.229 ug/ml
15) T Chrysene (C27.41)	14.575	2029333	24.089 ug/ml
16) T benzo[b]fluoranthene ...	16.080	2088350	23.212 ug/ml
17) T Bnezo[k]fluoranthene ...	16.112	2099092	23.314 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.456	2081353	22.612 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.818	2005092	21.252 ug/ml
20) T Dibenz[a,h]anthracene...	17.862	1967232	21.497 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	2090749	21.582 ug/ml

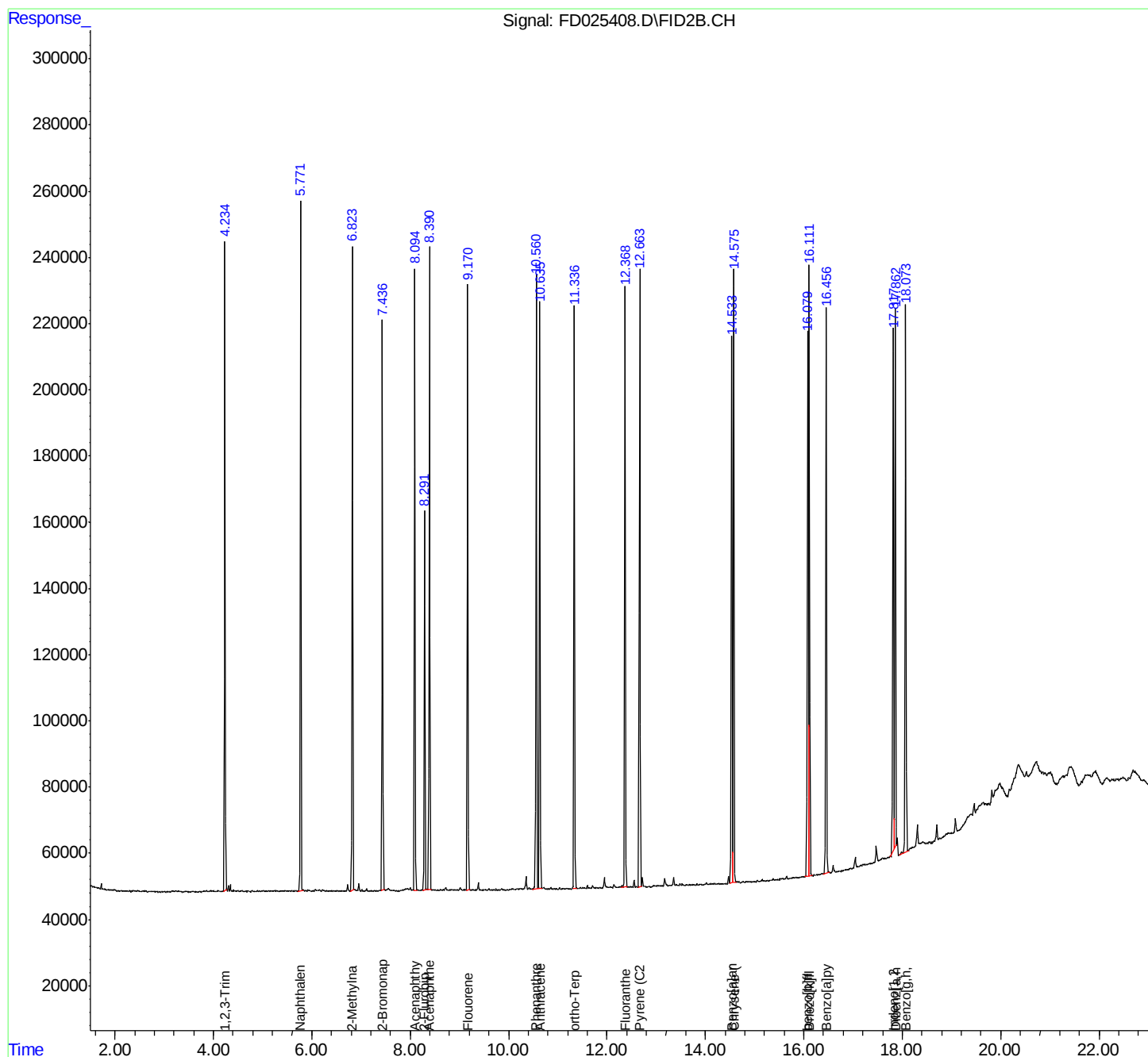
(f)=RT Delta > 1/2 Window

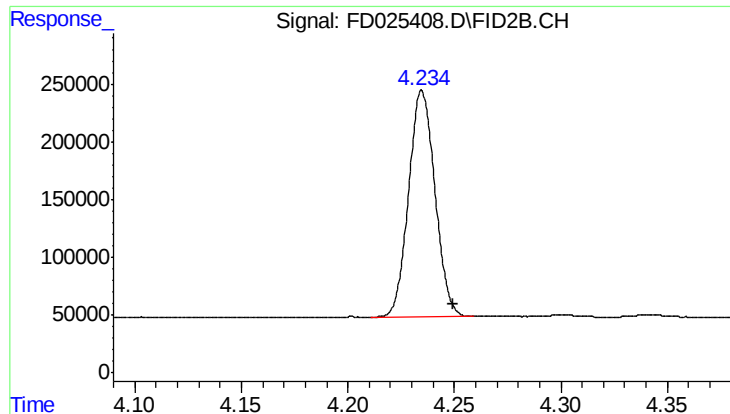
(m)=manual int.

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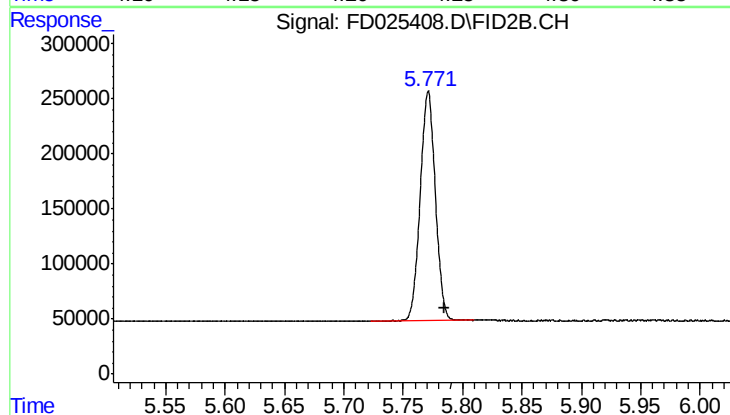
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





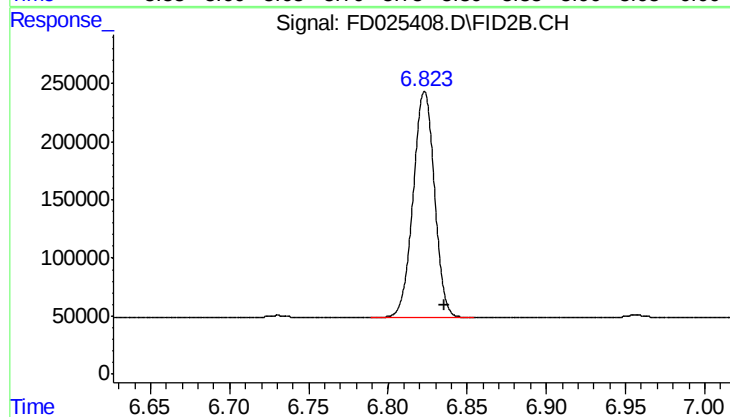
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.015 min
Response: 1681570
Conc: 21.53 ug/ml



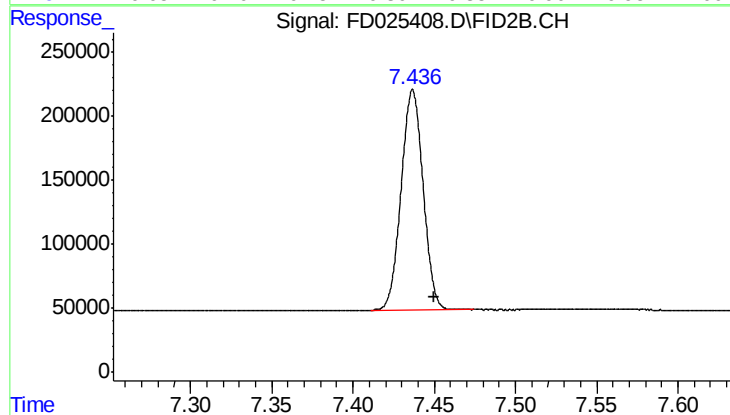
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 1851808
Conc: 21.49 ug/ml



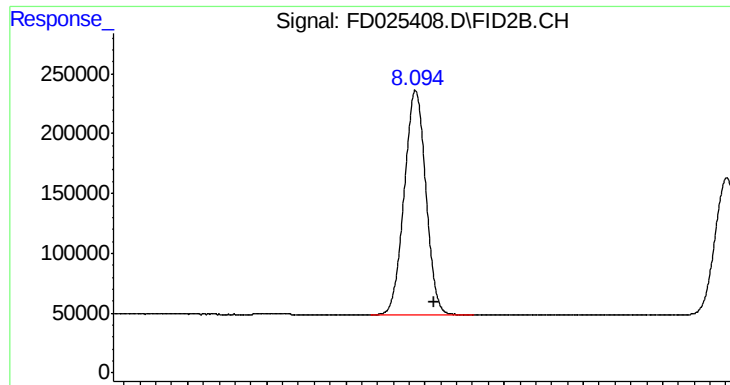
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.013 min
Response: 1827320
Conc: 21.25 ug/ml



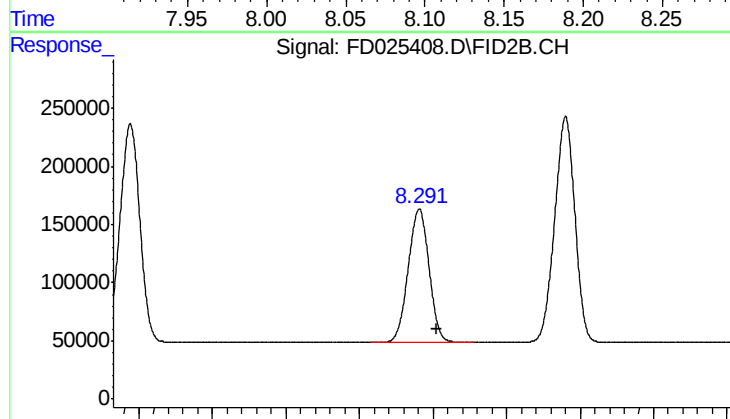
#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: -0.013 min
Response: 1617164
Conc: 20.95 ug/ml



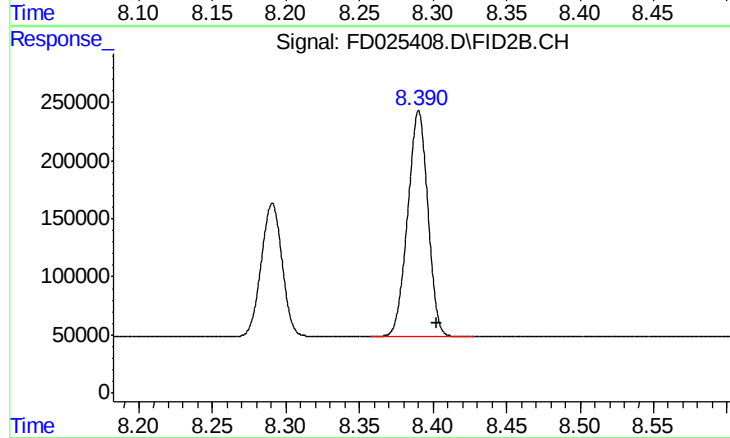
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 1775114
Conc: 20.90 ug/ml



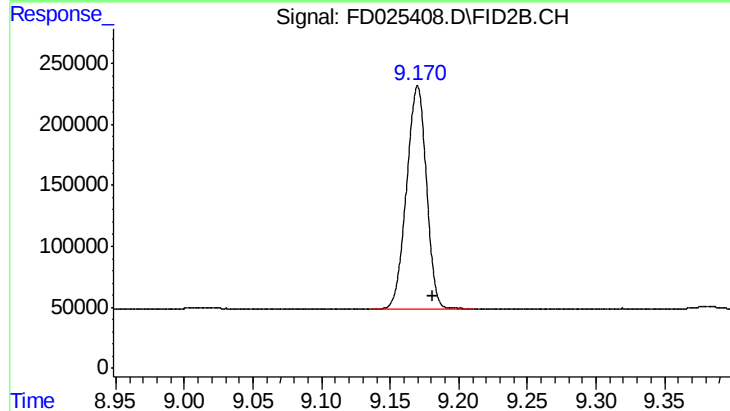
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: -0.012 min
Response: 1127131
Conc: 20.96 ug/ml



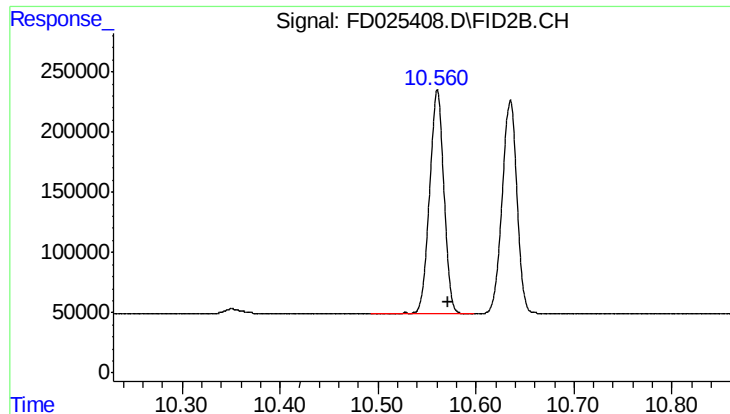
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.012 min
Response: 1852275
Conc: 20.80 ug/ml



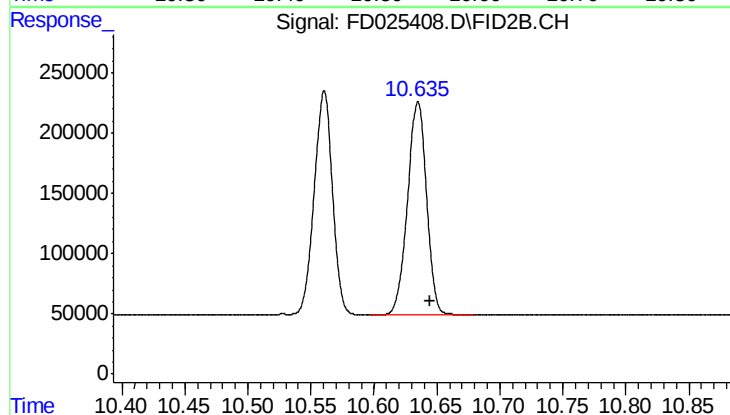
#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.011 min
Response: 1844732
Conc: 20.71 ug/ml



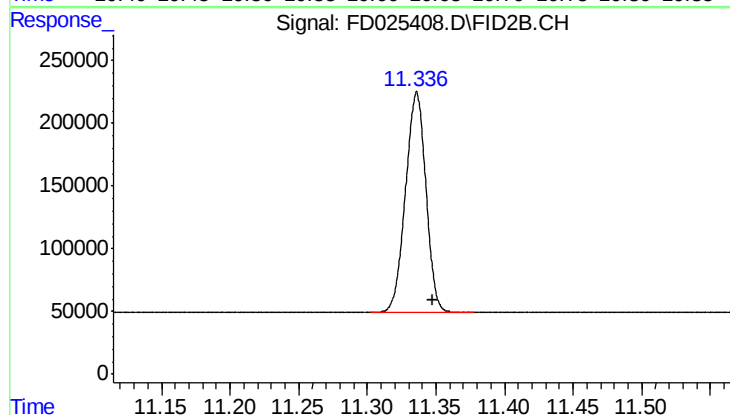
#9 Phenanthrene (C19.36)

R.T.: 10.561 min
Delta R.T.: -0.011 min
Response: 1889237
Conc: 21.09 ug/ml



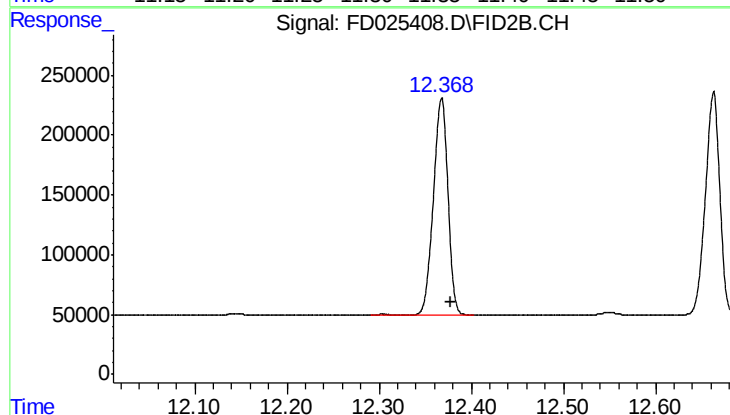
#10 Anthracene (C19.43)

R.T.: 10.635 min
Delta R.T.: -0.010 min
Response: 1860170
Conc: 21.12 ug/ml



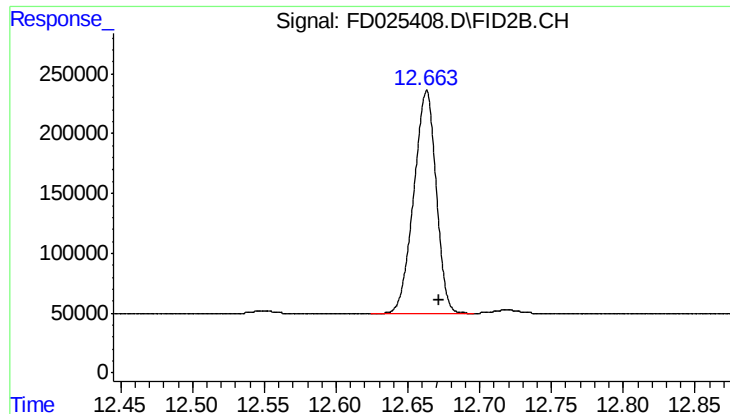
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: -0.012 min
Response: 1823427
Conc: 21.49 ug/ml



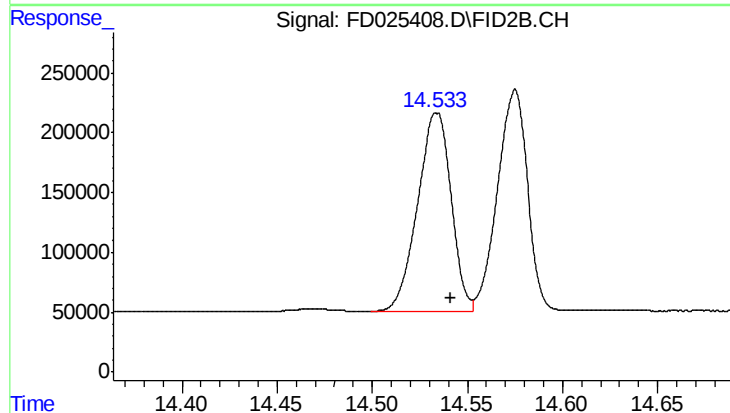
#12 Fluoranthene (C21.85)

R.T.: 12.368 min
Delta R.T.: -0.010 min
Response: 1990228
Conc: 22.65 ug/ml



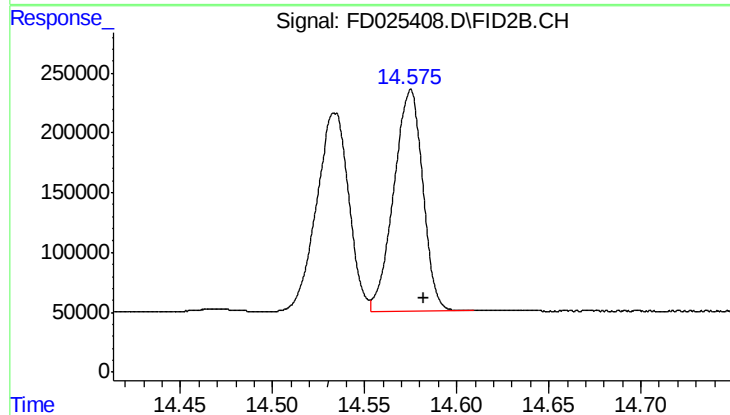
#13 Pyrene (C20.8)

R.T.: 12.663 min
Delta R.T.: -0.009 min
Response: 2011915
Conc: 22.89 ug/ml



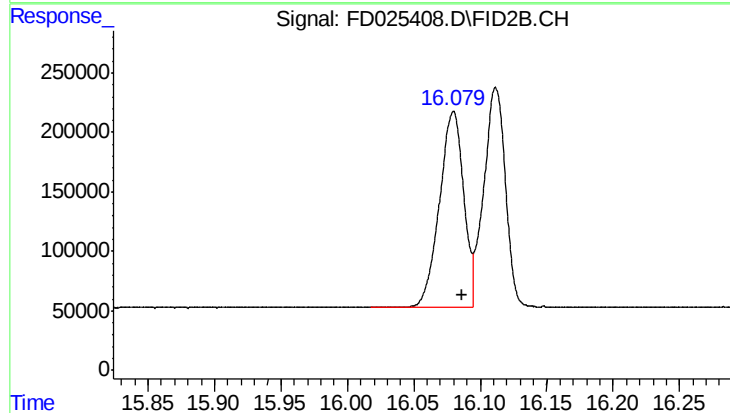
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.008 min
Response: 2020728
Conc: 24.23 ug/ml



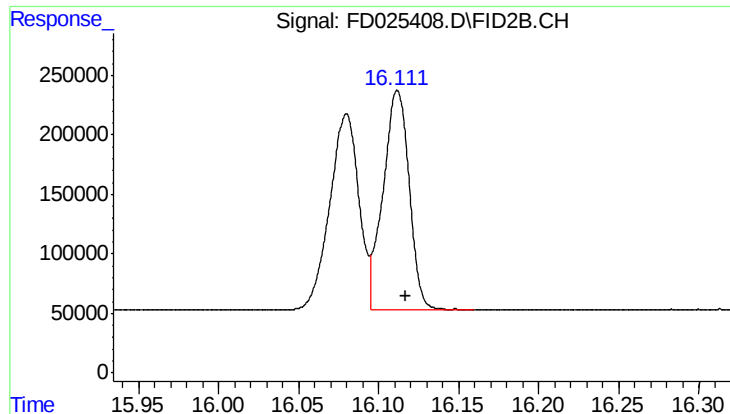
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.007 min
Response: 2029333
Conc: 24.09 ug/ml



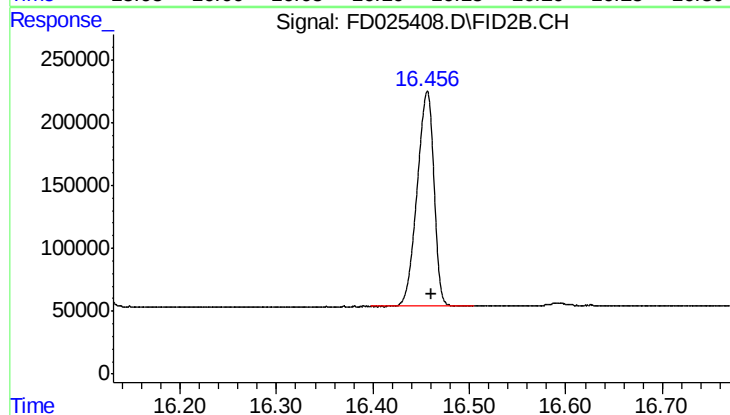
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.080 min
Delta R.T.: -0.006 min
Response: 2088350
Conc: 23.21 ug/ml



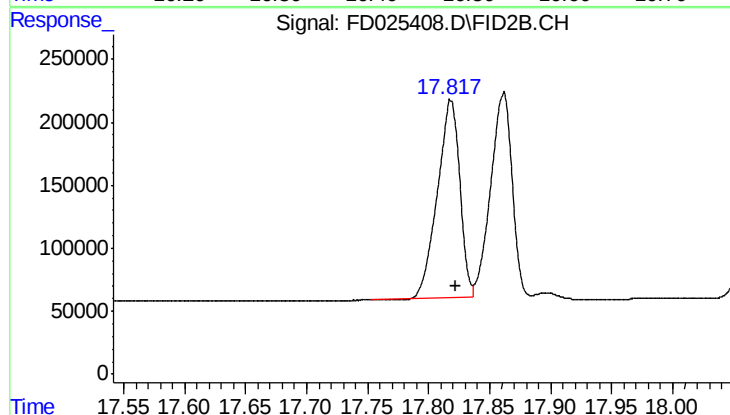
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.112 min
Delta R.T.: -0.005 min
Response: 2099092
Conc: 23.31 ug/ml



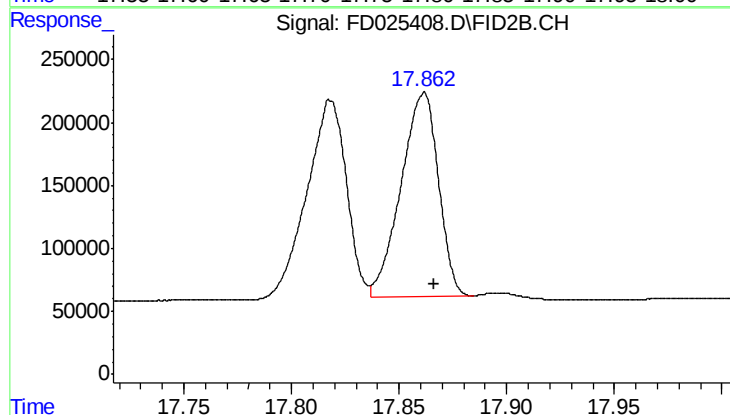
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: -0.004 min
Response: 2081353
Conc: 22.61 ug/ml



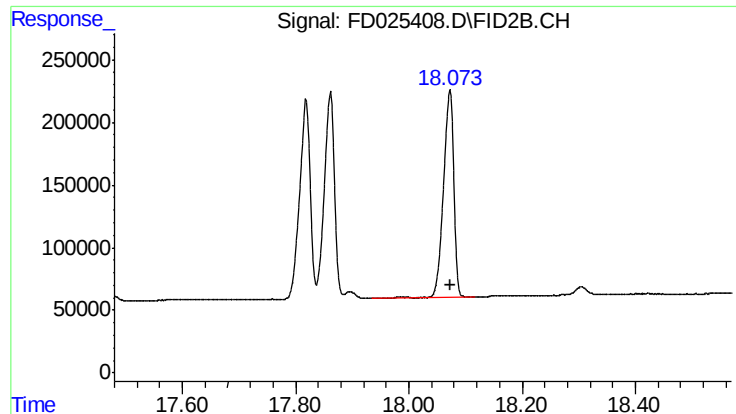
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.818 min
Delta R.T.: -0.004 min
Response: 2005092
Conc: 21.25 ug/ml



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

R.T.: 17.862 min
Delta R.T.: -0.004 min
Response: 1967232
Conc: 21.50 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 2090749
Conc: 21.58 ug/ml