

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091718AR\
 Data File : FD025580.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2018 12:37
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 13:12:57 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...	7.429	1658107	20.568 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
6) S 2-Fluorobiphenyl (SURR)	8.281	1137770	20.037 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.07%
11) S ortho-Terphenyl (SURR)	11.324	1811760	19.328 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	1735115	22.082 ug/ml
2) T Naphthalene (C11.7)	5.763	1883384	21.534 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	1859459	20.971 ug/ml
5) T Acenaphthylene (C15.06)	8.085	1798463	20.175 ug/ml
7) T Acenaphthene (C15.5)	8.380	1881347	20.113 ug/ml
8) T Flouorene (C16.55)	9.158	1852257	19.357 ug/ml
9) T Phenanthrene (C19.36)	10.548	1860667	19.266 ug/ml
10) T Anthracene (C19.43)	10.622	1828140	19.265 ug/ml
12) T Fluoranthene (C21.85)	12.354	1940753	20.230 ug/ml
13) T Pyrene (C20.8)	12.648	1973068	20.620 ug/ml
14) T Benzo[a]anthracene (C...	14.518	2011951	22.481 ug/ml
15) T Chrysene (C27.41)	14.559	2037175	22.707 ug/ml
16) T benzo[b]fluoranthene ...	16.065	2119179	22.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.096	2122711	21.921 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2090836	21.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	1976851	19.284 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	1917312	19.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	2083797	20.142 ug/ml

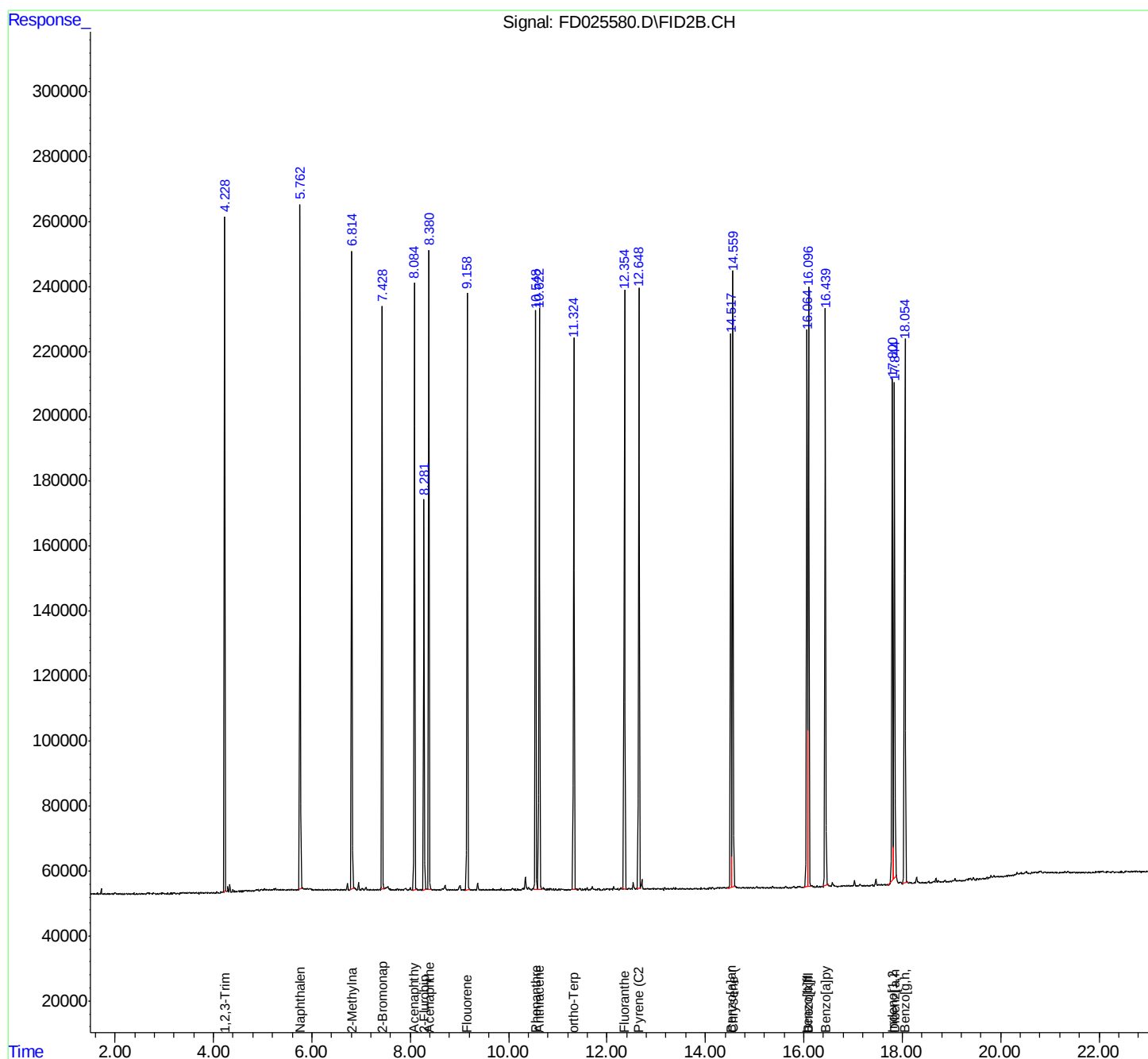
(f)=RT Delta > 1/2 Window

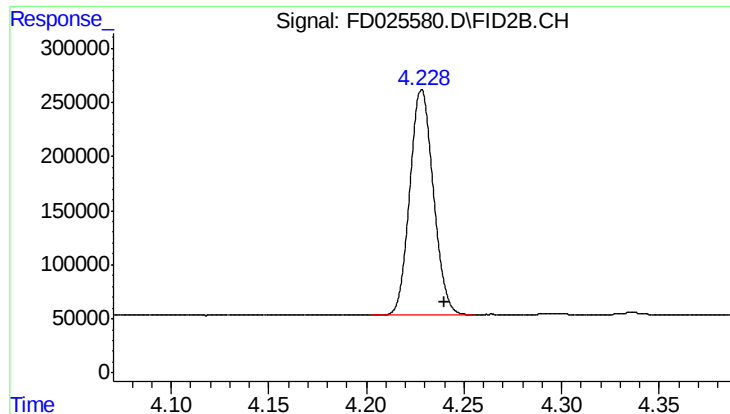
(m)=manual int.

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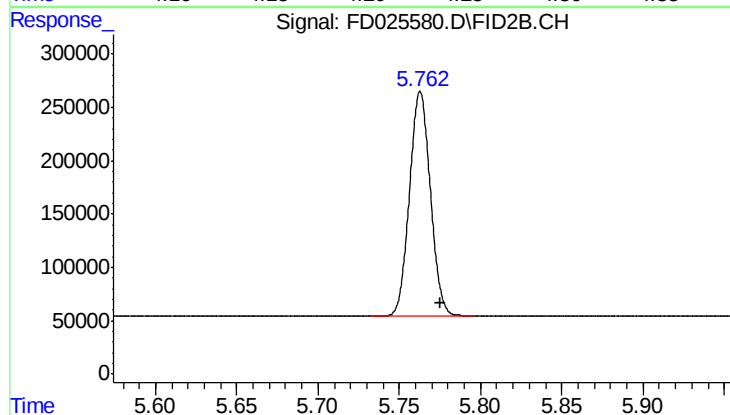
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





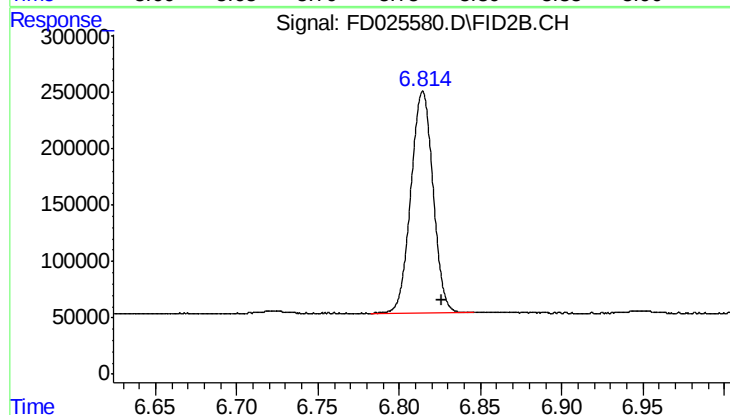
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min
Delta R.T.: -0.012 min
Response: 1735115
Conc: 22.08 ug/ml



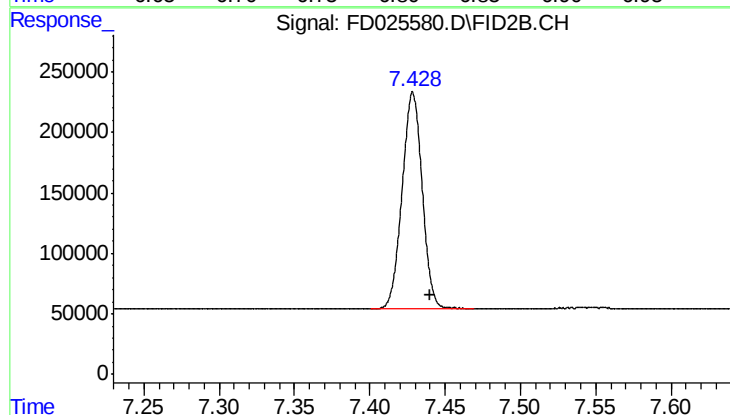
#2 Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: -0.012 min
Response: 1883384
Conc: 21.53 ug/ml



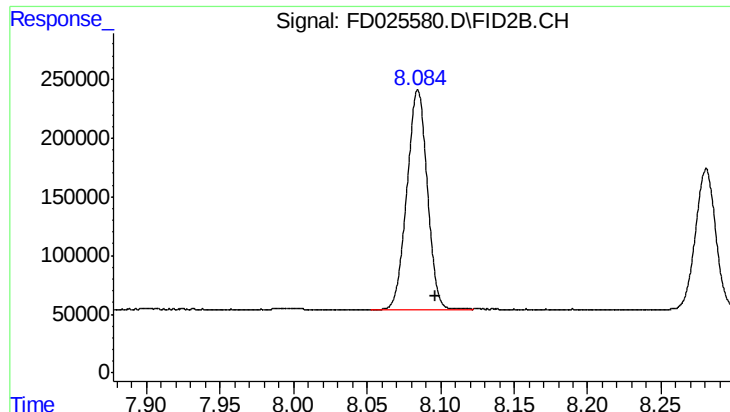
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: -0.012 min
Response: 1859459
Conc: 20.97 ug/ml



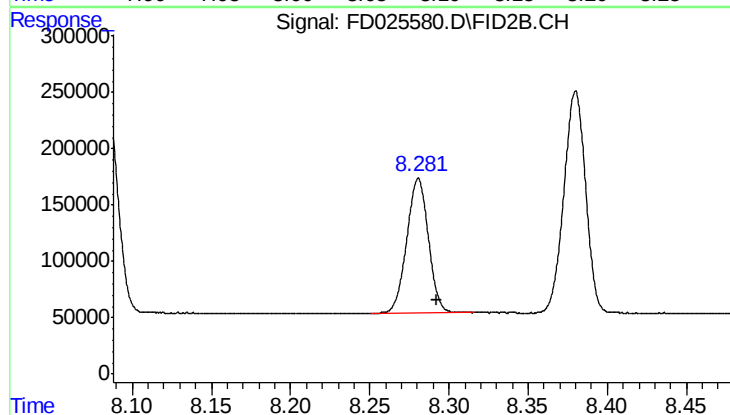
#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: -0.012 min
Response: 1658107
Conc: 20.57 ug/ml



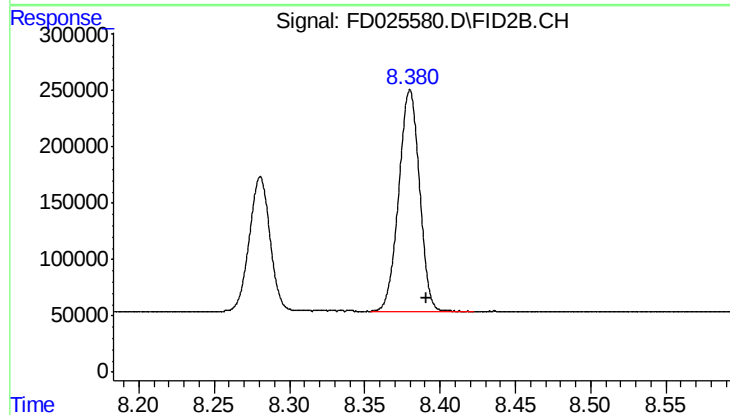
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.011 min
Response: 1798463
Conc: 20.18 ug/ml



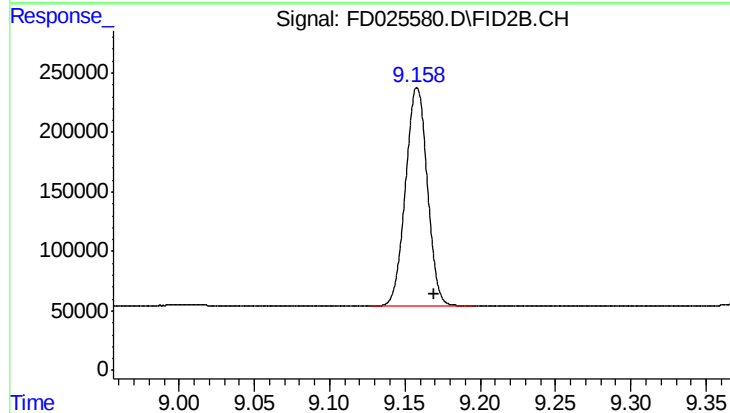
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.281 min
Delta R.T.: -0.012 min
Response: 1137770
Conc: 20.04 ug/ml



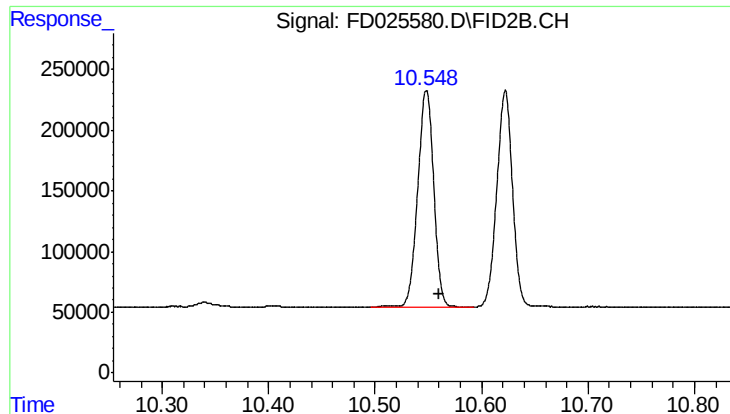
#7 Acenaphthene (C15.5)

R.T.: 8.380 min
Delta R.T.: -0.011 min
Response: 1881347
Conc: 20.11 ug/ml



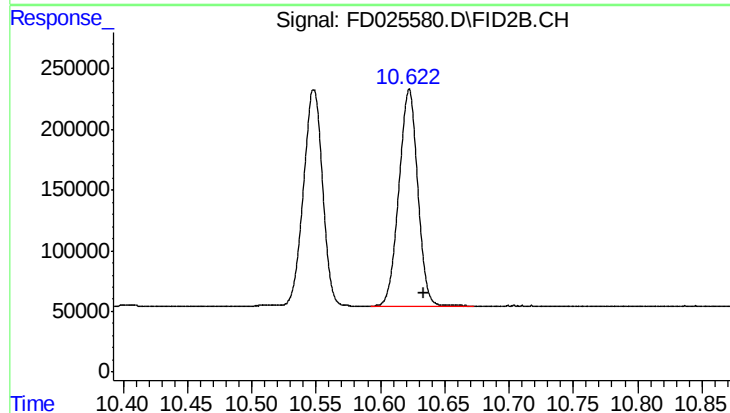
#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.011 min
Response: 1852257
Conc: 19.36 ug/ml



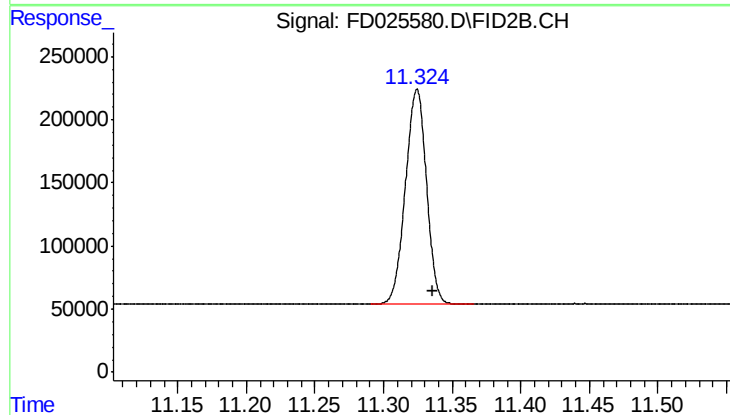
#9 Phenanthrene (C19.36)

R.T.: 10.548 min
Delta R.T.: -0.012 min
Response: 1860667
Conc: 19.27 ug/ml



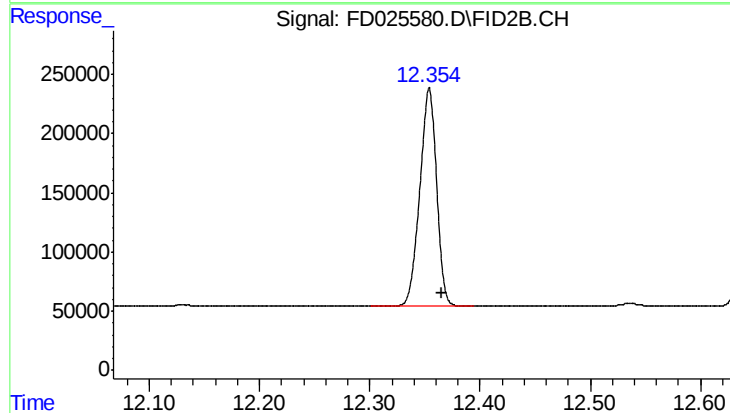
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.011 min
Response: 1828140
Conc: 19.27 ug/ml



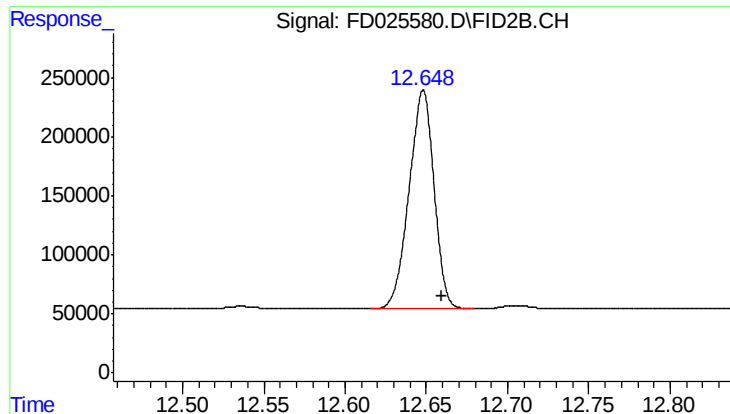
#11 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: -0.012 min
Response: 1811760
Conc: 19.33 ug/ml



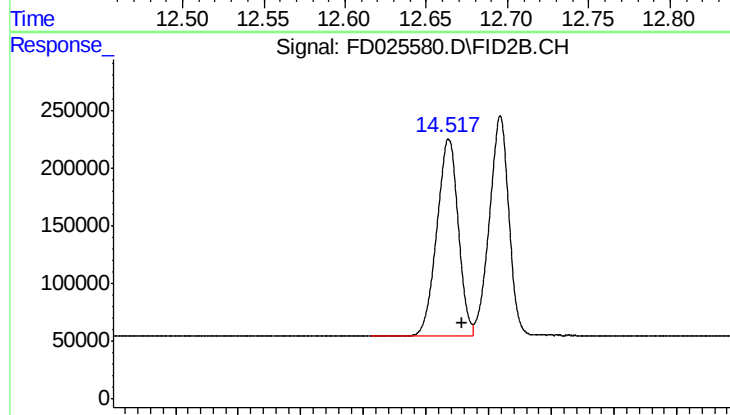
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: -0.012 min
Response: 1940753
Conc: 20.23 ug/ml



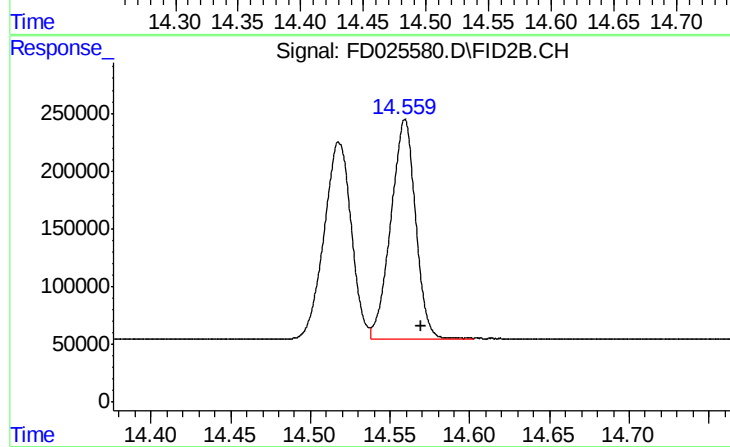
#13 Pyrene (C20.8)

R.T.: 12.648 min
Delta R.T.: -0.011 min
Response: 1973068
Conc: 20.62 ug/ml



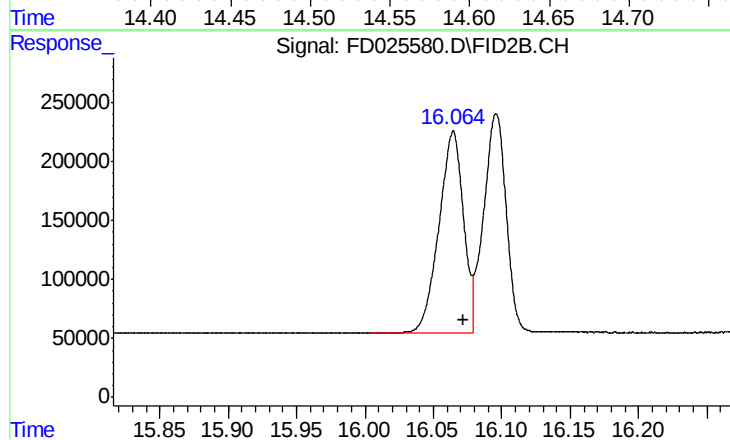
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.518 min
Delta R.T.: -0.011 min
Response: 2011951
Conc: 22.48 ug/ml



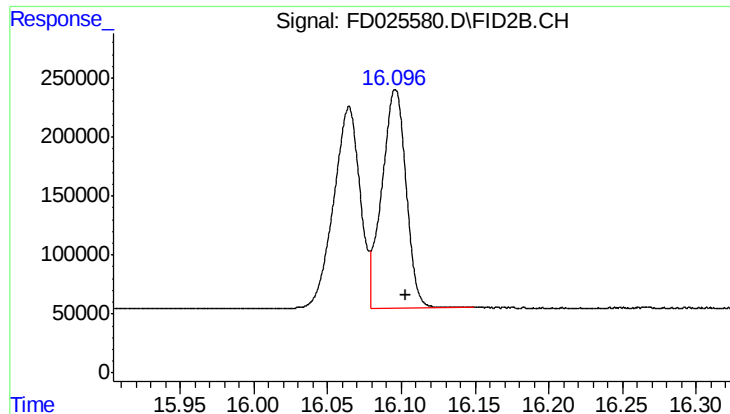
#15 Chrysene (C27.41)

R.T.: 14.559 min
Delta R.T.: -0.010 min
Response: 2037175
Conc: 22.71 ug/ml



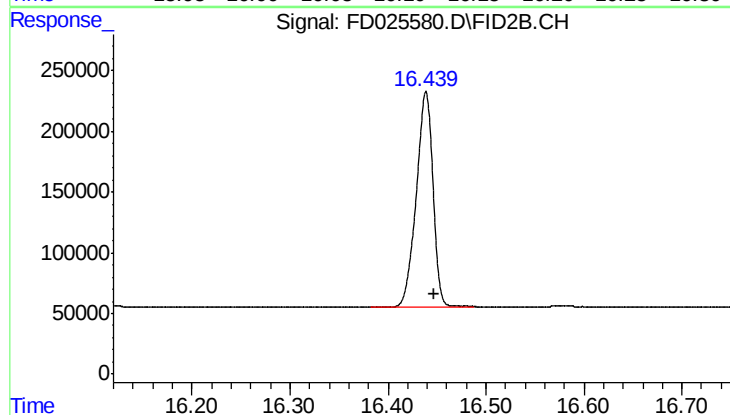
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.065 min
Delta R.T.: -0.008 min
Response: 2119179
Conc: 22.18 ug/ml



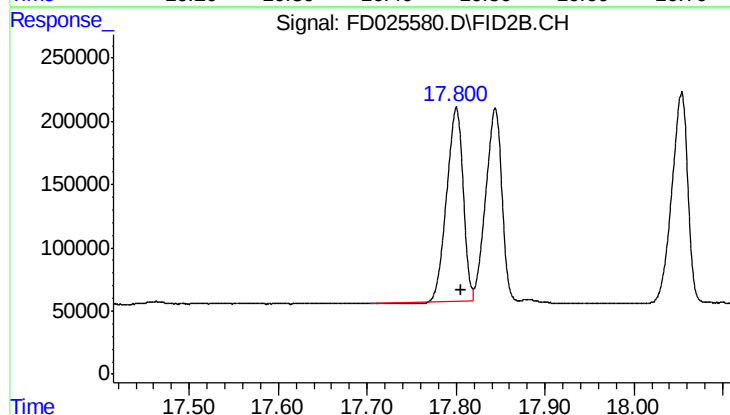
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.096 min
Delta R.T.: -0.007 min
Response: 2122711
Conc: 21.92 ug/ml



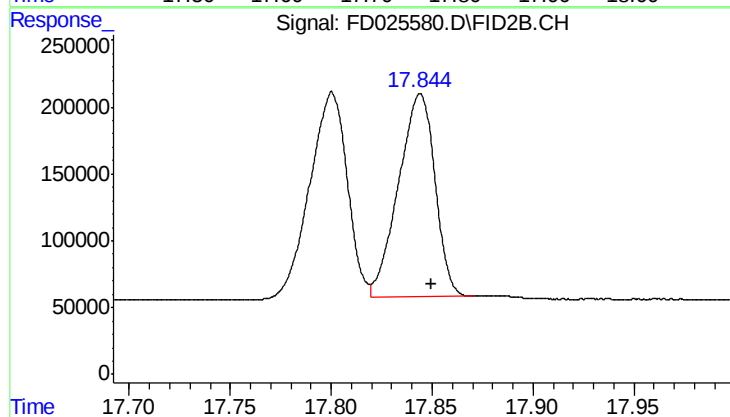
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min
Delta R.T.: -0.008 min
Response: 2090836
Conc: 21.49 ug/ml



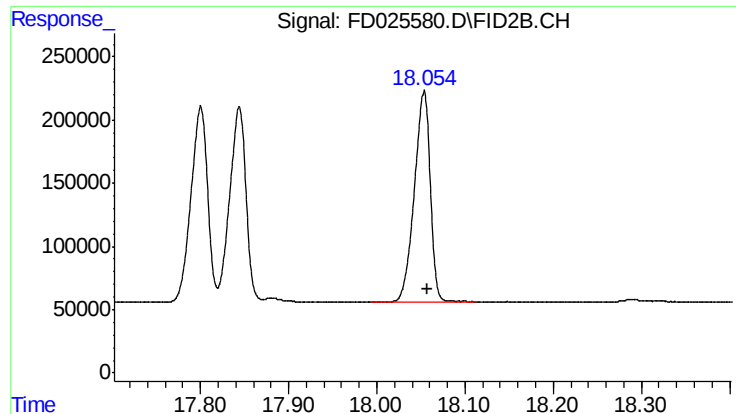
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: -0.005 min
Response: 1976851
Conc: 19.28 ug/ml



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

R.T.: 17.844 min
Delta R.T.: -0.006 min
Response: 1917312
Conc: 19.03 ug/ml



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

R.T.: 18.054 min
Delta R.T.: -0.004 min
Response: 2083797
Conc: 20.14 ug/ml