

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061518AR\
 Data File : FD024565.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2018 17:39
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 16 06:07:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 16 06:07:09 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...	7.479	1337070	16.651 ug/ml
Spiked Amount 50.000		Recovery =	33.30%
6) S 2-Fluorobiphenyl (SURR)	8.334	925318	16.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.43%
11) S ortho-Terphenyl (SURR)	11.384	1460587	15.708 ug/ml
Spiked Amount 50.000		Recovery =	31.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	1539031	17.742 ug/ml
2) T Naphthalene (C11.7)	5.813	1594463	17.336 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	1525433	16.843 ug/ml
5) T Acenaphthylene (C15.06)	8.138	1460573	16.480 ug/ml
7) T Acenaphthene (C15.5)	8.434	1521514	16.402 ug/ml
8) T Flouorene (C16.55)	9.214	1505946	16.115 ug/ml
9) T Phenanthrene (C19.36)	10.608	1588141	16.218 ug/ml
10) T Anthracene (C19.43)	10.682	1531892	15.718 ug/ml
12) T Fluoranthene (C21.85)	12.418	1687755	16.509 ug/ml
13) T Pyrene (C20.8)	12.713	1714722	16.578 ug/ml
14) T Benzo[a]anthracene (C...	14.587	1779701	17.654 ug/ml
15) T Chrysene (C27.41)	14.628	1796390	17.624 ug/ml
16) T benzo[b]fluoranthene ...	16.135	1857571	18.396 ug/ml
17) T Bnezo[k]fluoranthene ...	16.168	1887182	18.423 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	1864315	18.931 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	1865881	22.721 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	1821552	20.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.129	1841838	22.097 ug/ml

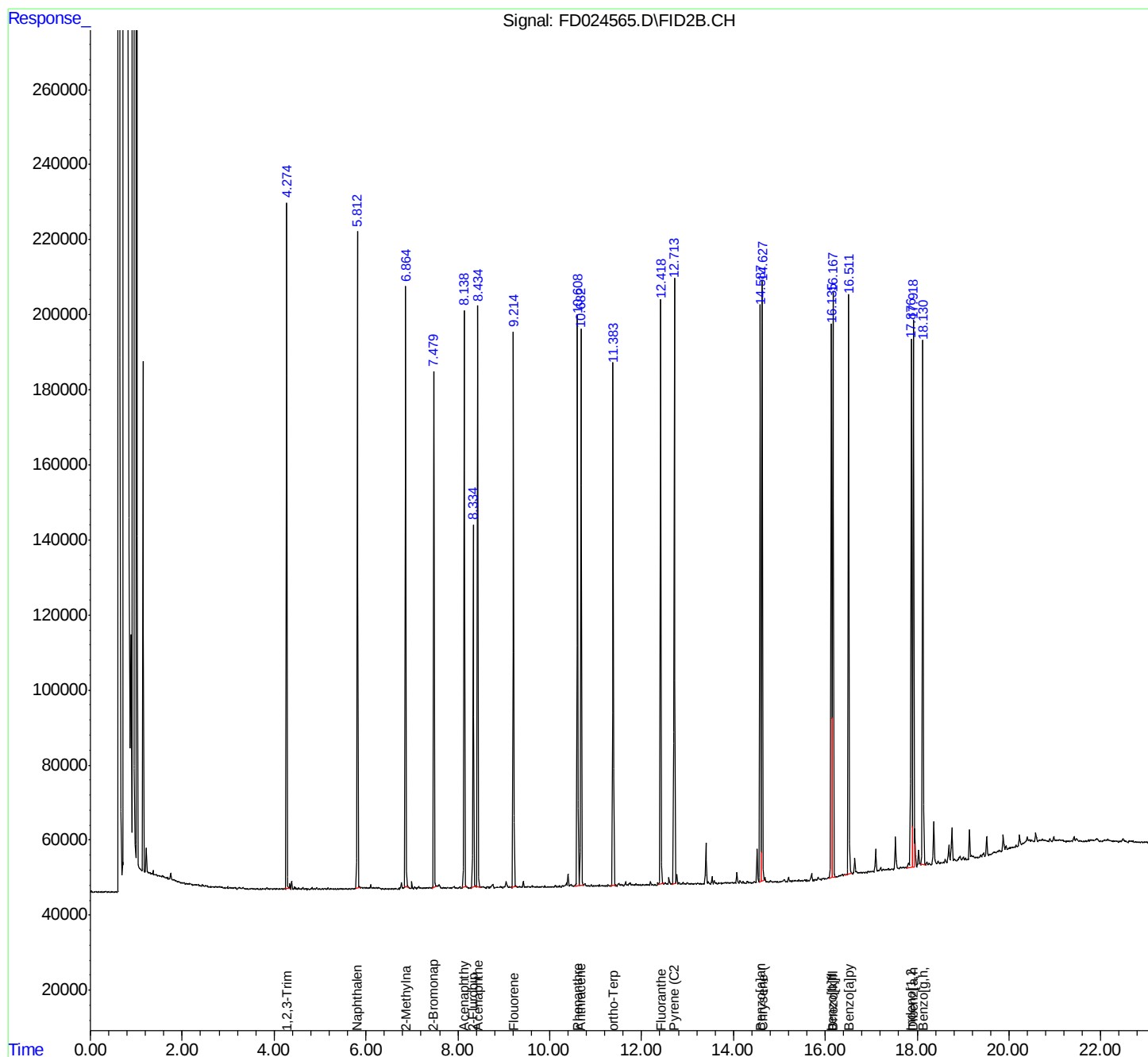
(f)=RT Delta > 1/2 Window

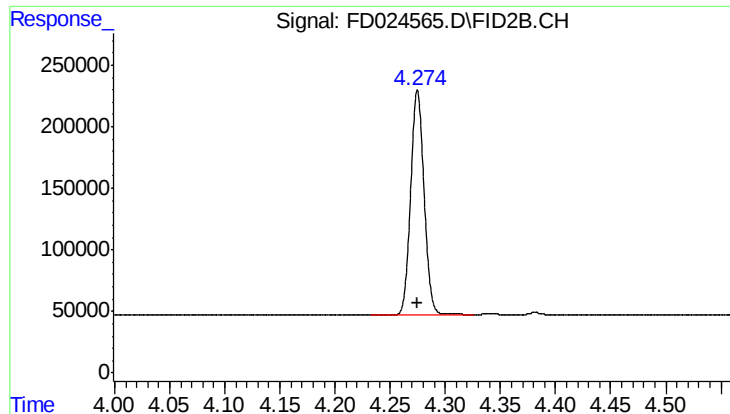
(m)=manual int.

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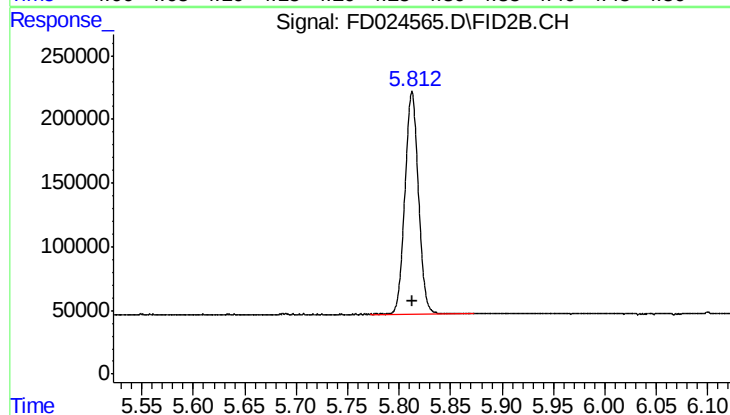
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Signal Info : 20M x 0.18mm x 0.18µm





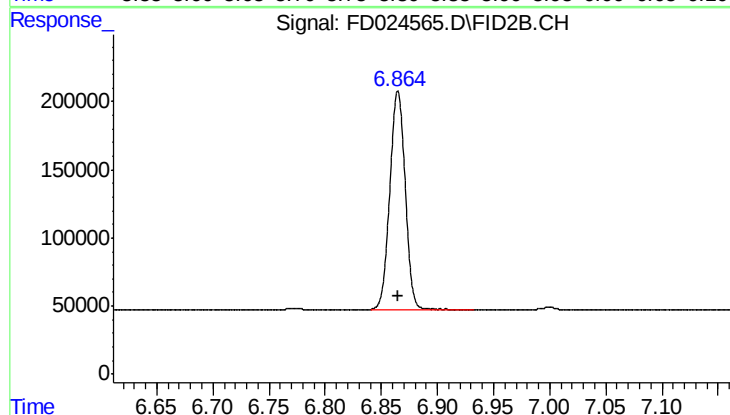
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 1539031
Conc: 17.74 ug/ml



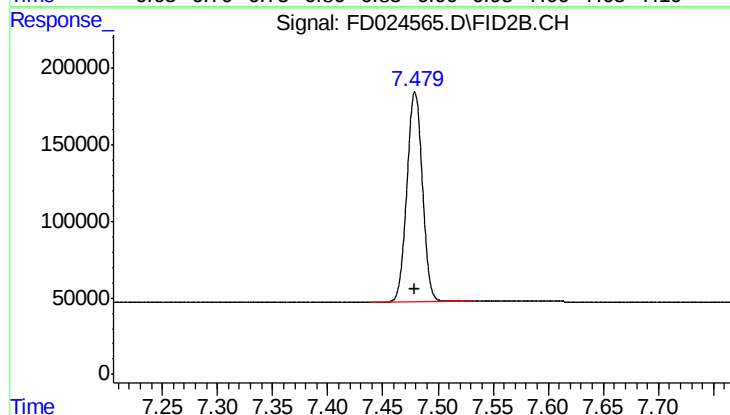
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 1594463
Conc: 17.34 ug/ml



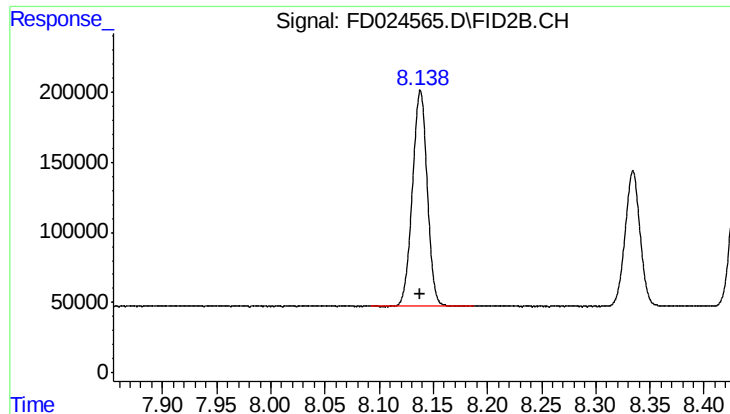
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 1525433
Conc: 16.84 ug/ml



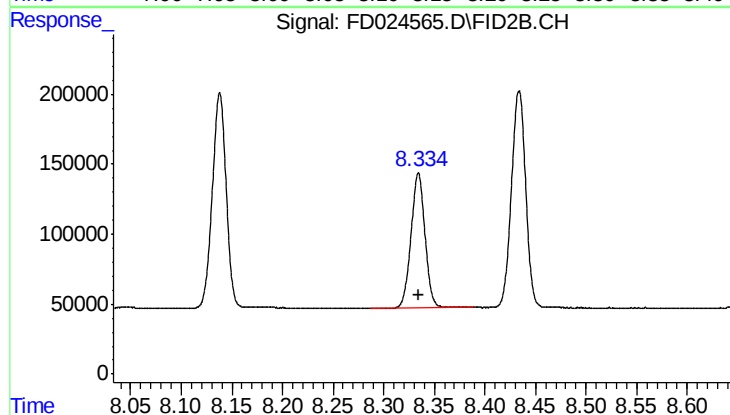
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 1337070
Conc: 16.65 ug/ml



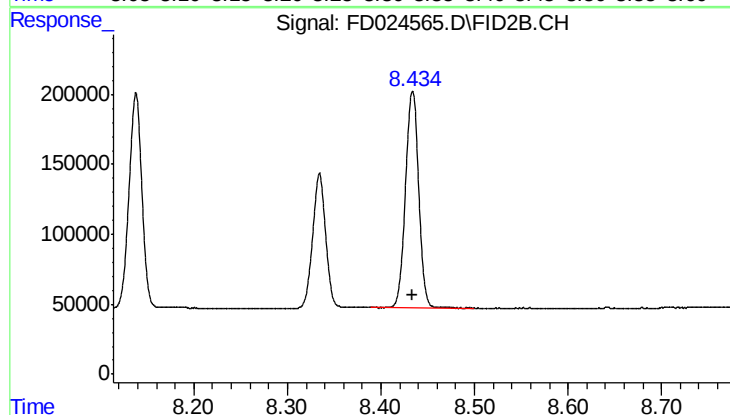
#5 Acenaphthylene (C15.06)

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 1460573
Conc: 16.48 ug/ml



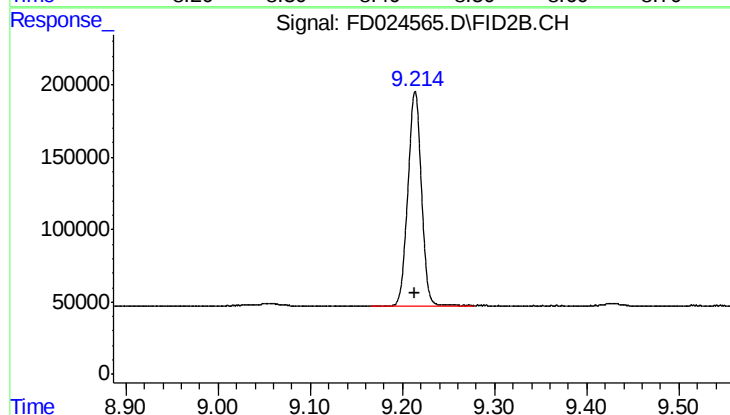
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 925318
Conc: 16.22 ug/ml



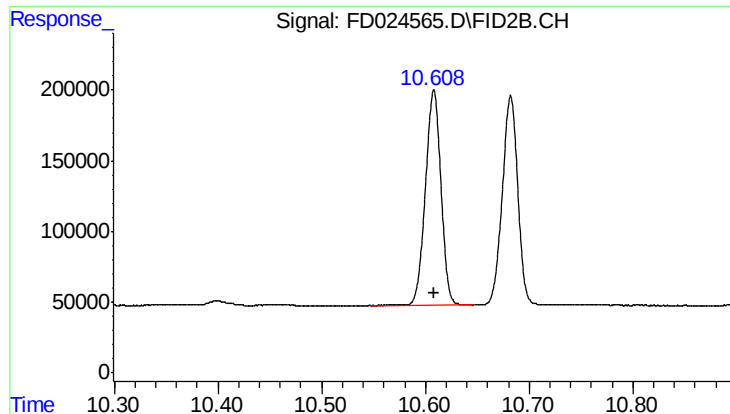
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 1521514
Conc: 16.40 ug/ml



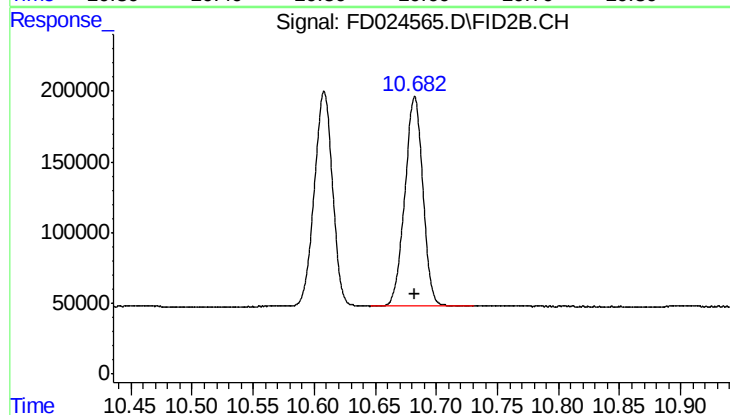
#8 Fluorene (C16.55)

R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 1505946
Conc: 16.11 ug/ml



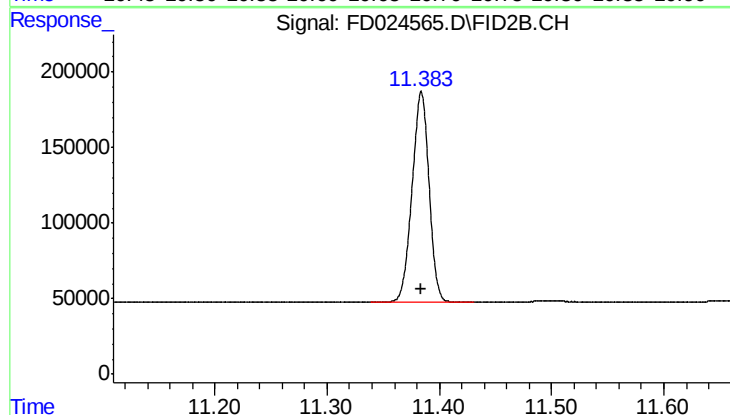
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: 0.000 min
Response: 1588141
Conc: 16.22 ug/ml



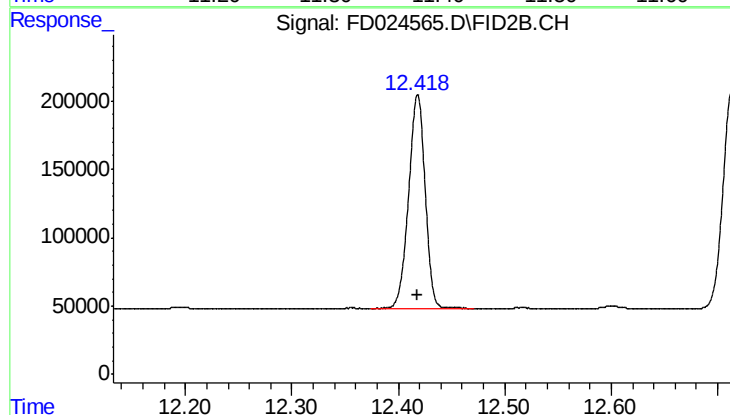
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.000 min
Response: 1531892
Conc: 15.72 ug/ml



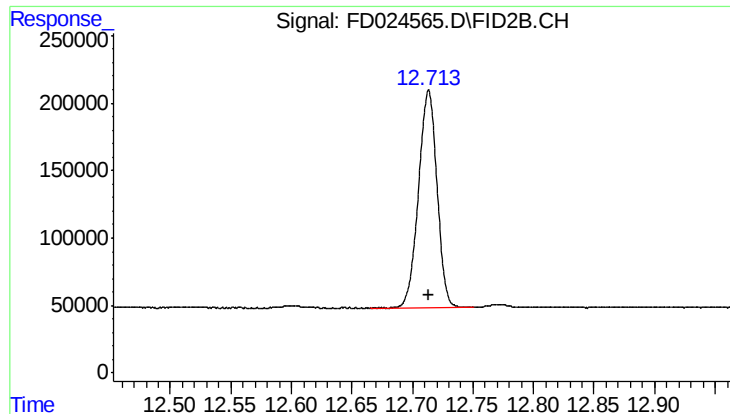
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: 0.000 min
Response: 1460587
Conc: 15.71 ug/ml



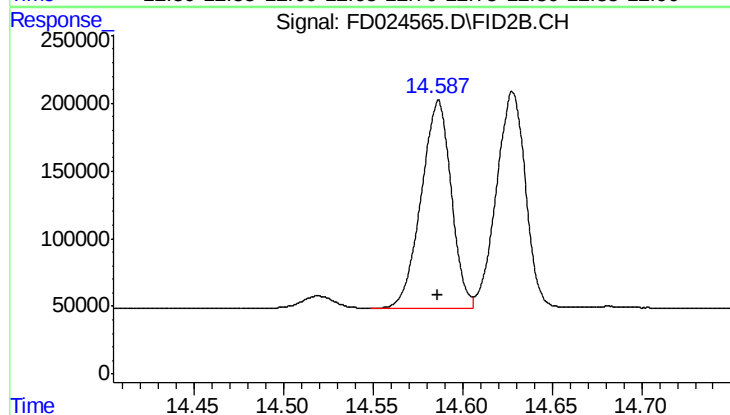
#12 Fluoranthene (C21.85)

R.T.: 12.418 min
Delta R.T.: 0.000 min
Response: 1687755
Conc: 16.51 ug/ml



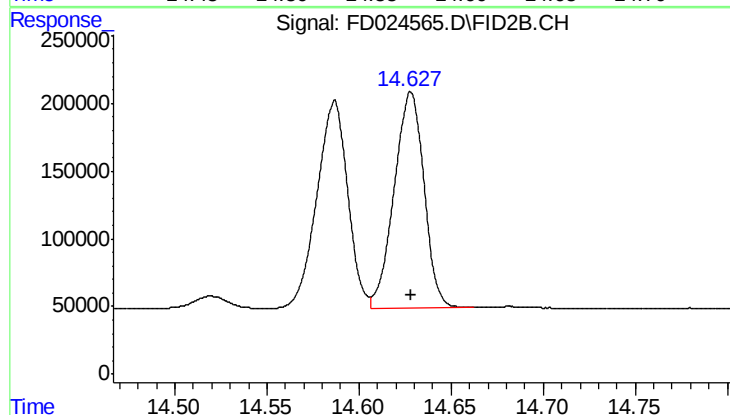
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: 0.000 min
Response: 1714722
Conc: 16.58 ug/ml



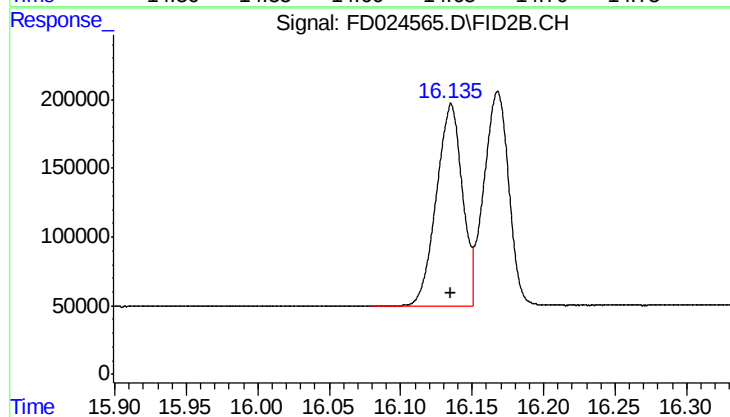
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 1779701
Conc: 17.65 ug/ml



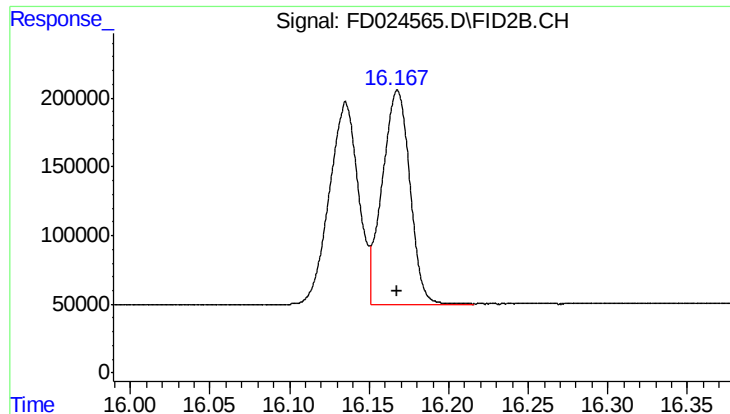
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 1796390
Conc: 17.62 ug/ml



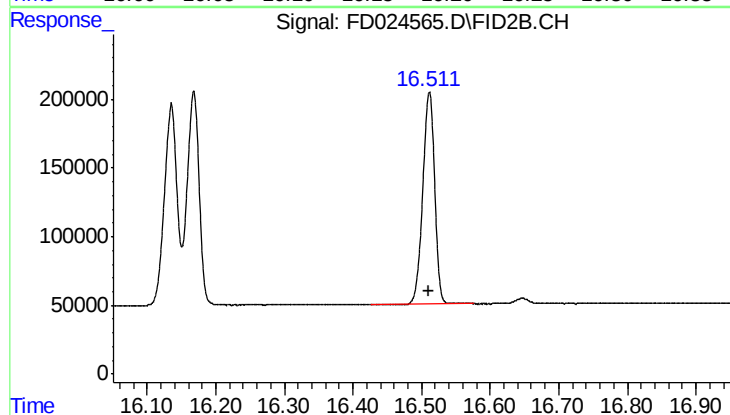
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 1857571
Conc: 18.40 ug/ml



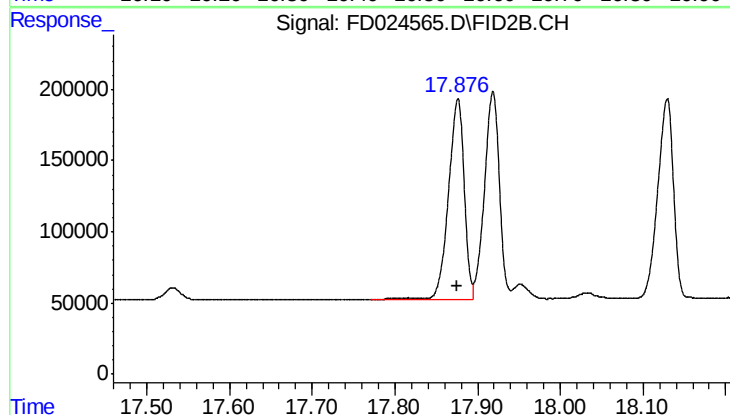
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min
Delta R.T.: 0.000 min
Response: 1887182
Conc: 18.42 ug/ml



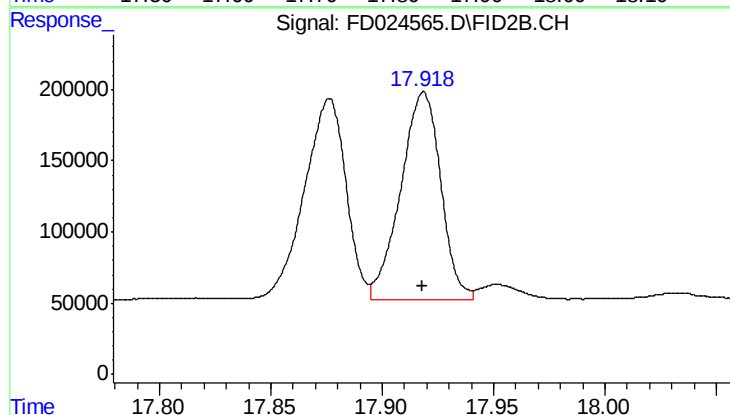
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min
Delta R.T.: 0.000 min
Response: 1864315
Conc: 18.93 ug/ml



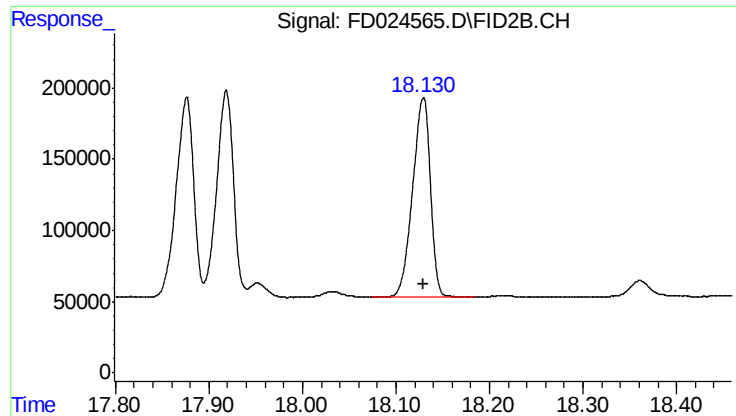
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: 0.000 min
Response: 1865881
Conc: 22.72 ug/ml



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

R.T.: 17.919 min
Delta R.T.: 0.000 min
Response: 1821552
Conc: 20.23 ug/ml



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

R.T.: 18.129 min
Delta R.T.: 0.000 min
Response: 1841838
Conc: 22.10 ug/ml