

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061918AR\
 Data File : FD024604.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2018 11:52
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 20 08:52:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 20 08:49:56 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	1406320	17.513 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
6) S 2-Fluorobiphenyl (SURR)	8.333	975592	17.098 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.20%
11) S ortho-Terphenyl (SURR)	11.383	1532977	16.487 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	1569640	18.095 ug/ml
2) T Naphthalene (C11.7)	5.811	1668150	18.138 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	1589069	17.546 ug/ml
5) T Acenaphthylene (C15.06)	8.137	1538512	17.359 ug/ml
7) T Acenaphthene (C15.5)	8.433	1604646	17.299 ug/ml
8) T Flouorene (C16.55)	9.213	1584804	16.959 ug/ml
9) T Phenanthrene (C19.36)	10.606	1630144	16.647 ug/mlm
10) T Anthracene (C19.43)	10.681	1609492	16.514 ug/ml
12) T Fluoranthene (C21.85)	12.417	1778992	17.402 ug/ml
13) T Pyrene (C20.8)	12.713	1801127	17.413 ug/ml
14) T Benzo[a]anthracene (C...	14.585	1854732	18.398 ug/mlm
15) T Chrysene (C27.41)	14.627	1871422	18.360 ug/ml
16) T benzo[b]fluoranthene ...	16.133	1942035	19.233 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.166	1958188	19.116 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.510	1935065	19.649 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	1857964	22.624 ug/mlm
20) T Dibenz[a,h]anthracene...	17.916	1825405	20.270 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	1886271	22.630 ug/ml

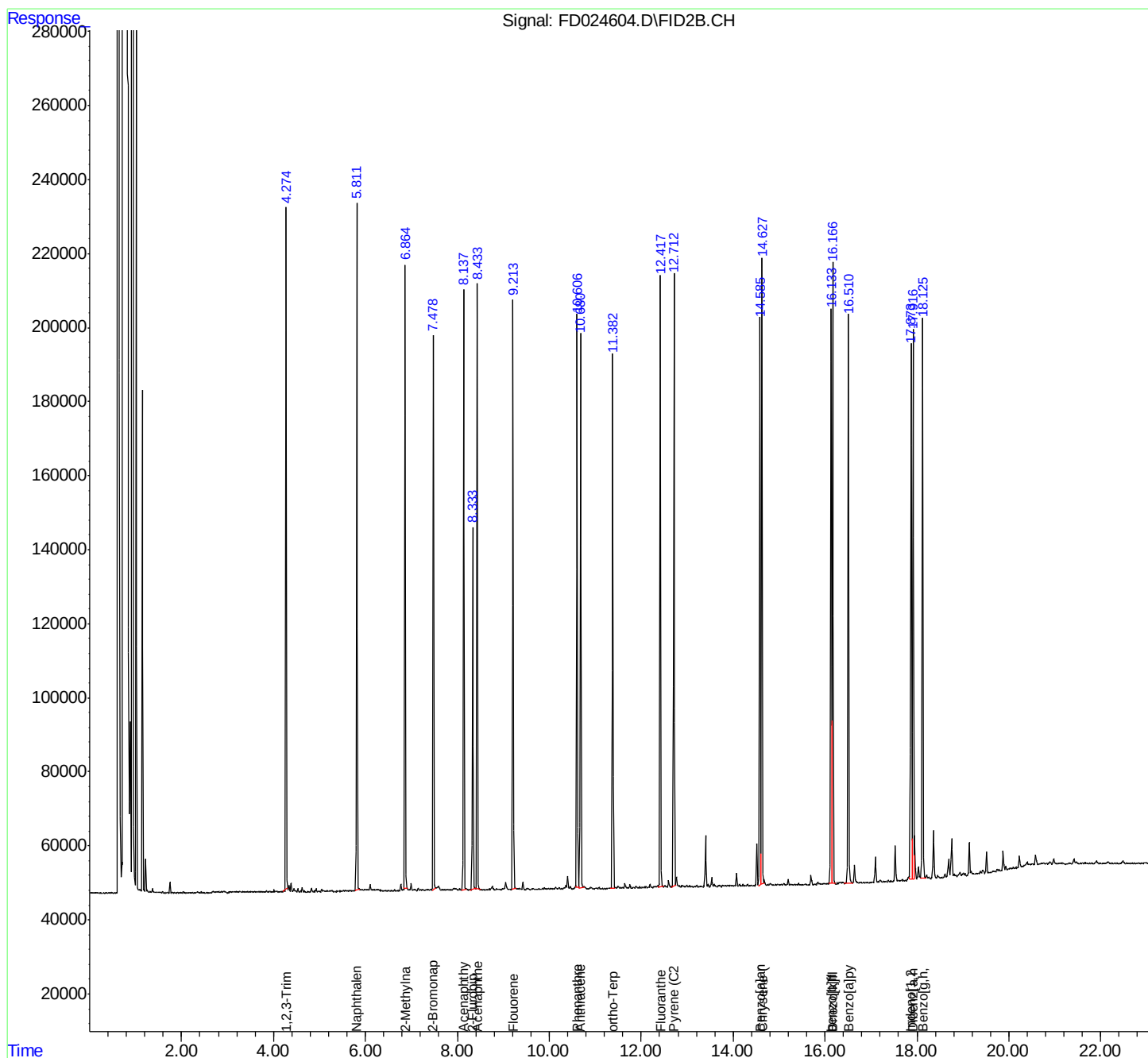
(f)=RT Delta > 1/2 Window

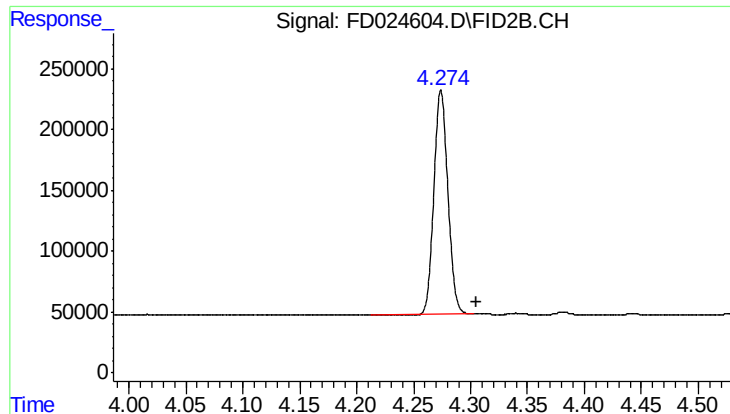
(m)=manual int.

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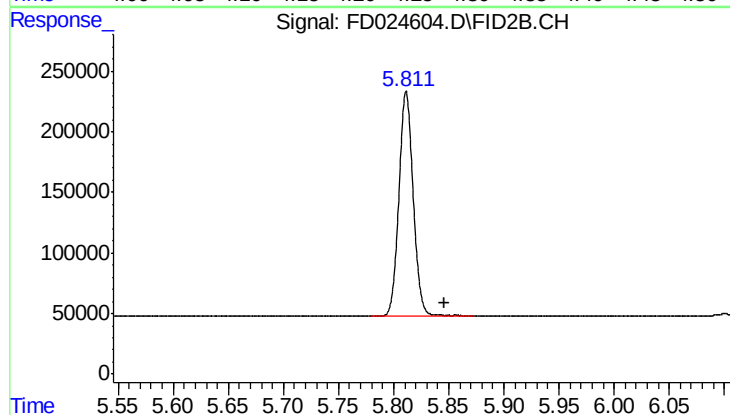
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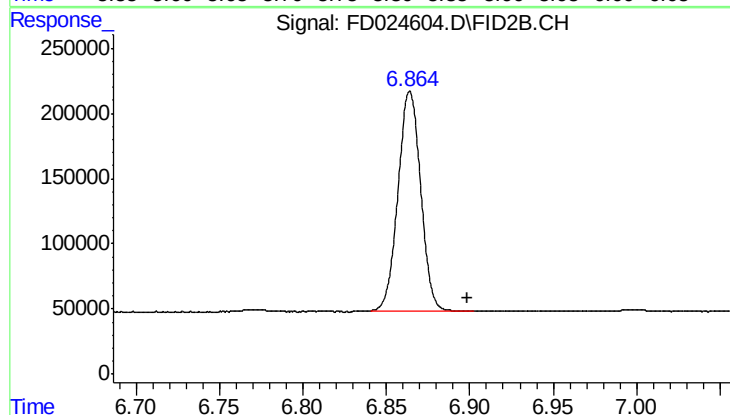
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.031 min
Response: 1569640
Conc: 18.10 ug/ml



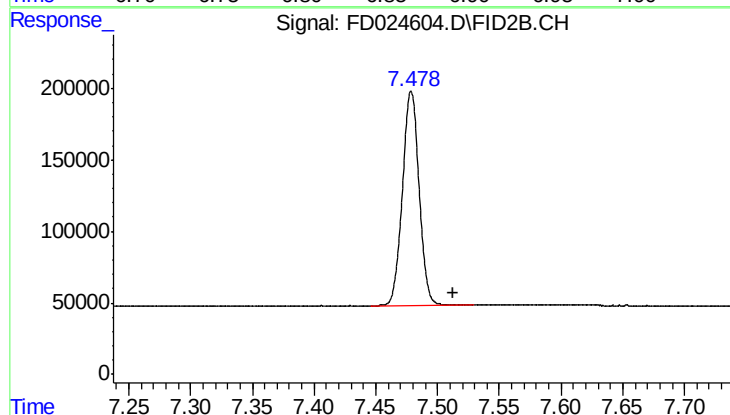
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: -0.035 min
Response: 1668150
Conc: 18.14 ug/ml



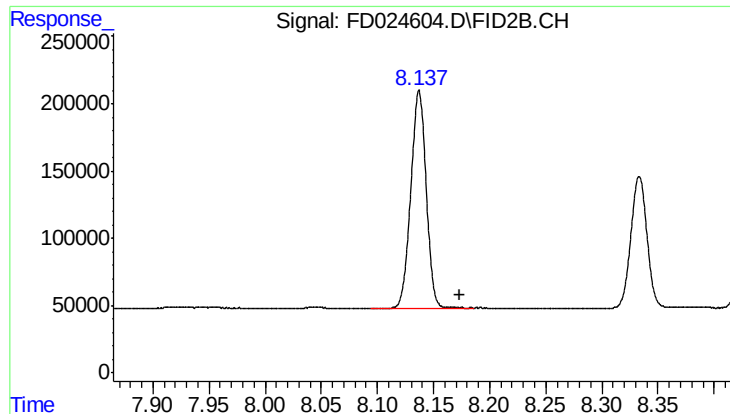
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.035 min
Response: 1589069
Conc: 17.55 ug/ml



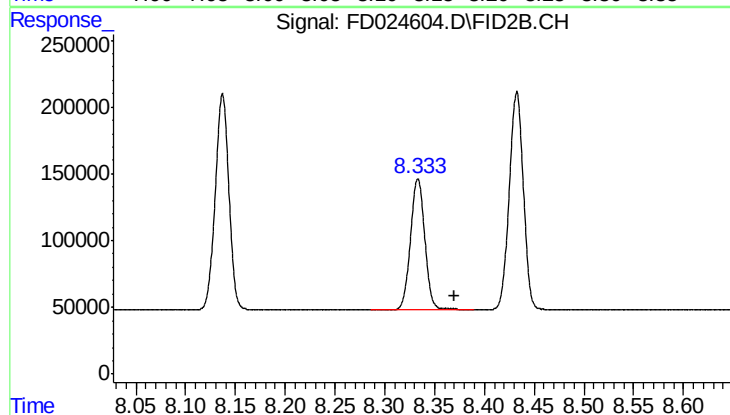
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.034 min
Response: 1406320
Conc: 17.51 ug/ml



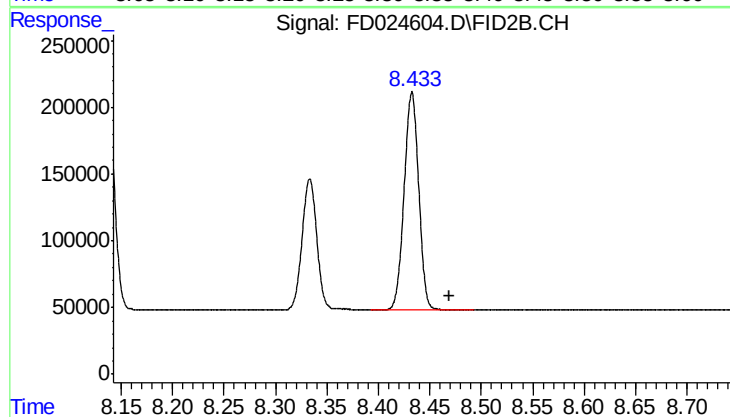
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: -0.036 min
Response: 1538512
Conc: 17.36 ug/ml



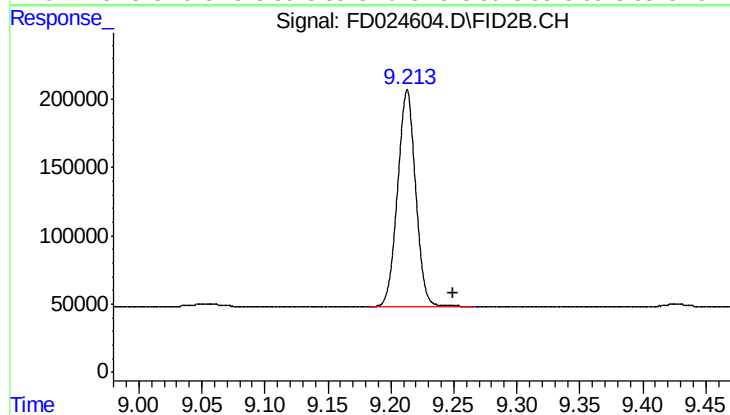
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.036 min
Response: 975592
Conc: 17.10 ug/ml



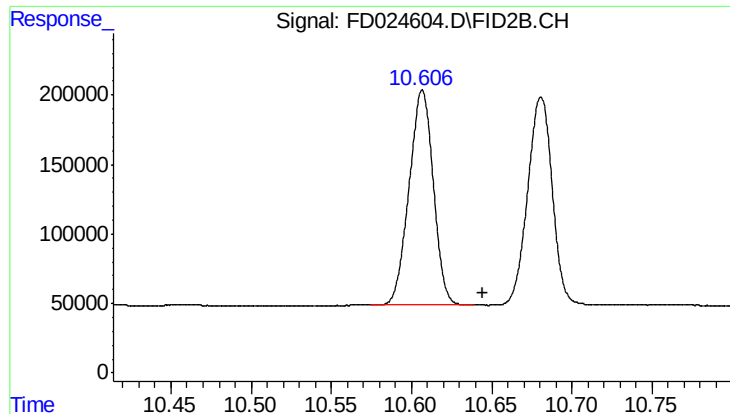
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.036 min
Response: 1604646
Conc: 17.30 ug/ml



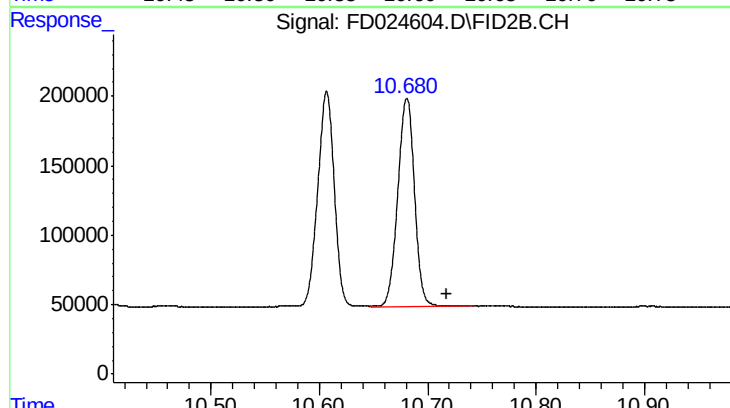
#8 Fluorene (C16.55)

R.T.: 9.213 min
Delta R.T.: -0.036 min
Response: 1584804
Conc: 16.96 ug/ml



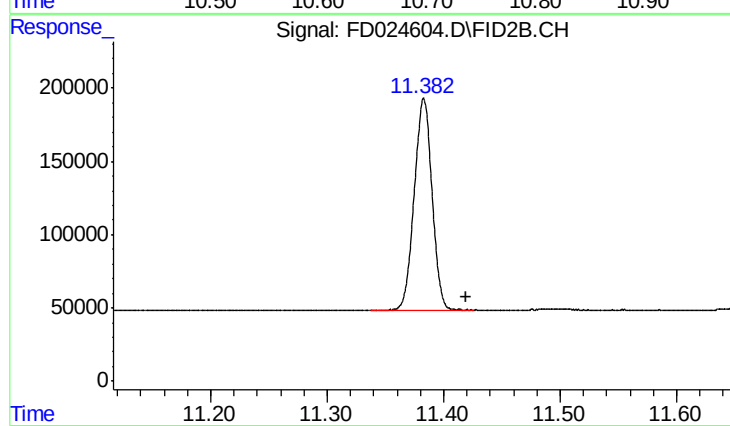
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: -0.038 min
Response: 1630144
Conc: 16.65 ug/ml m



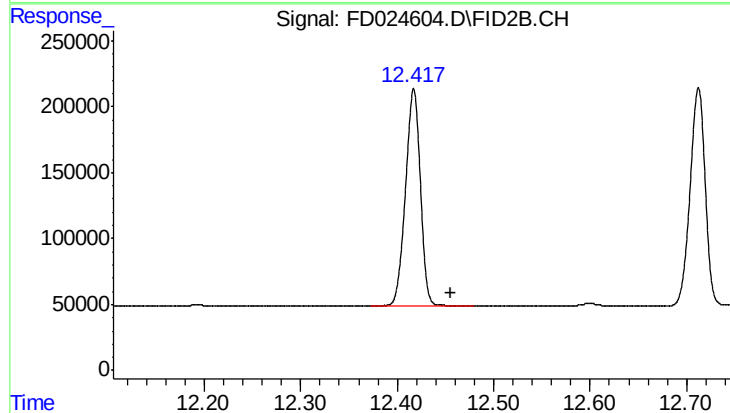
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.037 min
Response: 1609492
Conc: 16.51 ug/ml



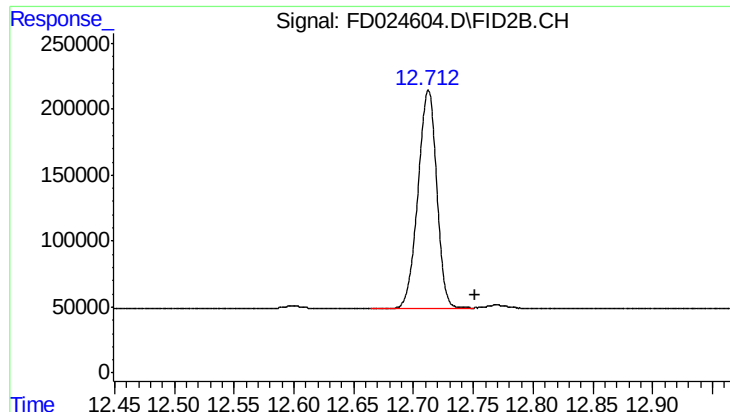
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.036 min
Response: 1532977
Conc: 16.49 ug/ml



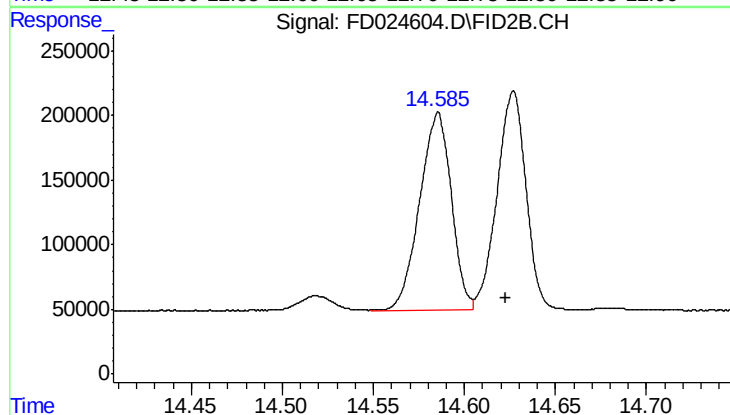
#12 Fluoranthene (C21.85)

R.T.: 12.417 min
Delta R.T.: -0.039 min
Response: 1778992
Conc: 17.40 ug/ml



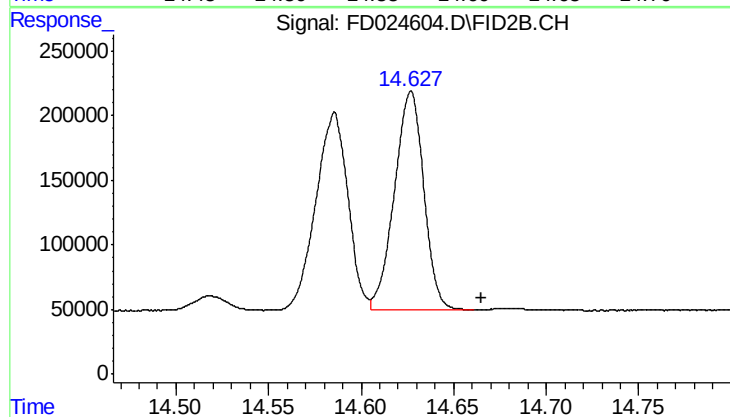
#13 Pyrene (C20.8)

R.T.: 12.713 min
Delta R.T.: -0.038 min
Response: 1801127
Conc: 17.41 ug/ml



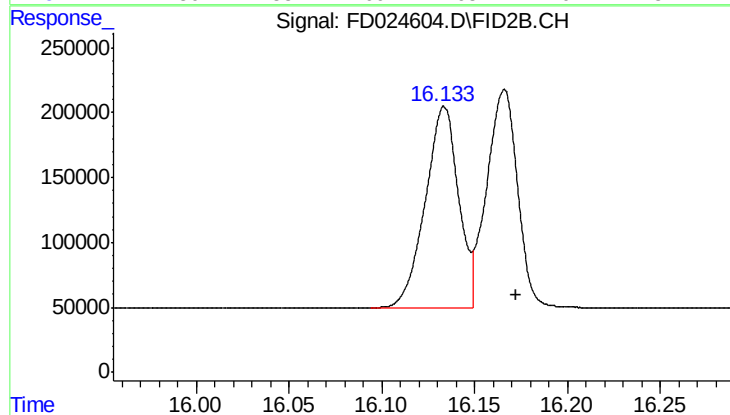
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min
Delta R.T.: -0.037 min
Response: 1854732
Conc: 18.40 ug/ml m



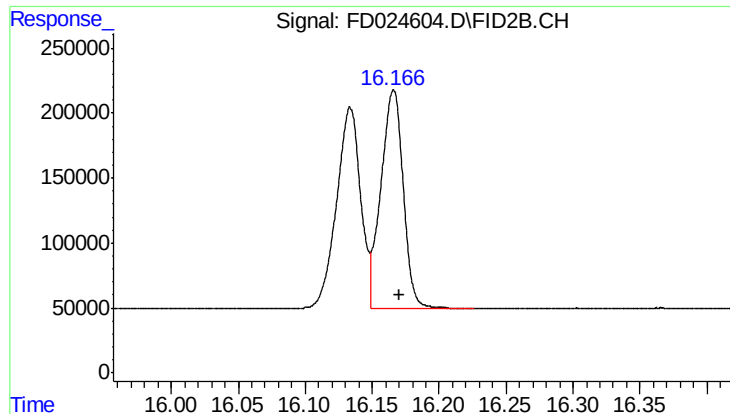
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: -0.038 min
Response: 1871422
Conc: 18.36 ug/ml



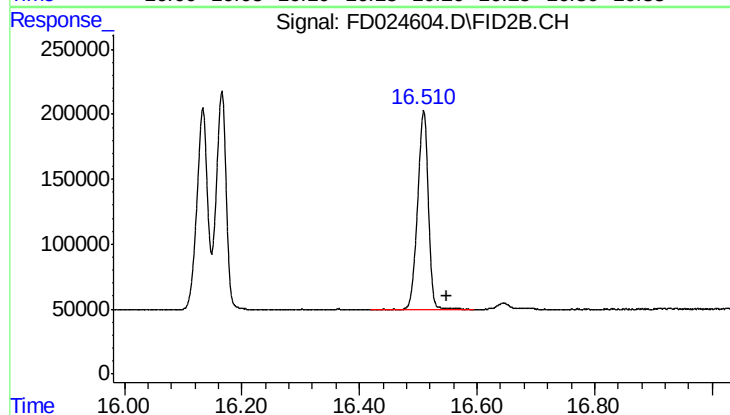
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.133 min
Delta R.T.: -0.039 min
Response: 1942035
Conc: 19.23 ug/ml m



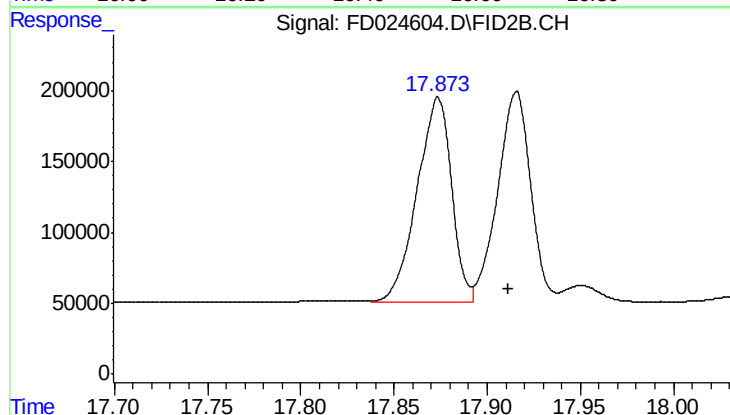
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.166 min
Delta R.T.: -0.004 min
Response: 1958188
Conc: 19.12 ug/ml



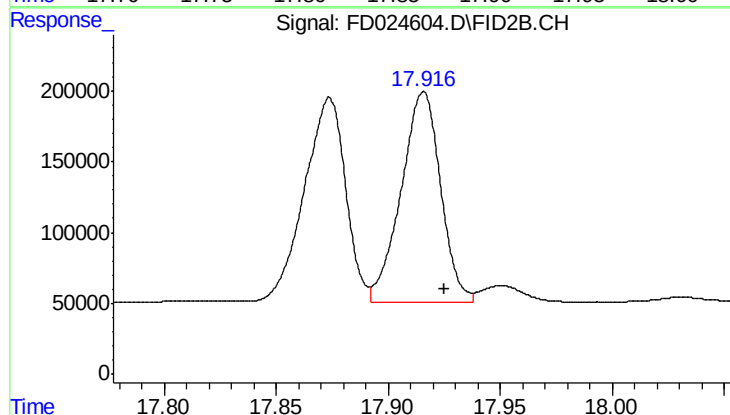
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min
Delta R.T.: -0.039 min
Response: 1935065
Conc: 19.65 ug/ml



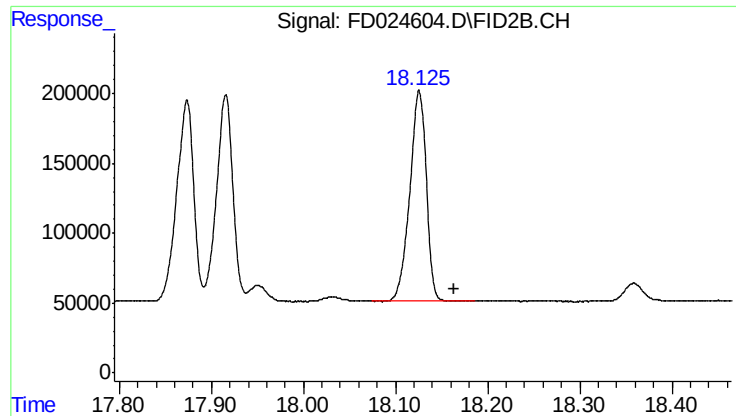
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: -0.038 min
Response: 1857964
Conc: 22.62 ug/ml m



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

R.T.: 17.916 min
Delta R.T.: -0.009 min
Response: 1825405
Conc: 20.27 ug/ml



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

R.T.: 18.126 min
Delta R.T.: -0.039 min
Response: 1886271
Conc: 22.63 ug/ml