

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011923AR\
 Data File : FD044842.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jan 2023 13:13
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 13:41:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:13:28 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.663	974233	5.690 ug/ml
Spiked Amount 50.000		Recovery =	11.38%
6) S 2-Fluorobiphenyl (SURR)	8.519	670804	5.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.43%
11) S ortho-Terphenyl (SURR)	11.545	1299838	5.853 ug/ml
Spiked Amount 50.000		Recovery =	11.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.485	1039879	5.717 ug/ml
2) T Naphthalene (C11.7)	6.012	1109318	5.721 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	1126301	5.712 ug/ml
5) T Acenaphthylene (C15.06)	8.323	1080153	5.841 ug/ml
7) T Acenaphthene (C15.5)	8.617	1107075	5.704 ug/ml
8) T Flouorene (C16.55)	9.392	1104144	5.706 ug/ml
9) T Phenanthrene (C19.36)	10.780	1132174	5.828 ug/ml
10) T Anthracene (C19.43)	10.854	1074247	5.782 ug/ml
12) T Fluoranthene (C21.85)	12.580	1164157	5.984 ug/ml
13) T Pyrene (C20.8)	12.875	1114797	5.858 ug/ml
14) T Benzo[a]anthracene (C...	14.734	1033299	5.918 ug/ml
15) T Chrysene (C27.41)	14.775	1076605	5.926 ug/ml
16) T benzo[b]fluoranthene ...	16.274	1026212	5.882 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	1015124	5.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	1012524	6.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.002	946846	5.833 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	975246	6.165 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	948489	5.929 ug/ml

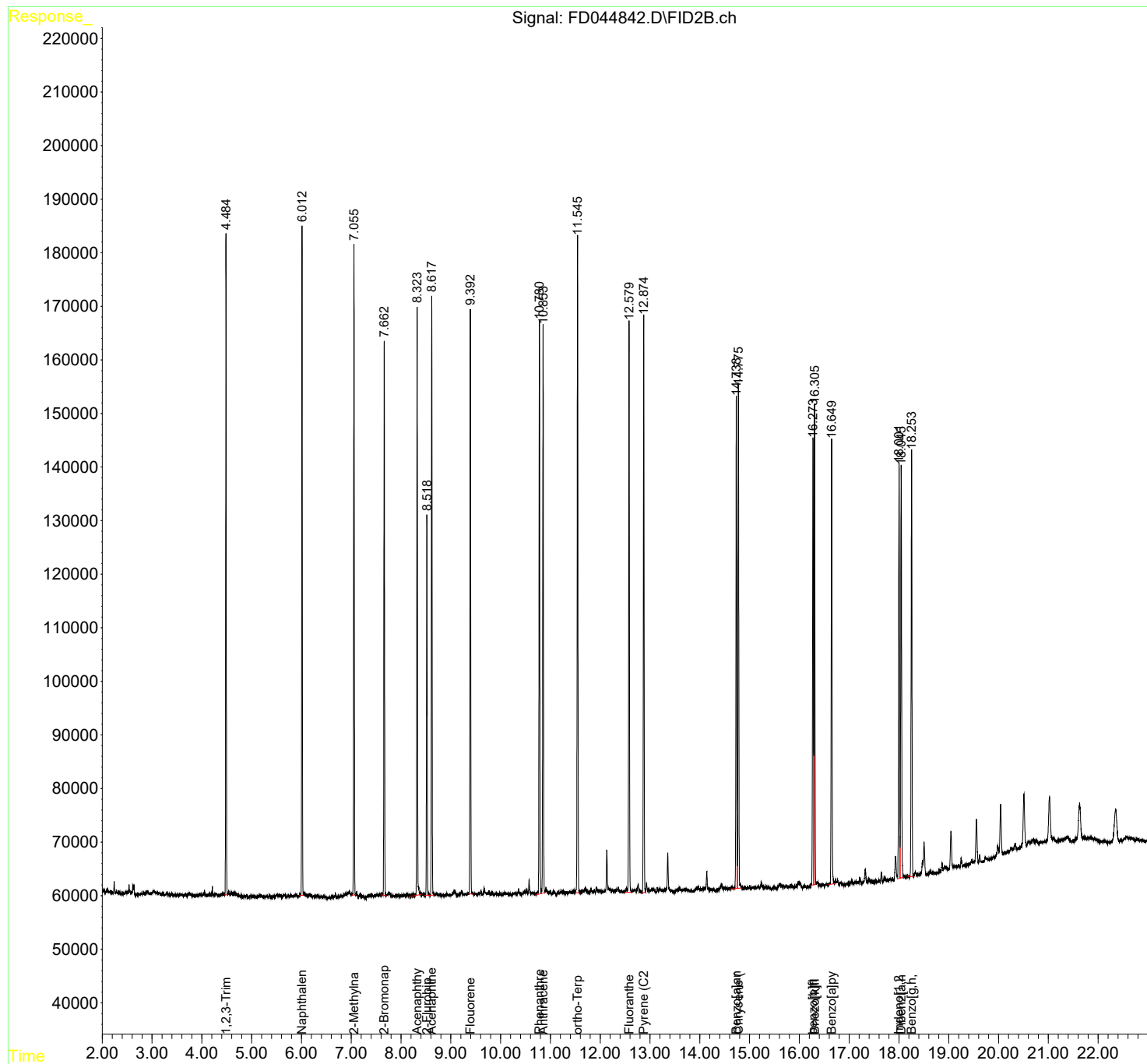
(f)=RT Delta > 1/2 Window

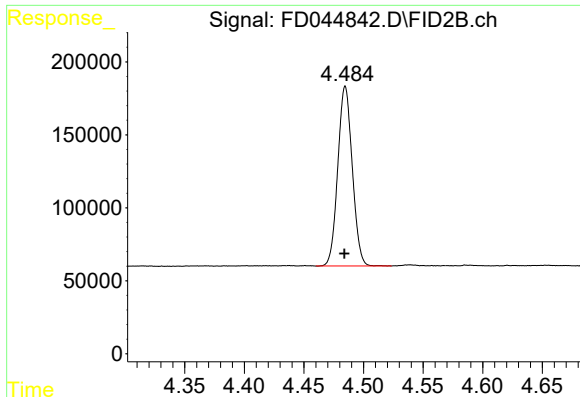
(m)=manual int.

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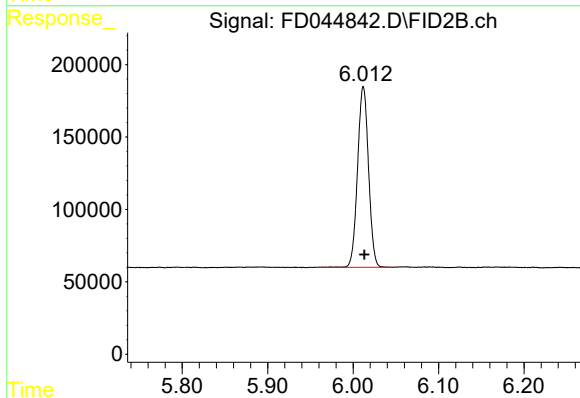
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Signal Info : 20M x 0.18mm x 0.18µm





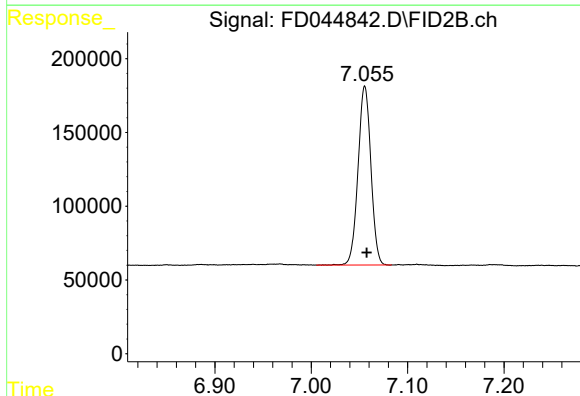
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 1039879
Conc: 5.72 ug/ml



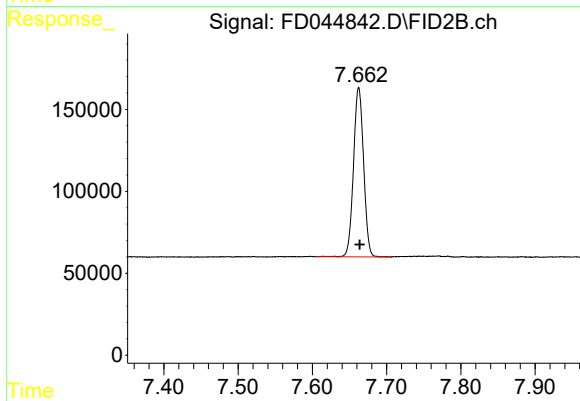
#2 Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.001 min
Response: 1109318
Conc: 5.72 ug/ml



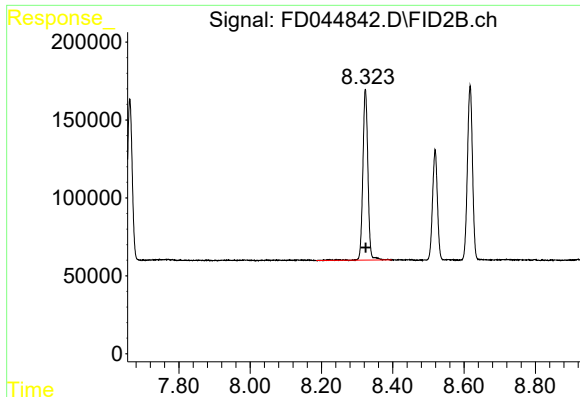
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 1126301
Conc: 5.71 ug/ml



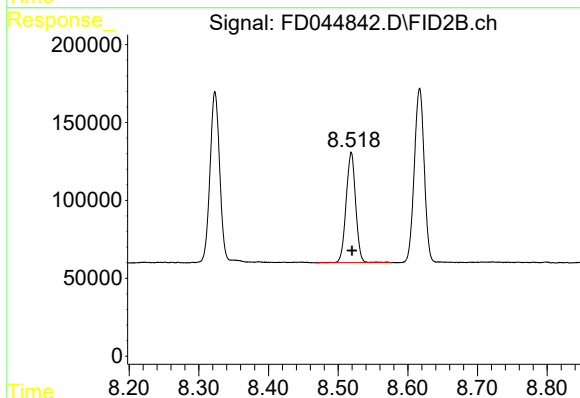
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: -0.001 min
Response: 974233
Conc: 5.69 ug/ml



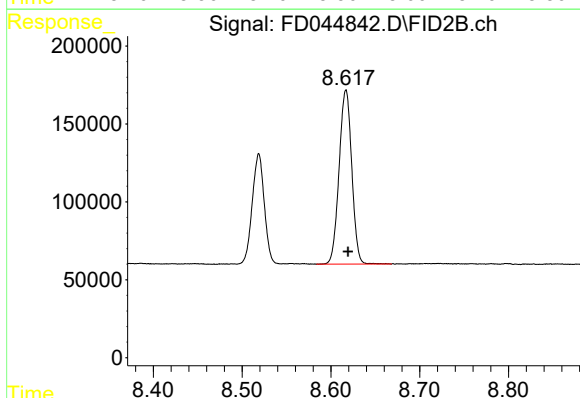
#5 Acenaphthylene (C15.06)

R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 1080153
Conc: 5.84 ug/ml



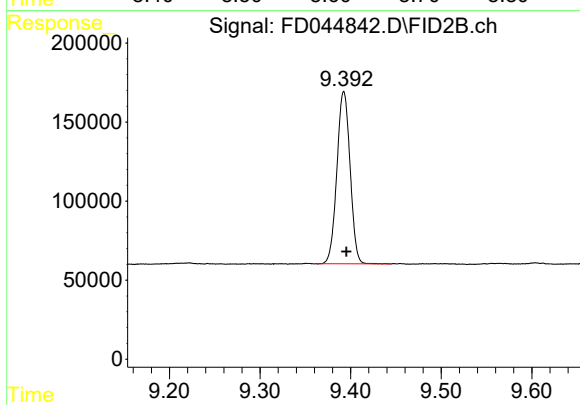
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: -0.001 min
Response: 670804
Conc: 5.72 ug/ml



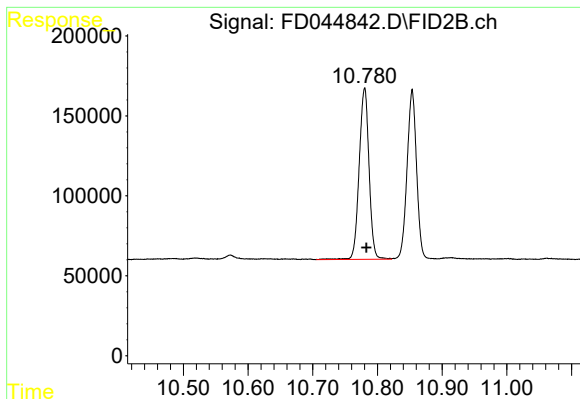
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 1107075
Conc: 5.70 ug/ml



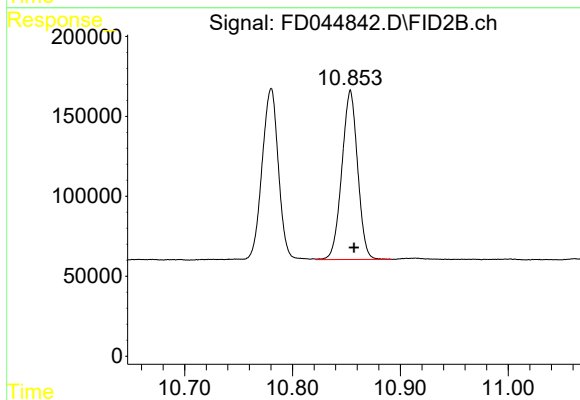
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.003 min
Response: 1104144
Conc: 5.71 ug/ml



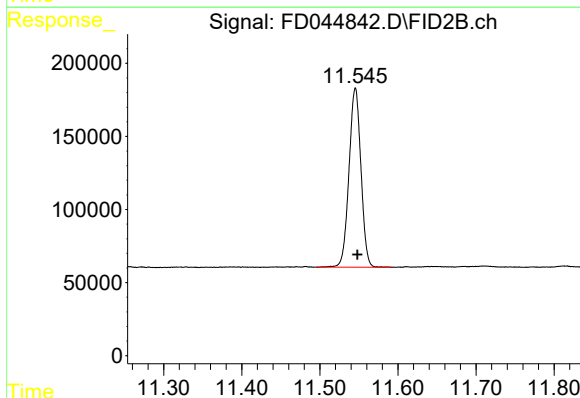
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 1132174
Conc: 5.83 ug/ml



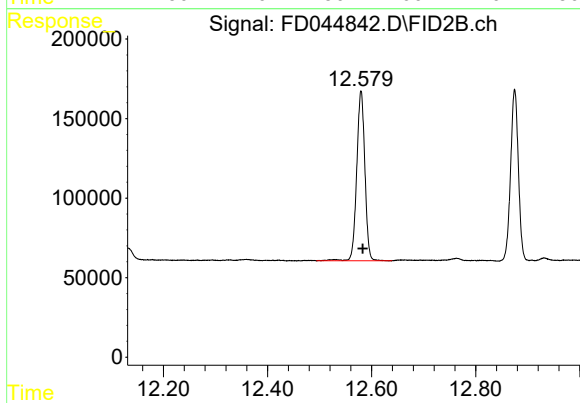
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.003 min
Response: 1074247
Conc: 5.78 ug/ml



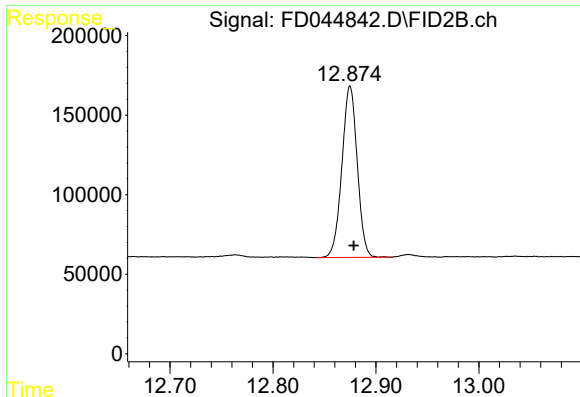
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.003 min
Response: 1299838
Conc: 5.85 ug/ml



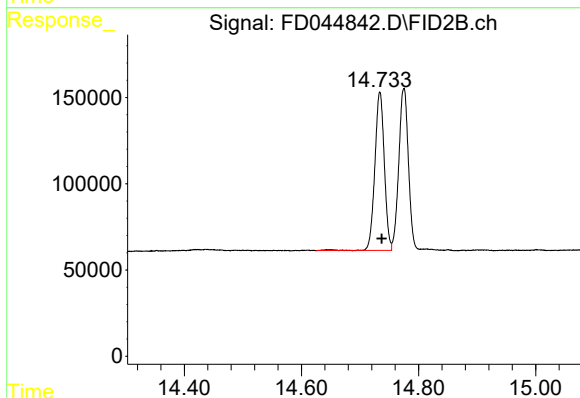
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 1164157
Conc: 5.98 ug/ml



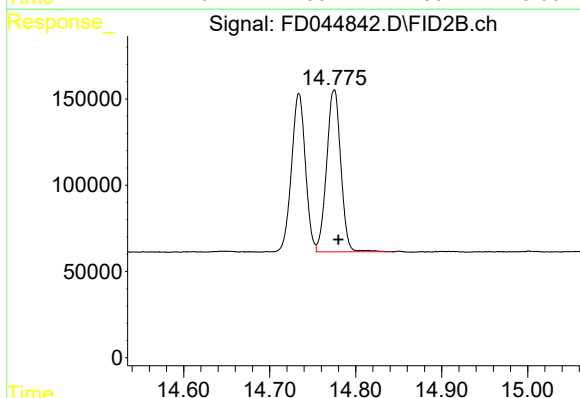
#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 1114797
Conc: 5.86 ug/ml



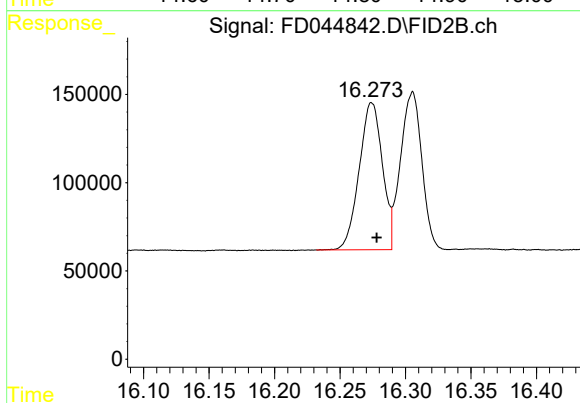
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.003 min
Response: 1033299
Conc: 5.92 ug/ml



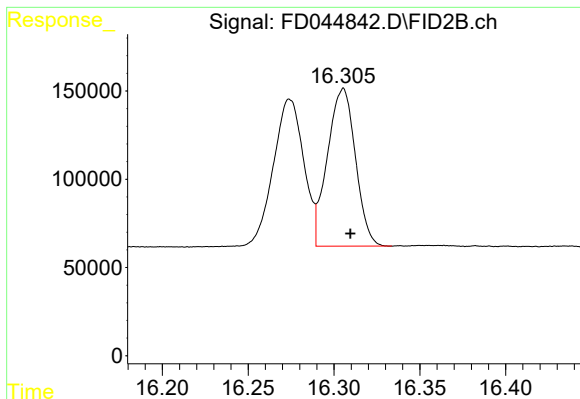
#15 Chrysene (C27.41)

R.T.: 14.775 min
Delta R.T.: -0.005 min
Response: 1076605
Conc: 5.93 ug/ml



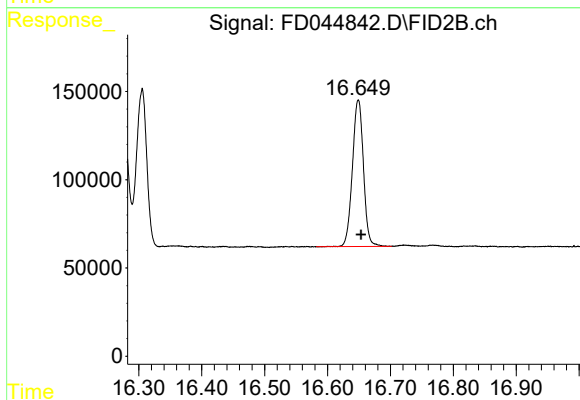
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: -0.004 min
Response: 1026212
Conc: 5.88 ug/ml



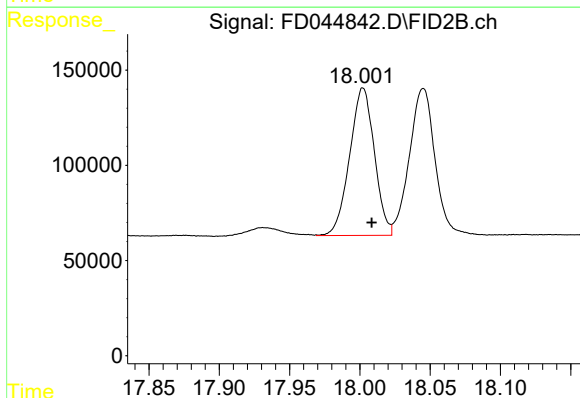
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.305 min
Delta R.T.: -0.005 min
Response: 1015124
Conc: 5.92 ug/ml



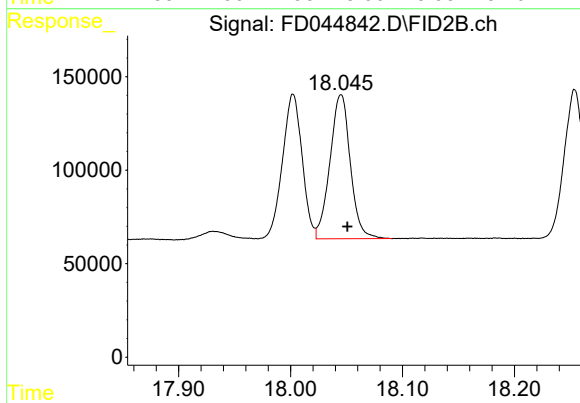
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: -0.004 min
Response: 1012524
Conc: 6.00 ug/ml



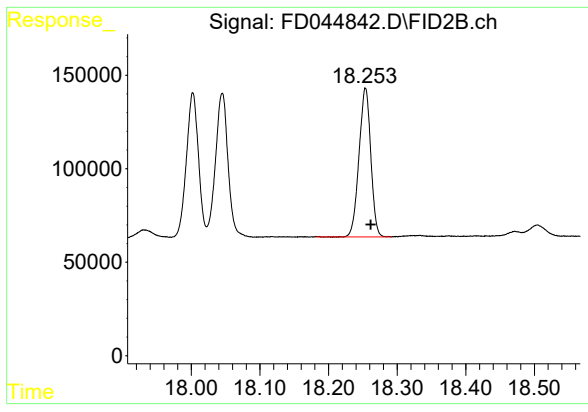
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.002 min
Delta R.T.: -0.006 min
Response: 946846
Conc: 5.83 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.006 min
Response: 975246
Conc: 6.17 ug/ml



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

R.T.: 18.254 min
Delta R.T.: -0.008 min
Response: 948489
Conc: 5.93 ug/ml