

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011123AR\
 Data File : FD044760.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jan 2023 14:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 03:50:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 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...	7.660	3309856	22.953 ug/ml
Spiked Amount 50.000		Recovery =	45.91%
6) S 2-Fluorobiphenyl (SURR)	8.517	2201802	22.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.36%
11) S ortho-Terphenyl (SURR)	11.546	4140817	22.983 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	3743408	23.266 ug/ml
2) T Naphthalene (C11.7)	6.010	3869495	23.054 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3861317	22.965 ug/ml
5) T Acenaphthylene (C15.06)	8.322	3507211	23.123 ug/ml
7) T Acenaphthene (C15.5)	8.616	3712864	22.903 ug/ml
8) T Flouorene (C16.55)	9.392	3635764	22.812 ug/ml
9) T Phenanthrene (C19.36)	10.781	3585127	22.845 ug/ml
10) T Anthracene (C19.43)	10.854	3418082	27.182 ug/ml
12) T Fluoranthene (C21.85)	12.581	3591699	22.872 ug/ml
13) T Pyrene (C20.8)	12.876	3537279	23.107 ug/ml
14) T Benzo[a]anthracene (C...	14.736	3296821	23.186 ug/ml
15) T Chrysene (C27.41)	14.779	3439939	22.685 ug/ml
16) T benzo[b]fluoranthene ...	16.275	3294521	21.906 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	3309986	21.848 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	3173382	21.873 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	2775648	19.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	2946236	20.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.257	2921306	20.564 ug/ml

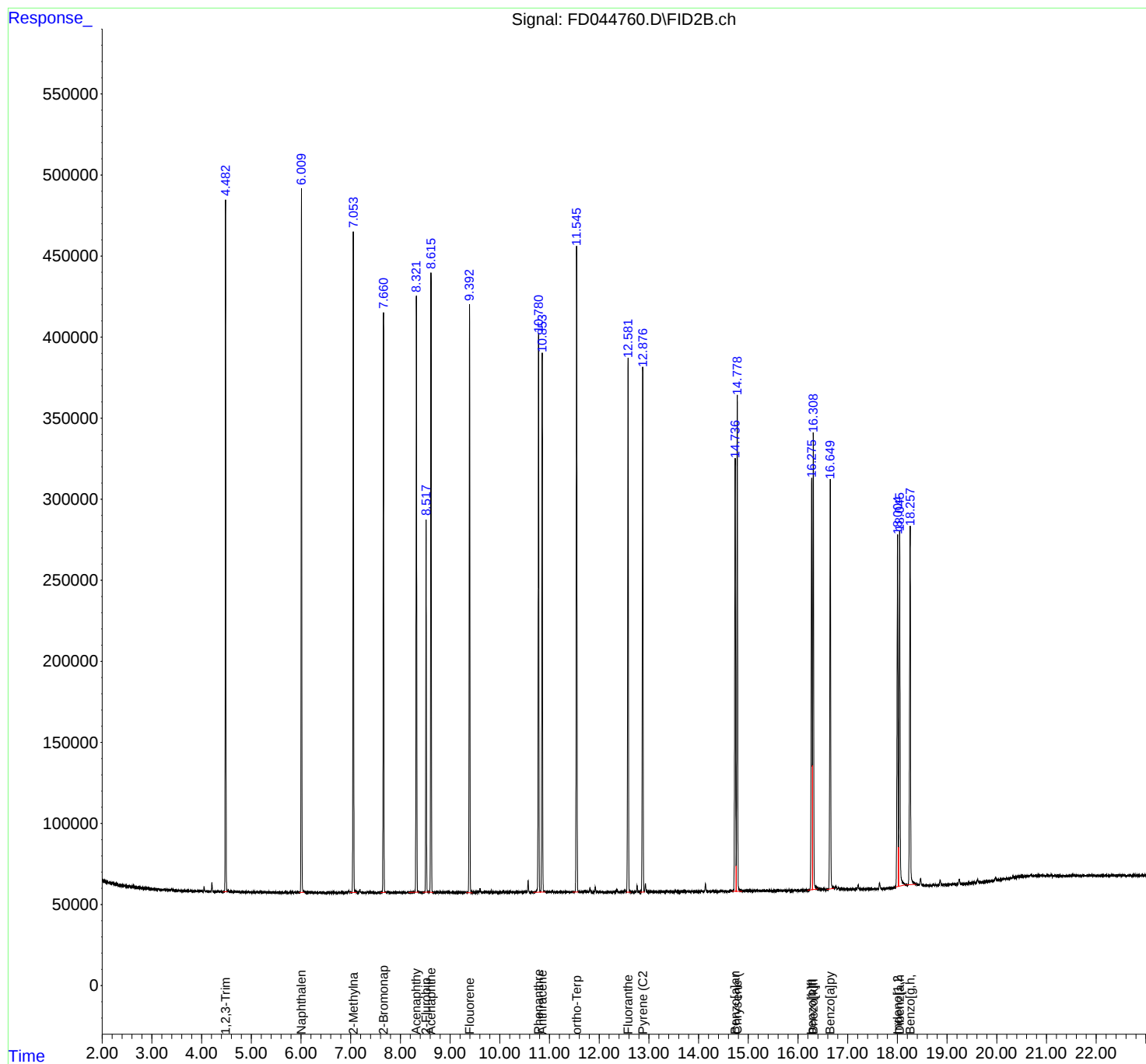
(f)=RT Delta > 1/2 Window

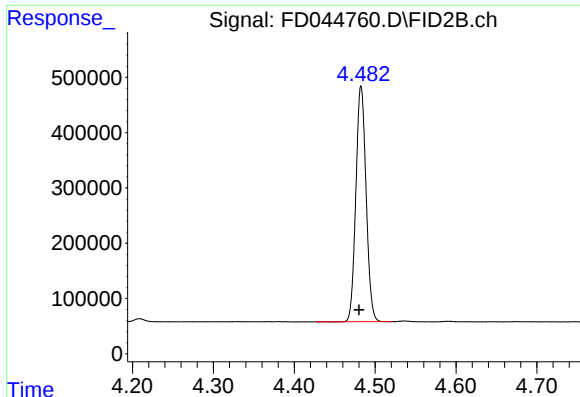
(m)=manual int.

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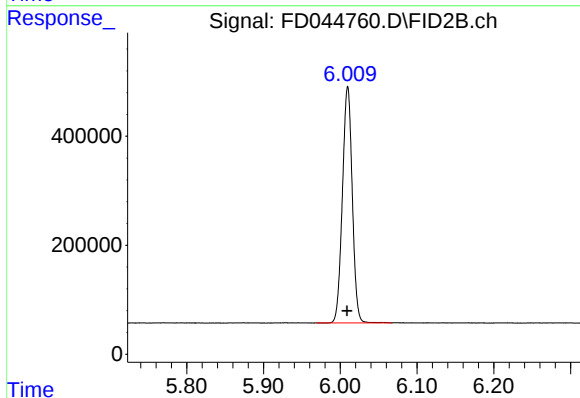
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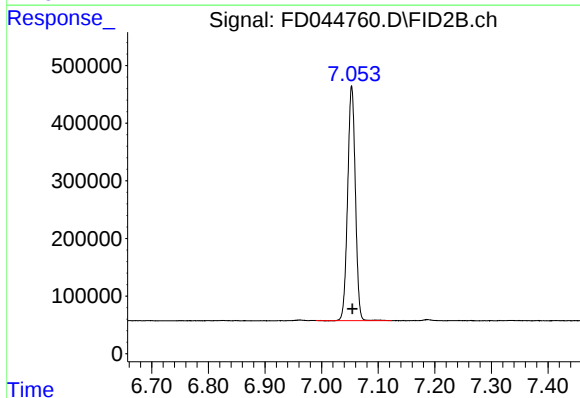
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 3743408
Conc: 23.27 ug/ml



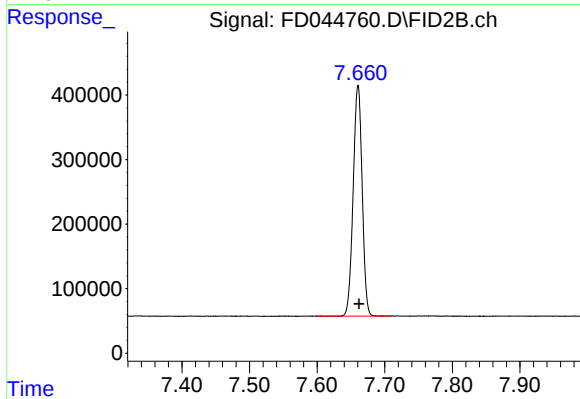
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 3869495
Conc: 23.05 ug/ml



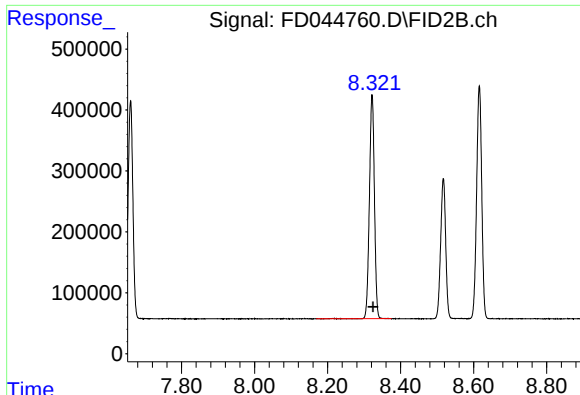
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: -0.001 min
Response: 3861317
Conc: 22.97 ug/ml



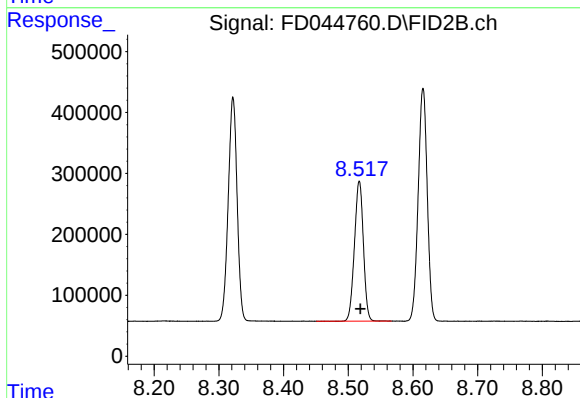
#4 2-Bromonaphthalene (SURR)

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 3309856
Conc: 22.95 ug/ml



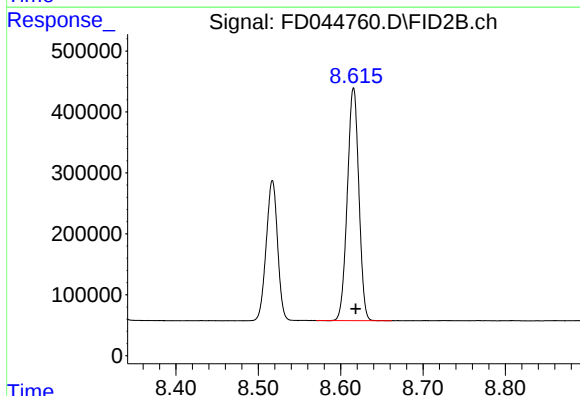
#5 Acenaphthylene (C15.06)

R.T.: 8.322 min
Delta R.T.: -0.002 min
Response: 3507211
Conc: 23.12 ug/ml



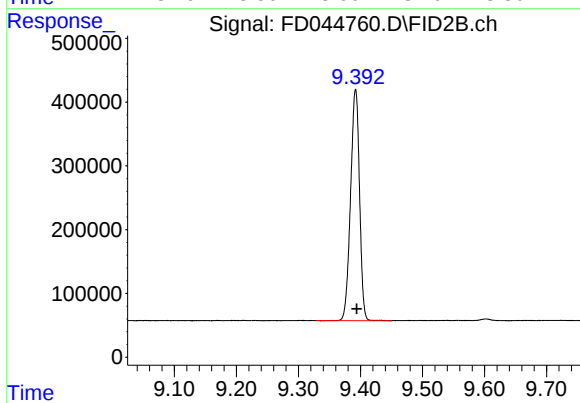
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.517 min
Delta R.T.: -0.002 min
Response: 2201802
Conc: 22.68 ug/ml



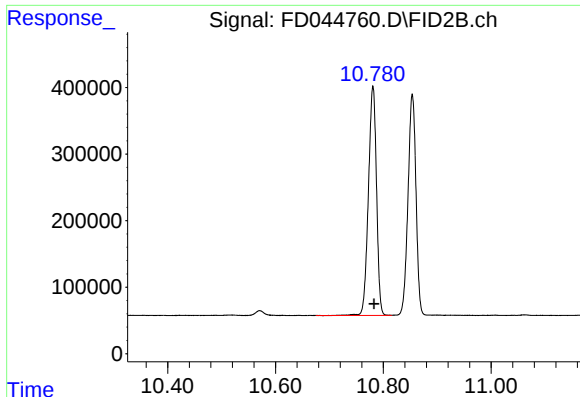
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 3712864
Conc: 22.90 ug/ml



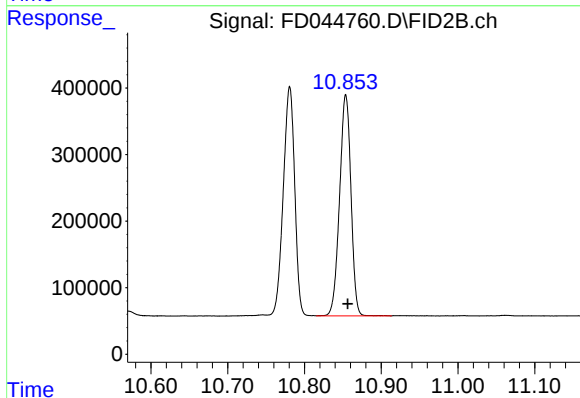
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.002 min
Response: 3635764
Conc: 22.81 ug/ml



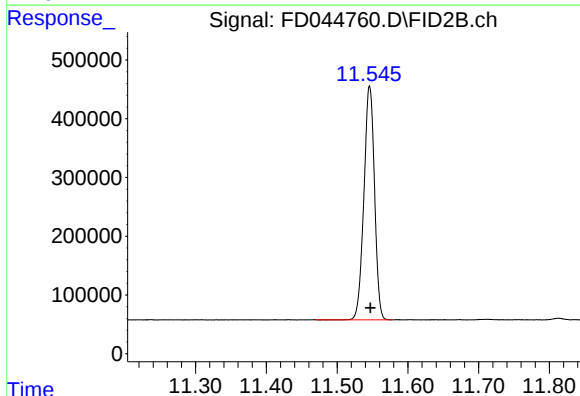
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: -0.002 min
Response: 3585127
Conc: 22.84 ug/ml



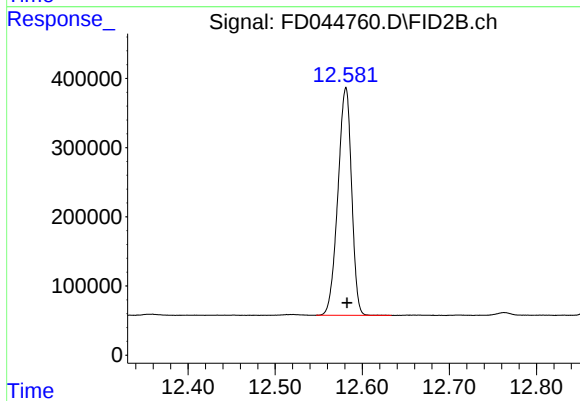
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 3418082
Conc: 27.18 ug/ml



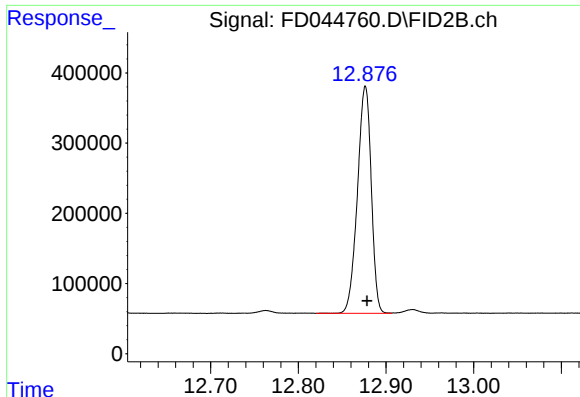
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: 0.000 min
Response: 4140817
Conc: 22.98 ug/ml



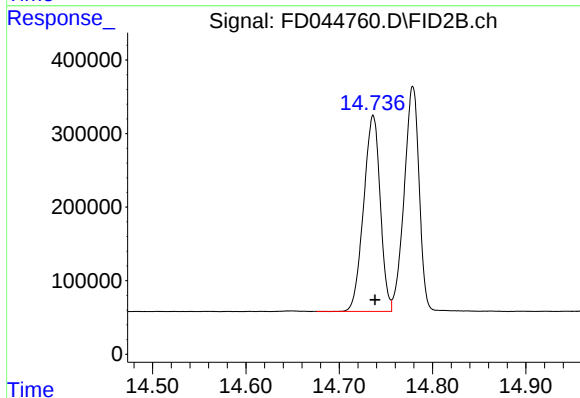
#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3591699
Conc: 22.87 ug/ml



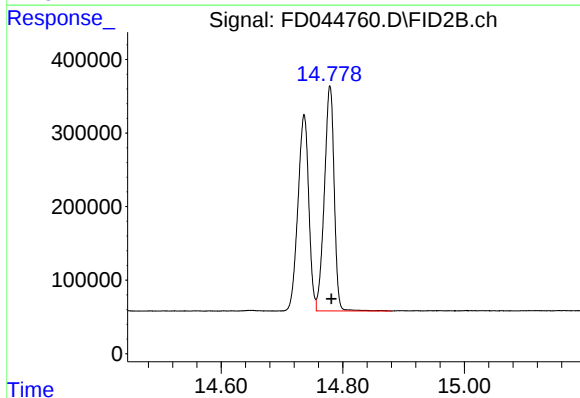
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 3537279
Conc: 23.11 ug/ml



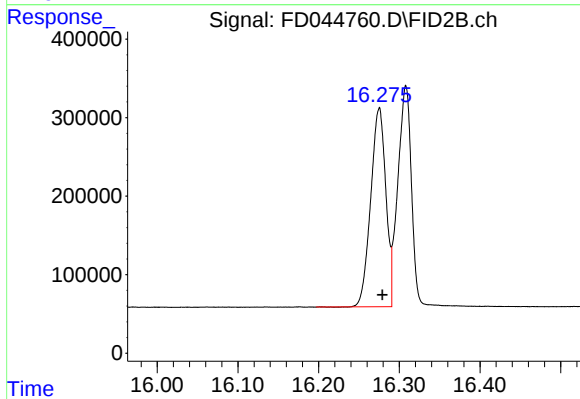
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.002 min
Response: 3296821
Conc: 23.19 ug/ml



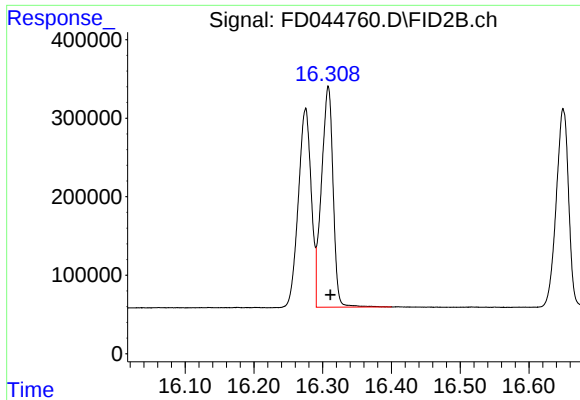
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.002 min
Response: 3439939
Conc: 22.69 ug/ml



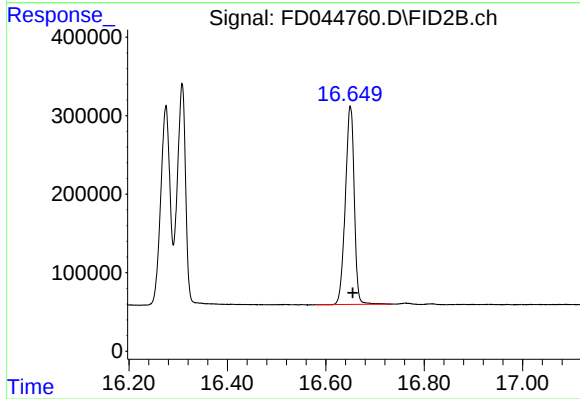
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 3294521
Conc: 21.91 ug/ml



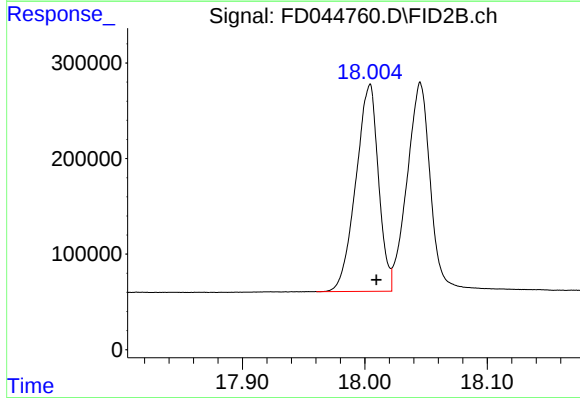
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 3309986
Conc: 21.85 ug/ml



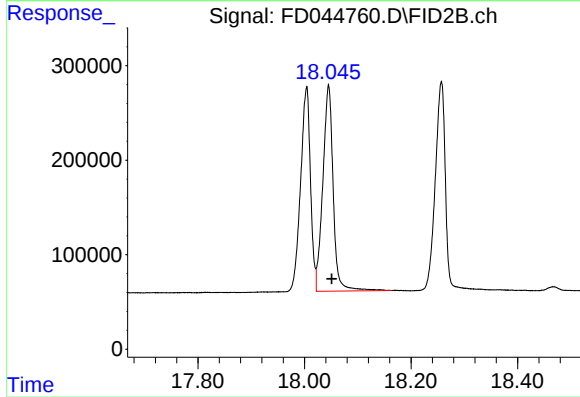
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 3173382
Conc: 21.87 ug/ml



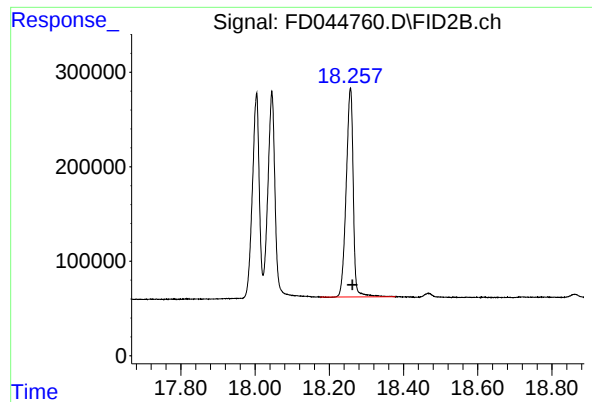
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.003 min
Delta R.T.: -0.006 min
Response: 2775648
Conc: 19.63 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.006 min
Response: 2946236
Conc: 20.10 ug/ml



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

R.T.: 18.257 min
Delta R.T.: -0.005 min
Response: 2921306
Conc: 20.56 ug/ml