

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047379.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 12:26
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 13:13:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:12:55 2024
 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...	7.461	879106	5.323 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
6) S 2-Fluorobiphenyl (SURR)	8.315	537056	5.047 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.09%
11) S ortho-Terphenyl (SURR)	11.348	1006609	5.394 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	971050	5.464 ug/ml
2) T Naphthalene (C11.7)	5.803	972693	5.334 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	971095	5.325 ug/ml
5) T Acenaphthylene (C15.06)	8.116	890593	5.342 ug/ml
7) T Acenaphthene (C15.5)	8.410	945052	5.364 ug/ml
8) T Fluorene (C16.55)	9.190	877858	5.211 ug/ml
9) T Phenanthrene (C19.36)	10.577	835887	5.161 ug/ml
10) T Anthracene (C19.43)	10.653	734434	4.990 ug/ml
12) T Fluoranthene (C21.85)	12.379	835512	5.241 ug/ml
13) T Pyrene (C20.8)	12.672	813055	5.255 ug/ml
14) T Benzo[a]anthracene (C...	14.537	678015	5.002 ug/ml
15) T Chrysene (C27.41)	14.577	812102	5.471 ug/ml
16) T benzo[b]fluoranthene ...	16.076	727172	5.180 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	772240	5.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	734922	5.320 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	584514	4.677 ug/ml
20) T Dibenz[a,h]anthracene...	17.856	715445	5.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.059	701336	5.220 ug/ml

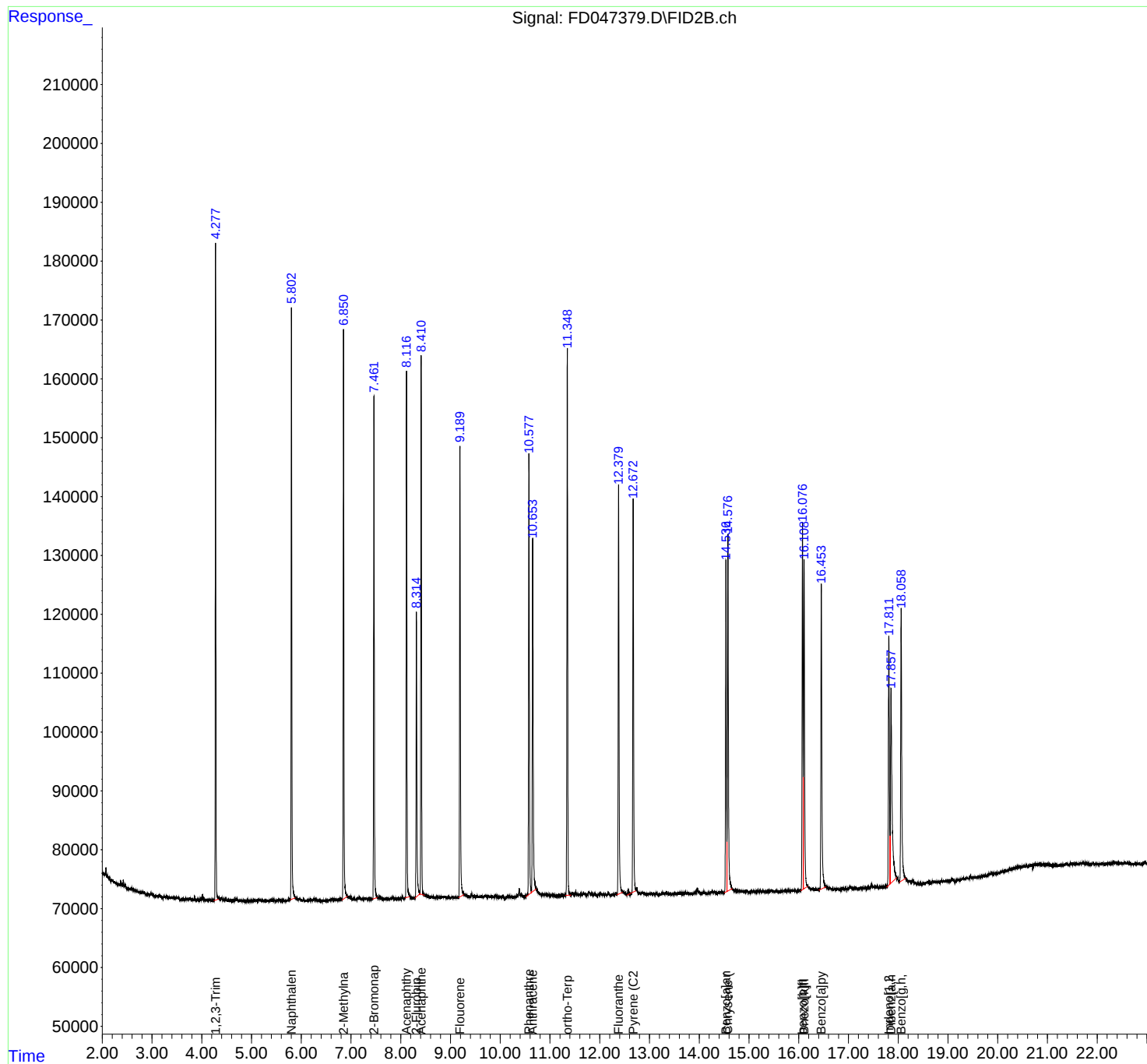
(f)=RT Delta > 1/2 Window

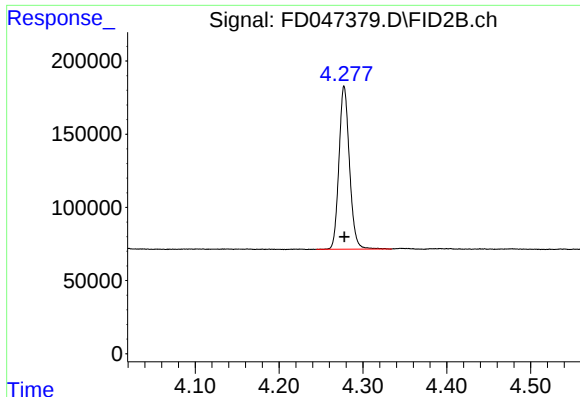
(m)=manual int.

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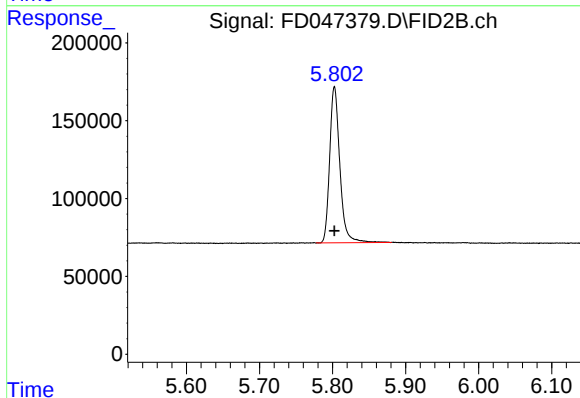
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





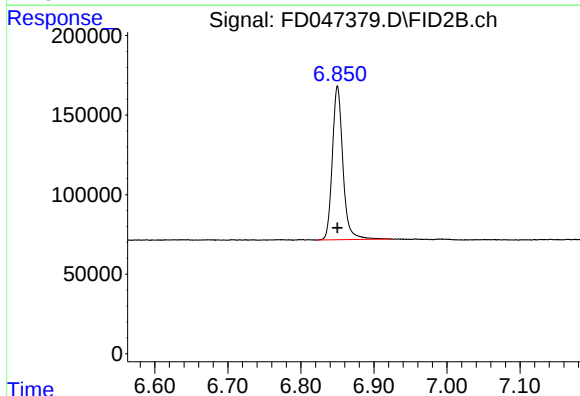
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 971050
Conc: 5.46 ug/ml



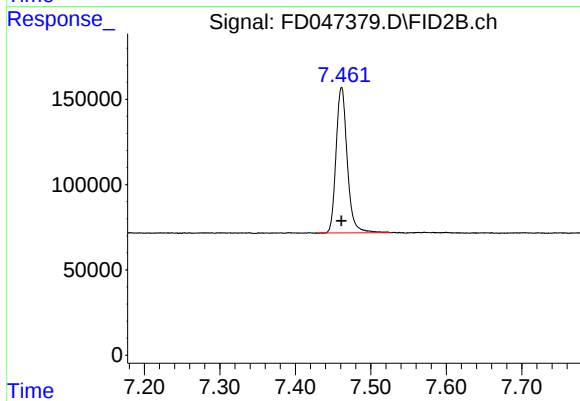
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 972693
Conc: 5.33 ug/ml



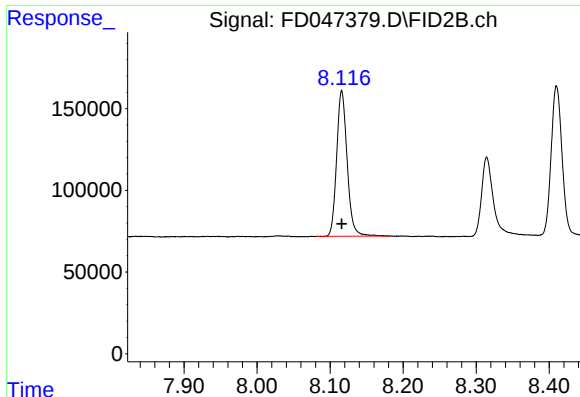
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 971095
Conc: 5.32 ug/ml



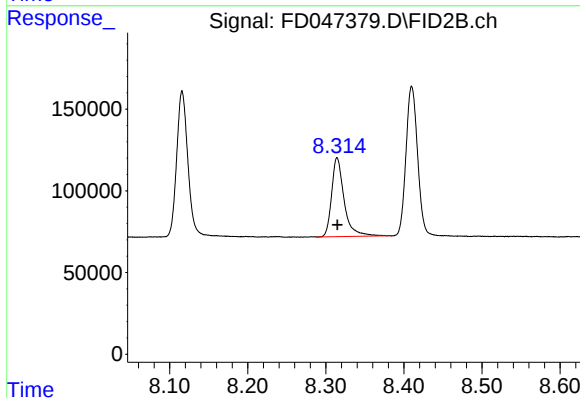
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 879106
Conc: 5.32 ug/ml



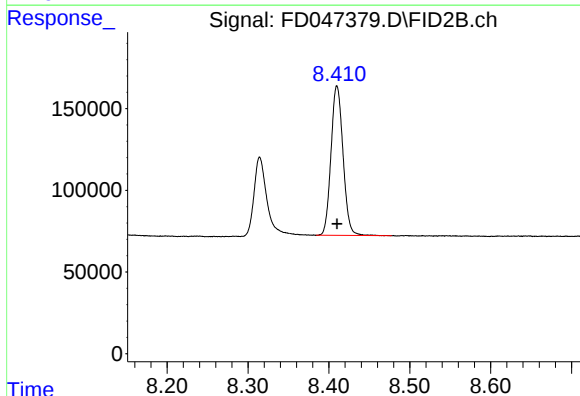
#5 Acenaphthylene (C15.06)

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 890593
Conc: 5.34 ug/ml



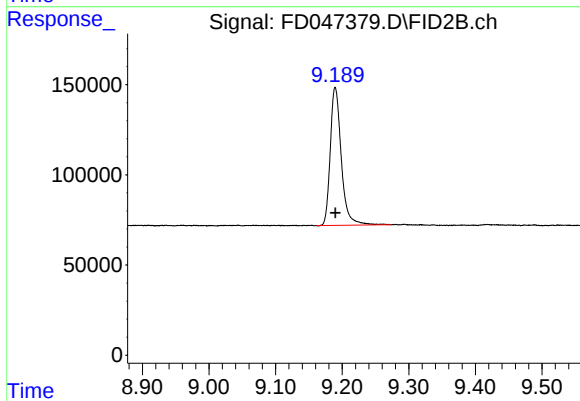
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 537056
Conc: 5.05 ug/ml



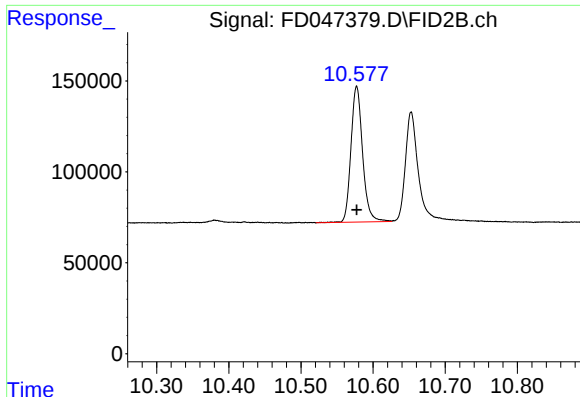
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 945052
Conc: 5.36 ug/ml



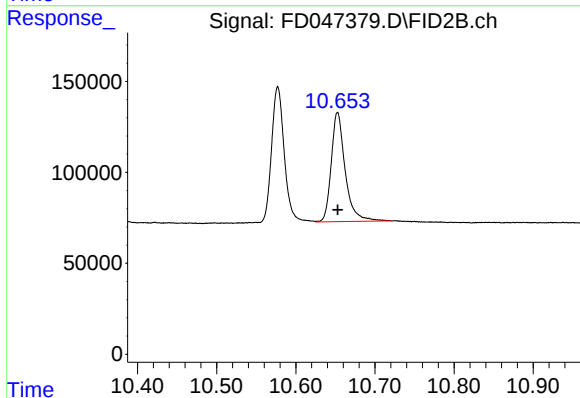
#8 Fluorene (C16.55)

R.T.: 9.190 min
Delta R.T.: 0.000 min
Response: 877858
Conc: 5.21 ug/ml



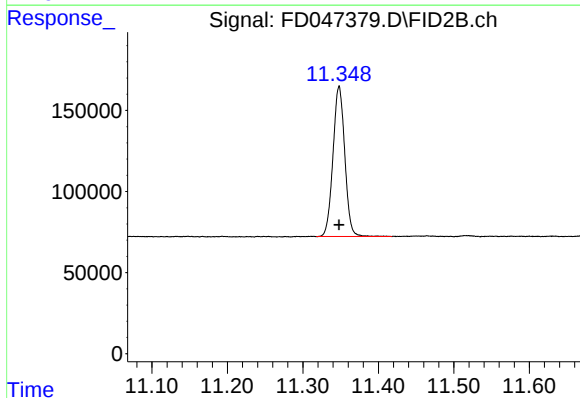
#9 Phenanthrene (C19.36)

R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 835887
Conc: 5.16 ug/ml



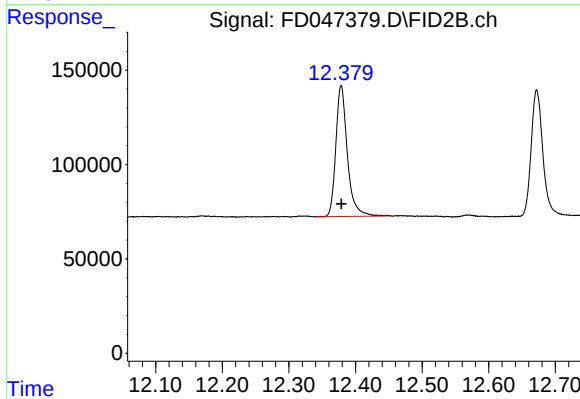
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 734434
Conc: 4.99 ug/ml



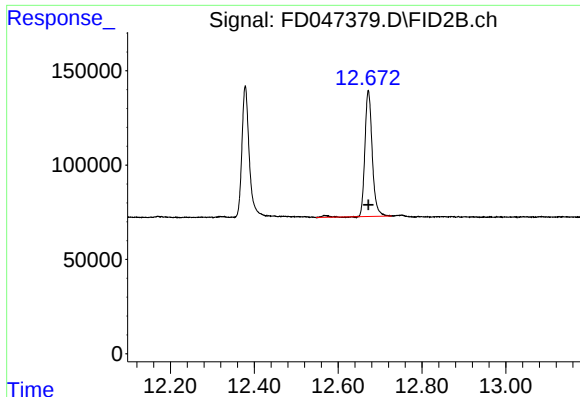
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 1006609
Conc: 5.39 ug/ml



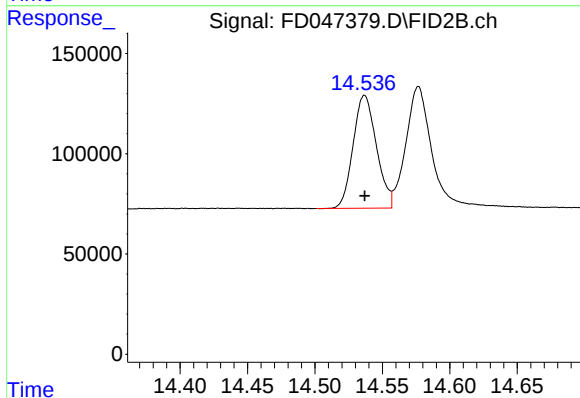
#12 Fluoranthene (C21.85)

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 835512
Conc: 5.24 ug/ml



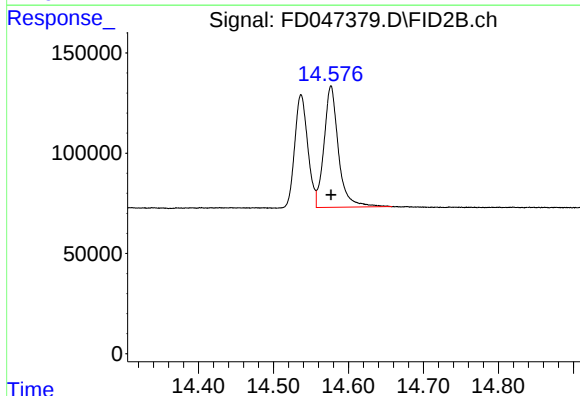
#13 Pyrene (C20.8)

R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 813055
Conc: 5.26 ug/ml



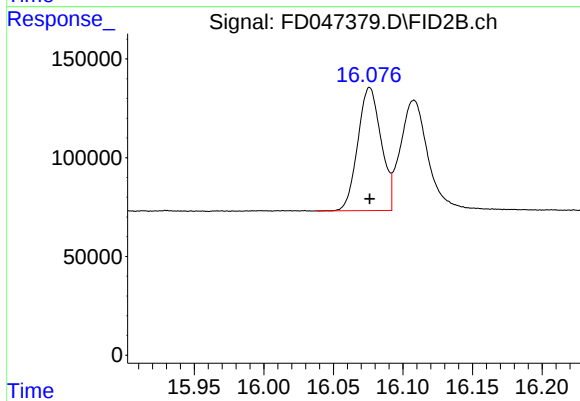
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min
Delta R.T.: 0.000 min
Response: 678015
Conc: 5.00 ug/ml



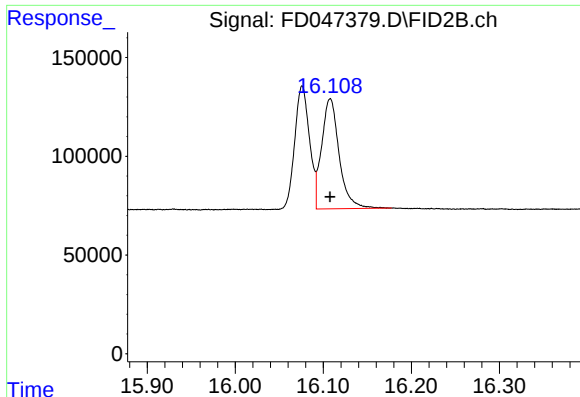
#15 Chrysene (C27.41)

R.T.: 14.577 min
Delta R.T.: 0.000 min
Response: 812102
Conc: 5.47 ug/ml



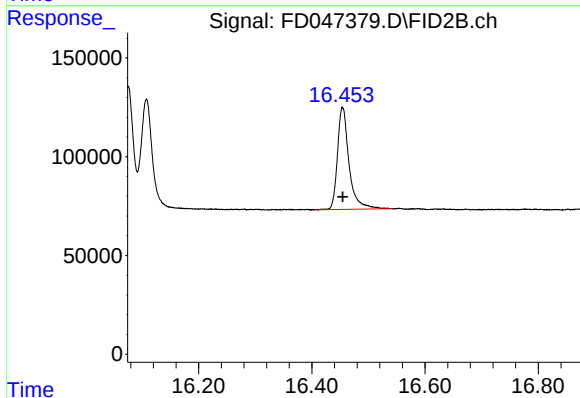
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: 0.000 min
Response: 727172
Conc: 5.18 ug/ml



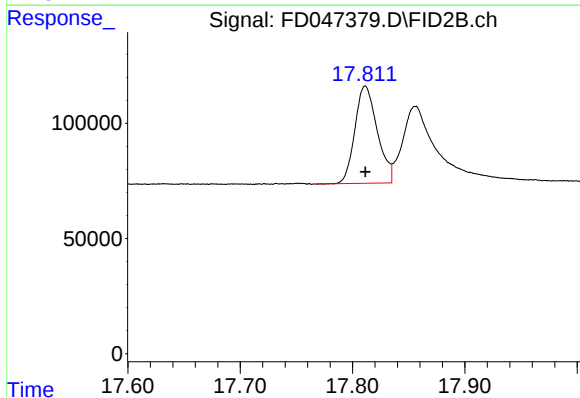
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 772240
Conc: 5.45 ug/ml



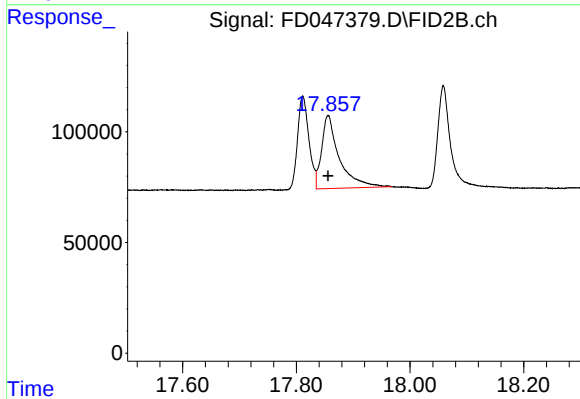
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: 0.000 min
Response: 734922
Conc: 5.32 ug/ml



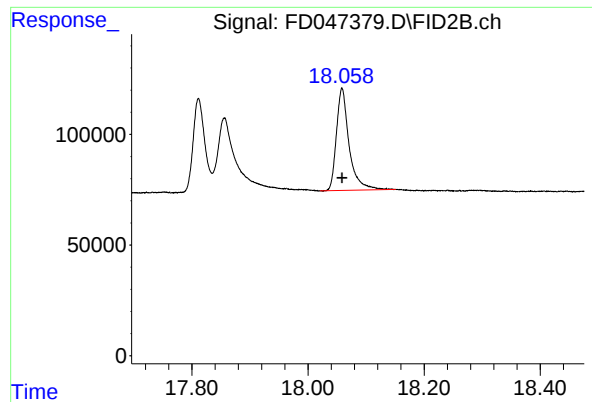
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.000 min
Response: 584514
Conc: 4.68 ug/ml



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

R.T.: 17.856 min
Delta R.T.: 0.000 min
Response: 715445
Conc: 5.43 ug/ml



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

R.T.: 18.059 min
Delta R.T.: 0.000 min
Response: 701336
Conc: 5.22 ug/ml