

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047377.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 11:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 12:06:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 12:05:47 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	3316191	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.314	2154097	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.349	3721190	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	3549413	20.000 ug/ml
2) T Naphthalene (C11.7)	5.802	3660377	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	3654705	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3338048	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.411	3526506	20.000 ug/ml
8) T Flouorene (C16.55)	9.189	3382530	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.578	3197743	20.000 ug/ml
10) T Anthracene (C19.43)	10.651	2946166	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.380	3177189	20.000 ug/ml
13) T Pyrene (C20.8)	12.673	3082919	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.537	2720099	20.000 ug/ml
15) T Chrysene (C27.41)	14.578	2917541	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2791215	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.109	2803249	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	2747697	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	2503018	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.851	2555449	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.061	2675866	20.000 ug/ml

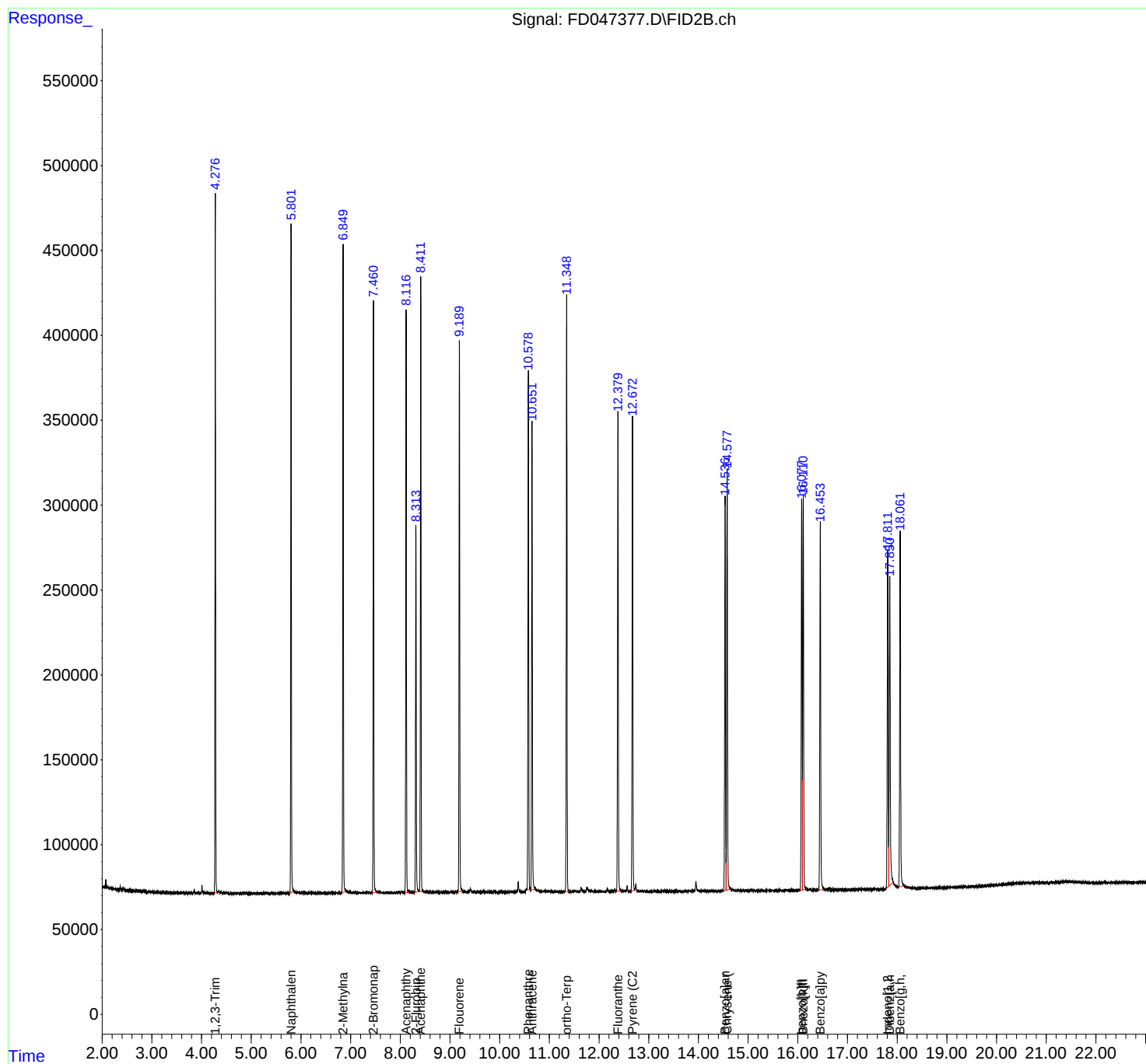
(f)=RT Delta > 1/2 Window

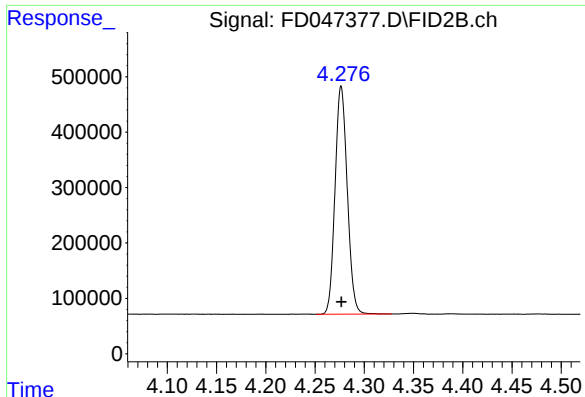
(m)=manual int.

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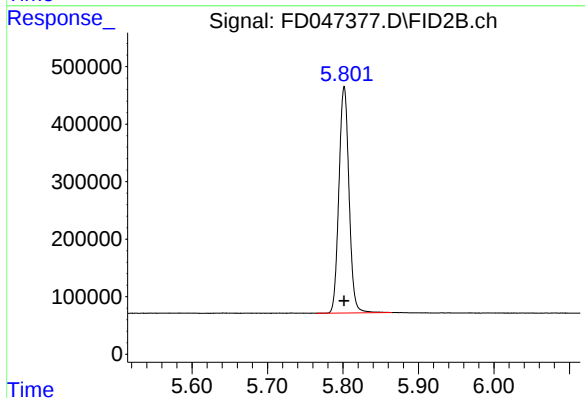
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





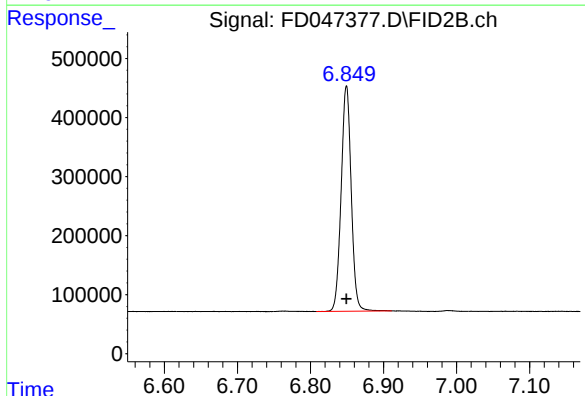
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 3549413
Conc: 20.00 ug/ml



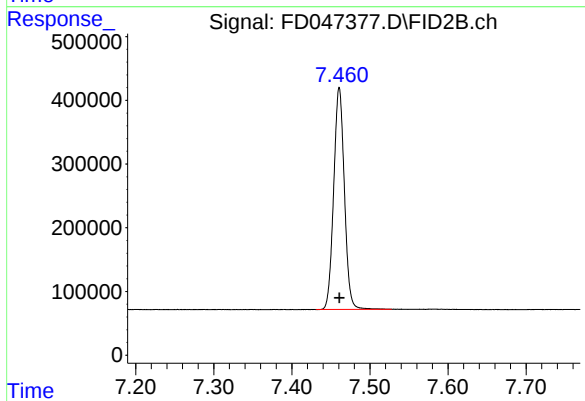
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 3660377
Conc: 20.00 ug/ml



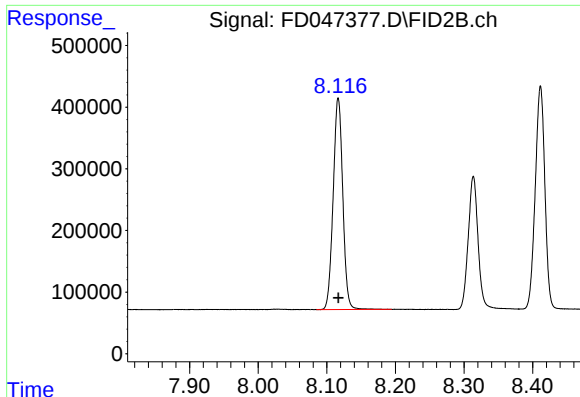
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 3654705
Conc: 20.00 ug/ml



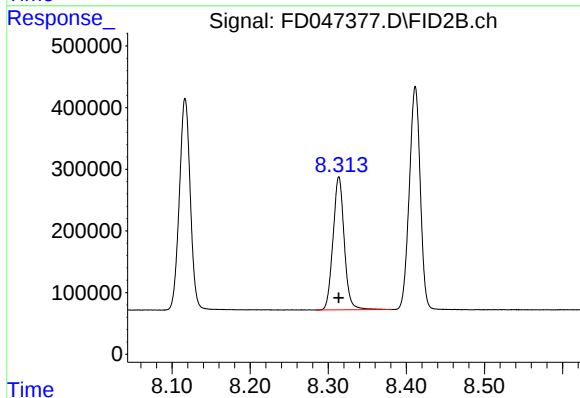
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 3316191
Conc: 20.00 ug/ml



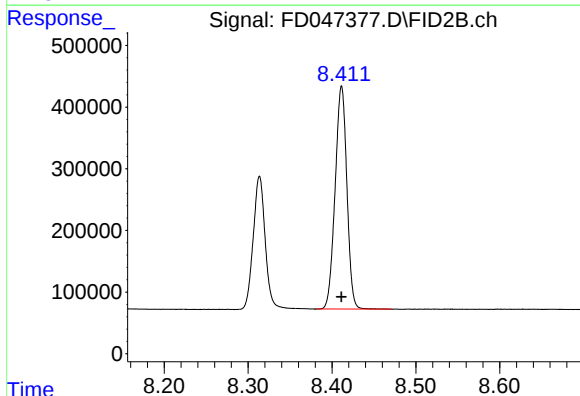
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 3338048
Conc: 20.00 ug/ml



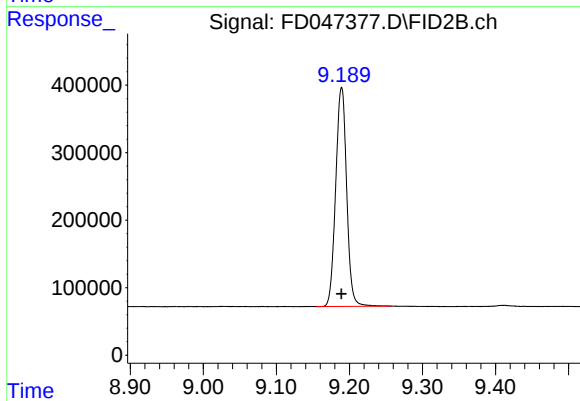
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2154097
Conc: 20.00 ug/ml



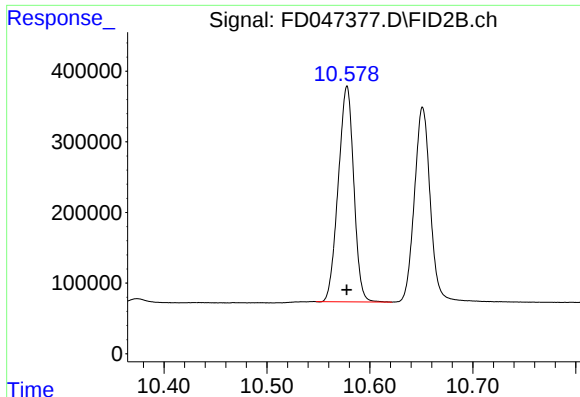
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 3526506
Conc: 20.00 ug/ml



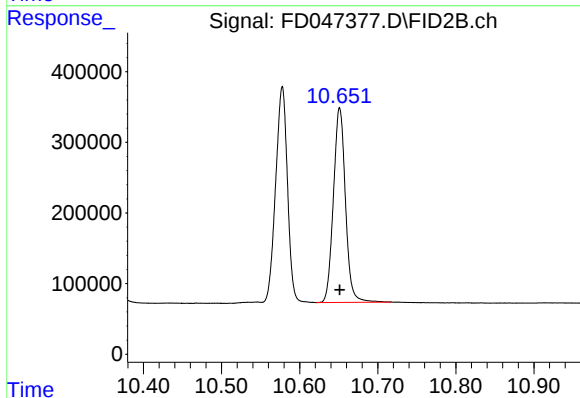
#8 Flouorene (C16.55)

R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3382530
Conc: 20.00 ug/ml



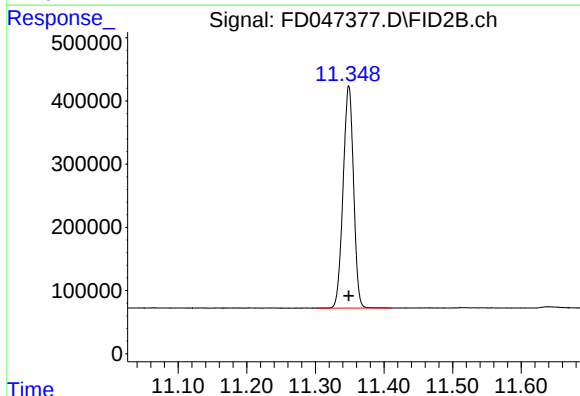
#9 Phenanthrene (C19.36)

R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 3197743
Conc: 20.00 ug/ml



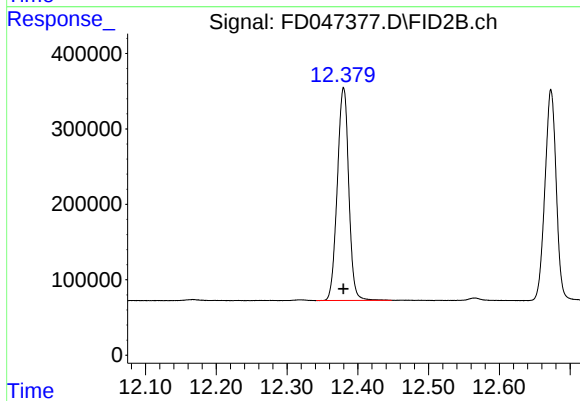
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: 0.000 min
Response: 2946166
Conc: 20.00 ug/ml



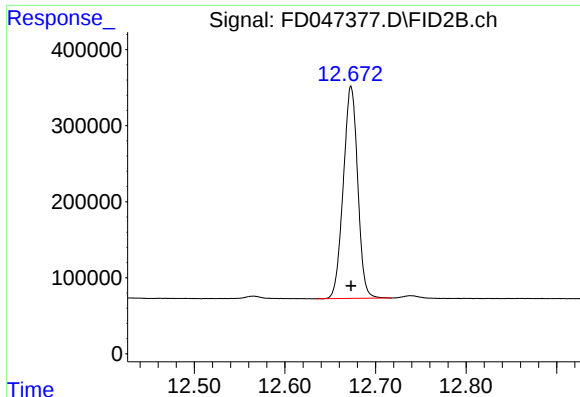
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 3721190
Conc: 20.00 ug/ml



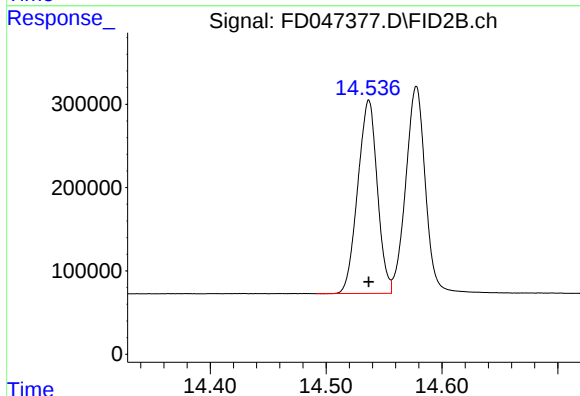
#12 Fluoranthene (C21.85)

R.T.: 12.380 min
Delta R.T.: 0.000 min
Response: 3177189
Conc: 20.00 ug/ml



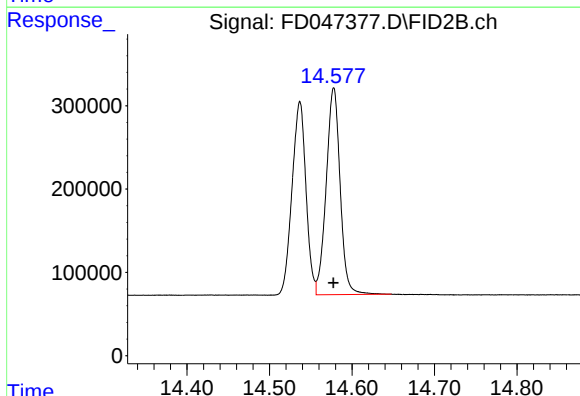
#13 Pyrene (C20.8)

R.T.: 12.673 min
Delta R.T.: 0.000 min
Response: 3082919
Conc: 20.00 ug/ml



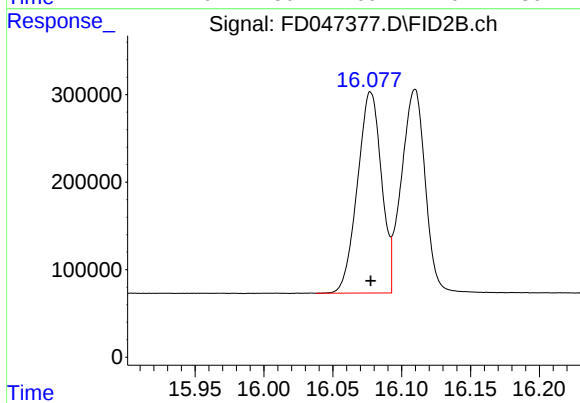
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min
Delta R.T.: 0.000 min
Response: 2720099
Conc: 20.00 ug/ml



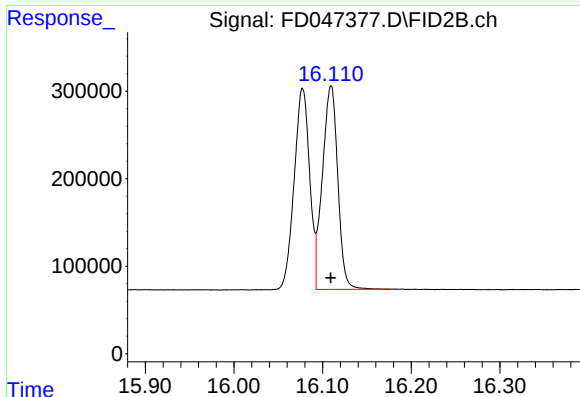
#15 Chrysene (C27.41)

R.T.: 14.578 min
Delta R.T.: 0.000 min
Response: 2917541
Conc: 20.00 ug/ml



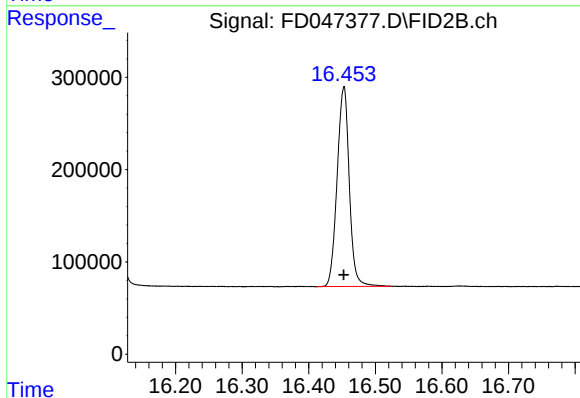
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.077 min
Delta R.T.: 0.000 min
Response: 2791215
Conc: 20.00 ug/ml



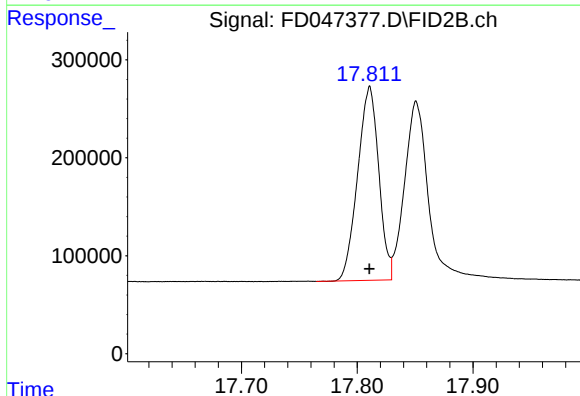
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 2803249
Conc: 20.00 ug/ml



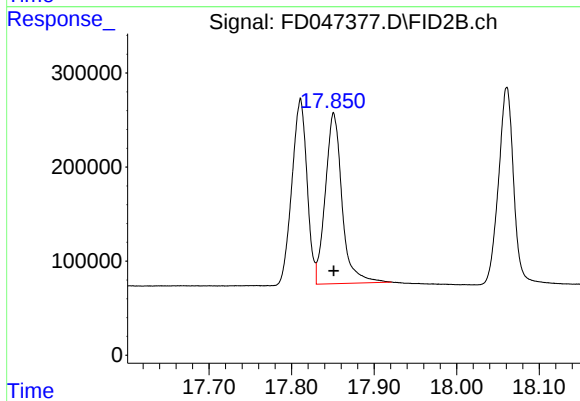
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: 0.000 min
Response: 2747697
Conc: 20.00 ug/ml



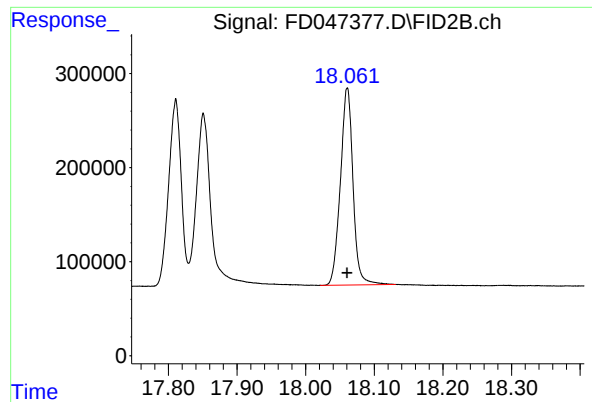
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: 0.000 min
Response: 2503018
Conc: 20.00 ug/ml



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

R.T.: 17.851 min
Delta R.T.: 0.000 min
Response: 2555449
Conc: 20.00 ug/ml



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

R.T.: 18.061 min
Delta R.T.: 0.000 min
Response: 2675866
Conc: 20.00 ug/ml