

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047079.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 14:23
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 15:02:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 15:02:27 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...	7.470	1727035	10.230 ug/ml
Spiked Amount 50.000		Recovery =	20.46%
6) S 2-Fluorobiphenyl (SURR)	8.323	1053416	9.875 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.75%
11) S ortho-Terphenyl (SURR)	11.358	2008790	10.293 ug/ml
Spiked Amount 50.000		Recovery =	20.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	1893002	10.428 ug/ml
2) T Naphthalene (C11.7)	5.811	1922795	10.319 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	1903956	10.219 ug/ml
5) T Acenaphthylene (C15.06)	8.125	1740033	10.228 ug/ml
7) T Acenaphthene (C15.5)	8.419	1866293	10.274 ug/ml
8) T Flouorene (C16.55)	9.199	1682418	9.926 ug/ml
9) T Phenanthrene (C19.36)	10.586	1589627	9.904 ug/ml
10) T Anthracene (C19.43)	10.660	1484004	9.942 ug/ml
12) T Fluoranthene (C21.85)	12.388	1538418	9.908 ug/ml
13) T Pyrene (C20.8)	12.682	1488609	9.896 ug/ml
14) T Benzo[a]anthracene (C...	14.545	1257565	9.888 ug/ml
15) T Chrysene (C27.41)	14.586	1461677	10.412 ug/ml
16) T benzo[b]fluoranthene ...	16.086	1335320	10.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	1416889	10.609 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	1336266	10.296 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	1112764	9.480 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	1426168	11.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	1357489	10.407 ug/ml

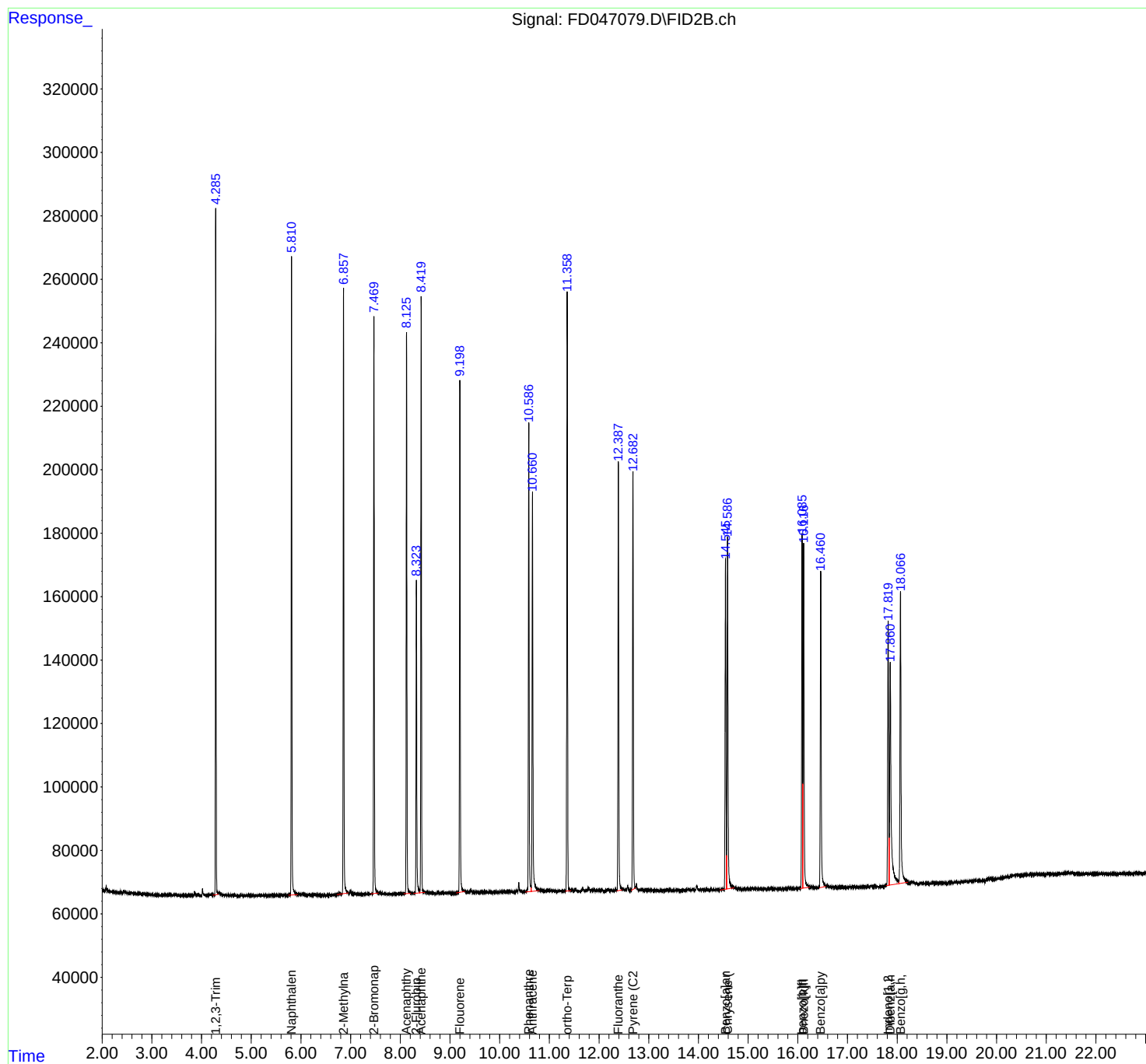
(f)=RT Delta > 1/2 Window

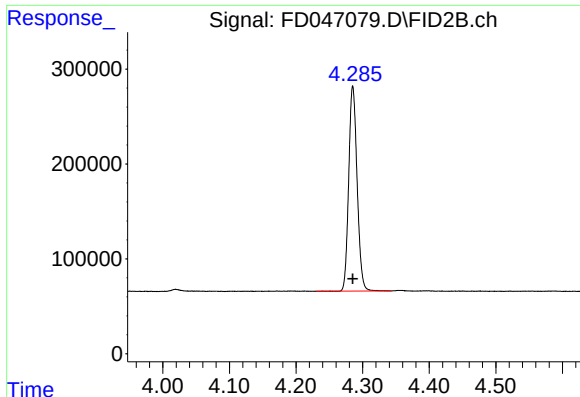
(m)=manual int.

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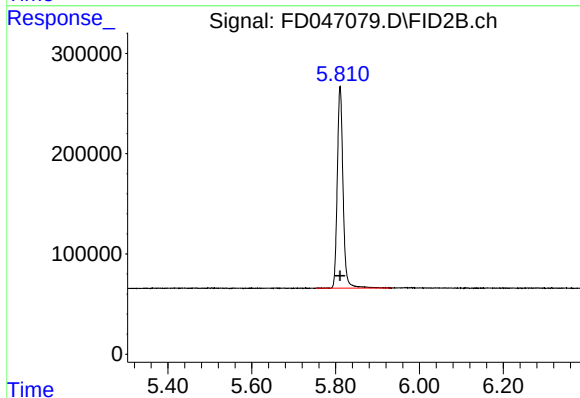
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Signal Info : 20M x 0.18mm x 0.18µm





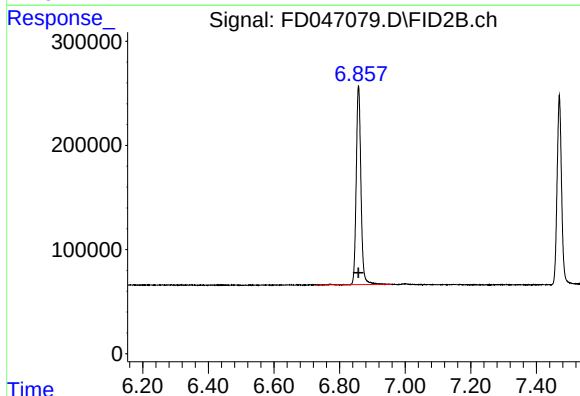
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 1893002
Conc: 10.43 ug/ml



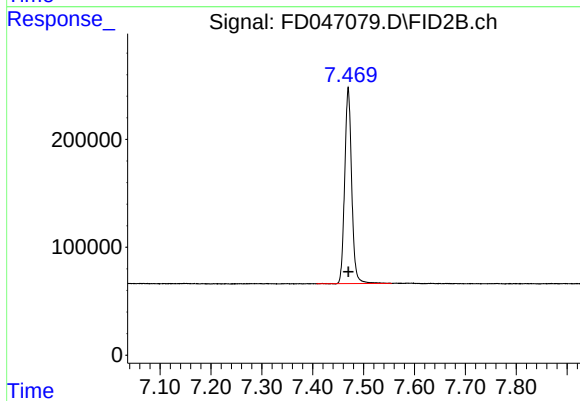
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1922795
Conc: 10.32 ug/ml



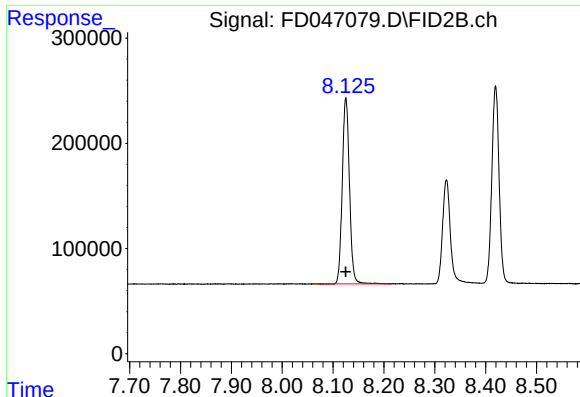
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 1903956
Conc: 10.22 ug/ml



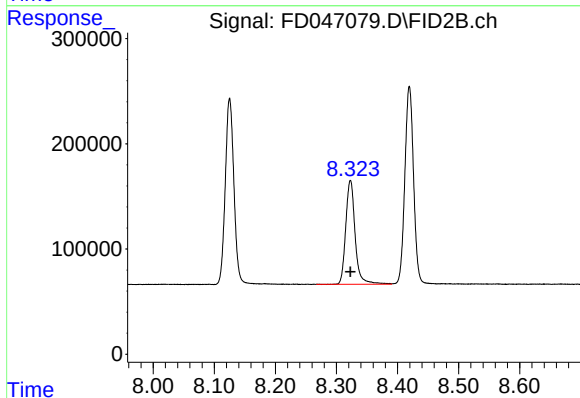
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 1727035
Conc: 10.23 ug/ml



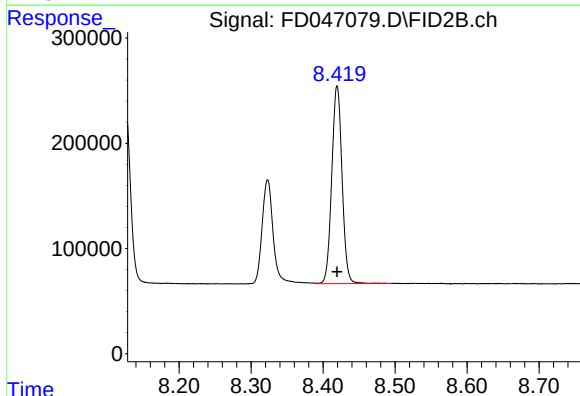
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 1740033
Conc: 10.23 ug/ml



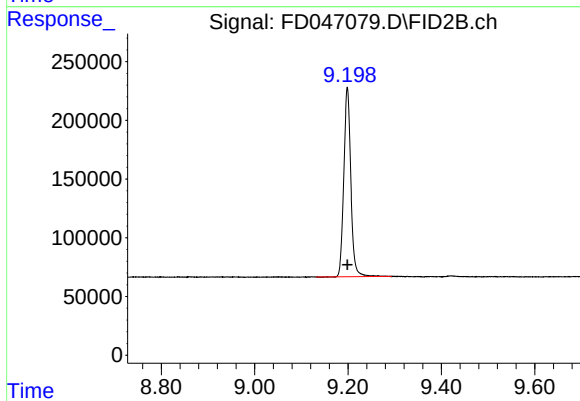
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 1053416
Conc: 9.88 ug/ml



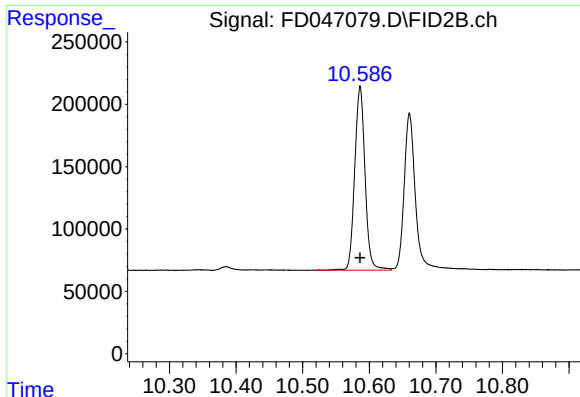
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 1866293
Conc: 10.27 ug/ml



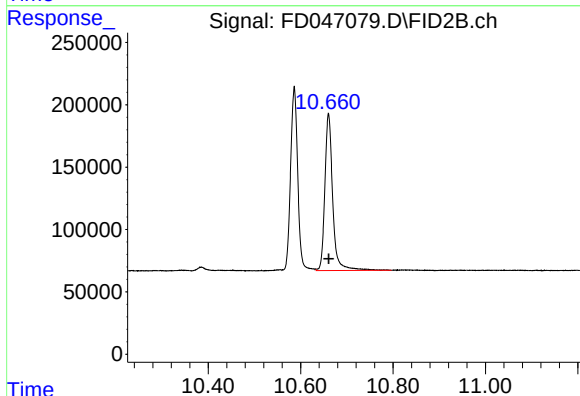
#8 Fluorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 1682418
Conc: 9.93 ug/ml



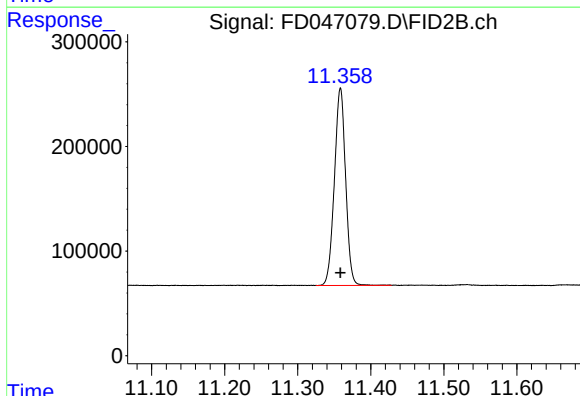
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 1589627
Conc: 9.90 ug/ml



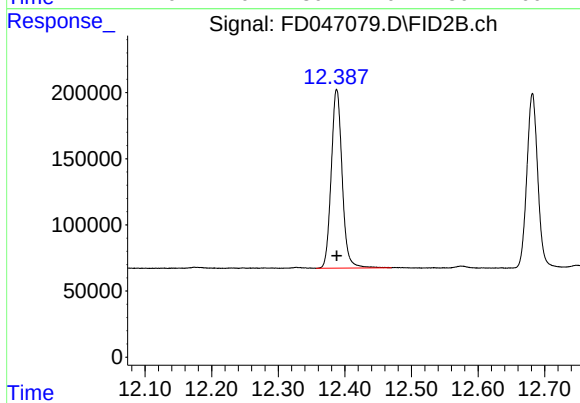
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.000 min
Response: 1484004
Conc: 9.94 ug/ml



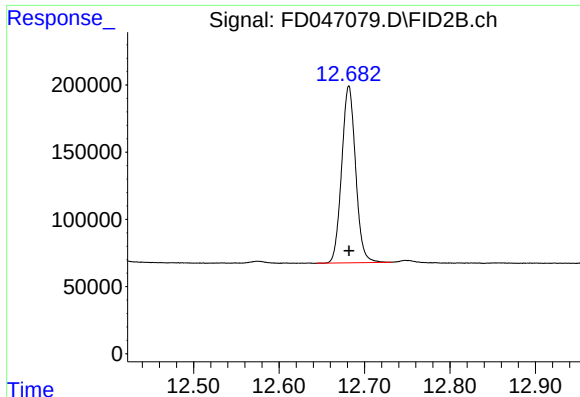
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2008790
Conc: 10.29 ug/ml



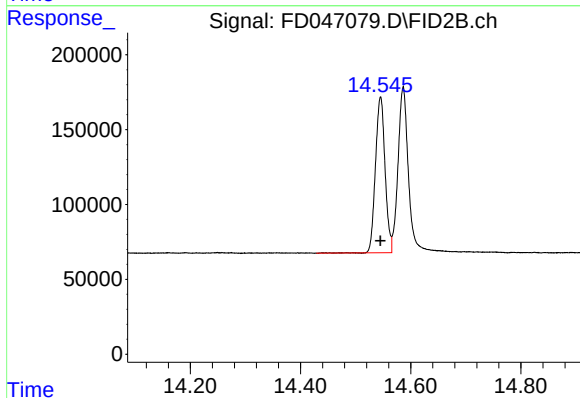
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 1538418
Conc: 9.91 ug/ml



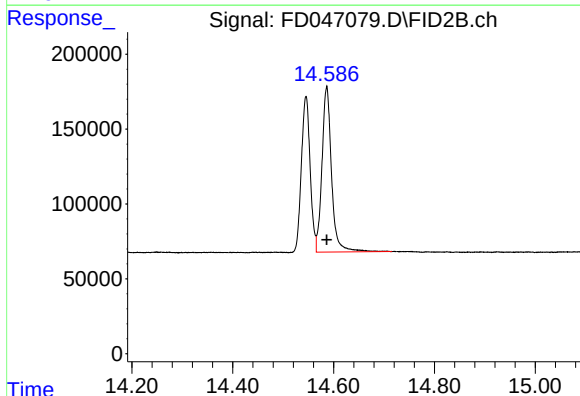
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 1488609
Conc: 9.90 ug/ml



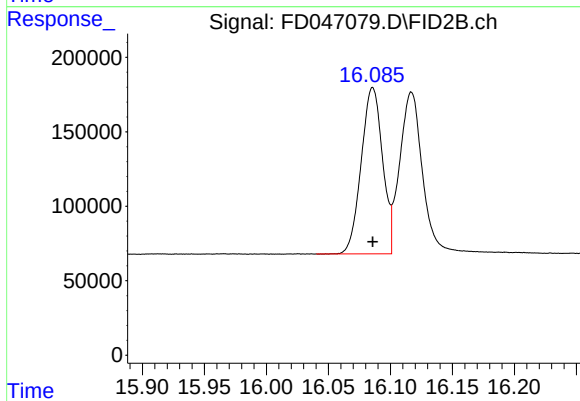
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 1257565
Conc: 9.89 ug/ml



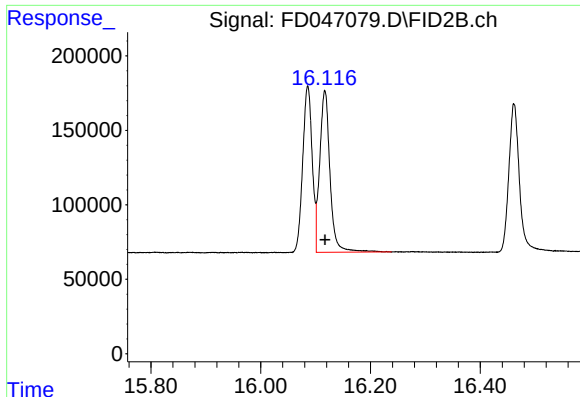
#15 Chrysene (C27.41)

R.T.: 14.586 min
Delta R.T.: 0.000 min
Response: 1461677
Conc: 10.41 ug/ml



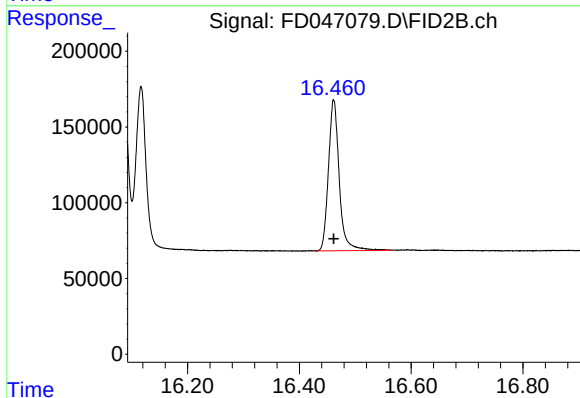
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 1335320
Conc: 10.12 ug/ml



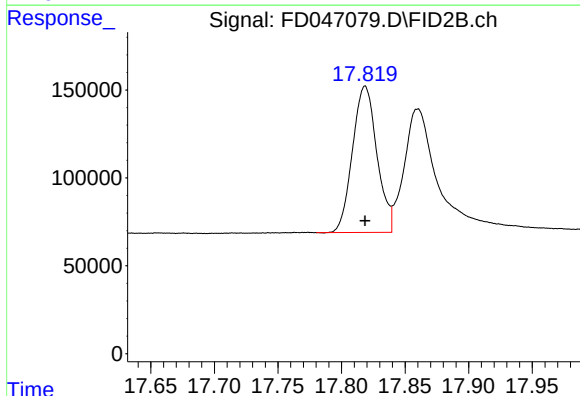
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 1416889
Conc: 10.61 ug/ml



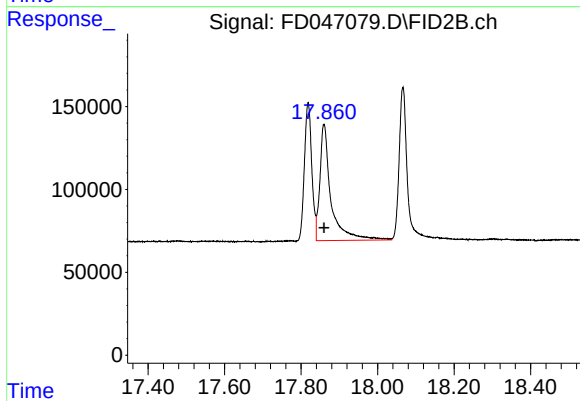
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.000 min
Response: 1336266
Conc: 10.30 ug/ml



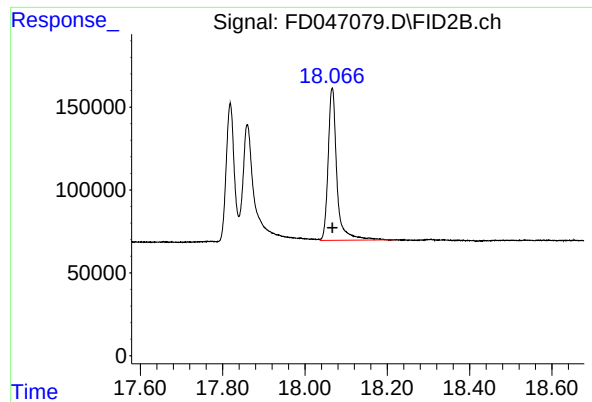
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.000 min
Response: 1112764
Conc: 9.48 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.000 min
Response: 1426168
Conc: 11.08 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 1357489
Conc: 10.41 ug/ml