

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030424AR\
 Data File : FD047378.D
 Signal(s) : FID2B.ch
 Acq On : 04 Mar 2024 11:48
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 12:28:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 12:28:21 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	1706171	10.500 ug/ml
Spiked Amount 50.000		Recovery =	21.00%
6) S 2-Fluorobiphenyl (SURR)	8.314	1086165	10.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.46%
11) S ortho-Terphenyl (SURR)	11.348	1934080	10.572 ug/ml
Spiked Amount 50.000		Recovery =	21.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	1842856	10.615 ug/ml
2) T Naphthalene (C11.7)	5.802	1882810	10.499 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	1879993	10.478 ug/ml
5) T Acenaphthylene (C15.06)	8.117	1734005	10.582 ug/ml
7) T Acenaphthene (C15.5)	8.410	1823692	10.543 ug/ml
8) T Flouorene (C16.55)	9.189	1729611	10.378 ug/ml
9) T Phenanthrene (C19.36)	10.576	1659658	10.331 ug/ml
10) T Anthracene (C19.43)	10.651	1517582	10.307 ug/ml
12) T Fluoranthene (C21.85)	12.378	1631070	10.356 ug/ml
13) T Pyrene (C20.8)	12.672	1588466	10.400 ug/ml
14) T Benzo[a]anthracene (C...	14.535	1375052	10.144 ug/ml
15) T Chrysene (C27.41)	14.576	1522650	10.505 ug/ml
16) T benzo[b]fluoranthene ...	16.076	1439172	10.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	1465741	10.590 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	1420058	10.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	1230062	9.685 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	1403558	10.874 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	1386633	10.435 ug/ml

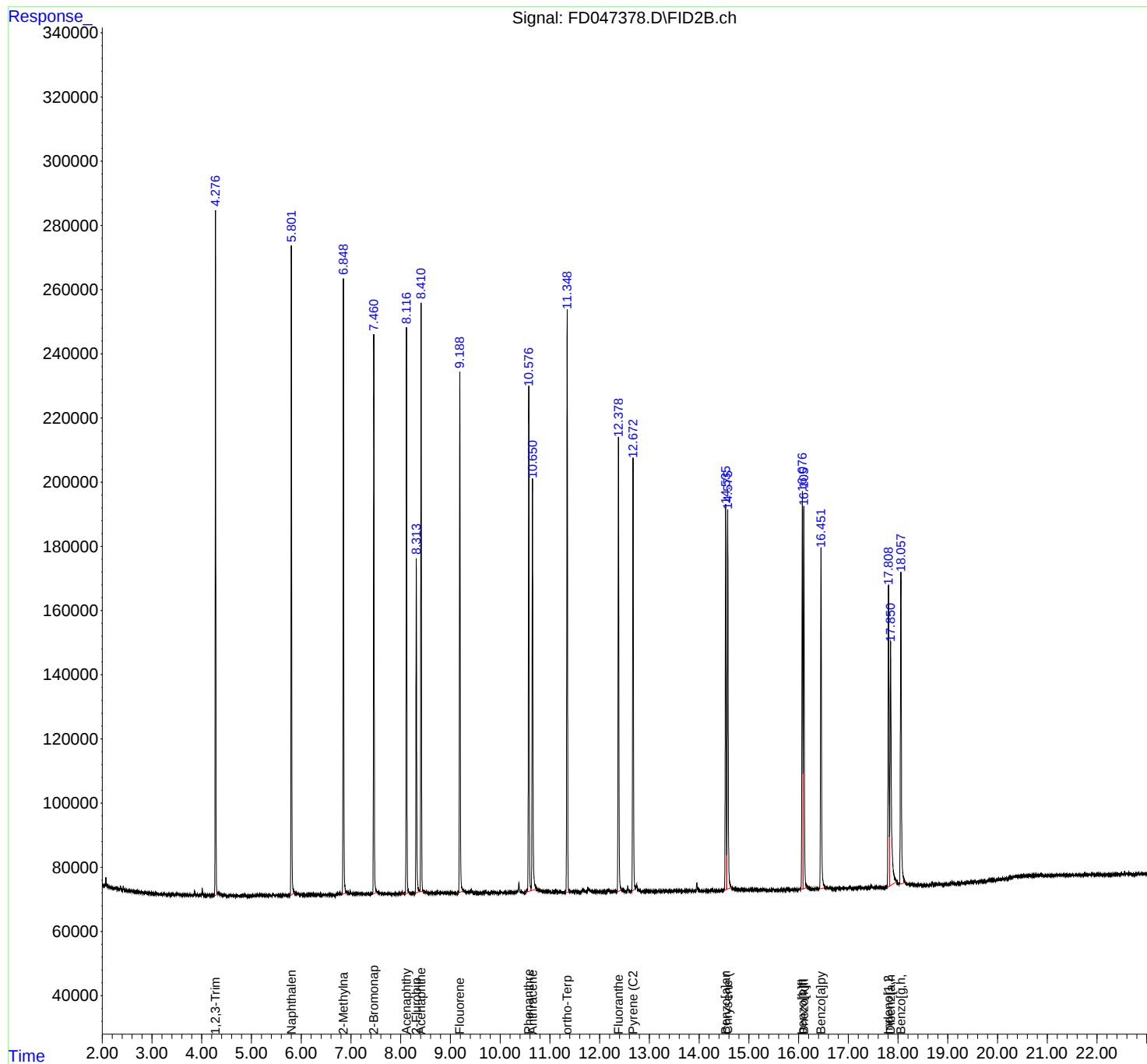
(f)=RT Delta > 1/2 Window

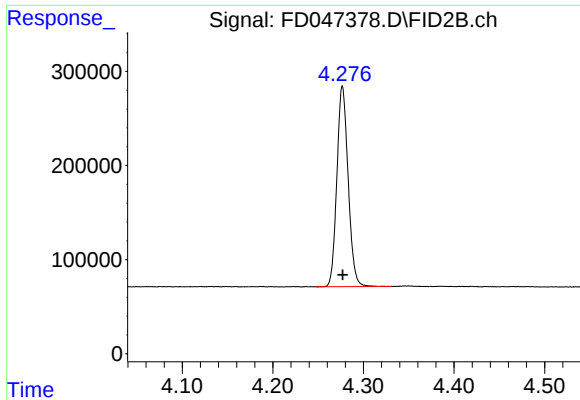
(m)=manual int.

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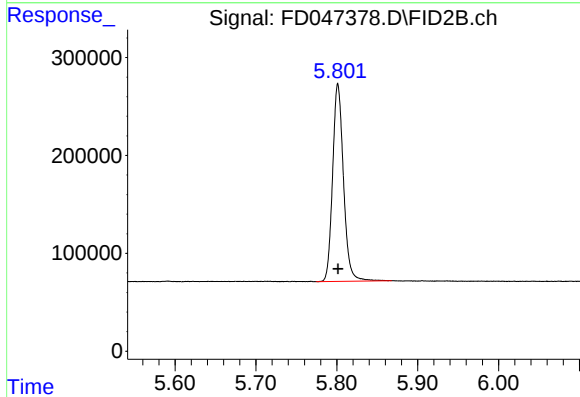
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





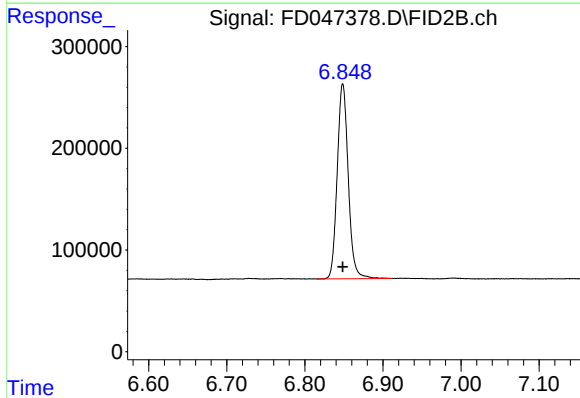
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 1842856
Conc: 10.62 ug/ml



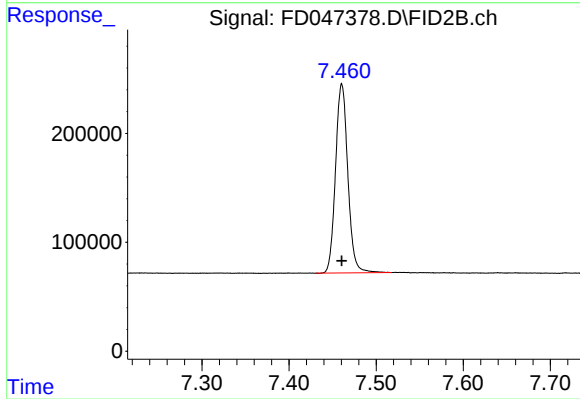
#2 Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 1882810
Conc: 10.50 ug/ml



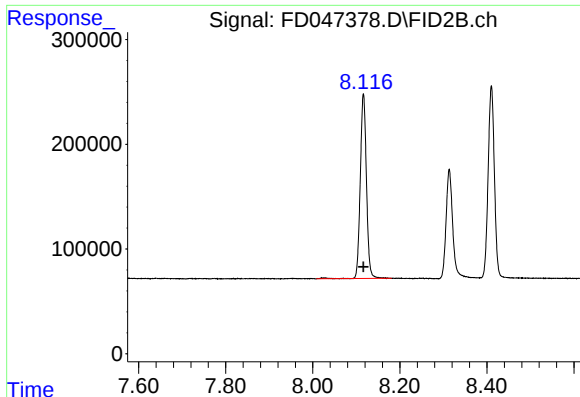
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 1879993
Conc: 10.48 ug/ml



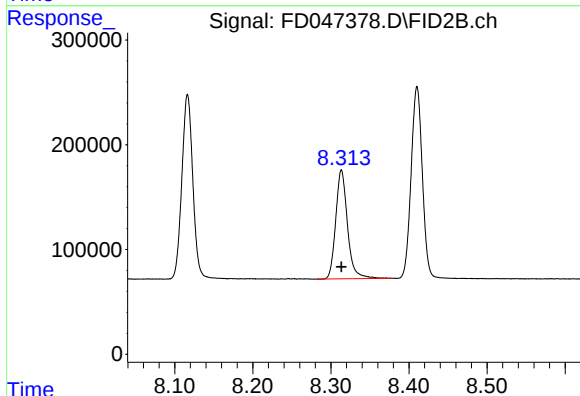
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 1706171
Conc: 10.50 ug/ml



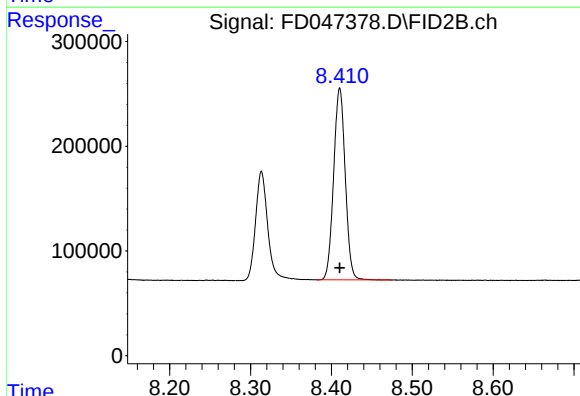
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 1734005
Conc: 10.58 ug/ml



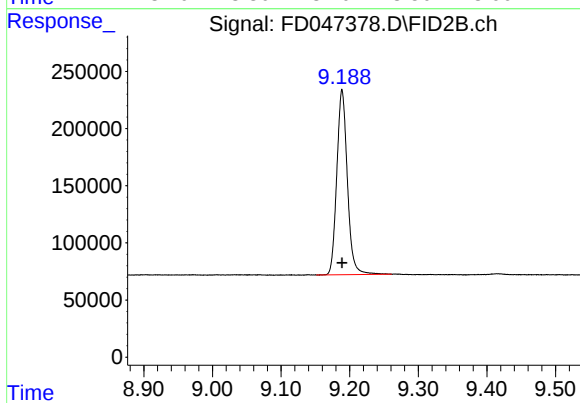
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 1086165
Conc: 10.23 ug/ml



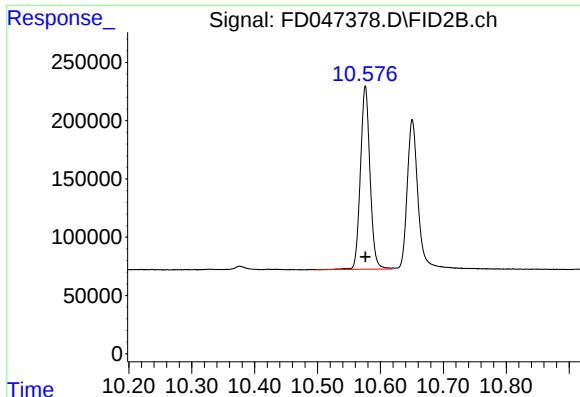
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.000 min
Response: 1823692
Conc: 10.54 ug/ml



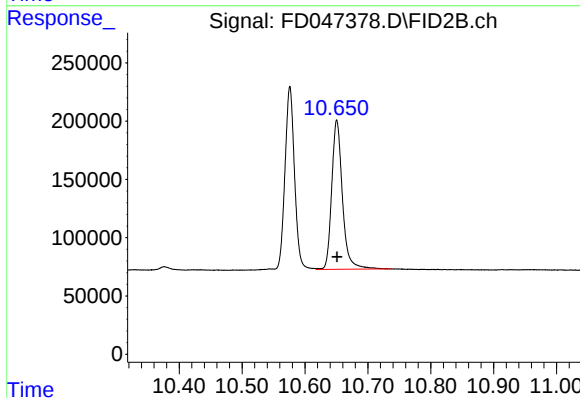
#8 Flouorene (C16.55)

R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 1729611
Conc: 10.38 ug/ml



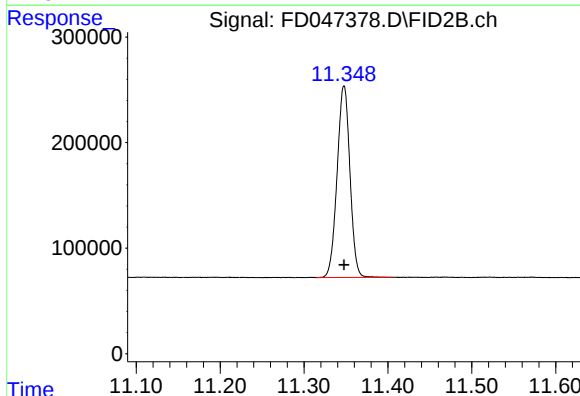
#9 Phenanthrene (C19.36)

R.T.: 10.576 min
Delta R.T.: 0.000 min
Response: 1659658
Conc: 10.33 ug/ml



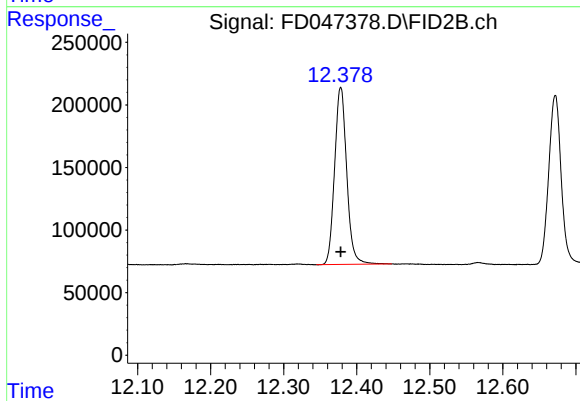
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: 0.000 min
Response: 1517582
Conc: 10.31 ug/ml



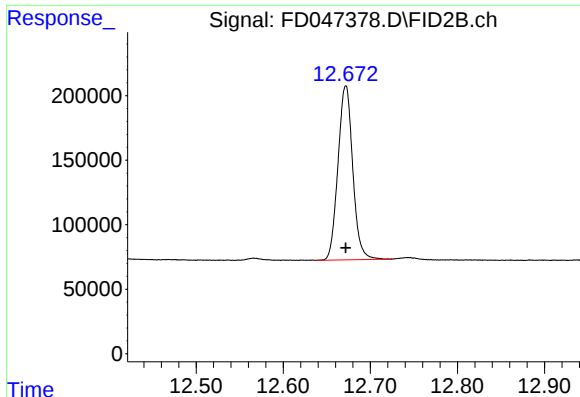
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min
Delta R.T.: 0.000 min
Response: 1934080
Conc: 10.57 ug/ml



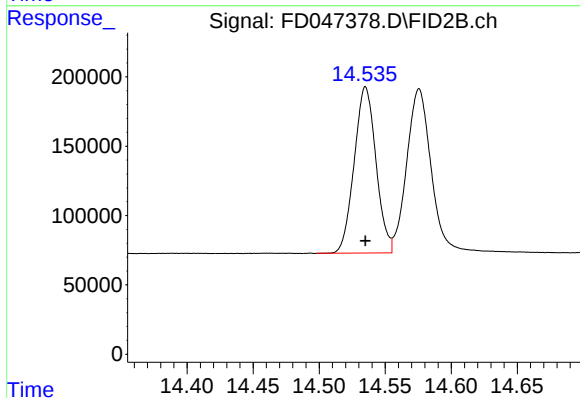
#12 Fluoranthene (C21.85)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 1631070
Conc: 10.36 ug/ml



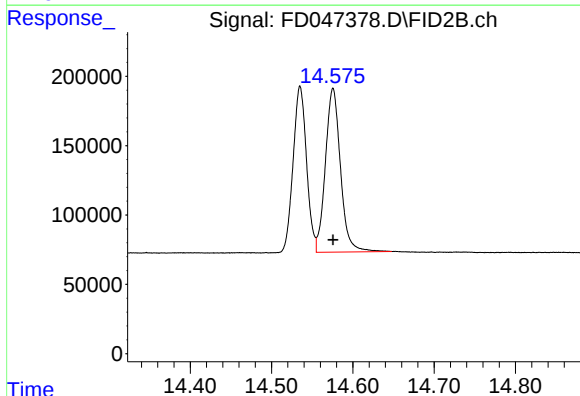
#13 Pyrene (C20.8)

R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 1588466
Conc: 10.40 ug/ml



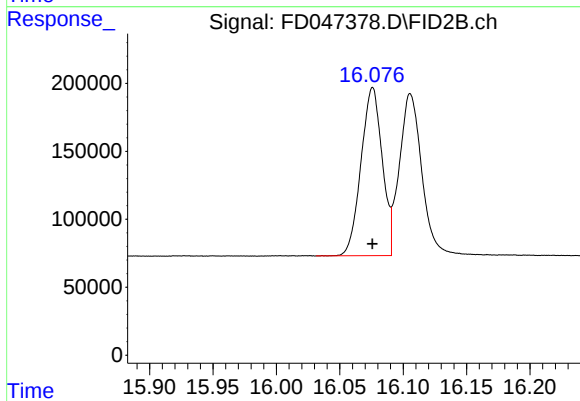
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: 0.000 min
Response: 1375052
Conc: 10.14 ug/ml



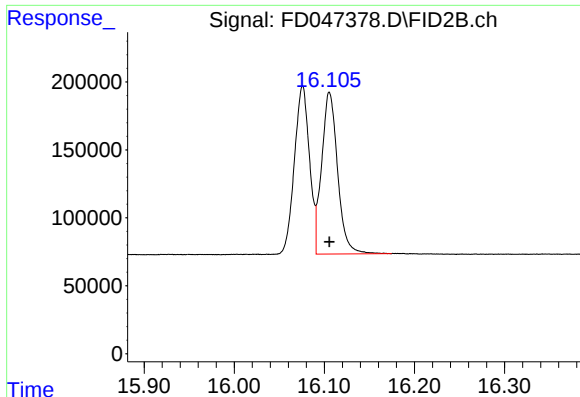
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: 0.000 min
Response: 1522650
Conc: 10.50 ug/ml



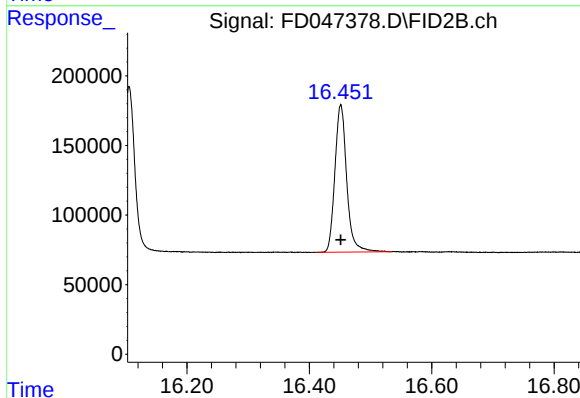
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: 0.000 min
Response: 1439172
Conc: 10.34 ug/ml



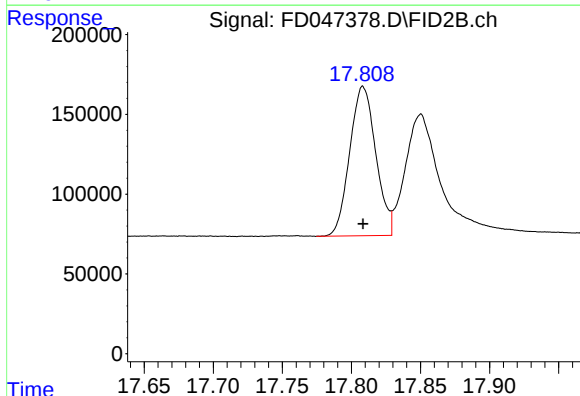
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: 0.000 min
Response: 1465741
Conc: 10.59 ug/ml



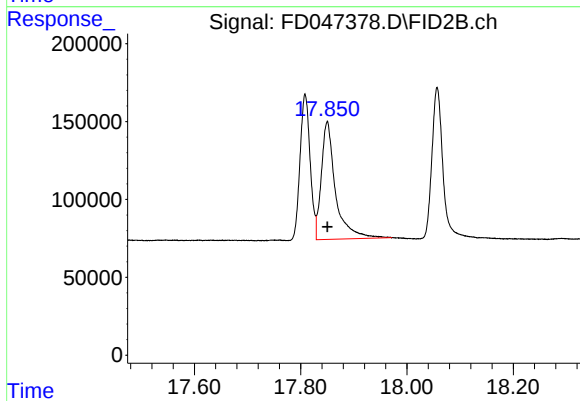
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: 0.000 min
Response: 1420058
Conc: 10.45 ug/ml



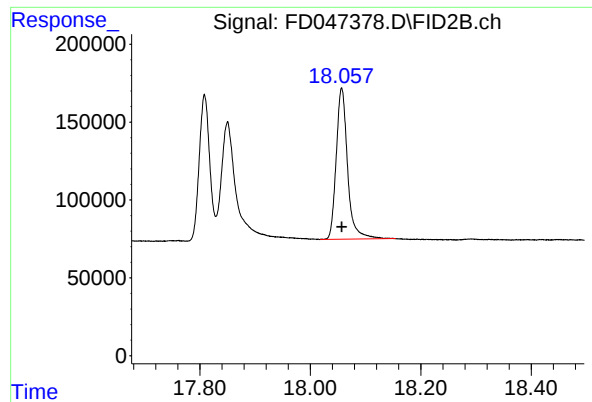
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.000 min
Response: 1230062
Conc: 9.69 ug/ml



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

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 1403558
Conc: 10.87 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.000 min
Response: 1386633
Conc: 10.43 ug/ml