

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122223AR\
 Data File : FD047076.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2023 12:28
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 14:58:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 14:54:08 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...	7.475	16391778	96.381 ug/ml
Spiked Amount 50.000		Recovery =	192.76%
6) S 2-Fluorobiphenyl (SURR)	8.329	10662206	98.125 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.25%#
11) S ortho-Terphenyl (SURR)	11.369	18931046	96.307 ug/ml
Spiked Amount 50.000		Recovery =	192.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	17284311	95.110 ug/ml
2) T Naphthalene (C11.7)	5.813	17940823	95.864 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	18065802	96.224 ug/ml
5) T Acenaphthylene (C15.06)	8.133	16526310	96.403 ug/ml
7) T Acenaphthene (C15.5)	8.431	17584615	96.165 ug/ml
8) T Fluorene (C16.55)	9.208	16864090	97.810 ug/ml
9) T Phenanthrene (C19.36)	10.598	16145678	98.796 ug/ml
10) T Anthracene (C19.43)	10.673	15020666	98.981 ug/ml
12) T Fluoranthene (C21.85)	12.403	15643479	98.815 ug/ml
13) T Pyrene (C20.8)	12.697	15106774	98.557 ug/ml
14) T Benzo[a]anthracene (C...	14.560	12881062	99.353 ug/ml
15) T Chrysene (C27.41)	14.607	13766197	97.247 ug/ml
16) T benzo[b]fluoranthene ...	16.105	13076656	97.989 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	12754471	96.118 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	12648172	96.899 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	12274226	101.324 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	11494691	91.948 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	12466295	95.325 ug/ml

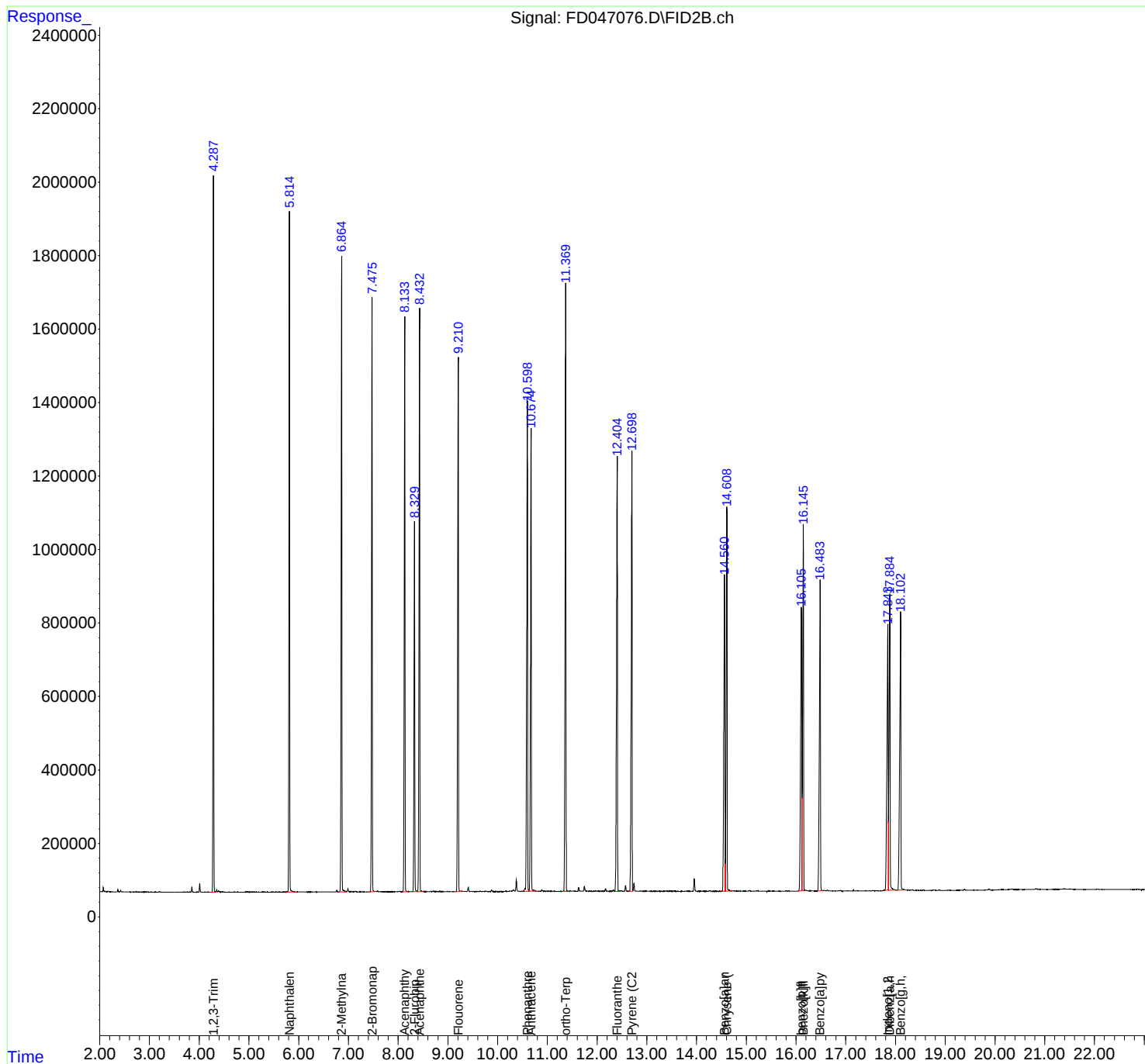
(f)=RT Delta > 1/2 Window

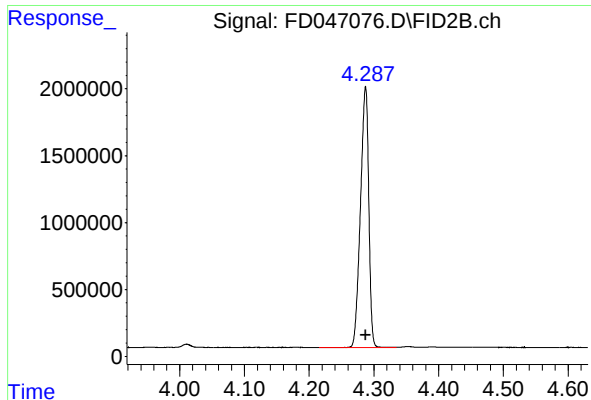
(m)=manual int.

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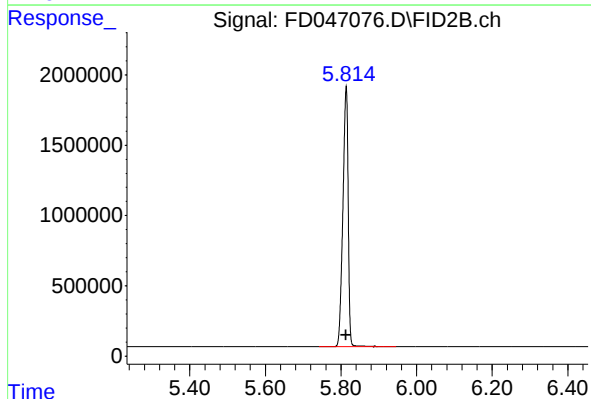
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





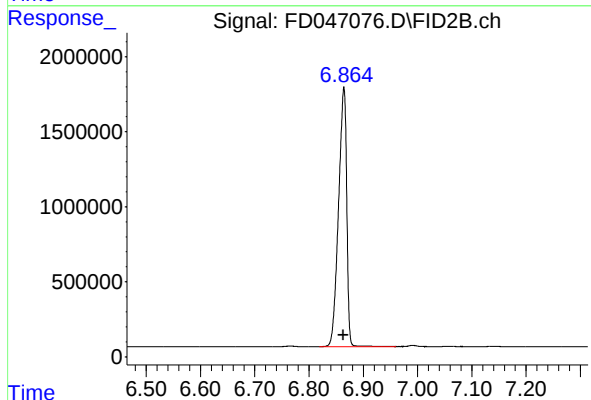
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 17284311
Conc: 95.11 ug/ml



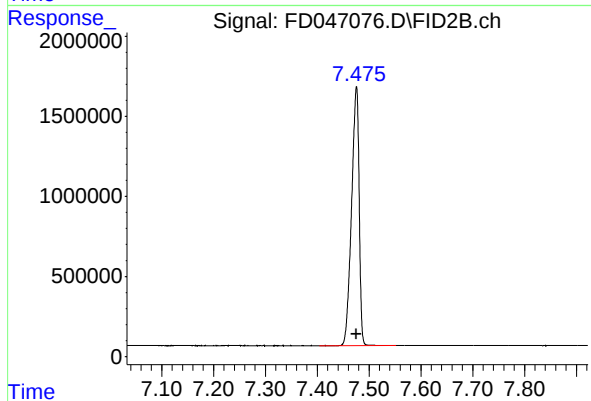
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 17940823
Conc: 95.86 ug/ml



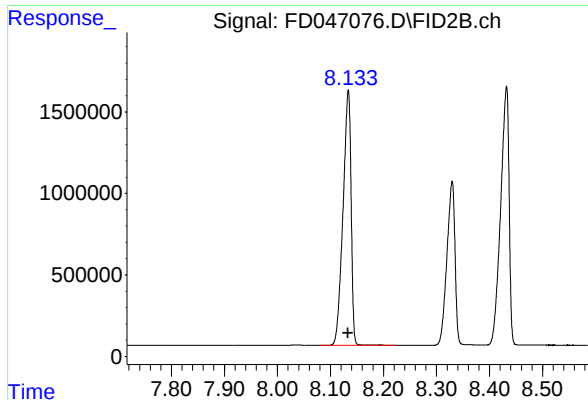
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 18065802
Conc: 96.22 ug/ml



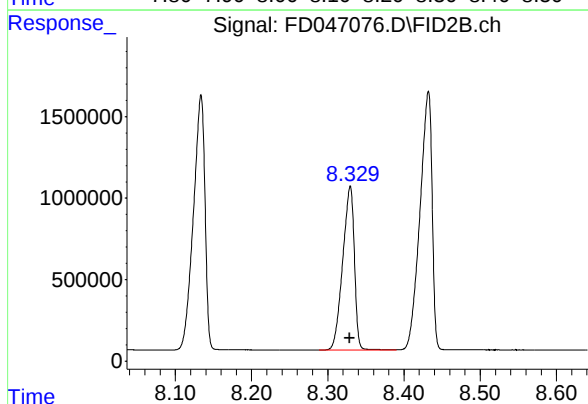
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 16391778
Conc: 96.38 ug/ml



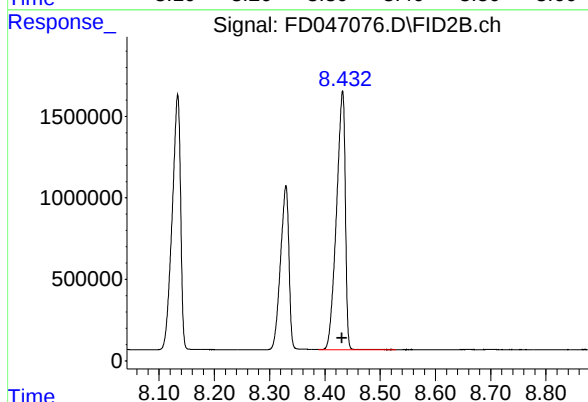
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 16526310
Conc: 96.40 ug/ml



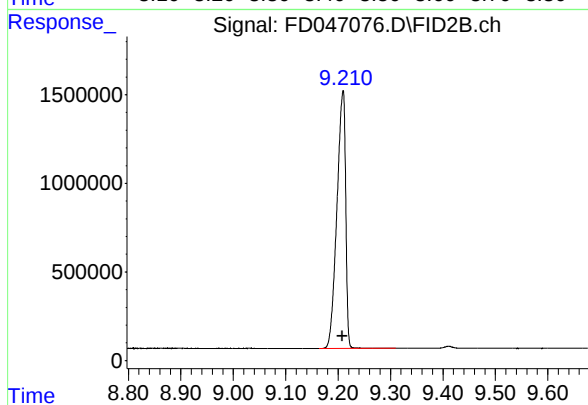
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 10662206
Conc: 98.12 ug/ml



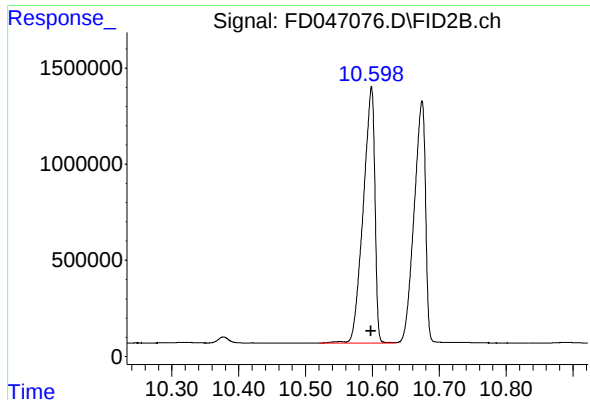
#7 Acenaphthene (C15.5)

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 17584615
Conc: 96.17 ug/ml



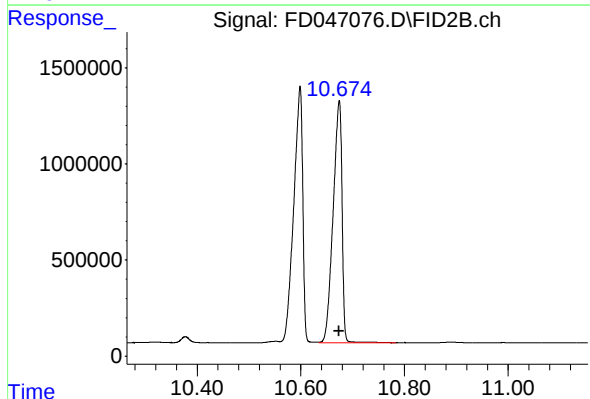
#8 Flouorene (C16.55)

R.T.: 9.208 min
Delta R.T.: 0.000 min
Response: 16864090
Conc: 97.81 ug/ml



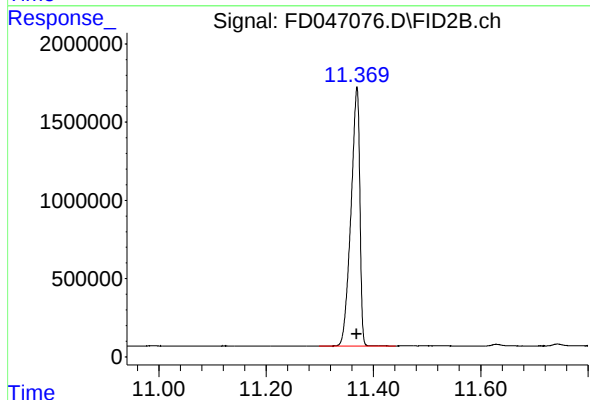
#9 Phenanthrene (C19.36)

R.T.: 10.598 min
Delta R.T.: 0.000 min
Response: 16145678
Conc: 98.80 ug/ml



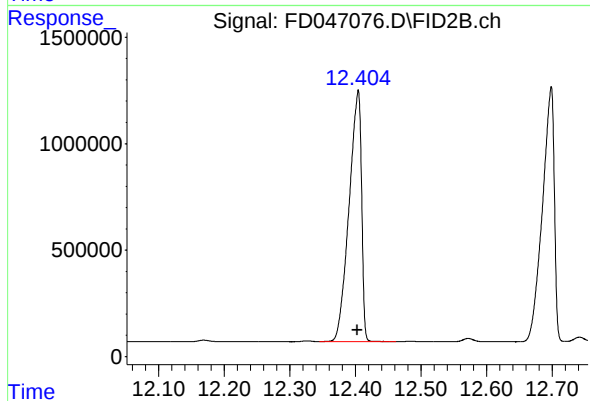
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 15020666
Conc: 98.98 ug/ml



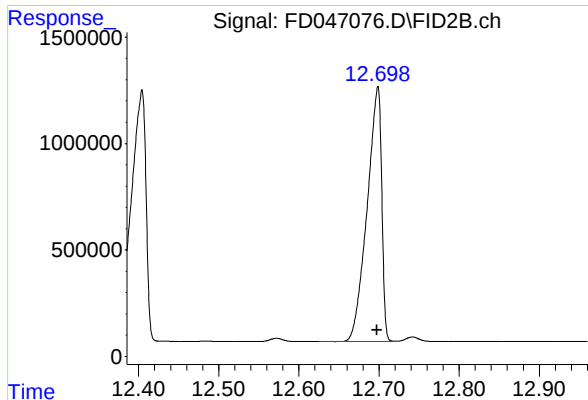
#11 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 18931046
Conc: 96.31 ug/ml



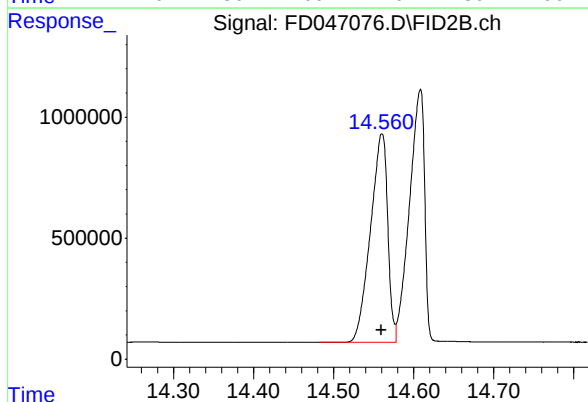
#12 Fluoranthene (C21.85)

R.T.: 12.403 min
Delta R.T.: 0.000 min
Response: 15643479
Conc: 98.81 ug/ml



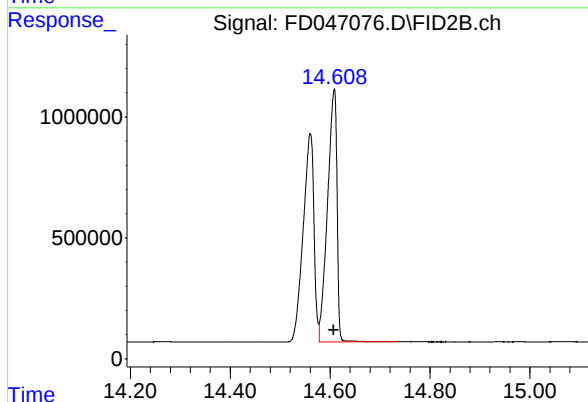
#13 Pyrene (C20.8)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 15106774
Conc: 98.56 ug/ml



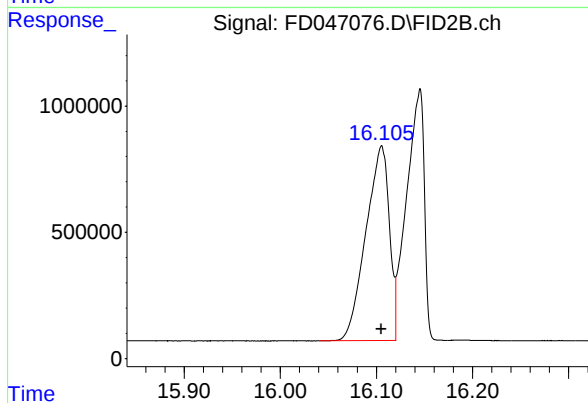
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 12881062
Conc: 99.35 ug/ml



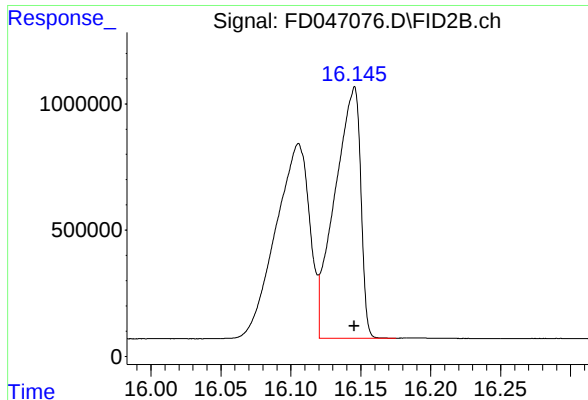
#15 Chrysene (C27.41)

R.T.: 14.607 min
Delta R.T.: 0.000 min
Response: 13766197
Conc: 97.25 ug/ml



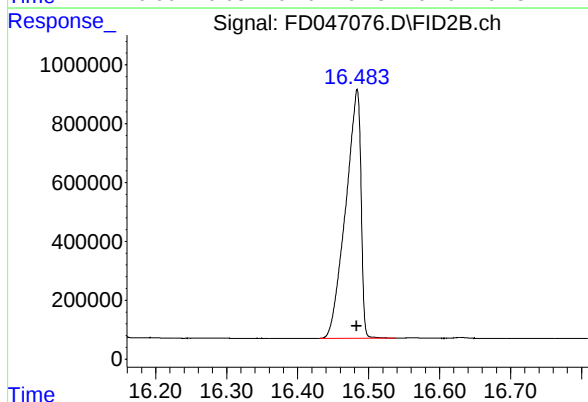
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.105 min
Delta R.T.: 0.000 min
Response: 13076656
Conc: 97.99 ug/ml



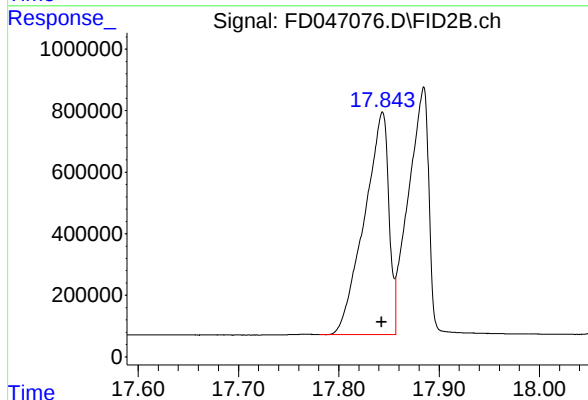
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.144 min
Delta R.T.: -0.001 min
Response: 12754471
Conc: 96.12 ug/ml



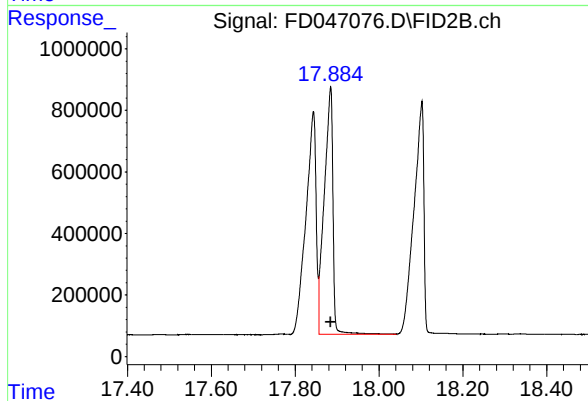
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: 0.000 min
Response: 12648172
Conc: 96.90 ug/ml



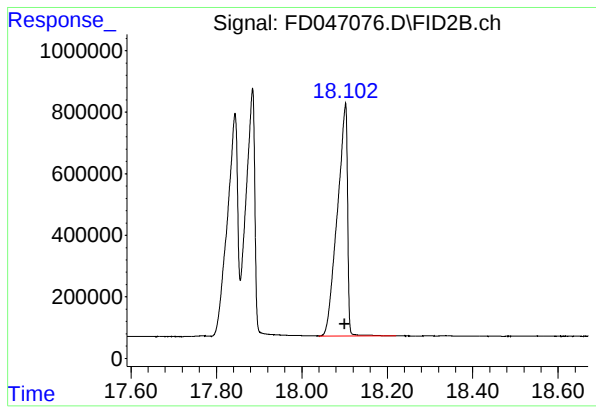
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.000 min
Response: 12274226
Conc: 101.32 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 11494691
Conc: 91.95 ug/ml



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

R.T.: 18.101 min
Delta R.T.: 0.000 min
Response: 12466295
Conc: 95.32 ug/ml