

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032724AR\
 Data File : FD047431.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2024 20:28
 Operator : YP/AJ
 Sample : P1863-02MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 05:34:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.454	7134259	43.195 ug/ml
Spiked Amount 50.000		Recovery =	86.39%
6) S 2-Fluorobiphenyl (SURR)	8.306	4030918	37.883 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.77%
11) S ortho-Terphenyl (SURR)	11.340	6279216	33.646 ug/ml
Spiked Amount 50.000		Recovery =	67.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	4611972	25.950 ug/ml
2) T Naphthalene (C11.7)	5.794	5410178	29.666 ug/ml
3) T 2-Methylnaphthalene (...)	6.841	5660254	31.036 ug/ml
5) T Acenaphthylene (C15.06)	8.110	5956785	35.729 ug/ml
7) T Acenaphthene (C15.5)	8.405	5996354	34.035 ug/ml
8) T Flouorene (C16.55)	9.182	6311172	37.467 ug/ml
9) T Phenanthrene (C19.36)	10.570	6996140	43.199 ug/ml
10) T Anthracene (C19.43)	10.645	6209334	42.191 ug/ml
12) T Fluoranthene (C21.85)	12.373	7675932	48.148 ug/ml
13) T Pyrene (C20.8)	12.667	7465782	48.257 ug/ml
14) T Benzo[a]anthracene (C...	14.529	6523100	48.119 ug/ml
15) T Chrysene (C27.41)	14.572	6626166	44.637 ug/ml
16) T benzo[b]fluoranthene ...	16.072	6575835	46.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	6025854	42.552 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	5945489	43.040 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	6341764	50.741 ug/ml
20) T Dibenz[a,h]anthracene...	17.846	5828247	44.195 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	5661806	42.138 ug/ml

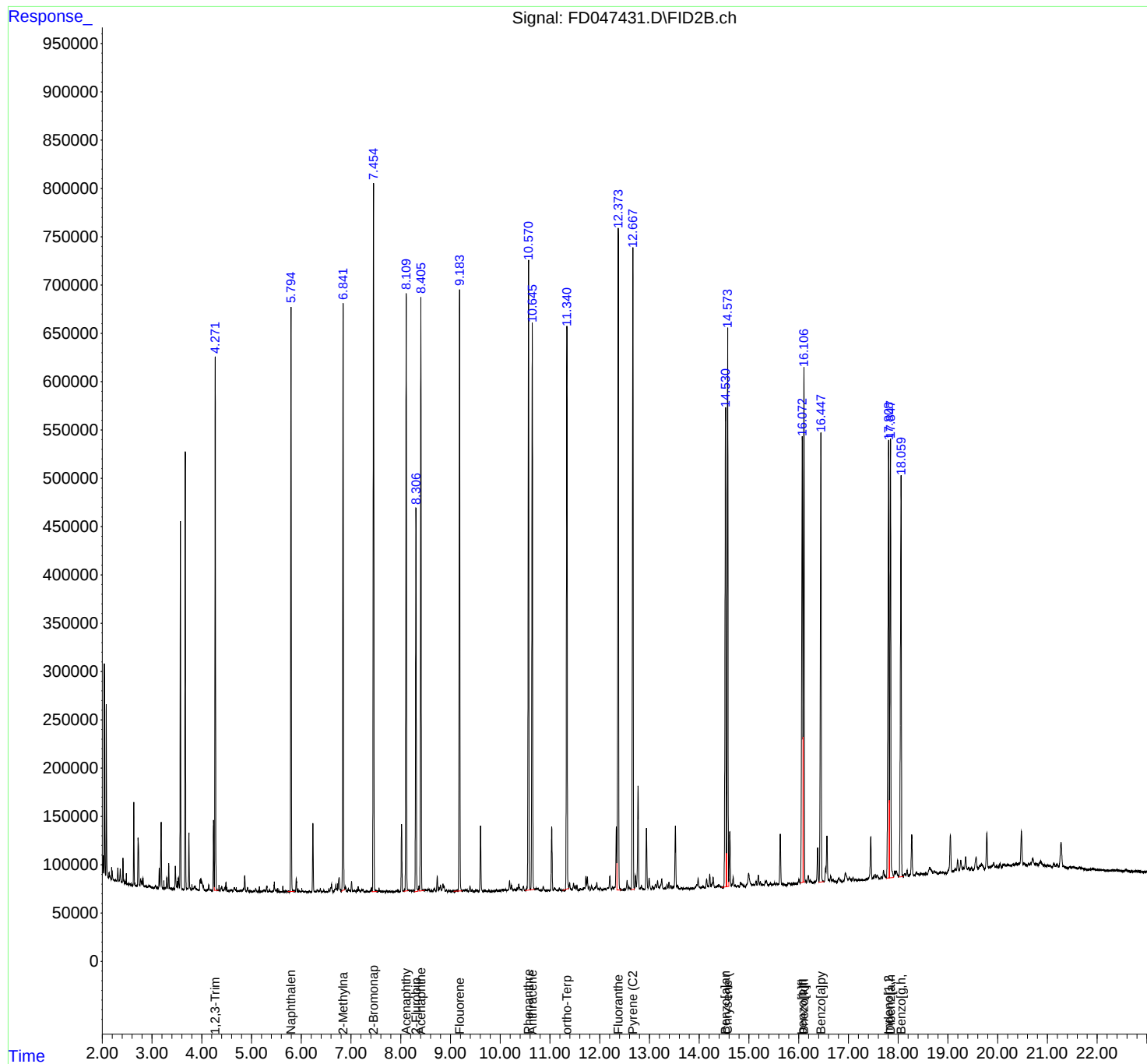
(f)=RT Delta > 1/2 Window

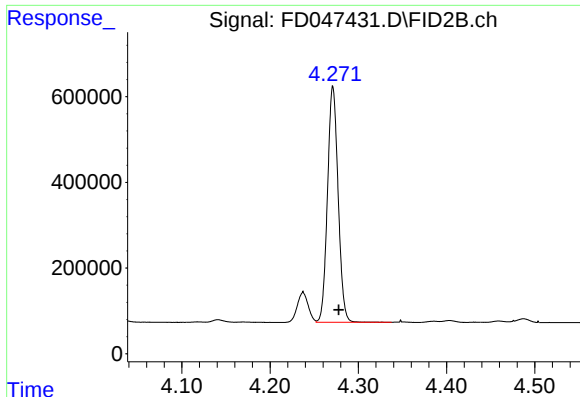
(m)=manual int.

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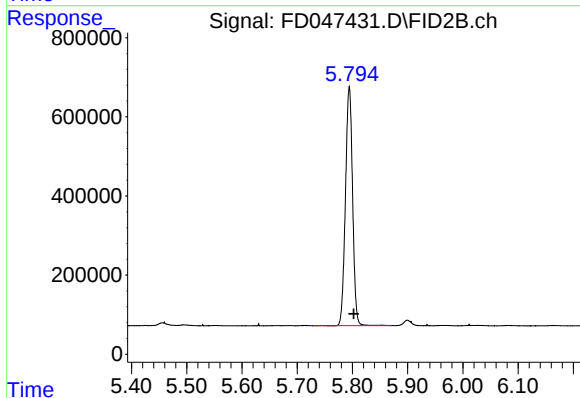
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





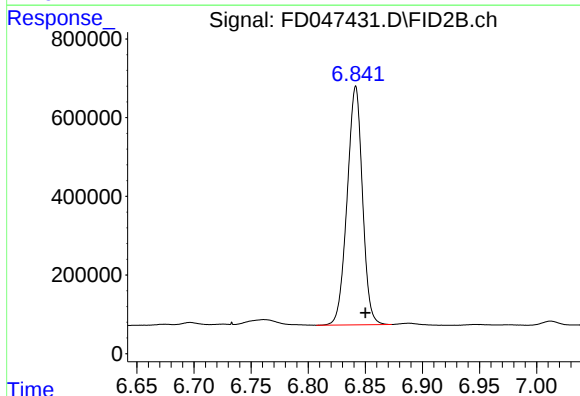
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.271 min
Delta R.T.: -0.007 min
Response: 4611972
Conc: 25.95 ug/ml



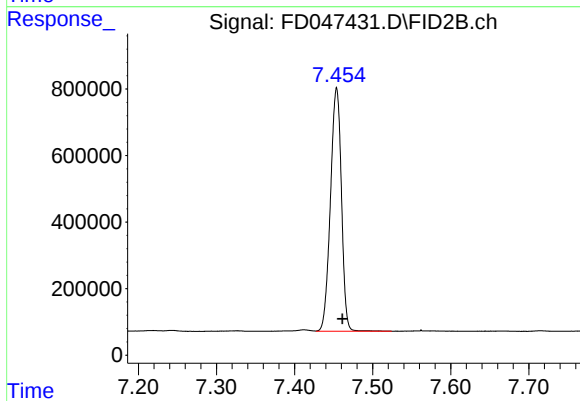
#2 Naphthalene (C11.7)

R.T.: 5.794 min
Delta R.T.: -0.009 min
Response: 5410178
Conc: 29.67 ug/ml



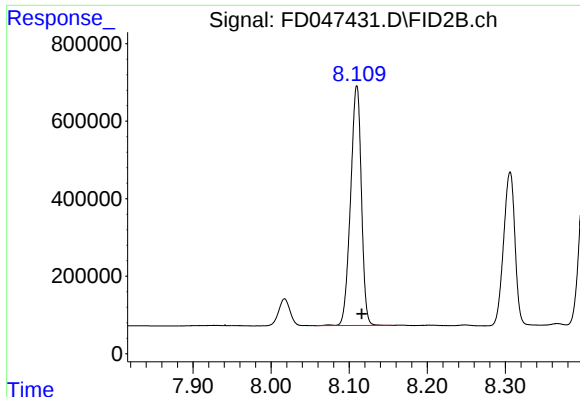
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 5660254
Conc: 31.04 ug/ml



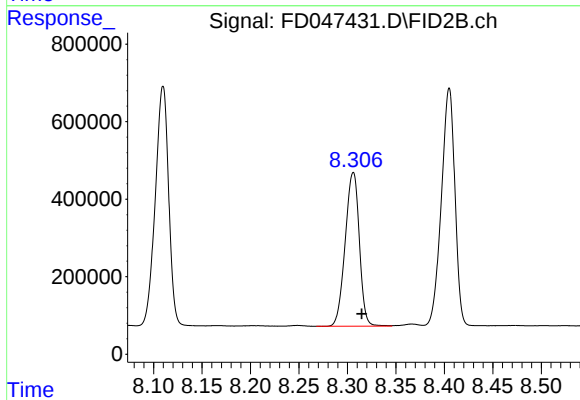
#4 2-Bromonaphthalene (SURR)

R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 7134259
Conc: 43.20 ug/ml



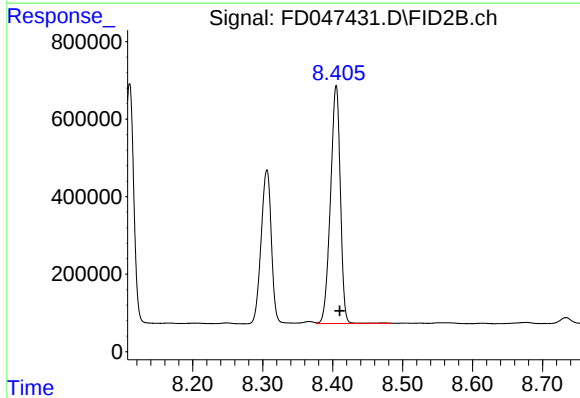
#5 Acenaphthylene (C15.06)

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 5956785
Conc: 35.73 ug/ml



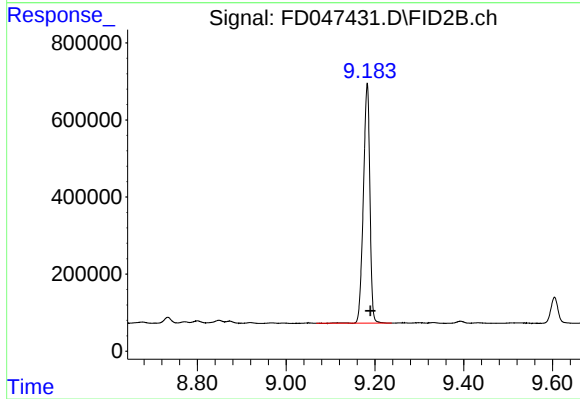
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.009 min
Response: 4030918
Conc: 37.88 ug/ml



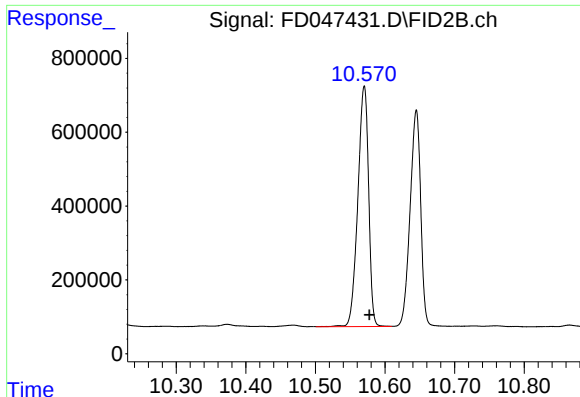
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 5996354
Conc: 34.04 ug/ml



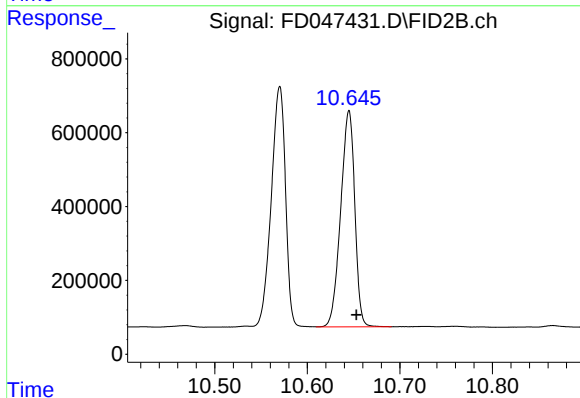
#8 Fluorene (C16.55)

R.T.: 9.182 min
Delta R.T.: -0.008 min
Response: 6311172
Conc: 37.47 ug/ml



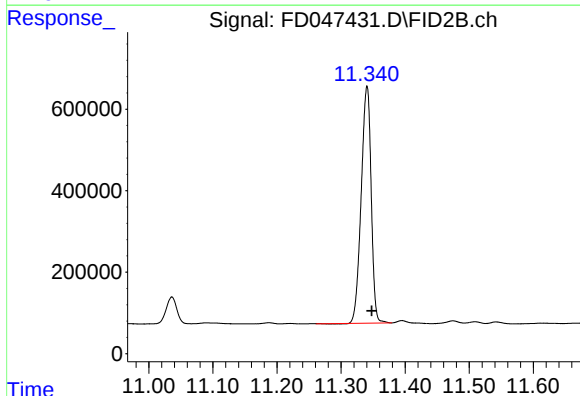
#9 Phenanthrene (C19.36)

R.T.: 10.570 min
Delta R.T.: -0.007 min
Response: 6996140
Conc: 43.20 ug/ml



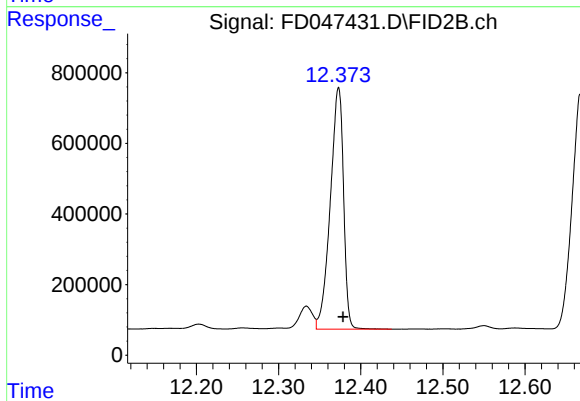
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: -0.008 min
Response: 6209334
Conc: 42.19 ug/ml



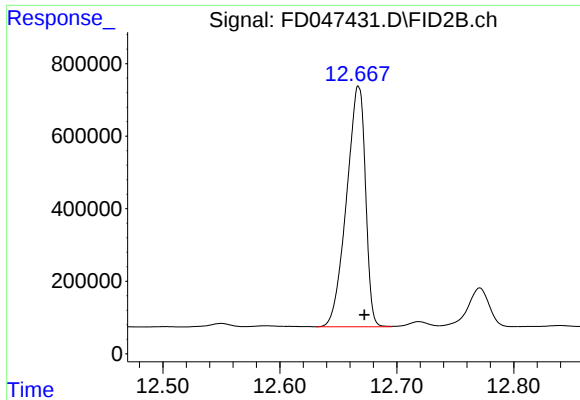
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 6279216
Conc: 33.65 ug/ml



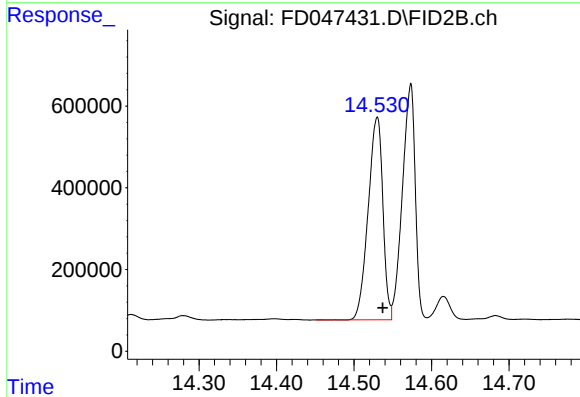
#12 Fluoranthene (C21.85)

R.T.: 12.373 min
Delta R.T.: -0.006 min
Response: 7675932
Conc: 48.15 ug/ml



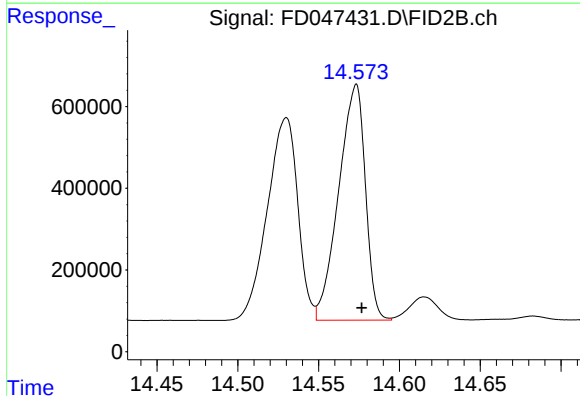
#13 Pyrene (C20.8)

R.T.: 12.667 min
Delta R.T.: -0.005 min
Response: 7465782
Conc: 48.26 ug/ml



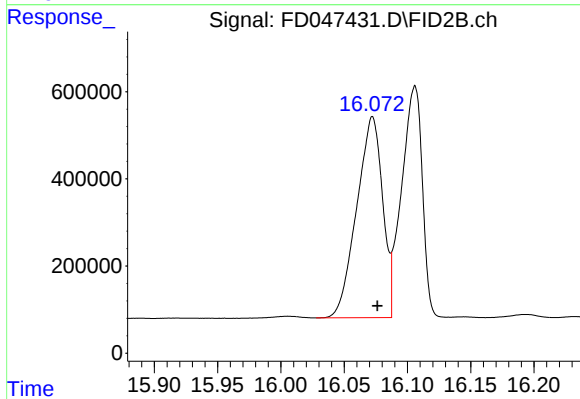
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.007 min
Response: 6523100
Conc: 48.12 ug/ml



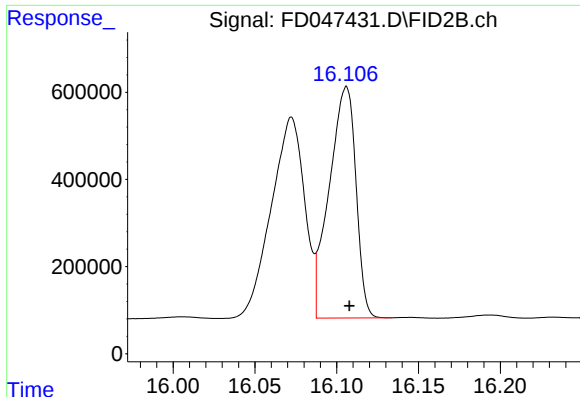
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: -0.004 min
Response: 6626166
Conc: 44.64 ug/ml



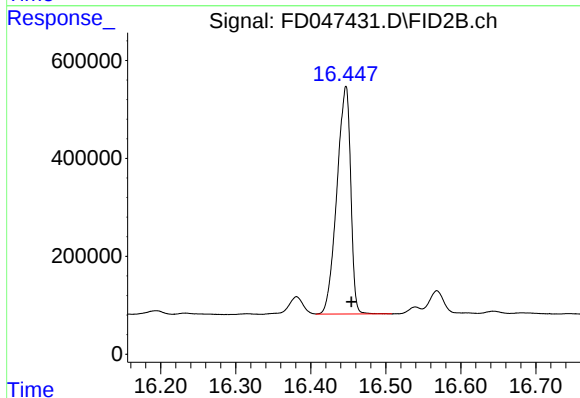
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.072 min
Delta R.T.: -0.004 min
Response: 6575835
Conc: 46.84 ug/ml



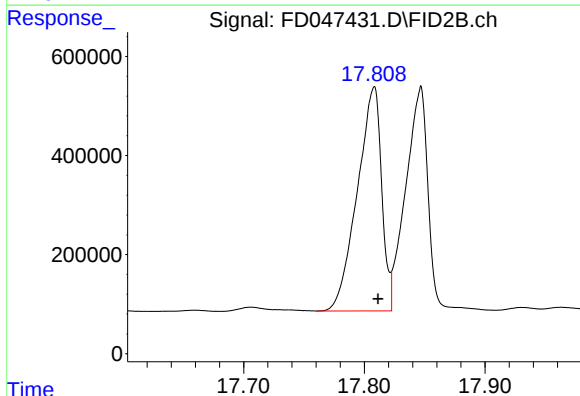
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.105 min
Delta R.T.: -0.003 min
Response: 6025854
Conc: 42.55 ug/ml



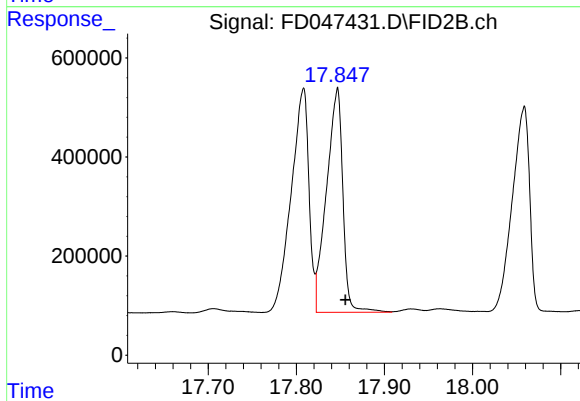
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: -0.008 min
Response: 5945489
Conc: 43.04 ug/ml



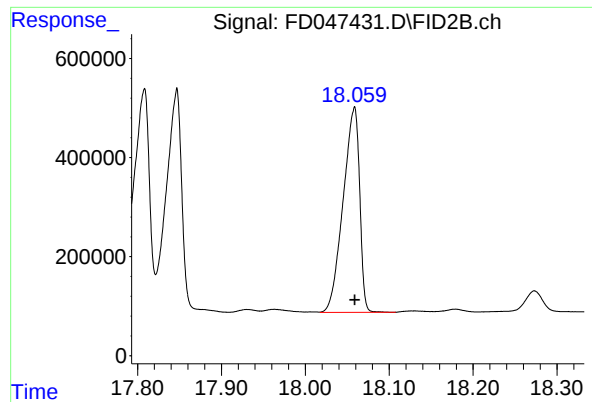
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: -0.004 min
Response: 6341764
Conc: 50.74 ug/ml



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

R.T.: 17.846 min
Delta R.T.: -0.010 min
Response: 5828247
Conc: 44.20 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.001 min
Response: 5661806
Conc: 42.14 ug/ml