

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020224AR\
 Data File : FD047159.D
 Signal(s) : FID2B.ch
 Acq On : 02 Feb 2024 11:36
 Operator : YP/AJ
 Sample : P1187-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 07:17:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.471	8945134	58.155 ug/ml
Spiked Amount 50.000		Recovery =	116.31%
6) S 2-Fluorobiphenyl (SURR)	8.324	5886861	57.623 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.25%
11) S ortho-Terphenyl (SURR)	11.362	8841322	49.623 ug/ml
Spiked Amount 50.000		Recovery =	99.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	411677	2.643 ug/ml
2) T Naphthalene (C11.7)	5.810	458592	2.738 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	494089	2.914 ug/ml
5) T Acenaphthylene (C15.06)	8.125	494870	3.192 ug/ml
7) T Acenaphthene (C15.5)	8.419	499498	3.025 ug/ml
8) T Fluorene (C16.55)	9.198	490092	3.071 ug/ml
9) T Phenanthrene (C19.36)	10.586	472618	2.986 ug/ml
10) T Anthracene (C19.43)	10.661	468582	3.057 ug/ml
12) T Fluoranthene (C21.85)	12.389	506824	3.177 ug/ml
13) T Pyrene (C20.8)	12.682	508369	3.289 ug/ml
14) T Benzo[a]anthracene (C...	14.547	437714	3.118 ug/ml
15) T Chrysene (C27.41)	14.587	493177	3.184 ug/ml
16) T benzo[b]fluoranthene ...	16.087	426010	2.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	474202	3.217 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	425239	2.975 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	352681	2.737 ug/ml
20) T Dibenz[a,h]anthracene...	17.868	463922	3.272 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	382405	2.787 ug/ml

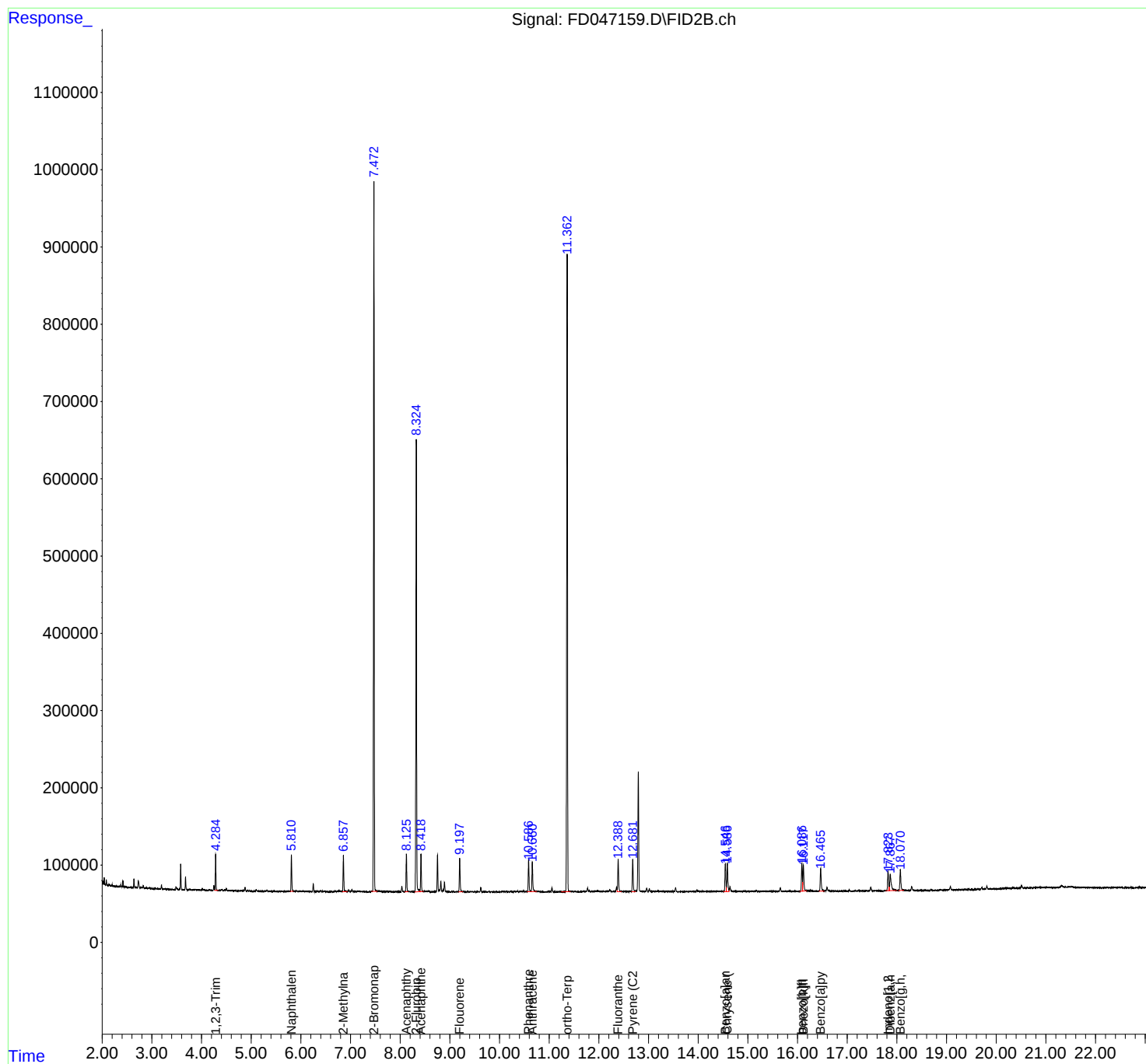
(f)=RT Delta > 1/2 Window

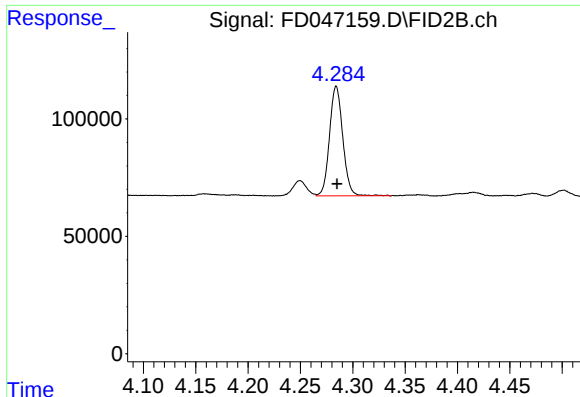
(m)=manual int.

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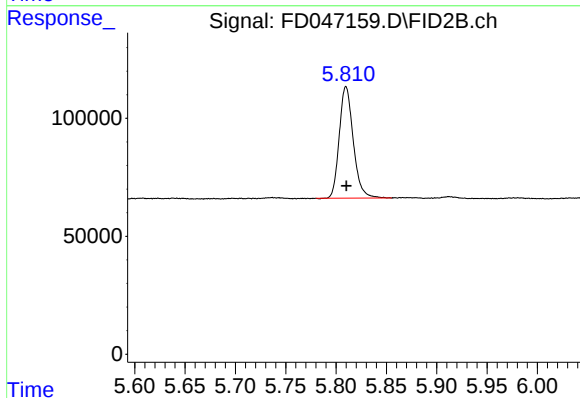
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





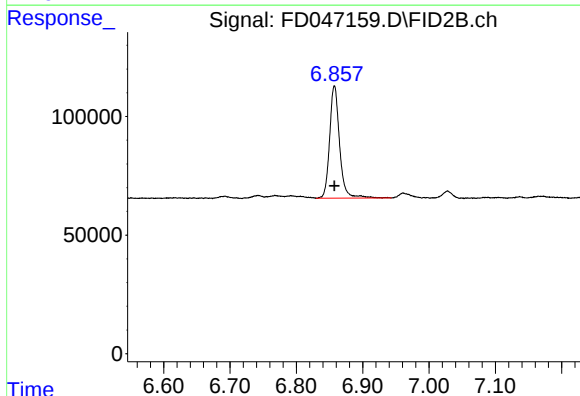
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 411677
Conc: 2.64 ug/ml



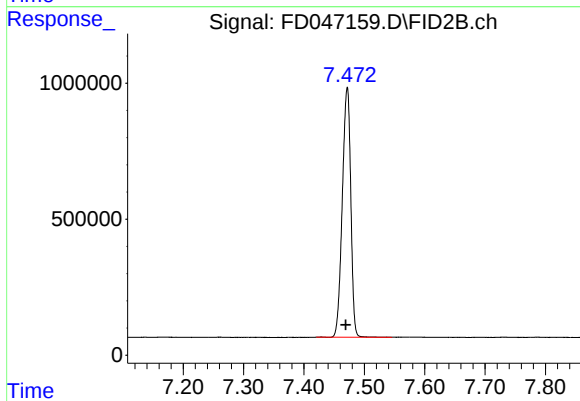
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 458592
Conc: 2.74 ug/ml



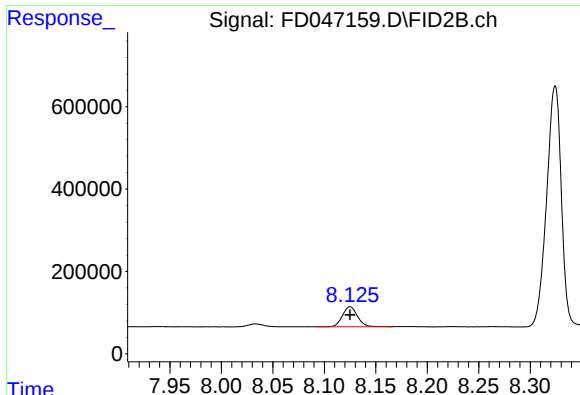
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 494089
Conc: 2.91 ug/ml



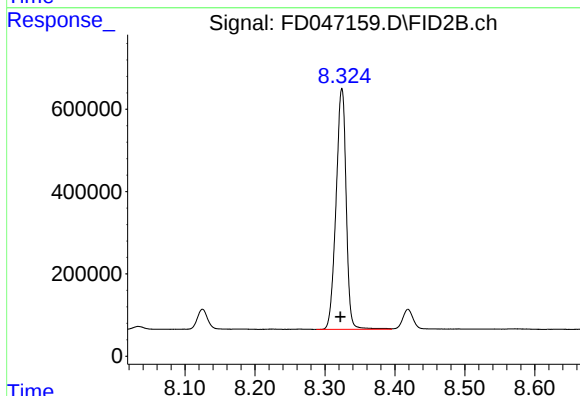
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 8945134
Conc: 58.15 ug/ml



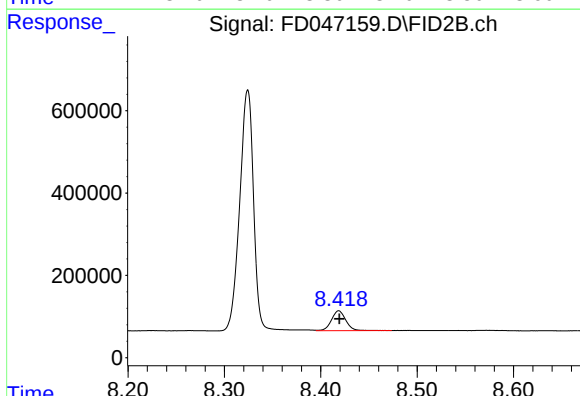
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 494870
Conc: 3.19 ug/ml



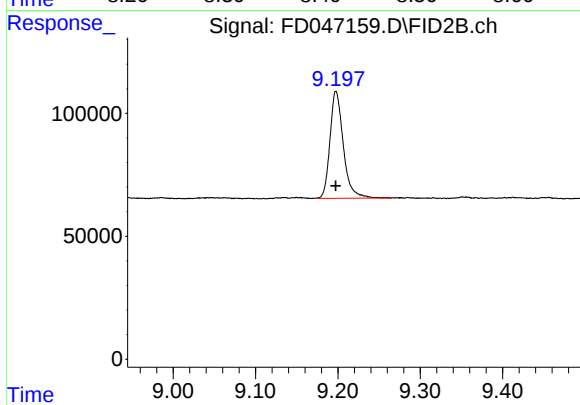
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5886861
Conc: 57.62 ug/ml



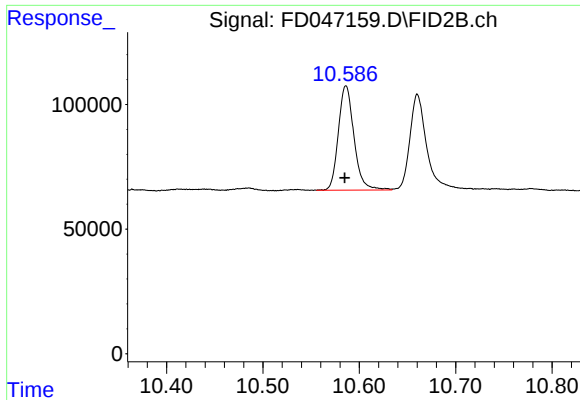
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 499498
Conc: 3.02 ug/ml



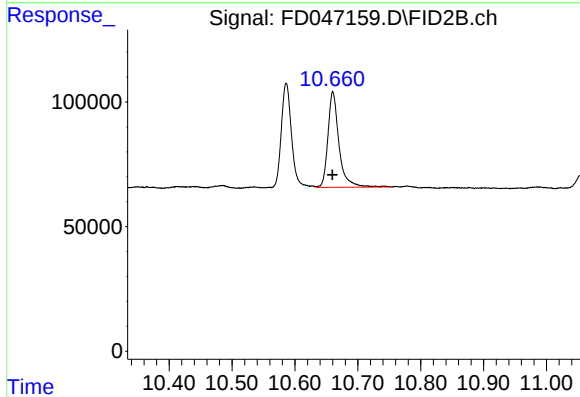
#8 Flouorene (C16.55)

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 490092
Conc: 3.07 ug/ml



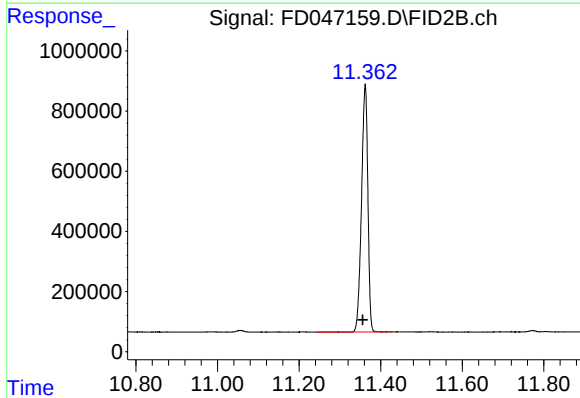
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.001 min
Response: 472618
Conc: 2.99 ug/ml



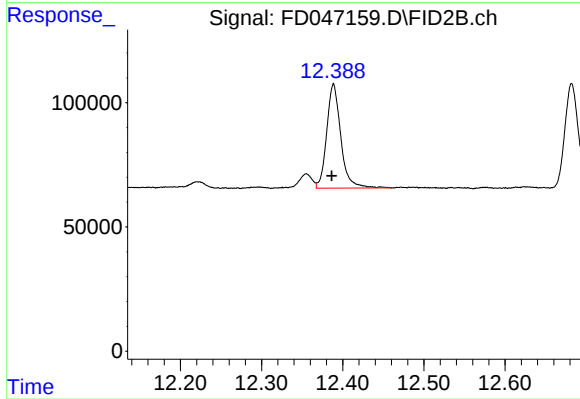
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.001 min
Response: 468582
Conc: 3.06 ug/ml



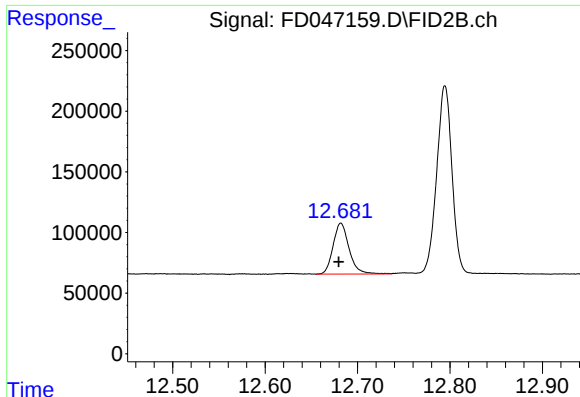
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.005 min
Response: 8841322
Conc: 49.62 ug/ml



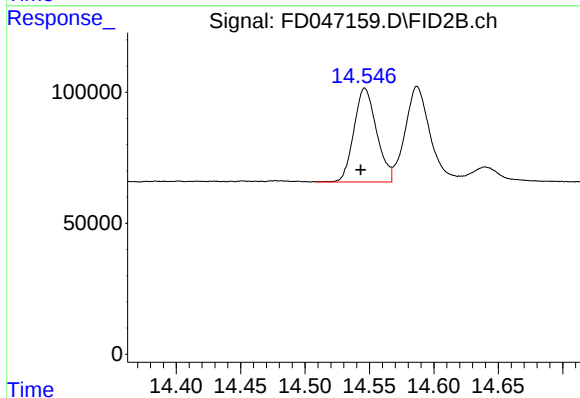
#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 506824
Conc: 3.18 ug/ml



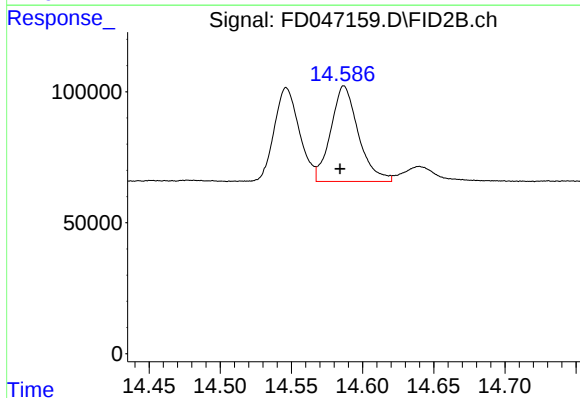
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 508369
Conc: 3.29 ug/ml



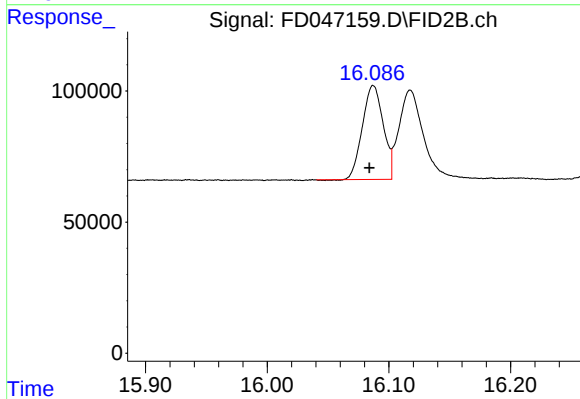
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 437714
Conc: 3.12 ug/ml



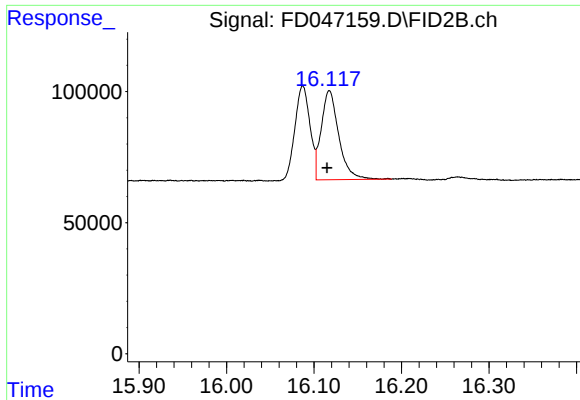
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.003 min
Response: 493177
Conc: 3.18 ug/ml



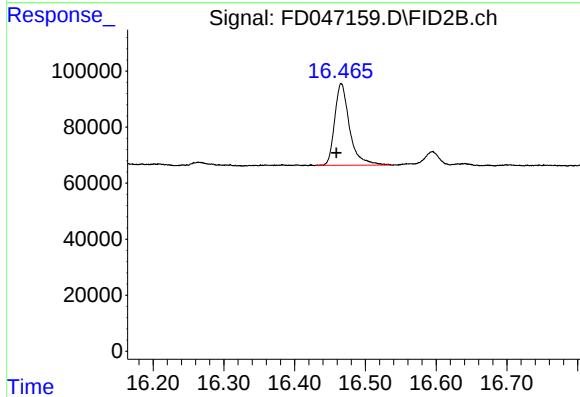
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 426010
Conc: 2.94 ug/ml



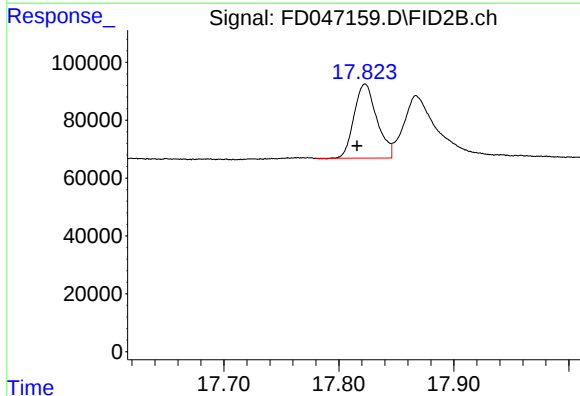
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 474202
Conc: 3.22 ug/ml



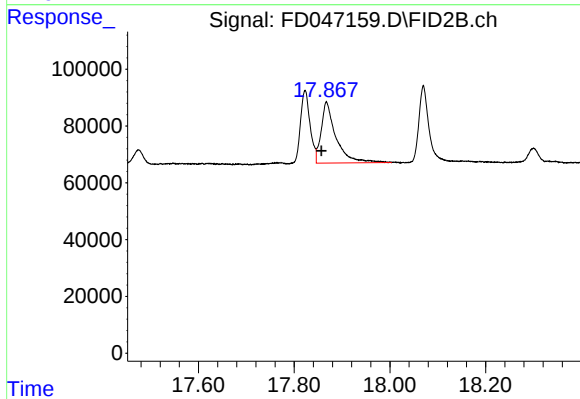
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.007 min
Response: 425239
Conc: 2.97 ug/ml



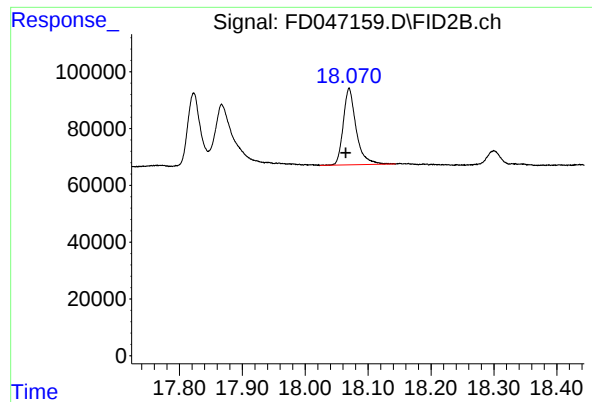
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: 0.007 min
Response: 352681
Conc: 2.74 ug/ml



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

R.T.: 17.868 min
Delta R.T.: 0.010 min
Response: 463922
Conc: 3.27 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.005 min
Response: 382405
Conc: 2.79 ug/ml