

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020224AR\
 Data File : FD047161.D
 Signal(s) : FID2B.ch
 Acq On : 02 Feb 2024 12:50
 Operator : YP/AJ
 Sample : P1187-09
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 05 07:28:14 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	8827034	57.387 ug/ml
Spiked Amount 50.000		Recovery =	114.77%
6) S 2-Fluorobiphenyl (SURR)	8.324	5803120	56.803 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.61%
11) S ortho-Terphenyl (SURR)	11.362	8717622	48.928 ug/ml
Spiked Amount 50.000		Recovery =	97.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	407163	2.614 ug/ml
2) T Naphthalene (C11.7)	5.810	470222	2.807 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	464756	2.741 ug/ml
5) T Acenaphthylene (C15.06)	8.125	499229	3.220 ug/ml
7) T Acenaphthene (C15.5)	8.419	488674	2.959 ug/ml
8) T Fluorene (C16.55)	9.199	484150	3.034 ug/ml
9) T Phenanthrene (C19.36)	10.587	465854	2.943 ug/ml
10) T Anthracene (C19.43)	10.661	471318	3.075 ug/ml
12) T Fluoranthene (C21.85)	12.388	494539	3.100 ug/ml
13) T Pyrene (C20.8)	12.682	499090	3.229 ug/ml
14) T Benzo[a]anthracene (C...	14.546	429207	3.057 ug/ml
15) T Chrysene (C27.41)	14.587	481297	3.108 ug/ml
16) T benzo[b]fluoranthene ...	16.086	429265	2.959 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	493154	3.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	439677	3.076 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	359487	2.789 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	498452	3.516 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	405989	2.959 ug/ml

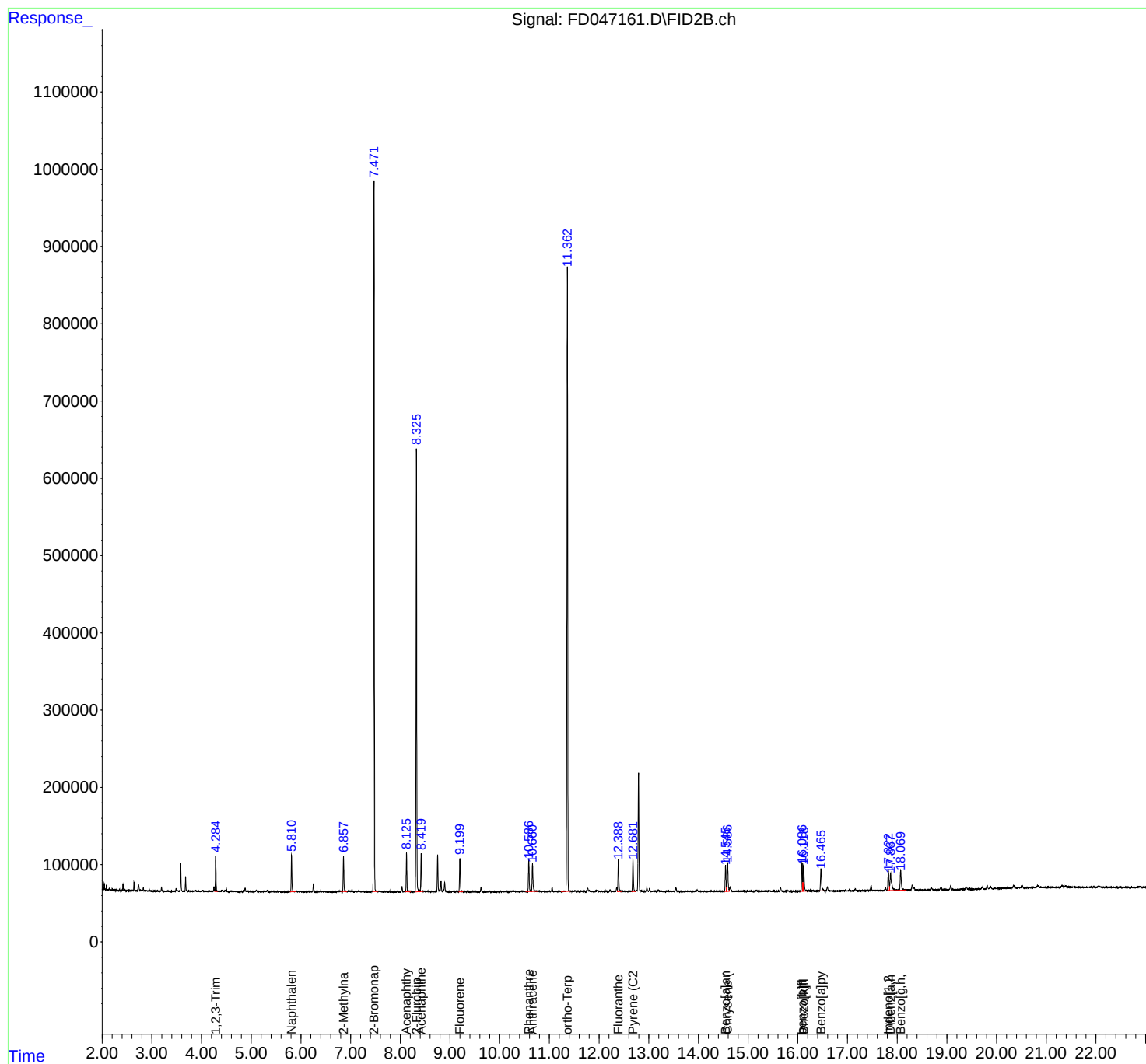
(f)=RT Delta > 1/2 Window

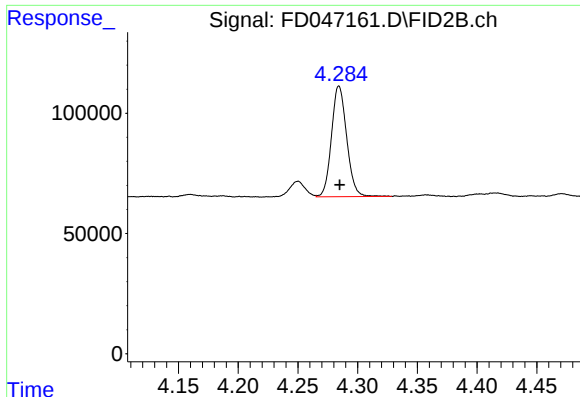
(m)=manual int.

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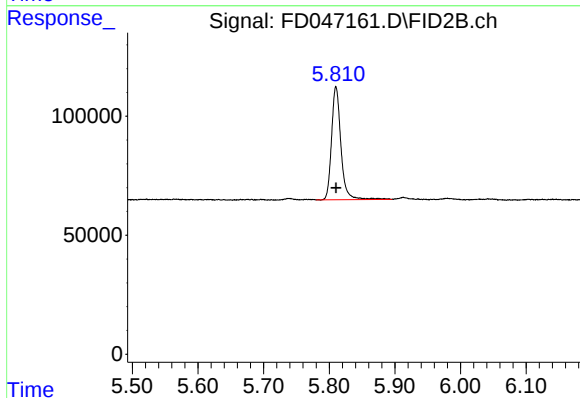
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Signal Info : 20M x 0.18mm x 0.18µm





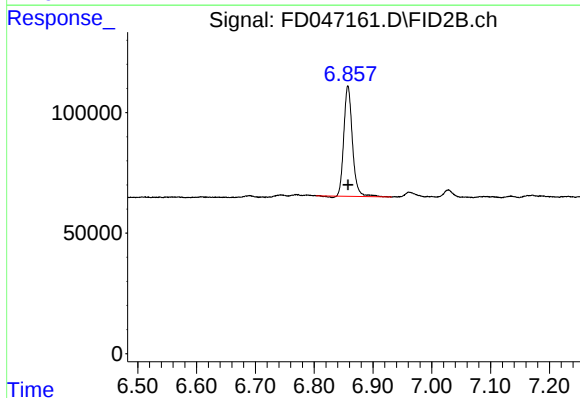
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 407163
Conc: 2.61 ug/ml



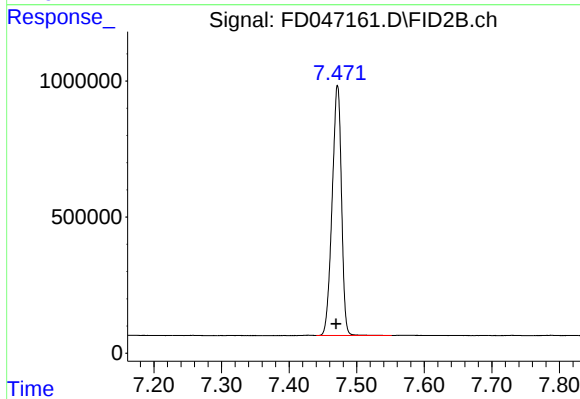
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 470222
Conc: 2.81 ug/ml



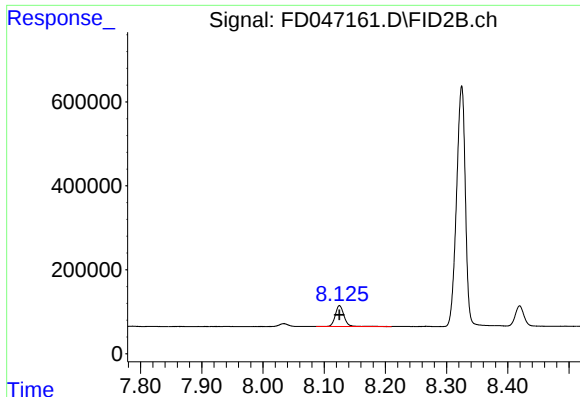
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 464756
Conc: 2.74 ug/ml



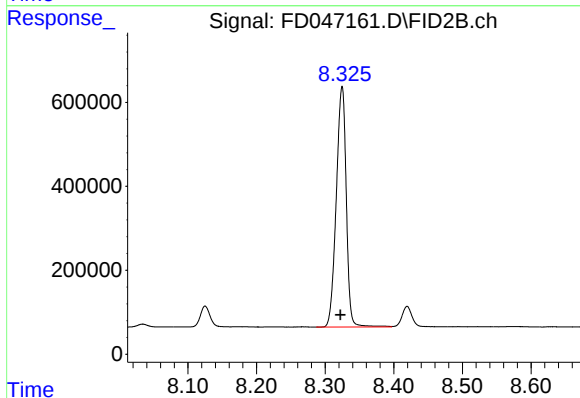
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 8827034
Conc: 57.39 ug/ml



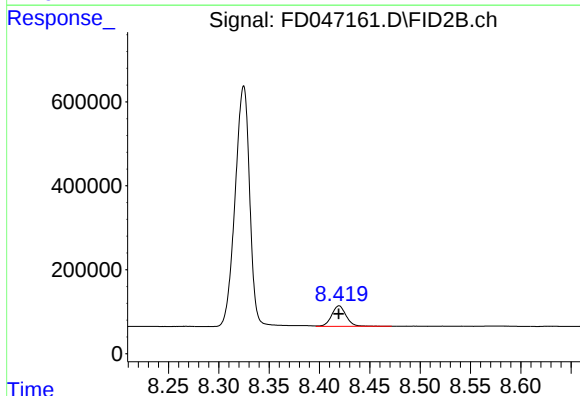
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 499229
Conc: 3.22 ug/ml



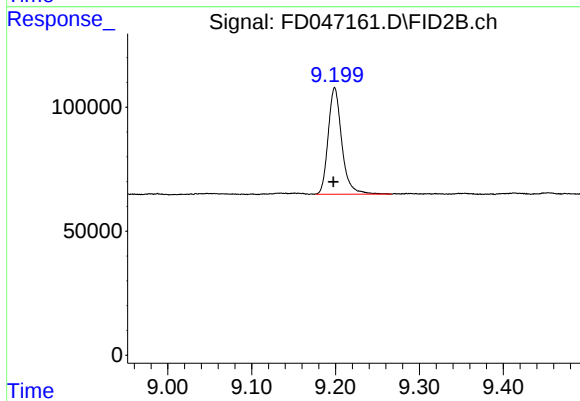
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.002 min
Response: 5803120
Conc: 56.80 ug/ml



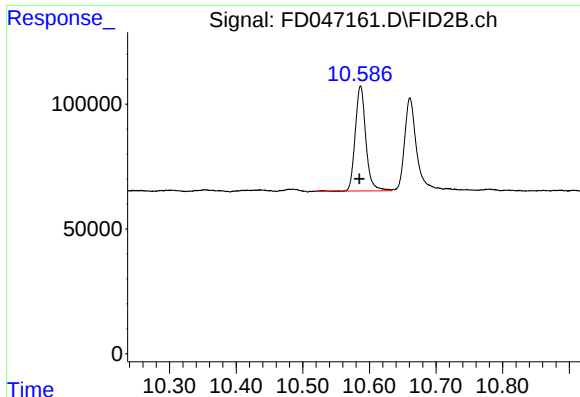
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 488674
Conc: 2.96 ug/ml



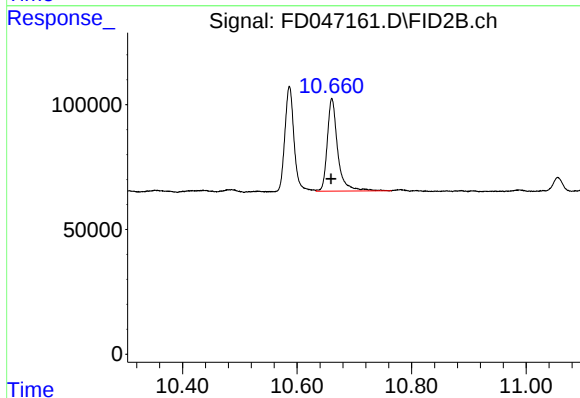
#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.002 min
Response: 484150
Conc: 3.03 ug/ml



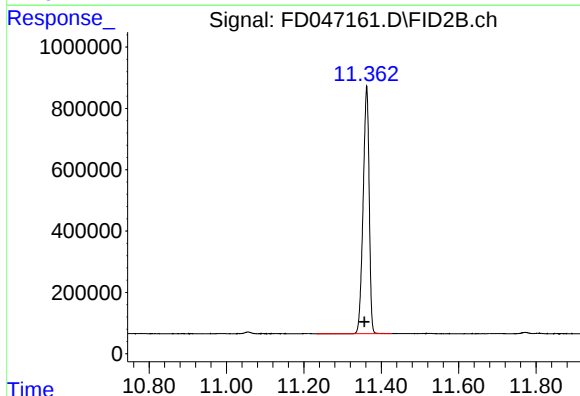
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.002 min
Response: 465854
Conc: 2.94 ug/ml



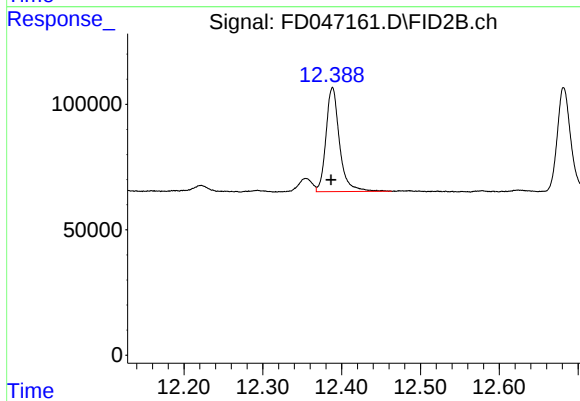
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.002 min
Response: 471318
Conc: 3.07 ug/ml



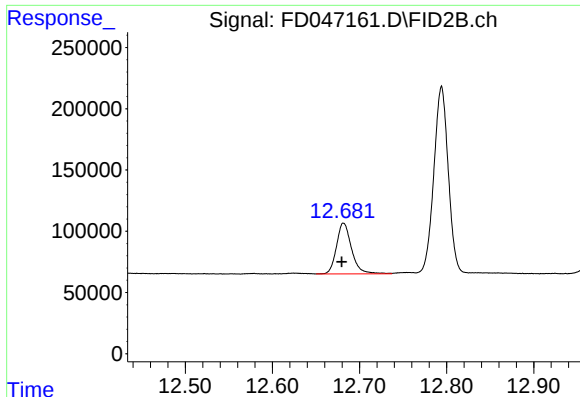
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.006 min
Response: 8717622
Conc: 48.93 ug/ml



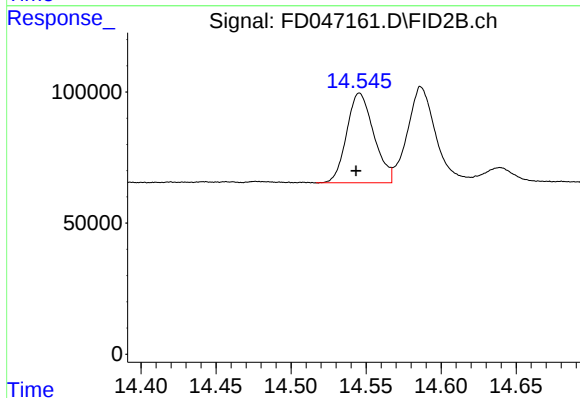
#12 Fluoranthene (C21.85)

R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 494539
Conc: 3.10 ug/ml



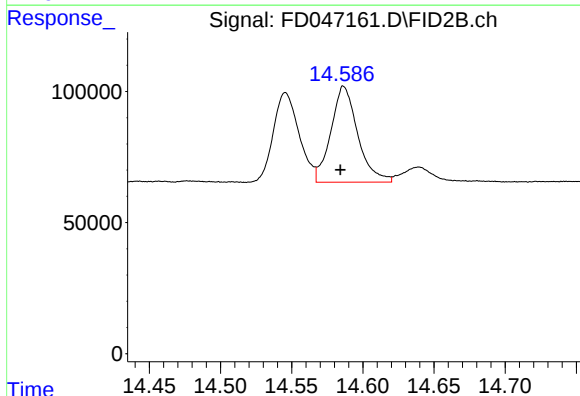
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.002 min
Response: 499090
Conc: 3.23 ug/ml



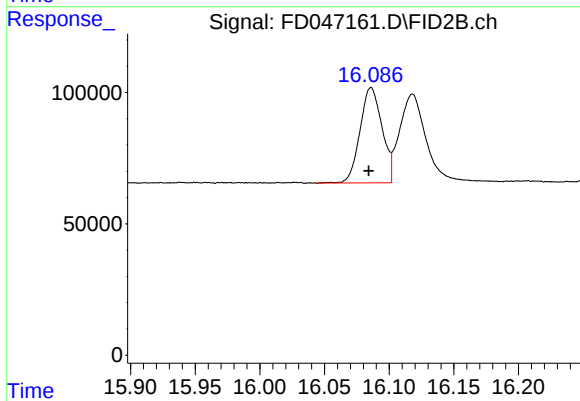
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: 0.003 min
Response: 429207
Conc: 3.06 ug/ml



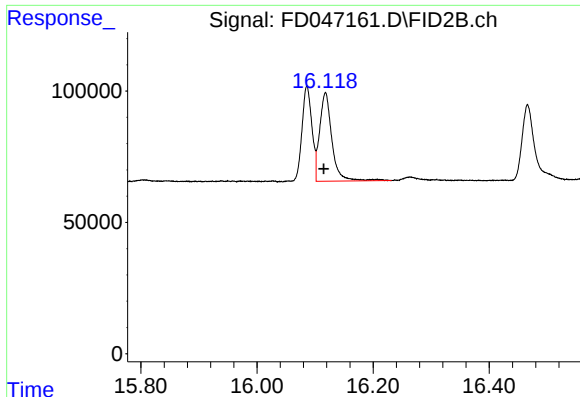
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.003 min
Response: 481297
Conc: 3.11 ug/ml



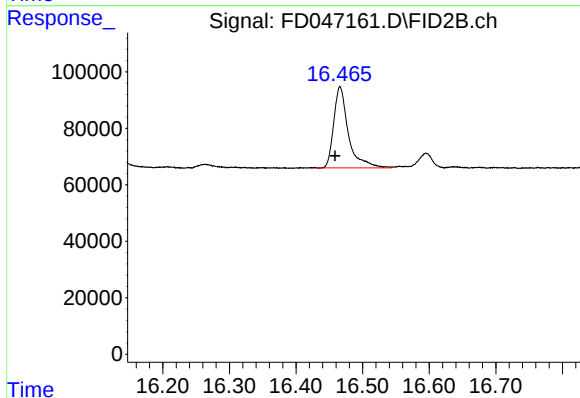
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: 0.002 min
Response: 429265
Conc: 2.96 ug/ml



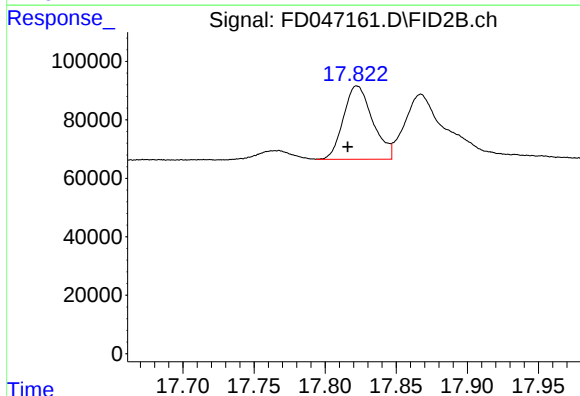
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: 0.003 min
Response: 493154
Conc: 3.35 ug/ml



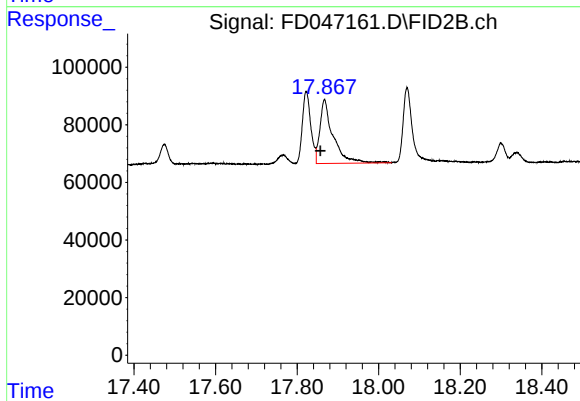
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.007 min
Response: 439677
Conc: 3.08 ug/ml



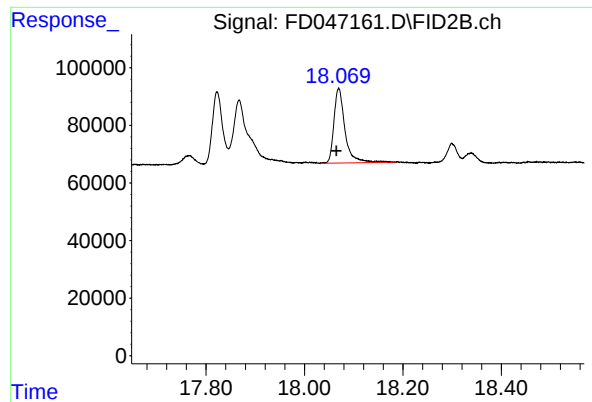
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: 0.007 min
Response: 359487
Conc: 2.79 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.010 min
Response: 498452
Conc: 3.52 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.005 min
Response: 405989
Conc: 2.96 ug/ml