

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043495.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 13:55
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:40:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.617	7095511	50.162 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
6) S 2-Fluorobiphenyl (SURR)	8.480	4829107	50.797 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	101.59%
11) S ortho-Terphenyl (SURR)	11.526	7267281	42.877 ug/ml
Spiked Amount 50.000		Recovery =	85.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	687454	4.383 ug/ml
2) T Naphthalene (C11.7)	5.949	760598	4.704 ug/ml
3) T 2-Methylnaphthalene (...)	7.003	745066	5.088 ug/ml
5) T Acenaphthylene (C15.06)	8.279	746981	4.601 ug/ml
7) T Acenaphthene (C15.5)	8.575	818706	5.064 ug/ml
8) T Flouorene (C16.55)	9.357	774923	4.945 ug/ml
9) T Phenanthrene (C19.36)	10.754	759437	4.846 ug/ml
10) T Anthracene (C19.43)	10.829	763369	4.956 ug/ml
12) T Fluoranthene (C21.85)	12.567	786322	4.965 ug/ml
13) T Pyrene (C20.8)	12.864	768738	4.892 ug/ml
14) T Benzo[a]anthracene (C...	14.738	713859	4.839 ug/ml
15) T Chrysene (C27.41)	14.779	875471	5.603 ug/ml
16) T benzo[b]fluoranthene ...	16.290	715928	4.786 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	777073	5.179 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	681279	4.820 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	666172	5.637 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	1000586	7.054 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	726411	5.586 ug/ml

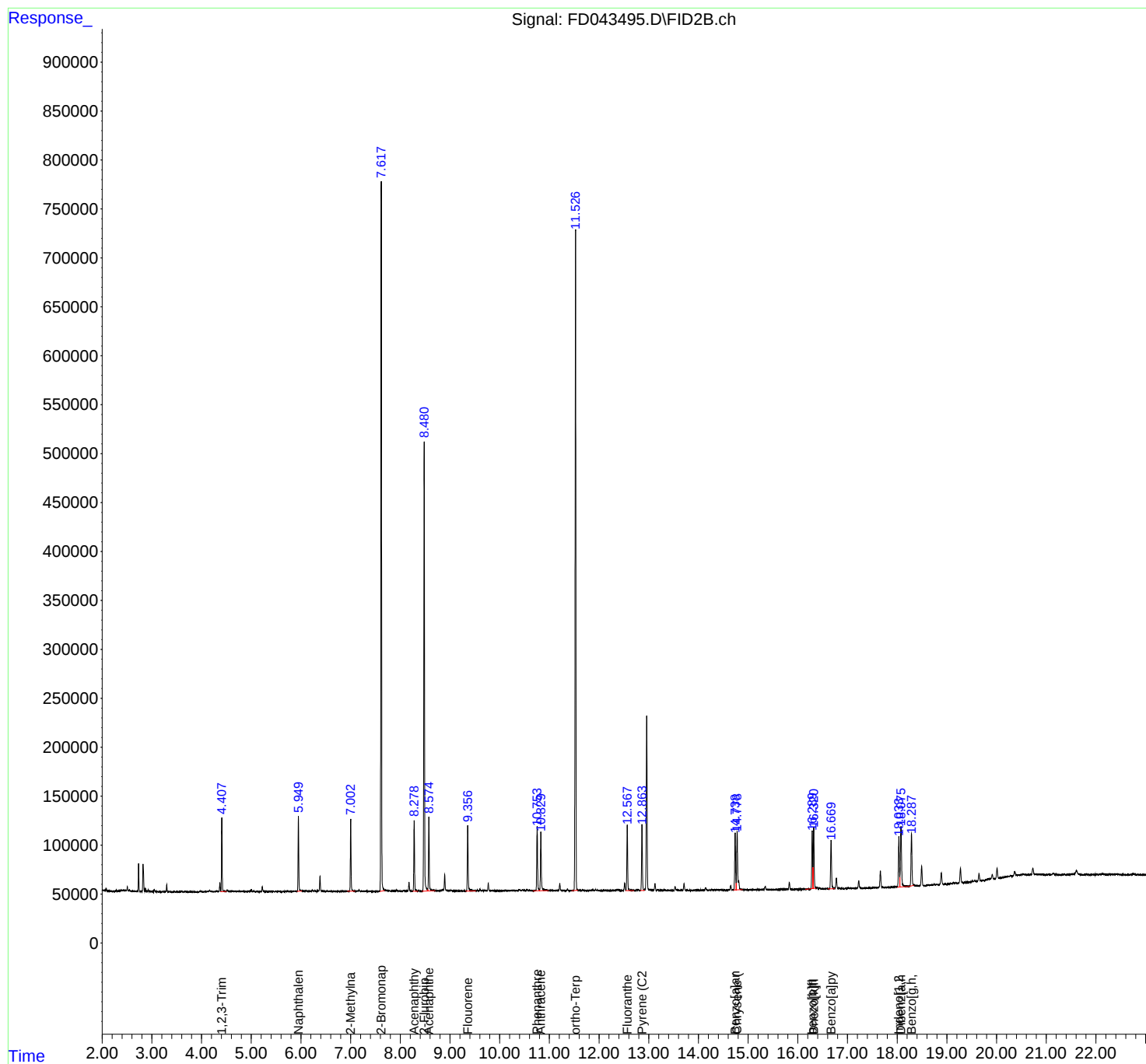
(f)=RT Delta > 1/2 Window

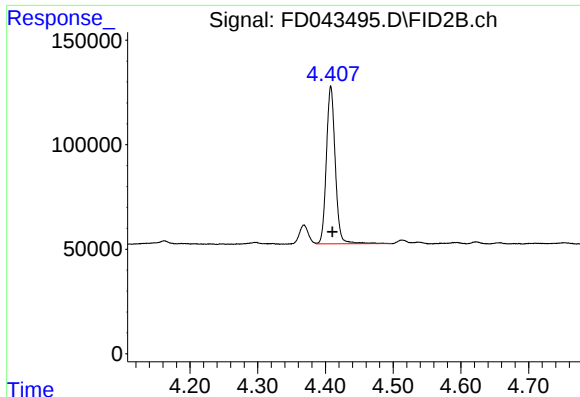
(m)=manual int.

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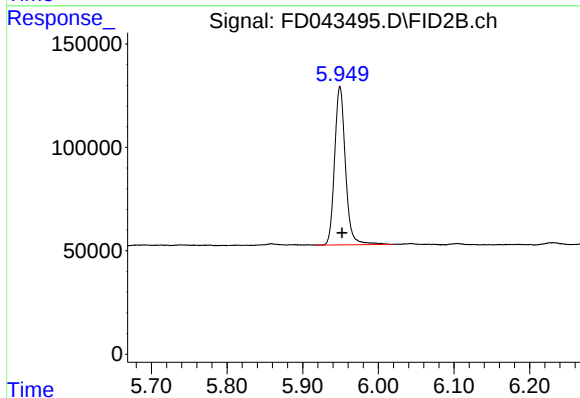
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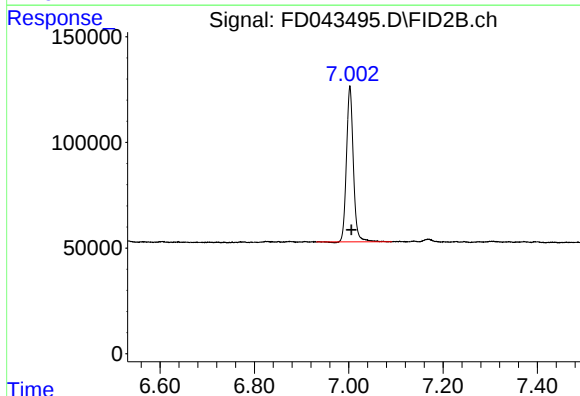
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.408 min
Delta R.T.: -0.002 min
Response: 687454
Conc: 4.38 ug/ml



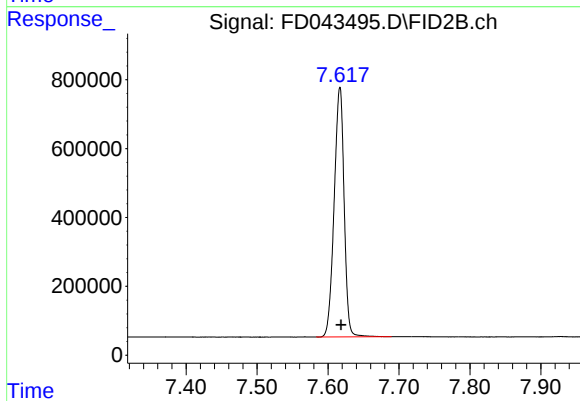
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 760598
Conc: 4.70 ug/ml



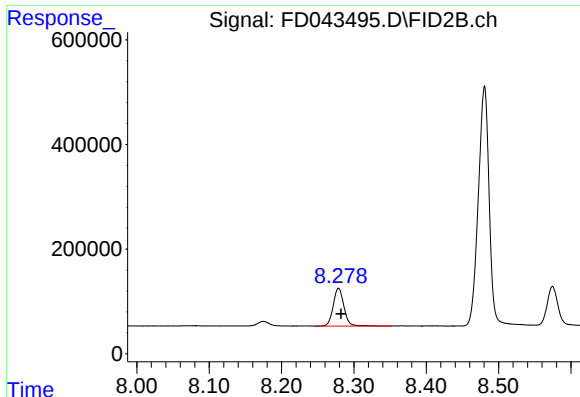
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 745066
Conc: 5.09 ug/ml



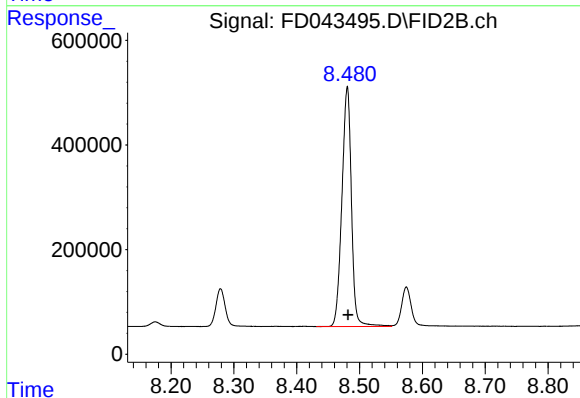
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: -0.002 min
Response: 7095511
Conc: 50.16 ug/ml



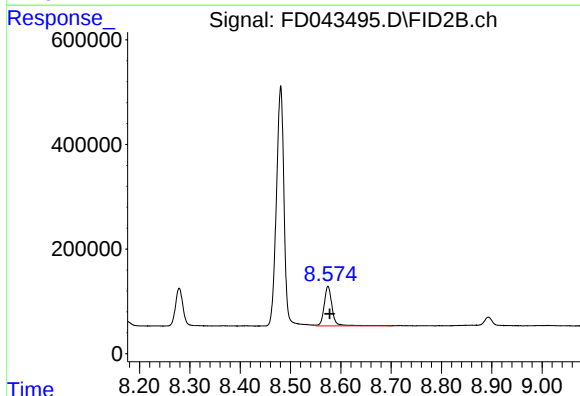
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 746981
Conc: 4.60 ug/ml



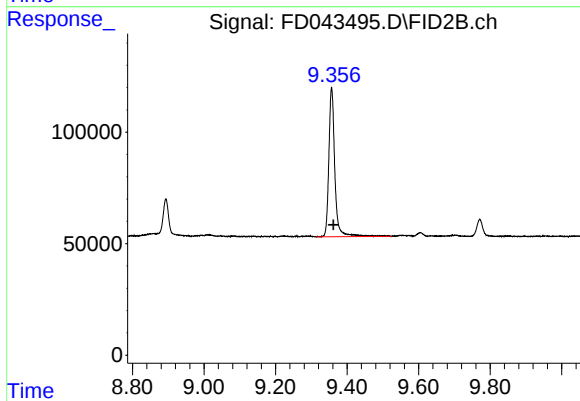
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.001 min
Response: 4829107
Conc: 50.80 ug/ml



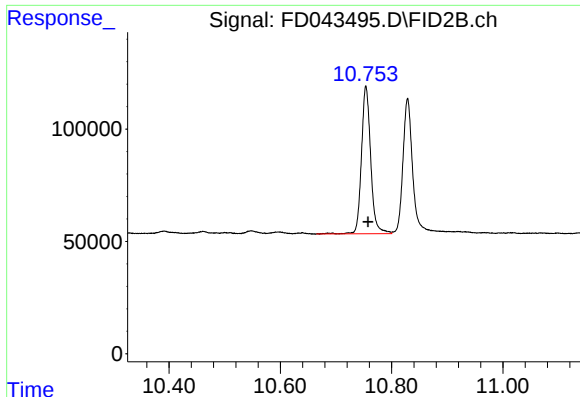
#7 Acenaphthene (C15.5)

R.T.: 8.575 min
Delta R.T.: -0.004 min
Response: 818706
Conc: 5.06 ug/ml



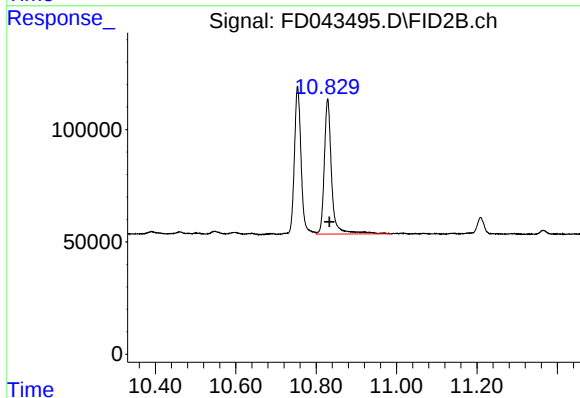
#8 Flouorene (C16.55)

R.T.: 9.357 min
Delta R.T.: -0.004 min
Response: 774923
Conc: 4.95 ug/ml



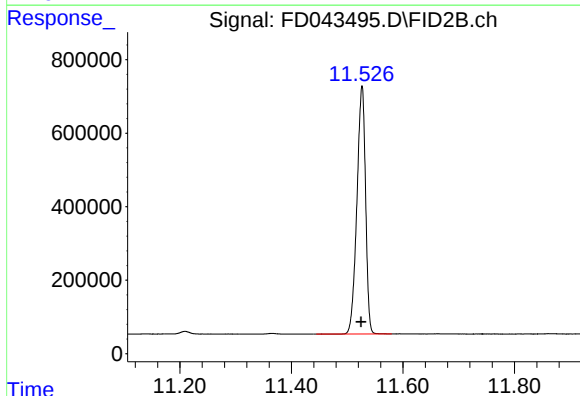
#9 Phenanthrene (C19.36)

R.T.: 10.754 min
Delta R.T.: -0.003 min
Response: 759437
Conc: 4.85 ug/ml



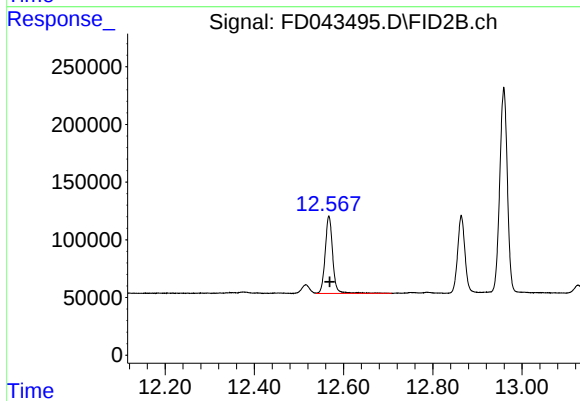
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: -0.004 min
Response: 763369
Conc: 4.96 ug/ml



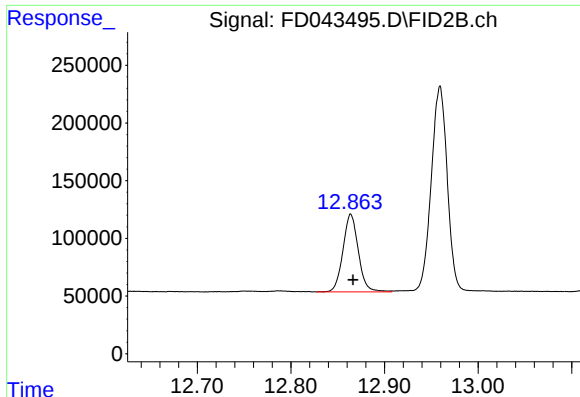
#11 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.001 min
Response: 7267281
Conc: 42.88 ug/ml



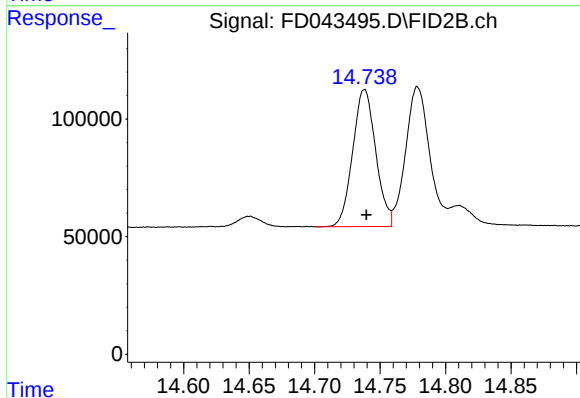
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: -0.002 min
Response: 786322
Conc: 4.96 ug/ml



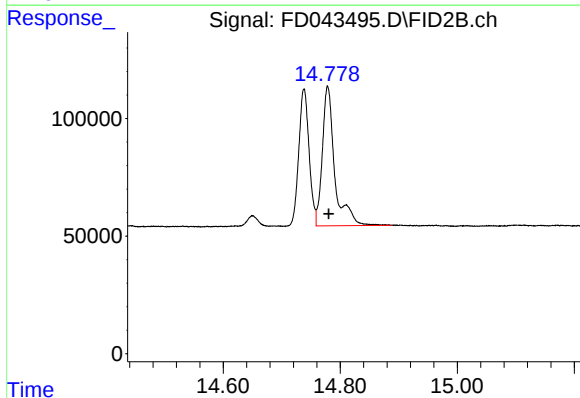
#13 Pyrene (C20.8)

R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 768738
Conc: 4.89 ug/ml



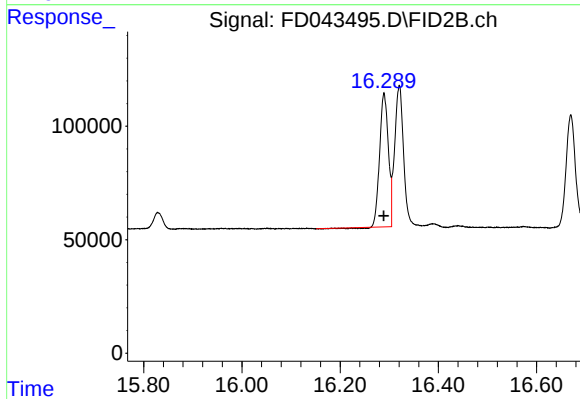
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: -0.002 min
Response: 713859
Conc: 4.84 ug/ml



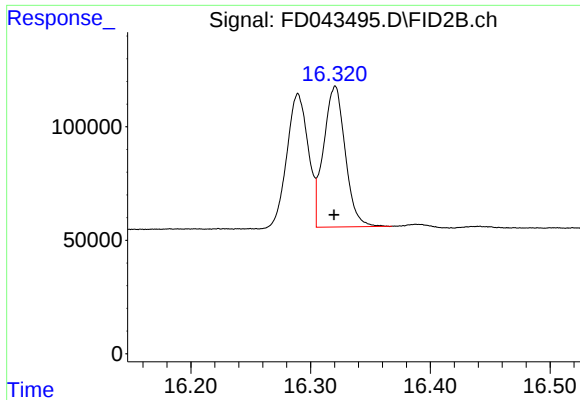
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.001 min
Response: 875471
Conc: 5.60 ug/ml



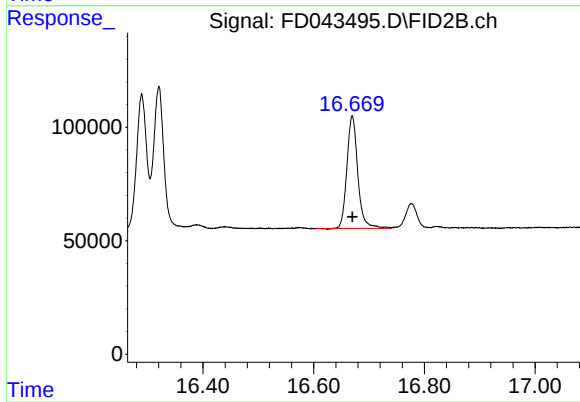
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.290 min
Delta R.T.: 0.000 min
Response: 715928
Conc: 4.79 ug/ml



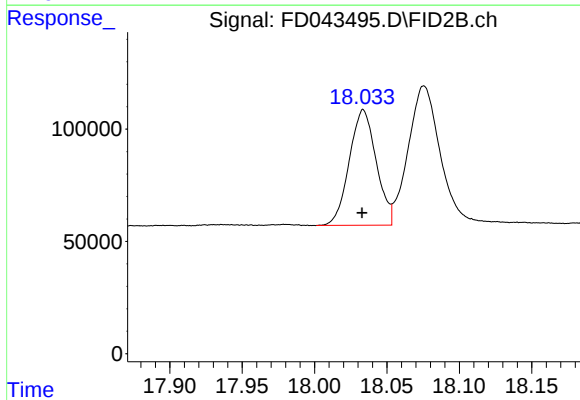
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.000 min
Response: 777073
Conc: 5.18 ug/ml



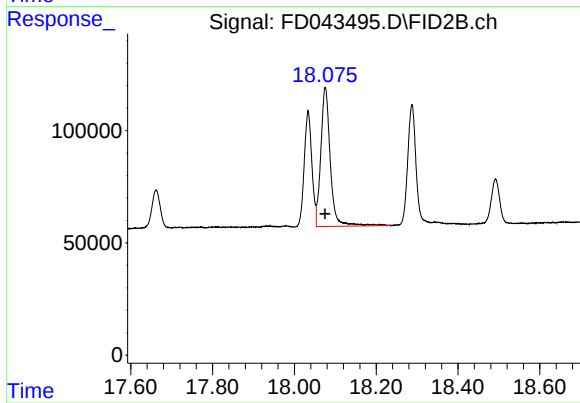
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: 0.000 min
Response: 681279
Conc: 4.82 ug/ml



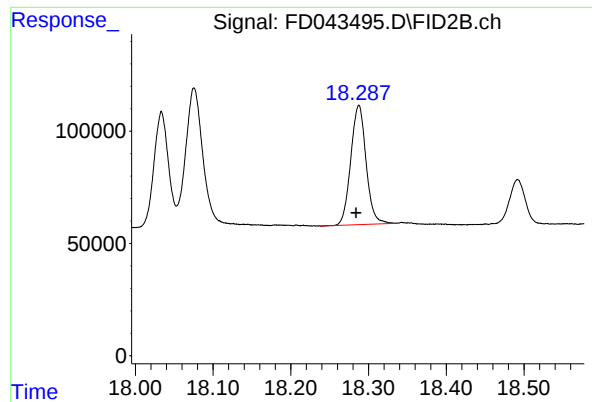
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.000 min
Response: 666172
Conc: 5.64 ug/ml



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

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 1000586
Conc: 7.05 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.003 min
Response: 726411
Conc: 5.59 ug/ml