

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080922AR\
 Data File : FD043523.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2022 14:20
 Operator : YP/AJ
 Sample : N4056-01DL2 40X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 14:44:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.611	294728	2.084 ug/ml
Spiked Amount 50.000		Recovery =	4.17%
6) S 2-Fluorobiphenyl (SURR)	8.476	178901	1.882 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	3.76%
11) S ortho-Terphenyl (SURR)	11.521	279267	1.648 ug/ml
Spiked Amount 50.000		Recovery =	3.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.387	60632	0.387 ug/ml
2) T Naphthalene (C11.7)	5.991	292247	1.807 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	594480	4.060 ug/ml
5) T Acenaphthylene (C15.06)	8.330	28043	0.173 ug/ml
7) T Acenaphthene (C15.5)	8.530	47595	0.294 ug/ml
8) T Flouorene (C16.55)	9.364	41692	0.266 ug/ml
9) T Phenanthrene (C19.36)	10.778	169900	1.084 ug/ml
10) T Anthracene (C19.43)	10.839	91122	0.592 ug/ml
12) T Fluoranthene (C21.85)	12.582	73943	0.467 ug/ml
13) T Pyrene (C20.8)	12.868	115280	0.734 ug/ml
14) T Benzo[a]anthracene (C...	14.723	87558	0.593 ug/ml
15) T Chrysene (C27.41)	14.781	43978	0.281 ug/ml
16) T benzo[b]fluoranthene ...	16.284	305505	2.042 ug/ml
17) T Bnezo[k]fluoranthene ...	16.284	305505	2.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	382122	2.703 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	47244	0.400 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	76495	0.539 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	131780	1.013 ug/ml

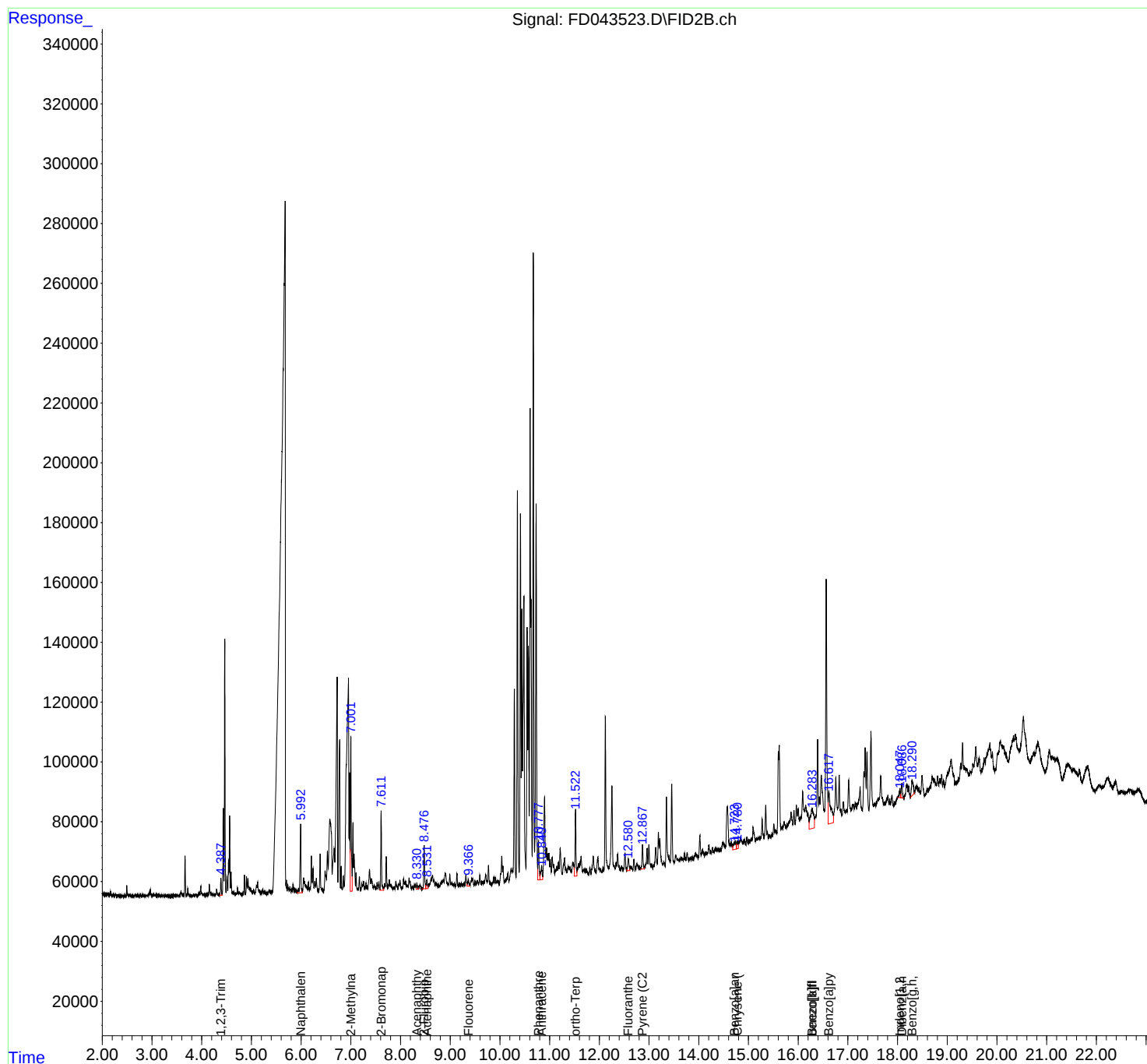
(f)=RT Delta > 1/2 Window

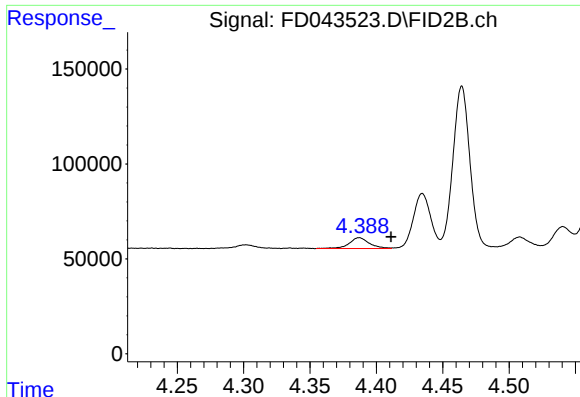
(m)=manual int.

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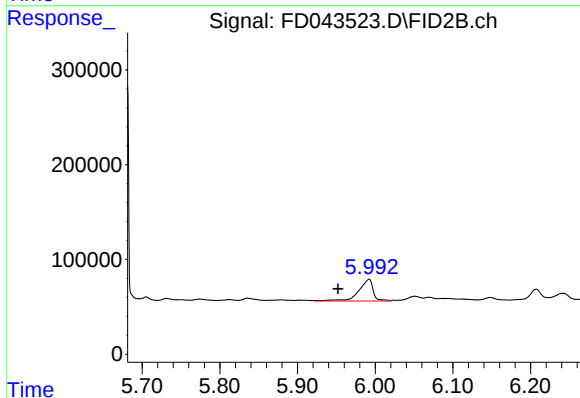
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Signal Info : 20M x 0.18mm x 0.18µm





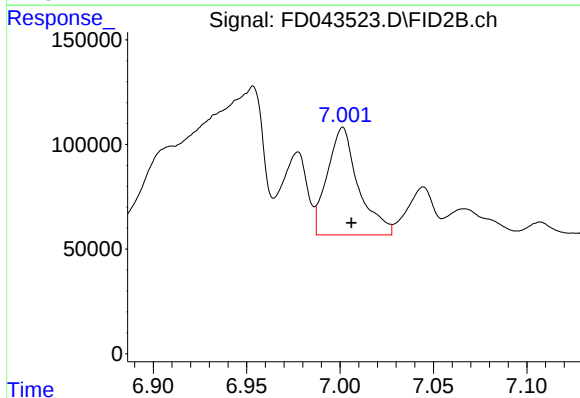
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.387 min
Delta R.T.: -0.024 min
Response: 60632
Conc: 0.39 ug/ml



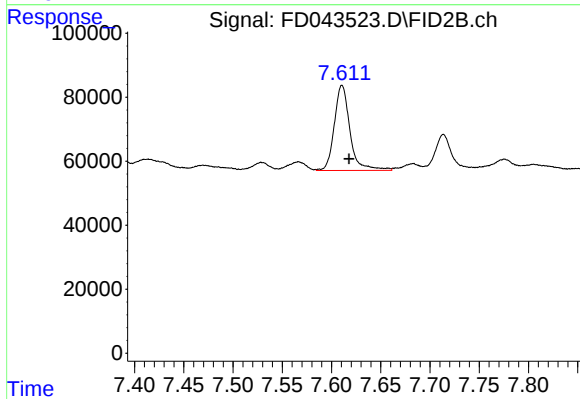
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.039 min
Response: 292247
Conc: 1.81 ug/ml



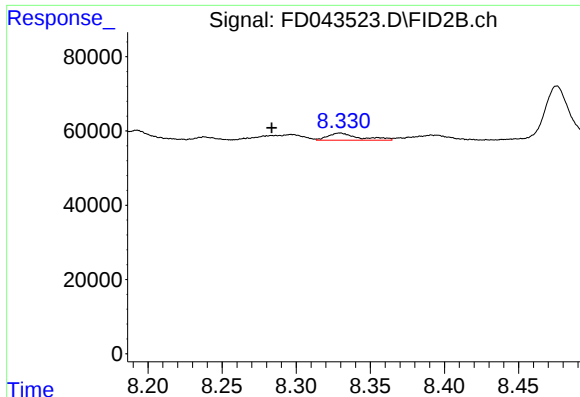
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 594480
Conc: 4.06 ug/ml



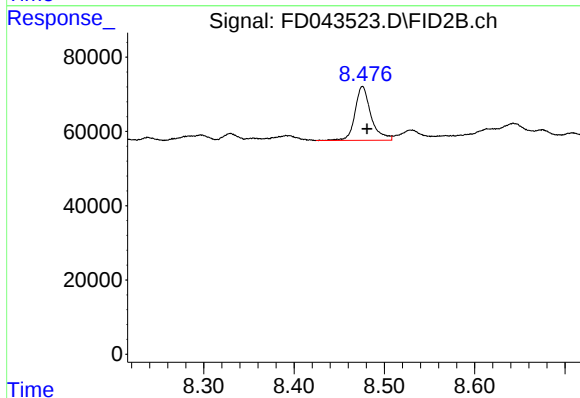
#4 2-Bromonaphthalene (SURR)

R.T.: 7.611 min
Delta R.T.: -0.007 min
Response: 294728
Conc: 2.08 ug/ml



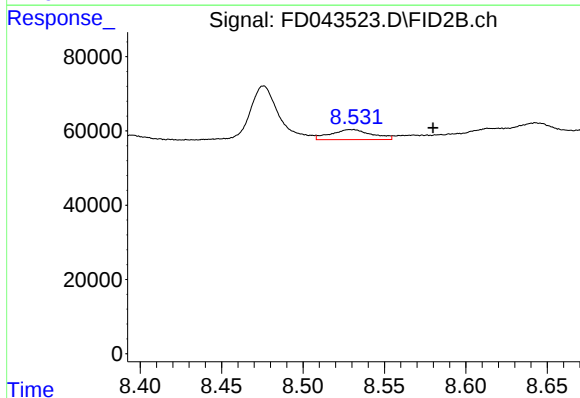
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: 0.046 min
Response: 28043
Conc: 0.17 ug/ml



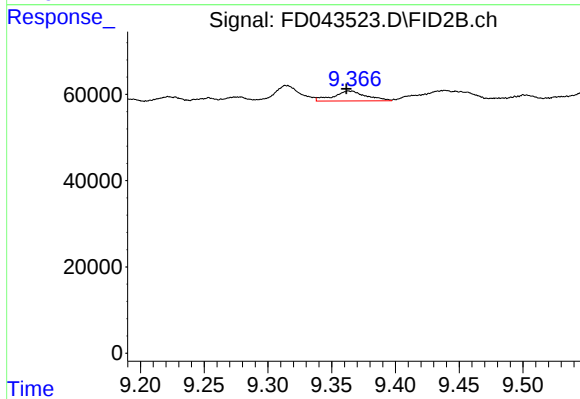
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.476 min
Delta R.T.: -0.005 min
Response: 178901
Conc: 1.88 ug/ml



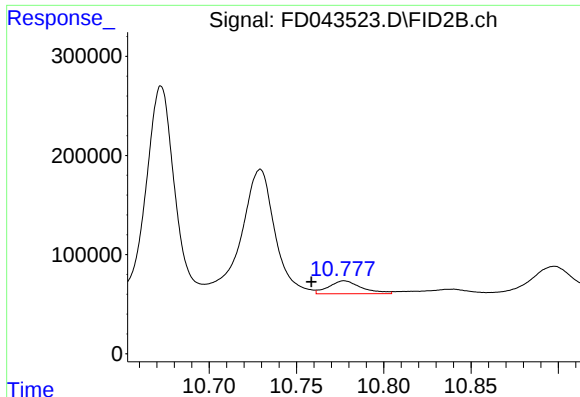
#7 Acenaphthene (C15.5)

R.T.: 8.530 min
Delta R.T.: -0.050 min
Response: 47595
Conc: 0.29 ug/ml



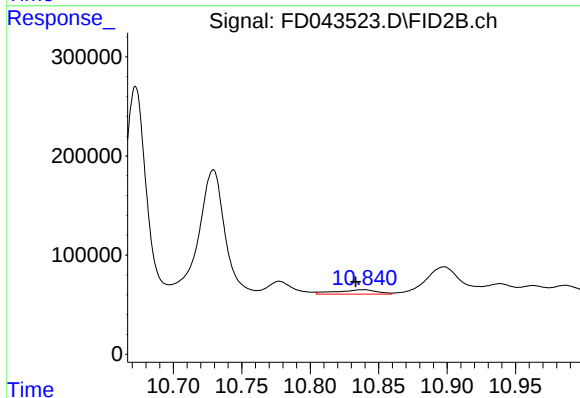
#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 41692
Conc: 0.27 ug/ml



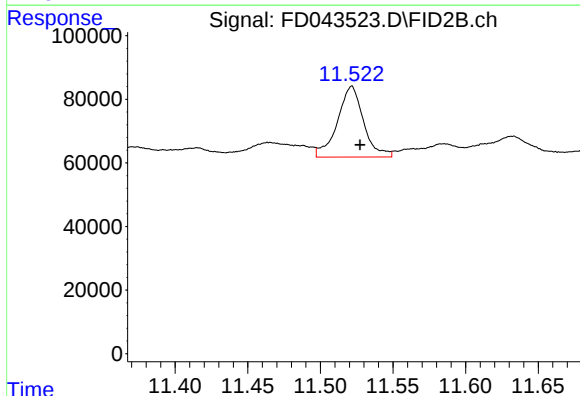
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: 0.019 min
Response: 169900
Conc: 1.08 ug/ml



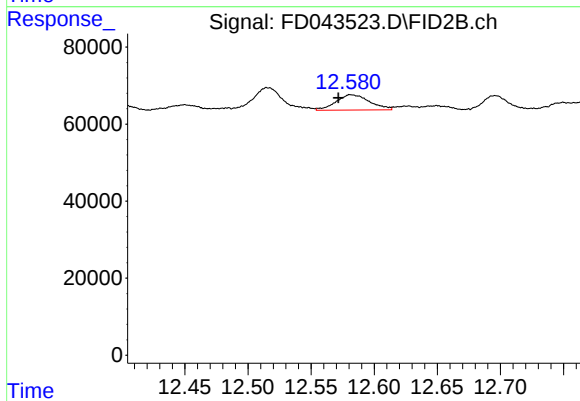
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: 0.005 min
Response: 91122
Conc: 0.59 ug/ml



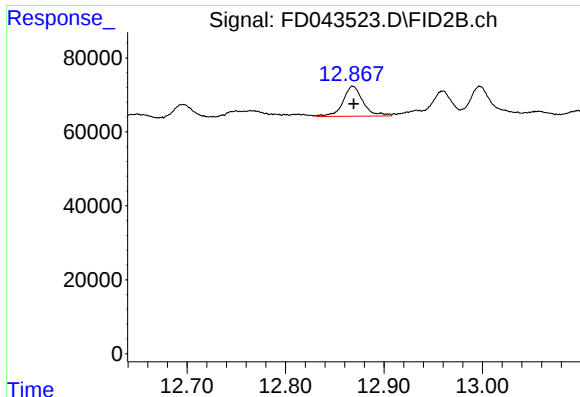
#11 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: -0.006 min
Response: 279267
Conc: 1.65 ug/ml



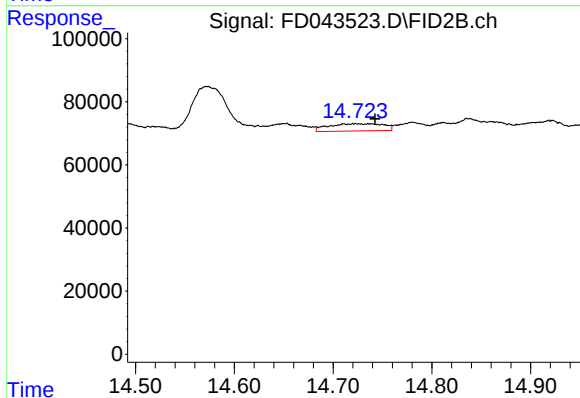
#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: 0.011 min
Response: 73943
Conc: 0.47 ug/ml



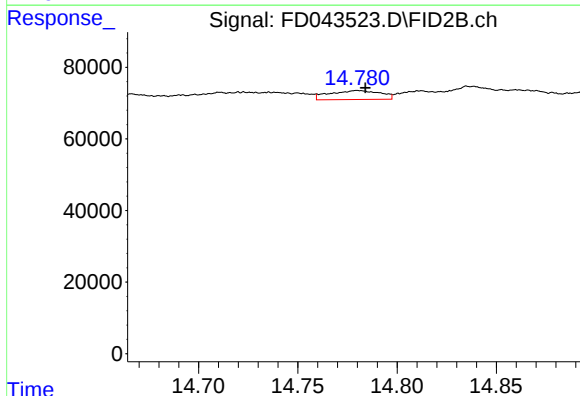
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 115280
Conc: 0.73 ug/ml



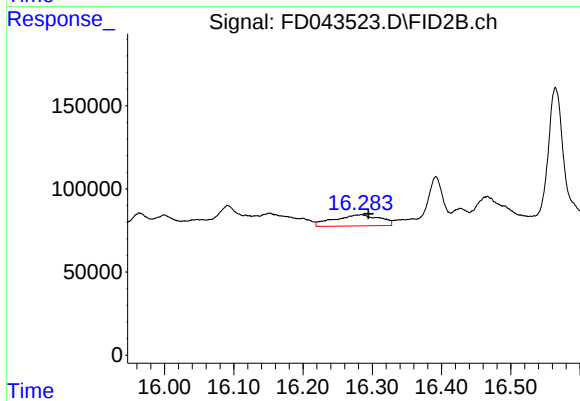
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.723 min
Delta R.T.: -0.019 min
Response: 87558
Conc: 0.59 ug/ml



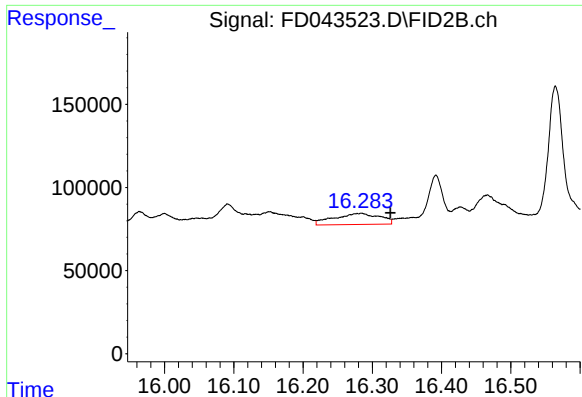
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: -0.004 min
Response: 43978
Conc: 0.28 ug/ml



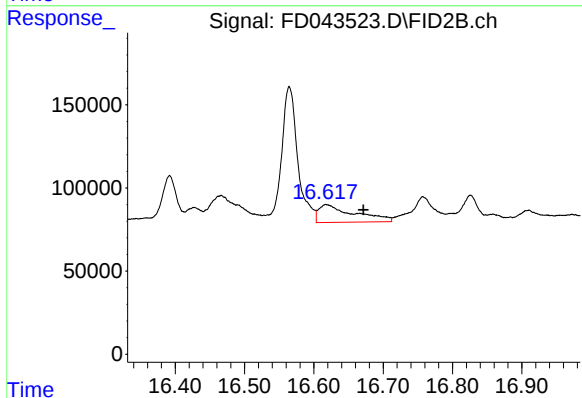
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.284 min
Delta R.T.: -0.011 min
Response: 305505
Conc: 2.04 ug/ml



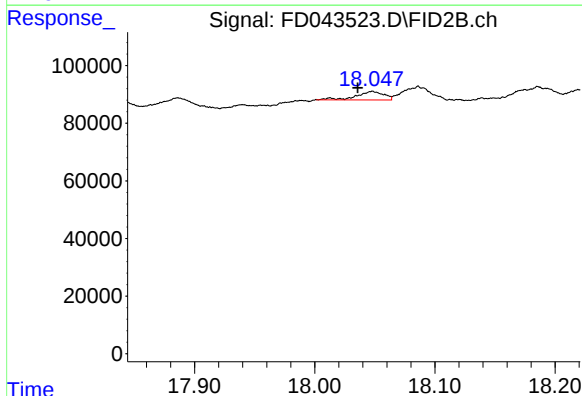
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.284 min
Delta R.T.: -0.043 min
Response: 305505
Conc: 2.04 ug/ml



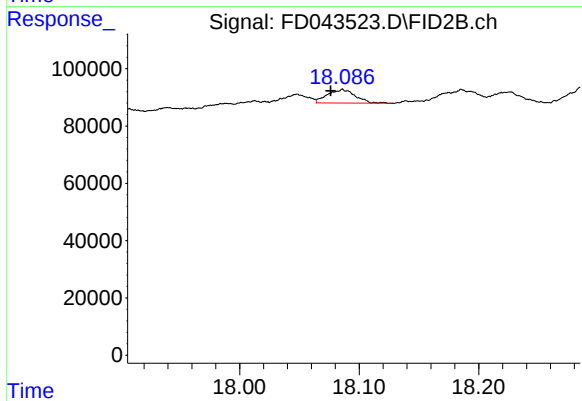
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: -0.053 min
Response: 382122
Conc: 2.70 ug/ml



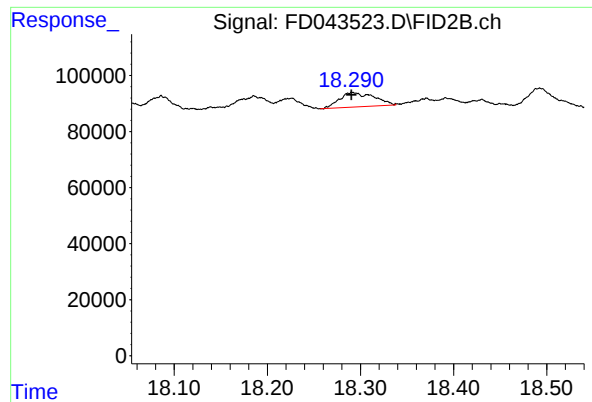
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: 0.012 min
Response: 47244
Conc: 0.40 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.010 min
Response: 76495
Conc: 0.54 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.002 min
Response: 131780
Conc: 1.01 ug/ml