

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014051.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 14:20
 Operator : YP\AJ
 Sample : P1187-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 78 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 02:39:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:40:50 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...	7.923	6577875	56.551 ug/ml
Spiked Amount 50.000		Recovery =	113.10%
6) S 2-Fluorobiphenyl (SURR)	8.794	3793484	51.588 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	103.18%
11) S ortho-Terphenyl (SURR)	11.857	6944475	46.545 ug/ml
Spiked Amount 50.000		Recovery =	93.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	305845	2.442 ug/ml
2) T Naphthalene (C11.7)	6.202	311641	2.471 ug/ml
3) T 2-Methylnaphthalene (...)	7.295	323535	2.549 ug/ml
5) T Acenaphthylene (C15.06)	8.592	366296	3.031 ug/ml
7) T Acenaphthene (C15.5)	8.891	432585	3.251 ug/ml
8) T Fluorene (C16.55)	9.681	339269	2.720 ug/mlm
9) T Phenanthrene (C19.36)	11.085	300765	2.504 ug/ml
10) T Anthracene (C19.43)	11.160	332603	3.171 ug/ml
12) T Fluoranthene (C21.85)	12.902	346218	2.723 ug/ml
13) T Pyrene (C20.8)	13.200	350153	2.841 ug/ml
14) T Benzo[a]anthracene (C...	15.086	225114	2.263 ug/ml
15) T Chrysene (C27.41)	15.126	453993	3.494 ug/ml
16) T benzo[b]fluoranthene ...	16.643	239805	2.233 ug/ml
17) T Bnezo[k]fluoranthene ...	16.675	410897	3.254 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.028	304664	2.762 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.401	187764	2.050 ug/ml
20) T Dibenz[a,h]anthracene...	18.442	400366	3.100 ug/ml
21) T Benzo[g,h,i]perylene ...	18.648	329555	2.830 ug/ml

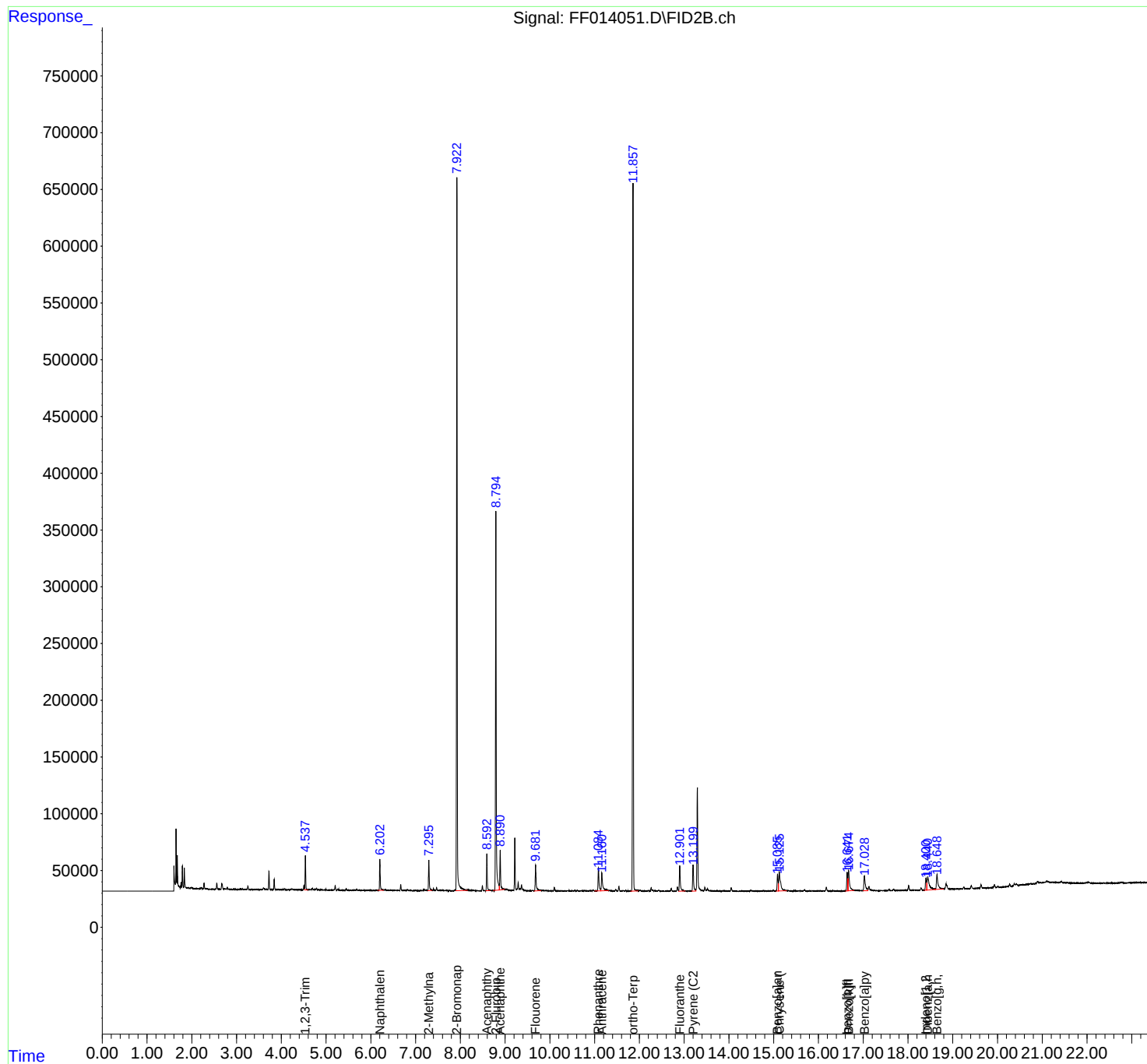
(f)=RT Delta > 1/2 Window

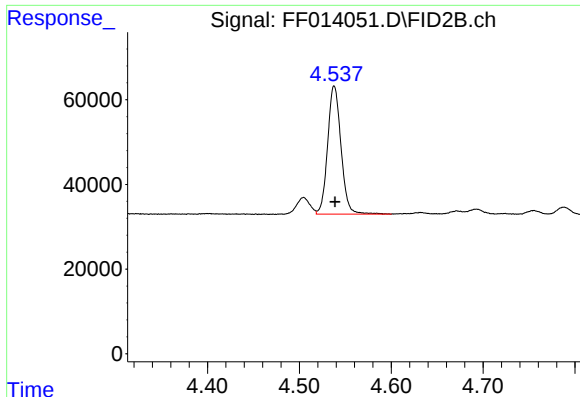
(m)=manual int.

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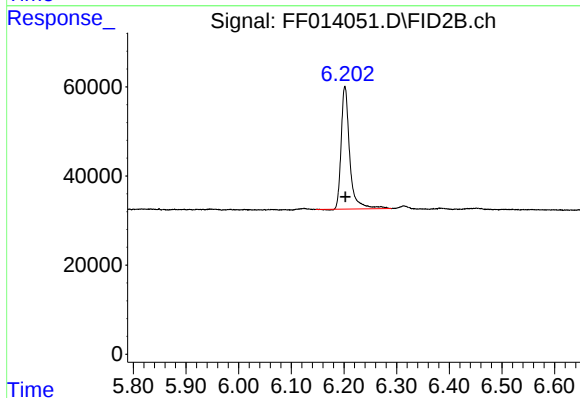
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





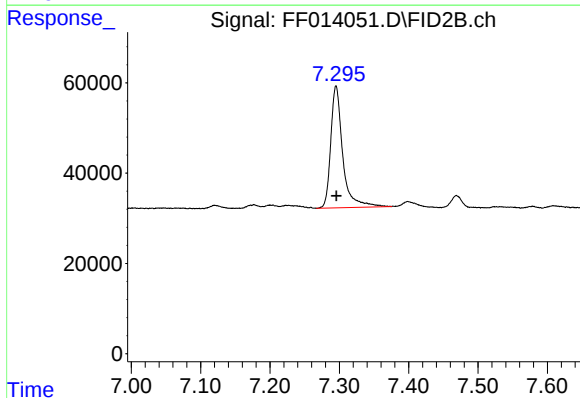
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 305845
Conc: 2.44 ug/ml



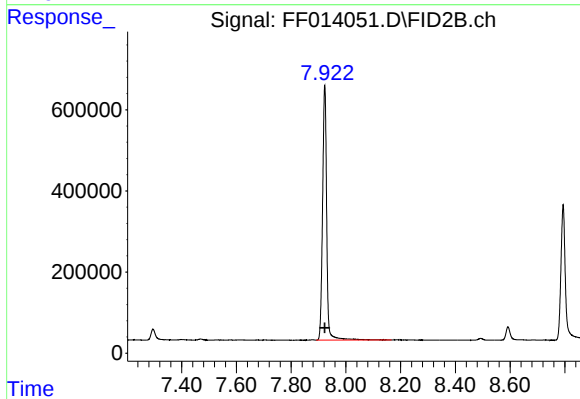
#2 Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 311641
Conc: 2.47 ug/ml



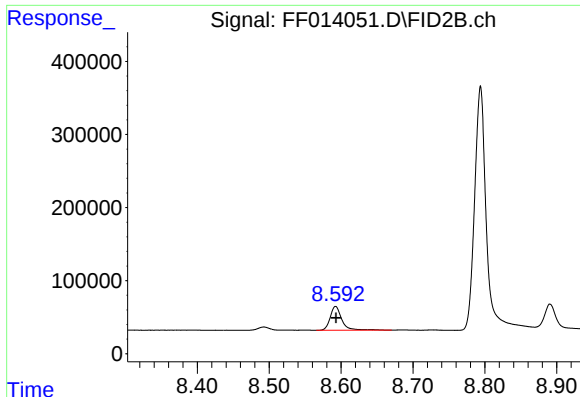
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 323535
Conc: 2.55 ug/ml



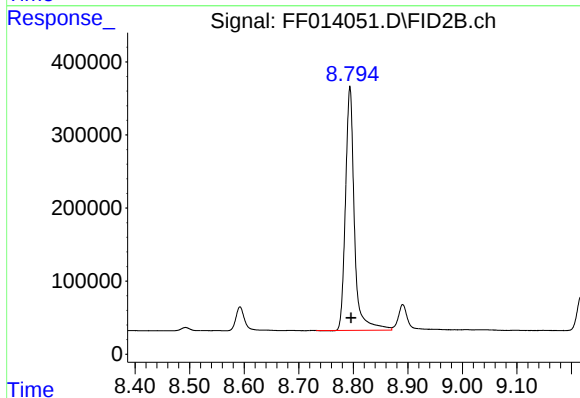
#4 2-Bromonaphthalene (SURR)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 6577875
Conc: 56.55 ug/ml



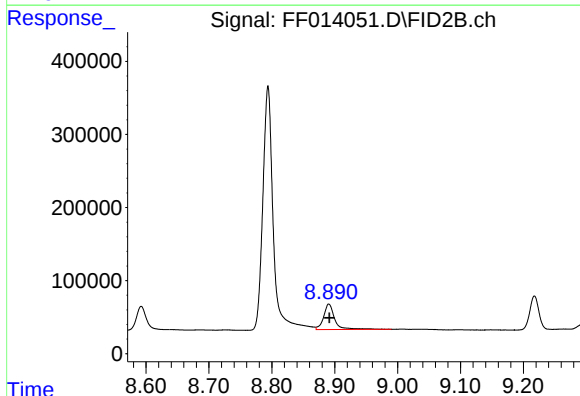
#5 Acenaphthylene (C15.06)

R.T.: 8.592 min
Delta R.T.: 0.000 min
Response: 366296
Conc: 3.03 ug/ml



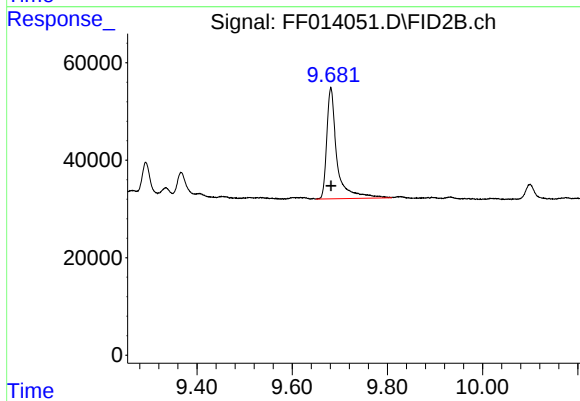
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.794 min
Delta R.T.: -0.002 min
Response: 3793484
Conc: 51.59 ug/ml



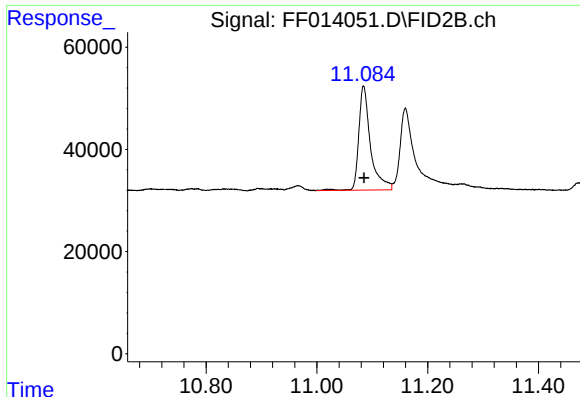
#7 Acenaphthene (C15.5)

R.T.: 8.891 min
Delta R.T.: 0.000 min
Response: 432585
Conc: 3.25 ug/ml



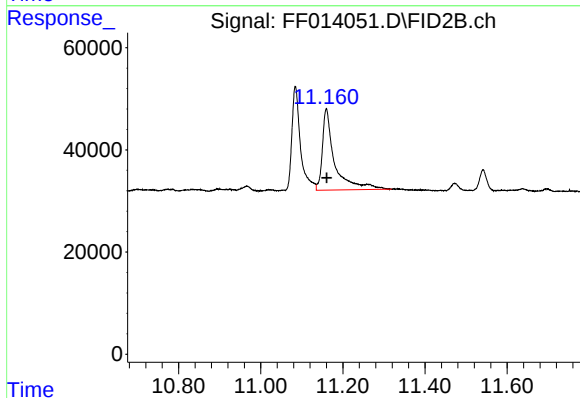
#8 Fluorene (C16.55)

R.T.: 9.681 min
Delta R.T.: 0.000 min
Response: 339269
Conc: 2.72 ug/ml m



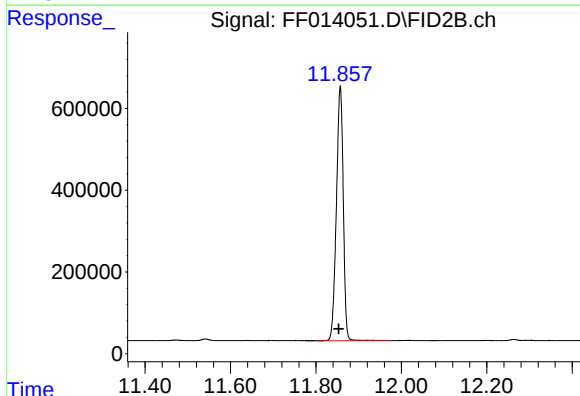
#9 Phenanthrene (C19.36)

R.T.: 11.085 min
Delta R.T.: 0.000 min
Response: 300765
Conc: 2.50 ug/ml



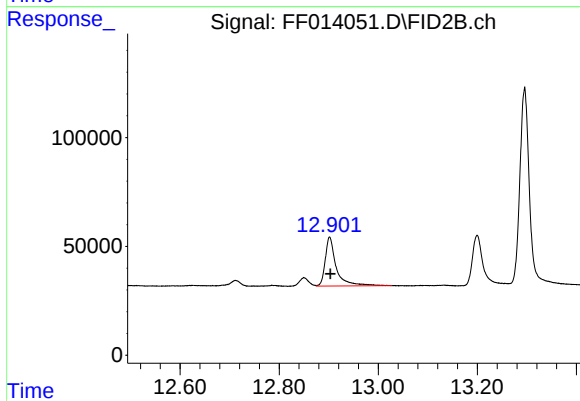
#10 Anthracene (C19.43)

R.T.: 11.160 min
Delta R.T.: 0.000 min
Response: 332603
Conc: 3.17 ug/ml



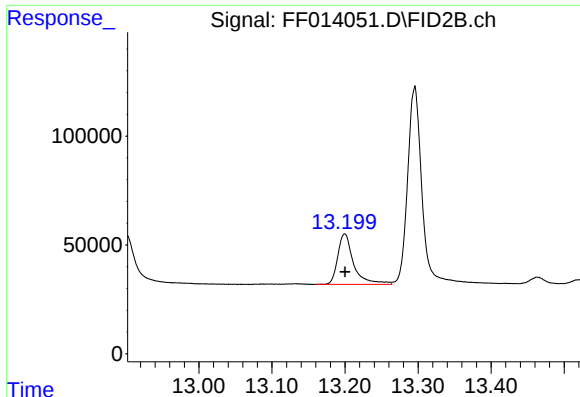
#11 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: 0.003 min
Response: 6944475
Conc: 46.55 ug/ml



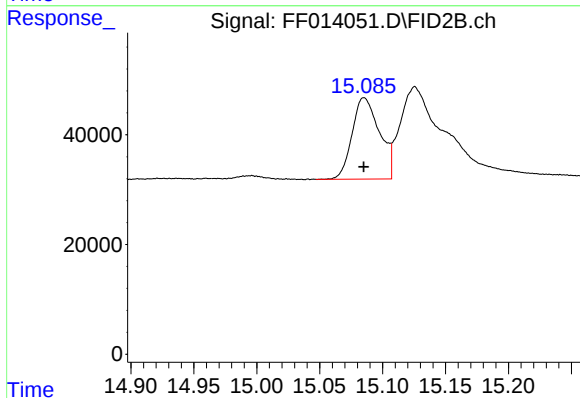
#12 Fluoranthene (C21.85)

R.T.: 12.902 min
Delta R.T.: -0.001 min
Response: 346218
Conc: 2.72 ug/ml



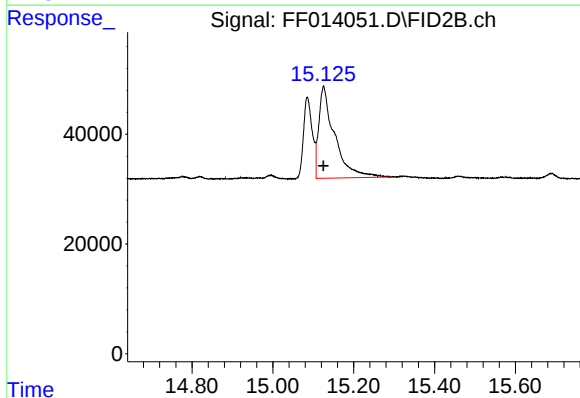
#13 Pyrene (C20.8)

R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 350153
Conc: 2.84 ug/ml



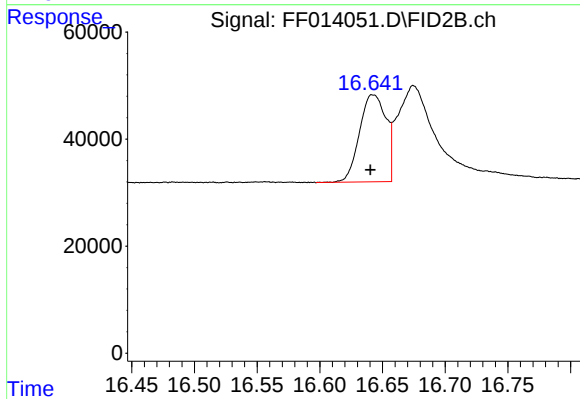
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.086 min
Delta R.T.: 0.000 min
Response: 225114
Conc: 2.26 ug/ml



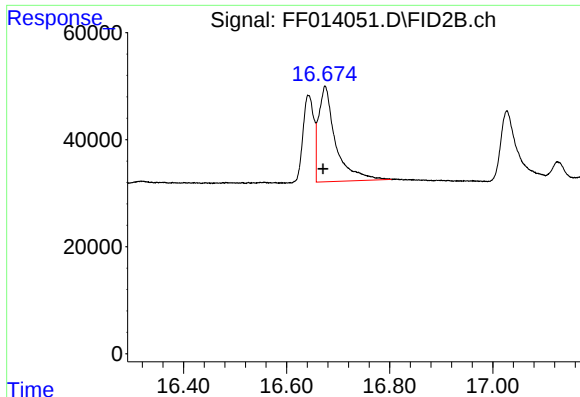
#15 Chrysene (C27.41)

R.T.: 15.126 min
Delta R.T.: 0.000 min
Response: 453993
Conc: 3.49 ug/ml



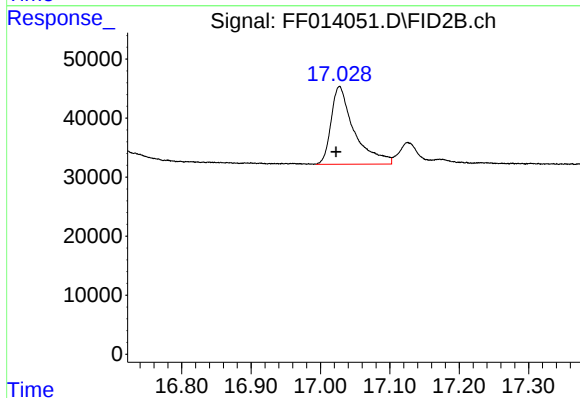
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.643 min
Delta R.T.: 0.002 min
Response: 239805
Conc: 2.23 ug/ml



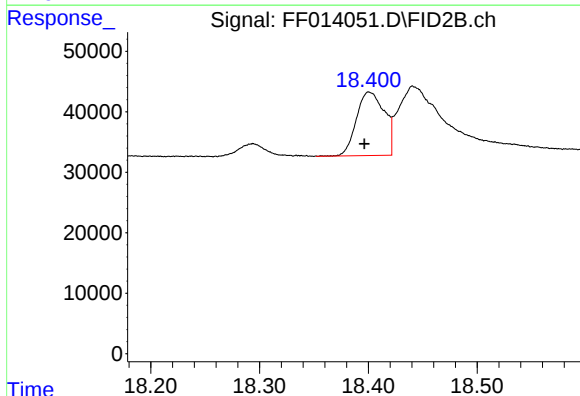
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.675 min
Delta R.T.: 0.004 min
Response: 410897
Conc: 3.25 ug/ml



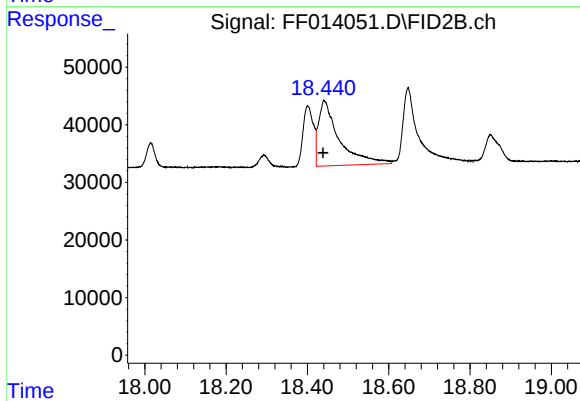
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.028 min
Delta R.T.: 0.005 min
Response: 304664
Conc: 2.76 ug/ml m



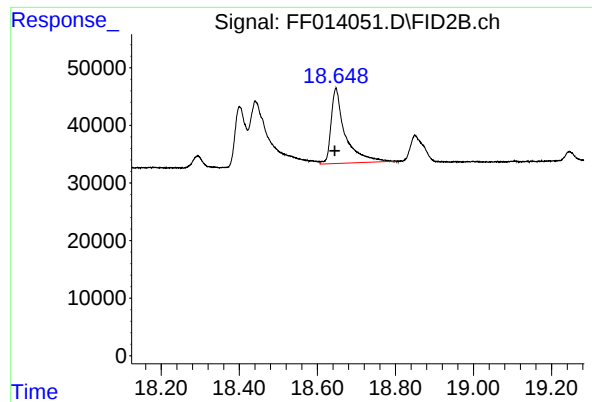
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.401 min
Delta R.T.: 0.005 min
Response: 187764
Conc: 2.05 ug/ml



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

R.T.: 18.442 min
Delta R.T.: 0.003 min
Response: 400366
Conc: 3.10 ug/ml



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

R.T.: 18.648 min
Delta R.T.: 0.003 min
Response: 329555
Conc: 2.83 ug/ml