

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011224AR\
 Data File : FD047134.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jan 2024 12:29
 Operator : YP/AJ
 Sample : P1117-03
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 03:33:48 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	6772054	44.027 ug/ml
Spiked Amount 50.000		Recovery =	88.05%
6) S 2-Fluorobiphenyl (SURR)	8.322	2471837	24.195 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.39%
11) S ortho-Terphenyl (SURR)	11.362	8232438	46.205 ug/ml
Spiked Amount 50.000		Recovery =	92.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	27035	0.174 ug/ml
3) T 2-Methylnaphthalene (...)	6.870	131371	0.775 ug/ml
5) T Acenaphthylene (C15.06)	8.131	50643	0.327 ug/ml
7) T Acenaphthene (C15.5)	8.384	184960	1.120 ug/ml
8) T Flouorene (C16.55)	9.213	74324	0.466 ug/ml
9) T Phenanthrene (C19.36)	10.594	93717	0.592 ug/ml
10) T Anthracene (C19.43)	10.594	93717	0.611 ug/ml
12) T Fluoranthene (C21.85)	12.393	177613	1.113 ug/ml
13) T Pyrene (C20.8)	12.686	122750	0.794 ug/ml
14) T Benzo[a]anthracene (C...	14.553	64879	0.462 ug/ml
15) T Chrysene (C27.41)	14.593	77980	0.503 ug/ml
16) T benzo[b]fluoranthene ...	16.095	78228	0.539 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	34988	0.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	61124	0.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.825	303279	2.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	303279	2.139 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	41239	0.301 ug/ml

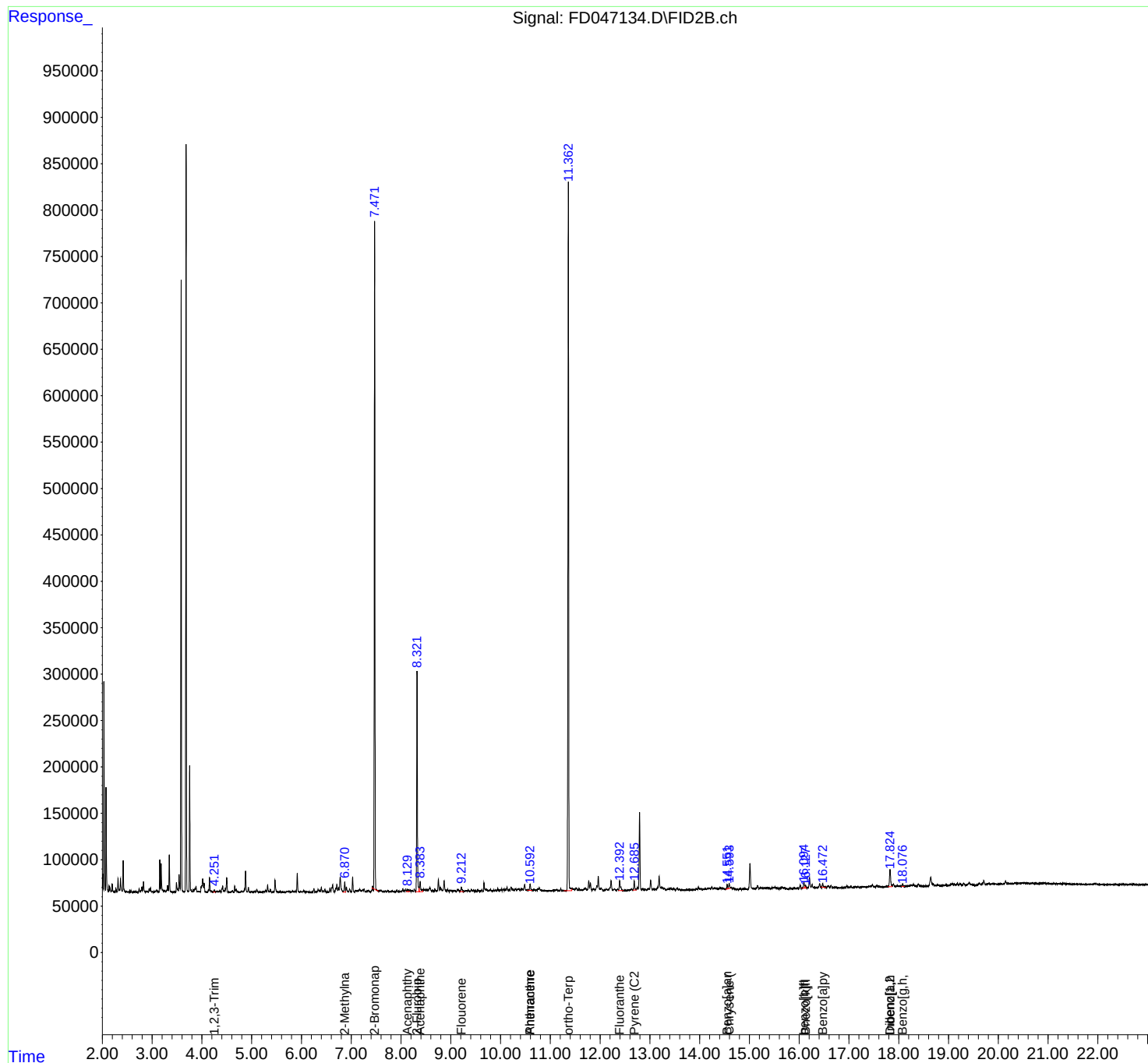
(f)=RT Delta > 1/2 Window

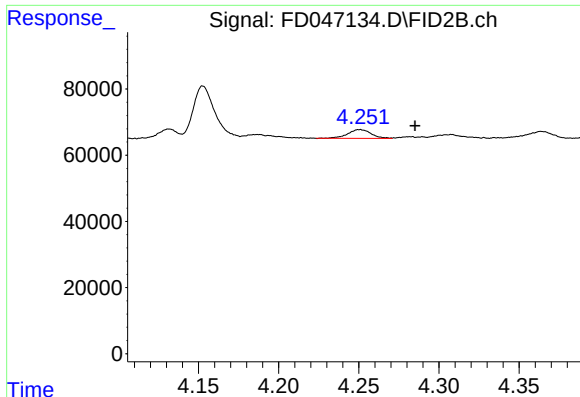
(m)=manual int.

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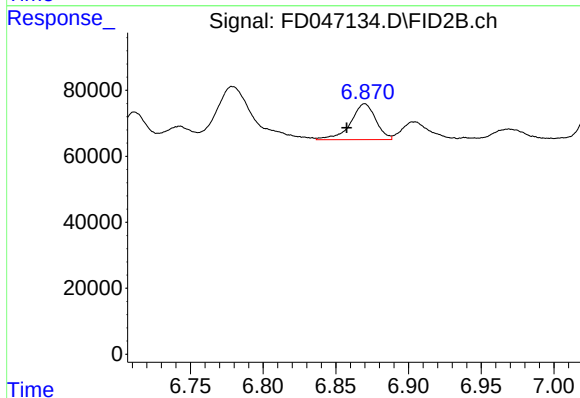
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





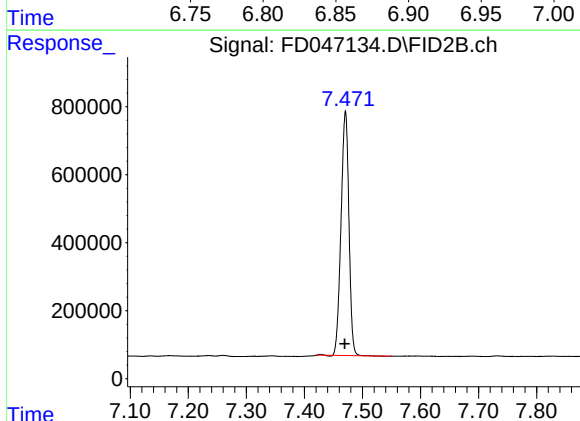
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.251 min
Delta R.T.: -0.034 min
Response: 27035
Conc: 0.17 ug/ml



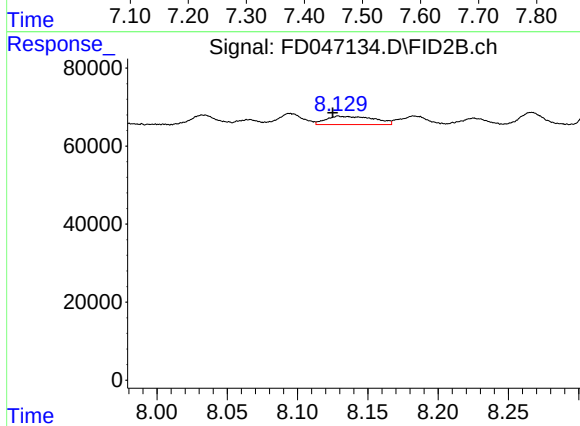
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.870 min
Delta R.T.: 0.012 min
Response: 131371
Conc: 0.77 ug/ml



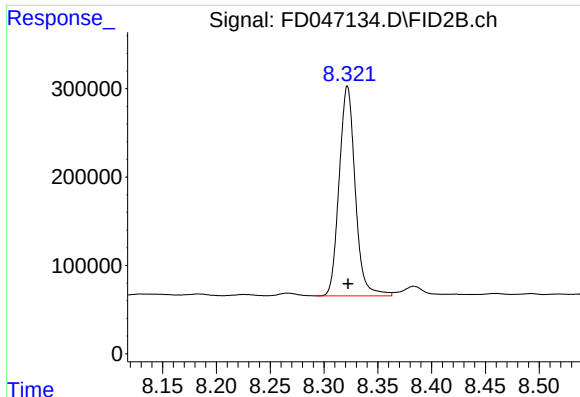
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 6772054
Conc: 44.03 ug/ml



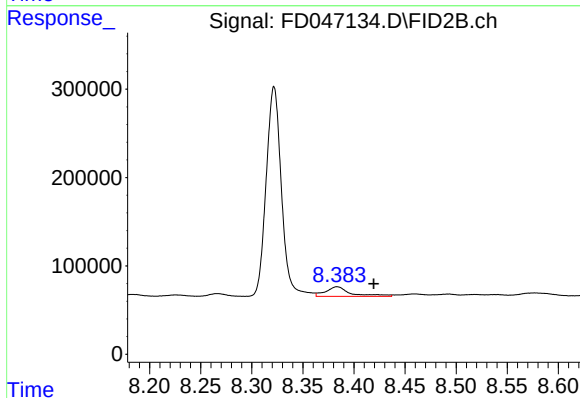
#5 Acenaphthylene (C15.06)

R.T.: 8.131 min
Delta R.T.: 0.006 min
Response: 50643
Conc: 0.33 ug/ml



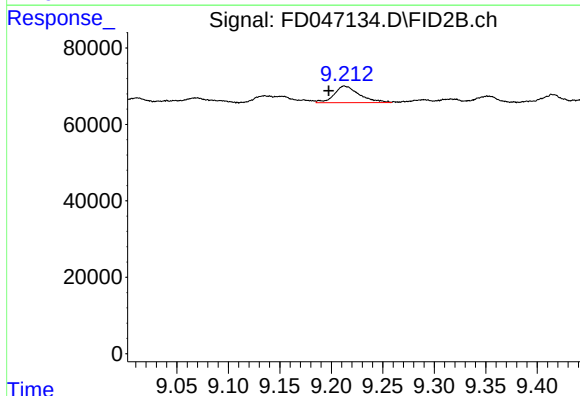
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 2471837
Conc: 24.20 ug/ml



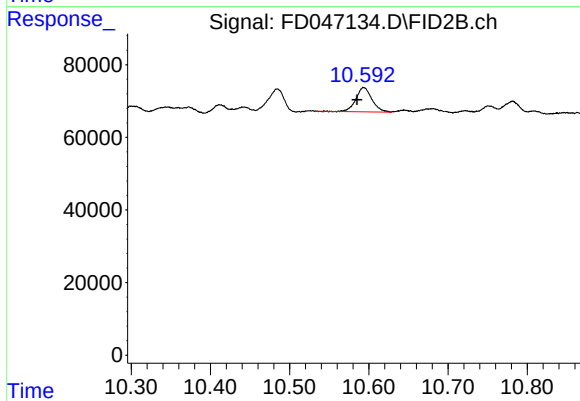
#7 Acenaphthene (C15.5)

R.T.: 8.384 min
Delta R.T.: -0.036 min
Response: 184960
Conc: 1.12 ug/ml



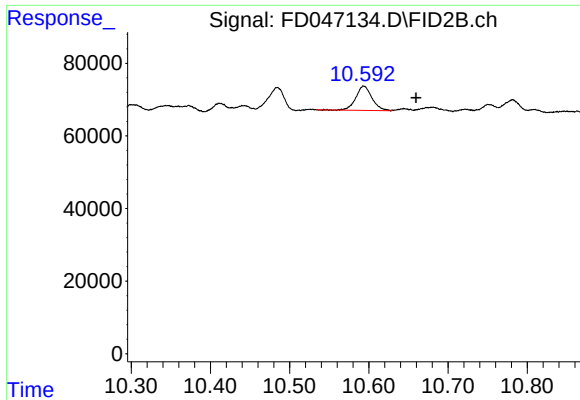
#8 Flouorene (C16.55)

R.T.: 9.213 min
Delta R.T.: 0.016 min
Response: 74324
Conc: 0.47 ug/ml



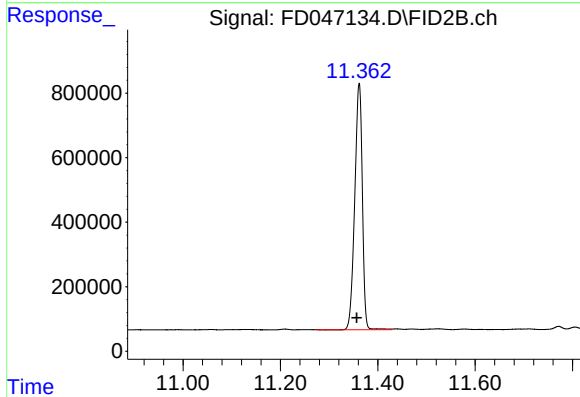
#9 Phenanthrene (C19.36)

R.T.: 10.594 min
Delta R.T.: 0.009 min
Response: 93717
Conc: 0.59 ug/ml



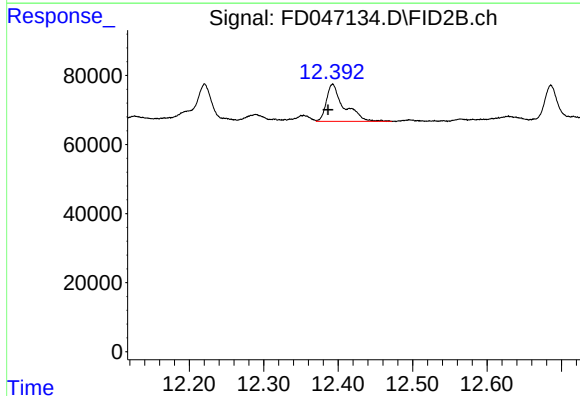
#10 Anthracene (C19.43)

R.T.: 10.594 min
Delta R.T.: -0.066 min
Response: 93717
Conc: 0.61 ug/ml



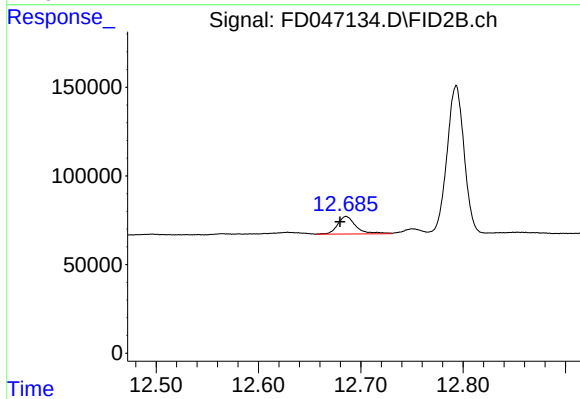
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.005 min
Response: 8232438
Conc: 46.21 ug/ml



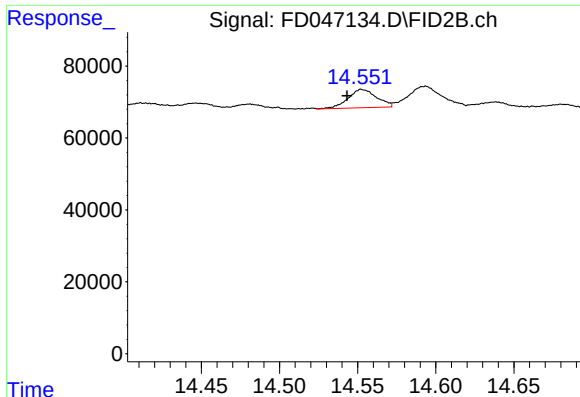
#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.006 min
Response: 177613
Conc: 1.11 ug/ml



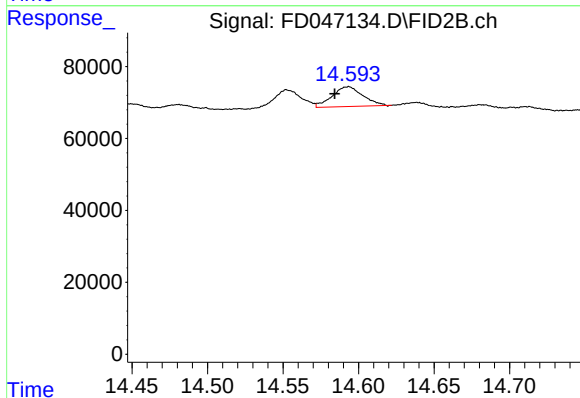
#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.006 min
Response: 122750
Conc: 0.79 ug/ml



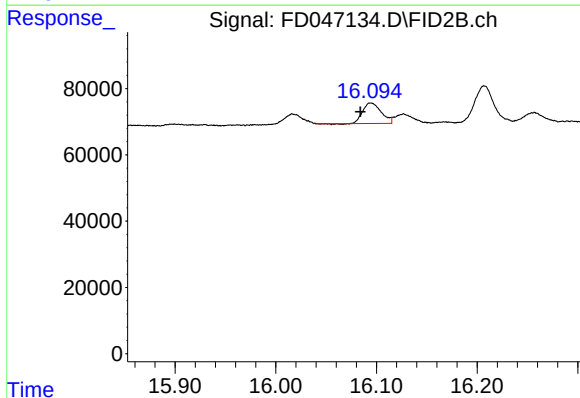
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.010 min
Response: 64879
Conc: 0.46 ug/ml



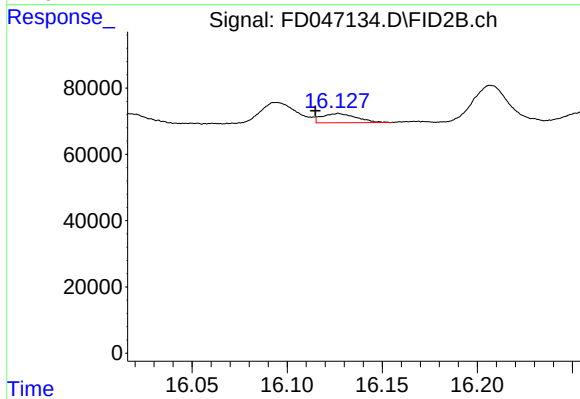
#15 Chrysene (C27.41)

R.T.: 14.593 min
Delta R.T.: 0.009 min
Response: 77980
Conc: 0.50 ug/ml



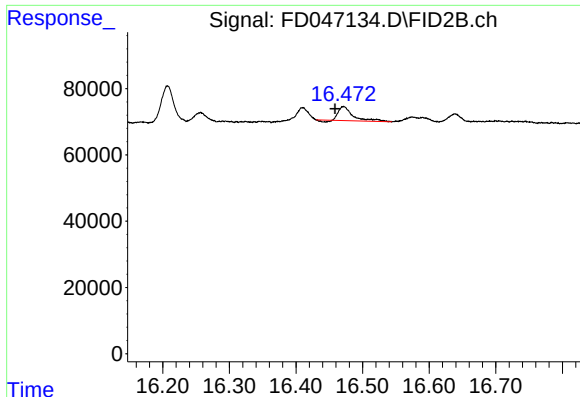
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: 0.011 min
Response: 78228
Conc: 0.54 ug/ml



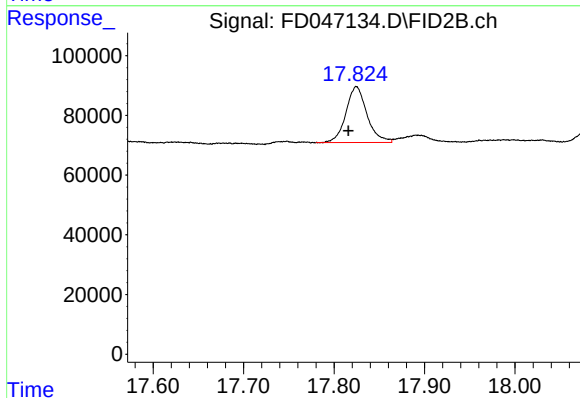
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: 0.012 min
Response: 34988
Conc: 0.24 ug/ml



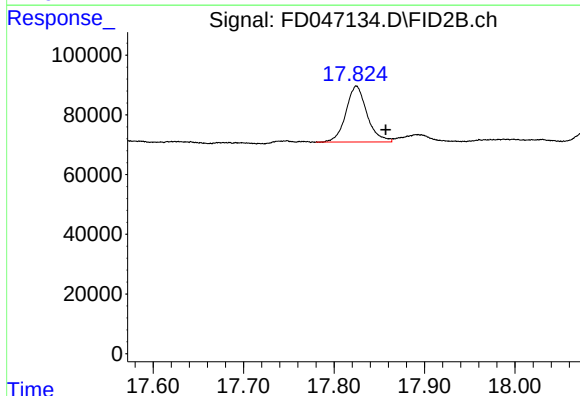
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.013 min
Response: 61124
Conc: 0.43 ug/ml



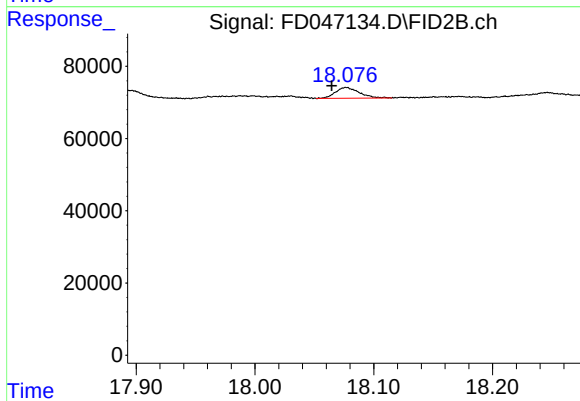
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.825 min
Delta R.T.: 0.009 min
Response: 303279
Conc: 2.35 ug/ml



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

R.T.: 17.825 min
Delta R.T.: -0.033 min
Response: 303279
Conc: 2.14 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.012 min
Response: 41239
Conc: 0.30 ug/ml