

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011023AR\
 Data File : FD044750.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jan 2023 18:23
 Operator : YP/AJ
 Sample : 01052-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 06:32:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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...	7.675	23664938	164.107 ug/ml
Spiked Amount 50.000		Recovery =	328.21%
6) S 2-Fluorobiphenyl (SURR)	8.536	21317045	219.603 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	439.21%#
11) S ortho-Terphenyl (SURR)	11.563	11992291	66.561 ug/ml
Spiked Amount 50.000		Recovery =	133.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.484	7794723	48.446 ug/ml
2) T Naphthalene (C11.7)	6.018	11267846	67.134 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	61966294	368.542 ug/ml
5) T Acenaphthylene (C15.06)	8.330	32460496	214.015 ug/ml
7) T Acenaphthene (C15.5)	8.597	9821162	60.583 ug/ml
8) T Fluorene (C16.55)	9.411	11781547	73.922 ug/ml
9) T Phenanthrene (C19.36)	10.802	24340500	155.100 ug/ml
10) T Anthracene (C19.43)	10.877	16848806	133.986 ug/ml
12) T Fluoranthene (C21.85)	12.598	17588219	112.002 ug/ml
13) T Pyrene (C20.8)	12.889	11367030	74.254 ug/ml
14) T Benzo[a]anthracene (C...	14.737	685907	4.824 ug/ml
15) T Chrysene (C27.41)	14.776	598842	3.949 ug/ml
16) T benzo[b]fluoranthene ...	16.269	85157	0.566 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	181144	1.196 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.644	228061	1.572 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	946848	6.696 ug/ml
20) T Dibenz[a,h]anthracene...	18.040	1118839	7.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	1028109	7.237 ug/ml

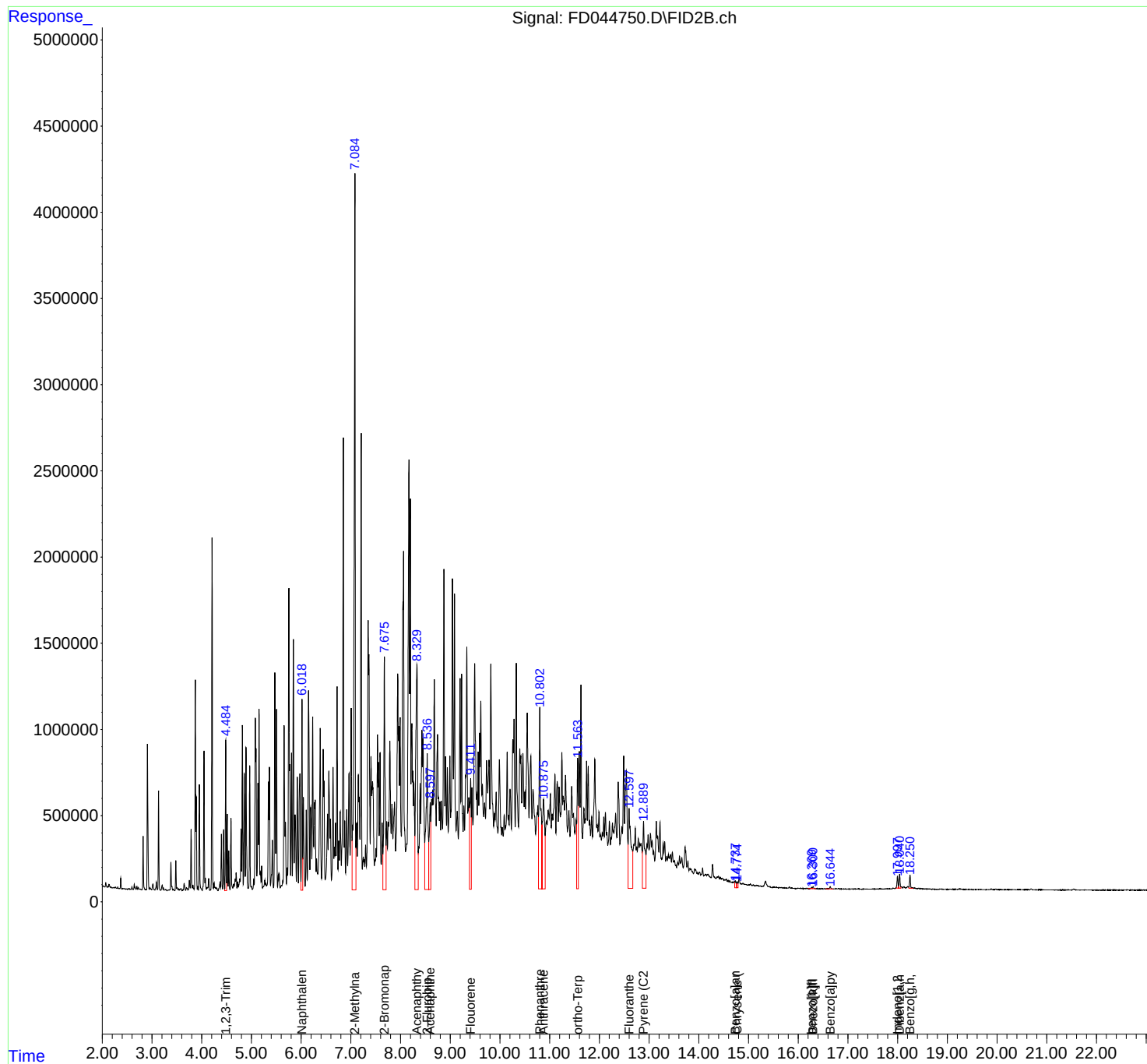
(f)=RT Delta > 1/2 Window

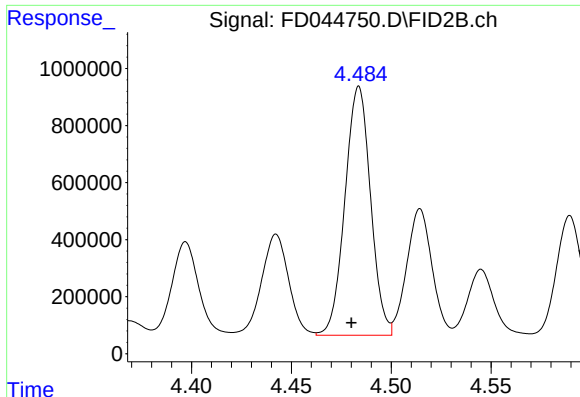
(m)=manual int.

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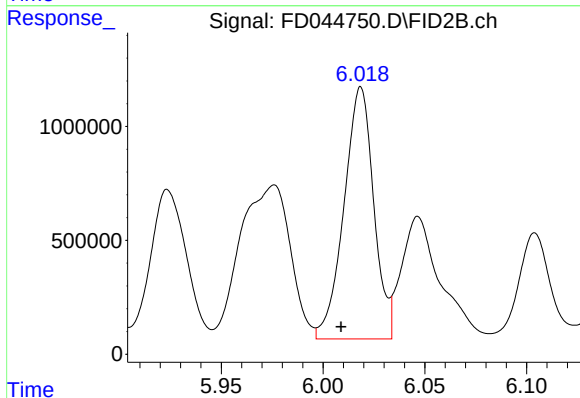
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





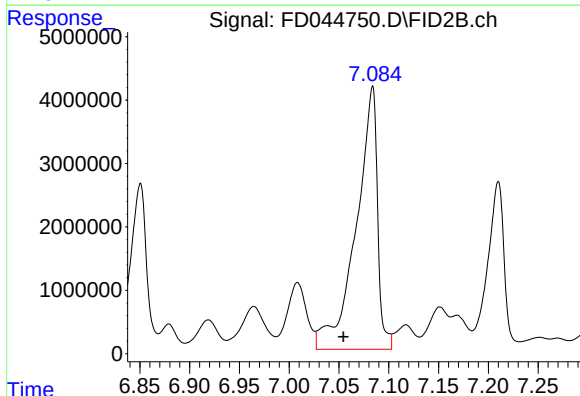
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.484 min
Delta R.T.: 0.004 min
Response: 7794723
Conc: 48.45 ug/ml



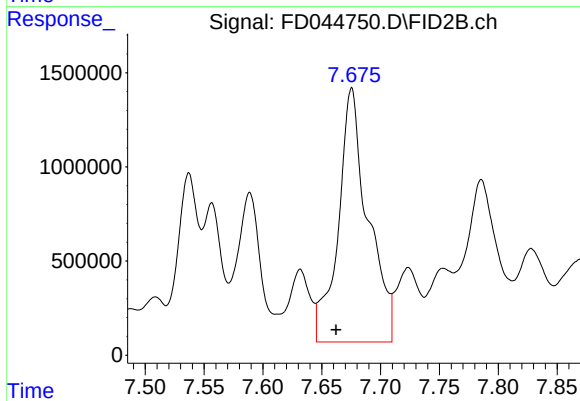
#2 Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.009 min
Response: 11267846
Conc: 67.13 ug/ml



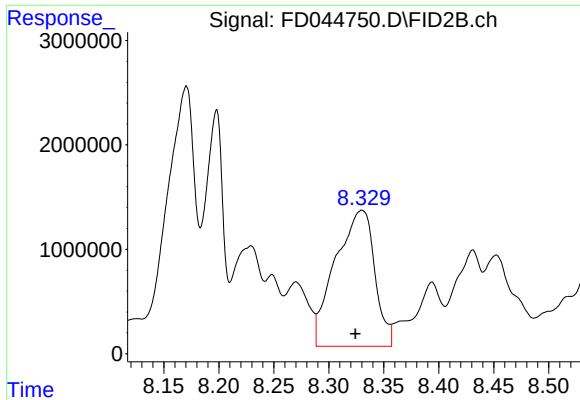
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: 0.028 min
Response: 61966294
Conc: 368.54 ug/ml



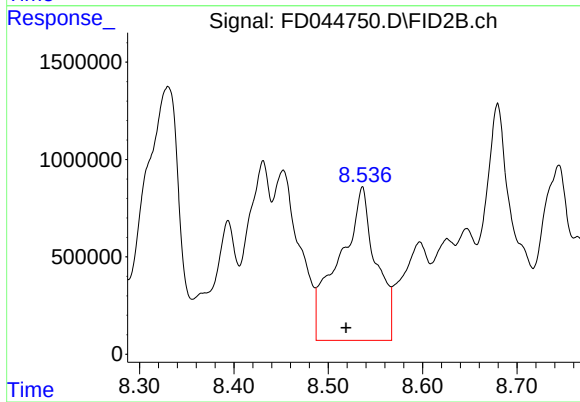
#4 2-Bromonaphthalene (SURR)

R.T.: 7.675 min
Delta R.T.: 0.013 min
Response: 23664938
Conc: 164.11 ug/ml



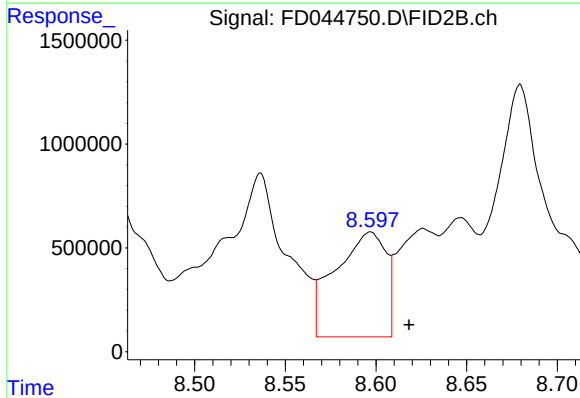
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min
Delta R.T.: 0.006 min
Response: 32460496
Conc: 214.02 ug/ml



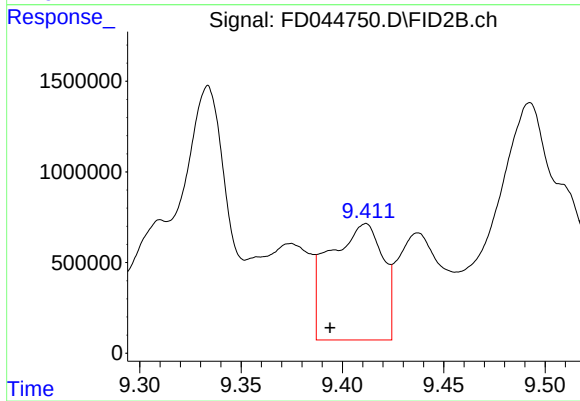
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: 0.017 min
Response: 21317045
Conc: 219.60 ug/ml



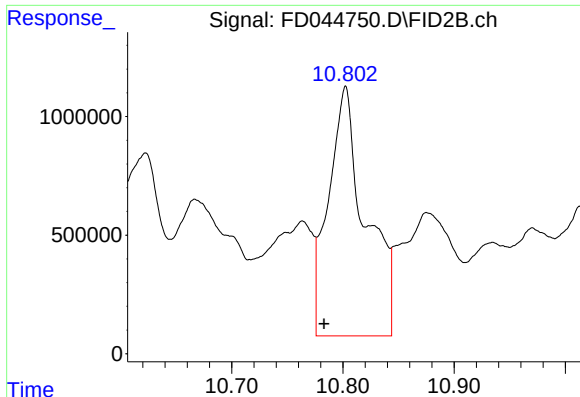
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: -0.021 min
Response: 9821162
Conc: 60.58 ug/ml



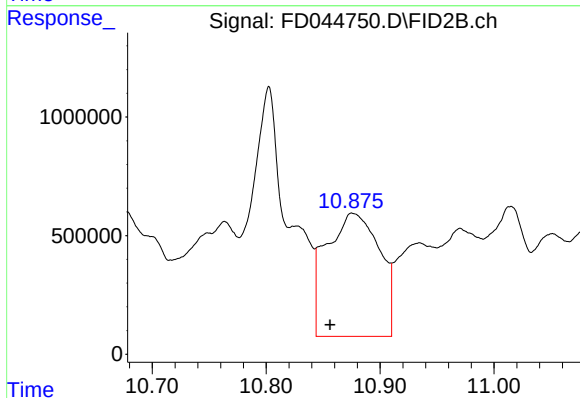
#8 Flouorene (C16.55)

R.T.: 9.411 min
Delta R.T.: 0.017 min
Response: 11781547
Conc: 73.92 ug/ml



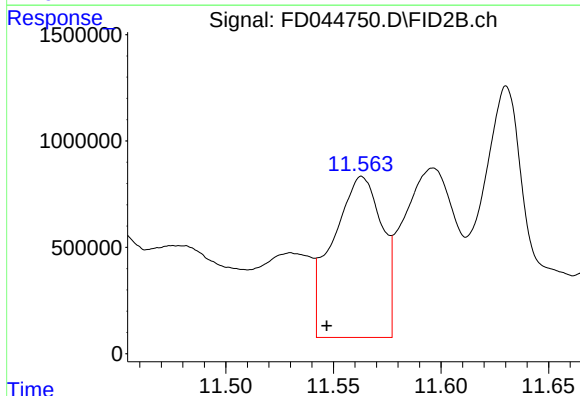
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: 0.019 min
Response: 24340500
Conc: 155.10 ug/ml



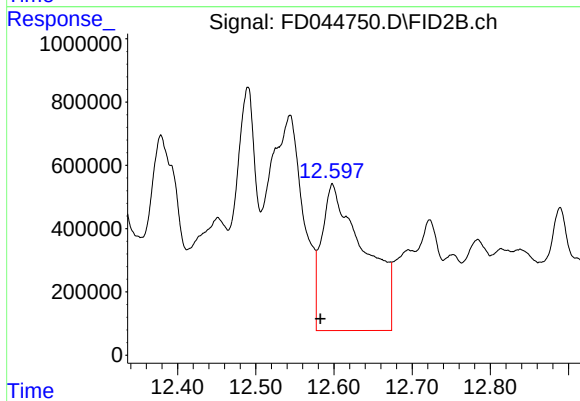
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: 0.020 min
Response: 16848806
Conc: 133.99 ug/ml



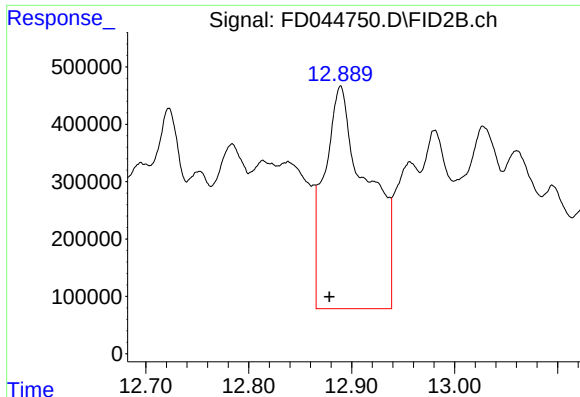
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: 0.016 min
Response: 11992291
Conc: 66.56 ug/ml



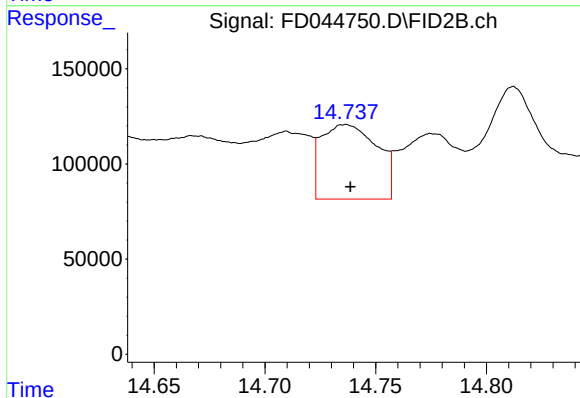
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: 0.016 min
Response: 17588219
Conc: 112.00 ug/ml



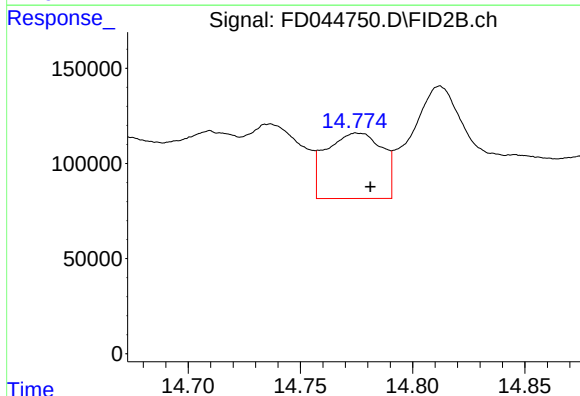
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: 0.011 min
Response: 11367030
Conc: 74.25 ug/ml



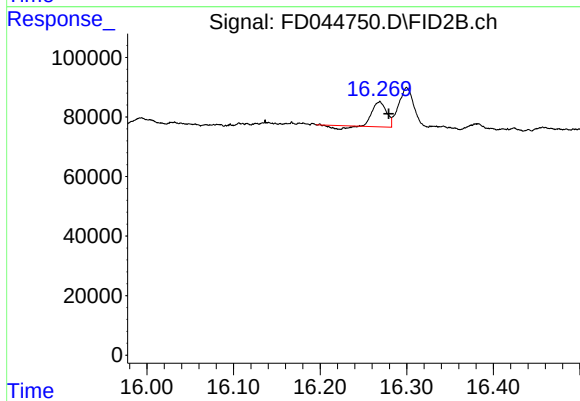
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: -0.002 min
Response: 685907
Conc: 4.82 ug/ml



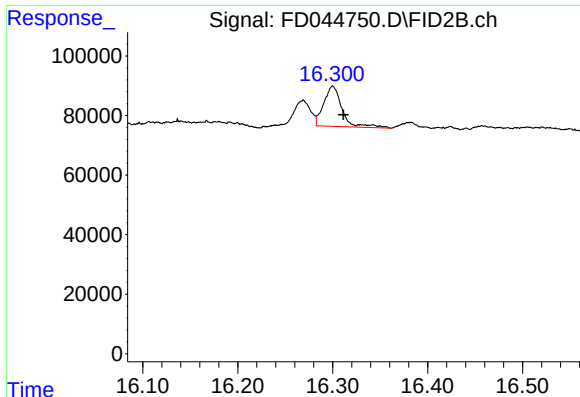
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.006 min
Response: 598842
Conc: 3.95 ug/ml



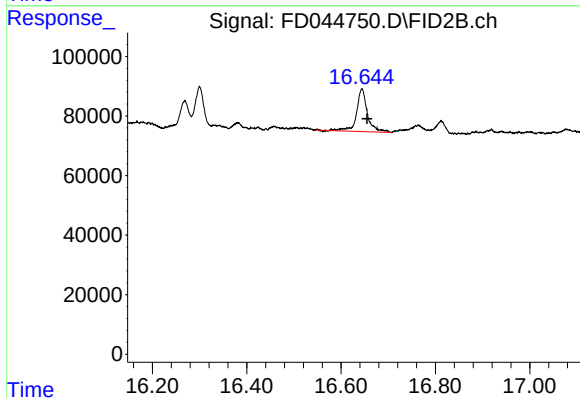
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.269 min
Delta R.T.: -0.010 min
Response: 85157
Conc: 0.57 ug/ml



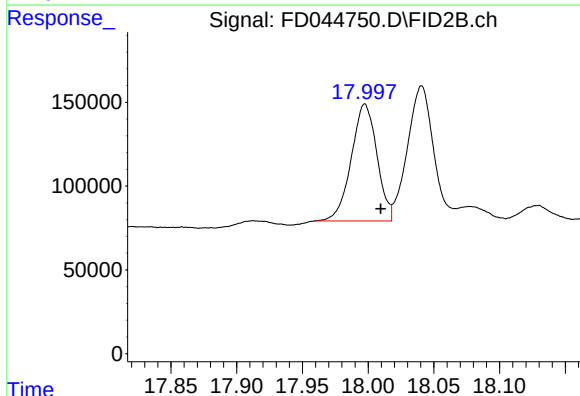
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: -0.011 min
Response: 181144
Conc: 1.20 ug/ml



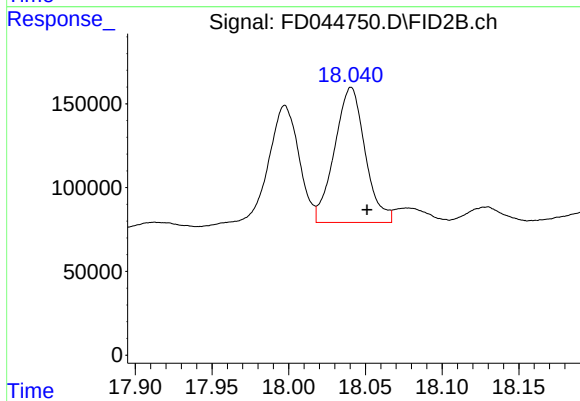
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min
Delta R.T.: -0.011 min
Response: 228061
Conc: 1.57 ug/ml



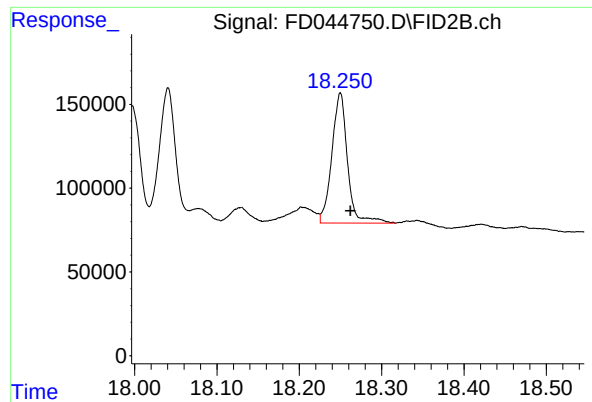
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.998 min
Delta R.T.: -0.012 min
Response: 946848
Conc: 6.70 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.011 min
Response: 1118839
Conc: 7.63 ug/ml



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

R.T.: 18.250 min
Delta R.T.: -0.012 min
Response: 1028109
Conc: 7.24 ug/ml