

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012023AR\
 Data File : FD044860.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2023 00:01
 Operator : YP/AJ
 Sample : 01214-14MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 03:56:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 13:44:02 2023
 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...	7.667	8210782	46.665 ug/ml
Spiked Amount 50.000		Recovery =	93.33%
6) S 2-Fluorobiphenyl (SURR)	8.524	5580639	46.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.46%
11) S ortho-Terphenyl (SURR)	11.549	6117910	26.638 ug/ml
Spiked Amount 50.000		Recovery =	53.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	6641450	35.493 ug/ml
2) T Naphthalene (C11.7)	6.014	7171069	35.947 ug/ml
3) T 2-Methylnaphthalene (...)	7.059	7245056	35.726 ug/ml
5) T Acenaphthylene (C15.06)	8.329	7755167	40.570 ug/ml
7) T Acenaphthene (C15.5)	8.623	8049095	40.337 ug/ml
8) T Fluorene (C16.55)	9.399	8279064	41.609 ug/ml
9) T Phenanthrene (C19.36)	10.787	8659421	43.145 ug/ml
10) T Anthracene (C19.43)	10.862	8673000	45.265 ug/ml
12) T Fluoranthene (C21.85)	12.589	8861035	43.820 ug/ml
13) T Pyrene (C20.8)	12.885	8853871	44.983 ug/ml
14) T Benzo[a]anthracene (C...	14.745	8327547	46.003 ug/ml
15) T Chrysene (C27.41)	14.790	9650176	51.223 ug/ml
16) T benzo[b]fluoranthene ...	16.286	8134226	45.034 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	7629218	42.912 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	7296888	41.584 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	7848119	46.791 ug/ml
20) T Dibenz[a,h]anthracene...	18.059	7188415	43.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.275	7541743	45.455 ug/ml

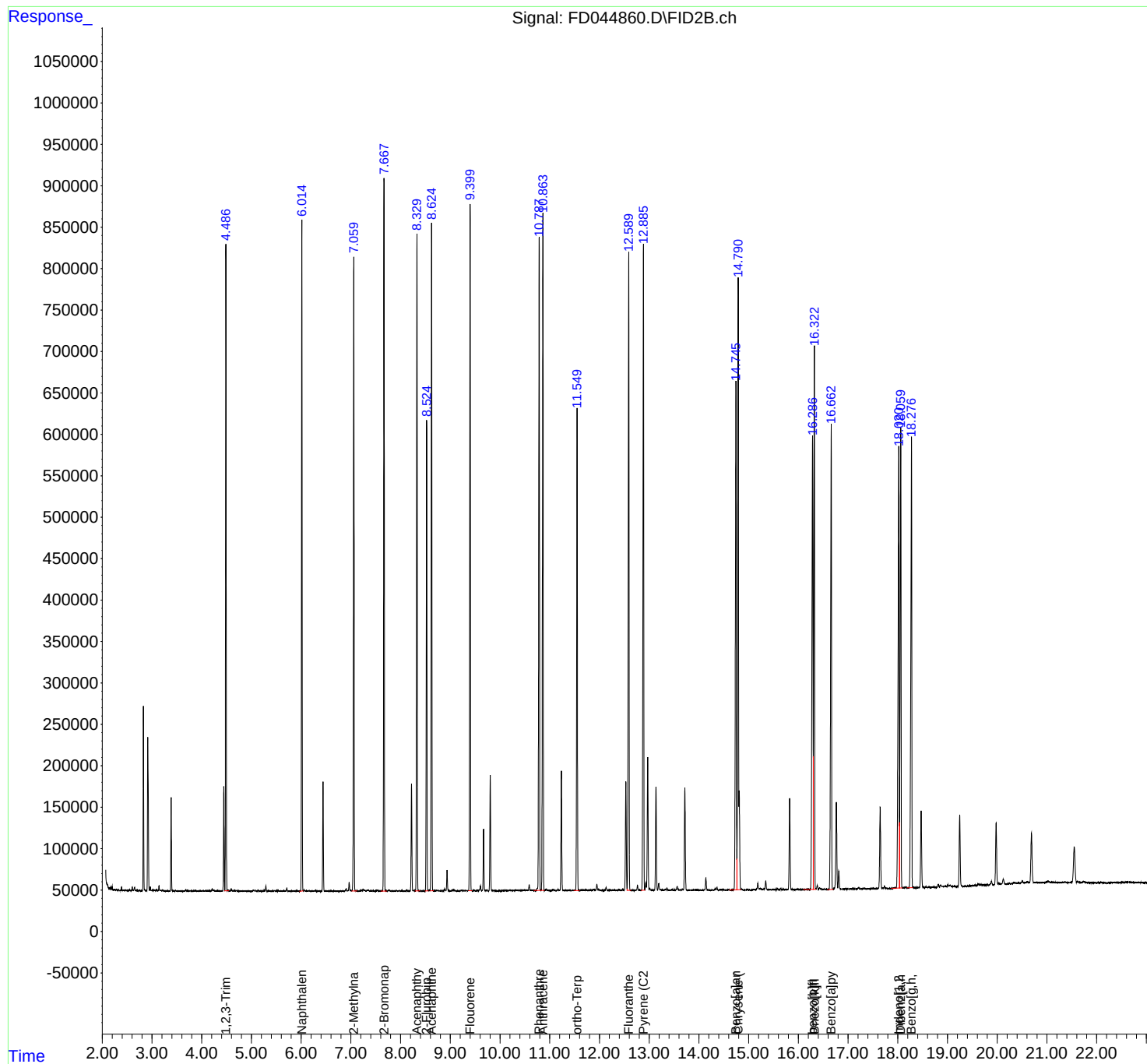
(f)=RT Delta > 1/2 Window

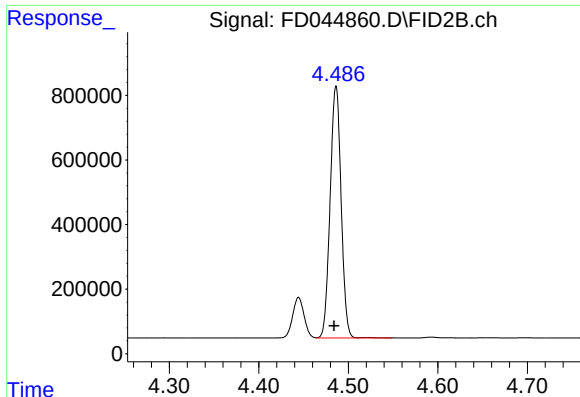
(m)=manual int.

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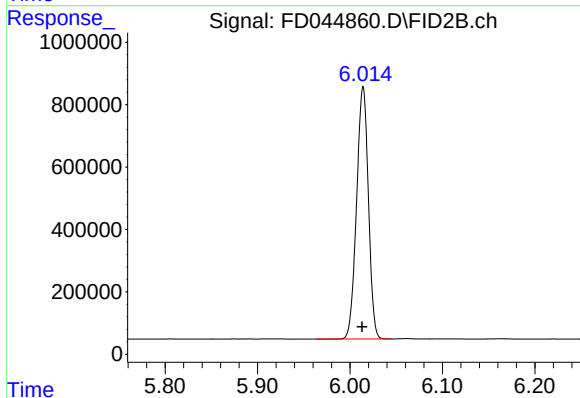
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Signal Info : 20M x 0.18mm x 0.18µm





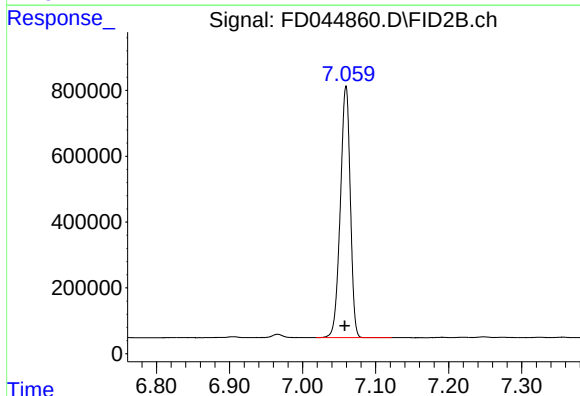
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min
Delta R.T.: 0.002 min
Response: 6641450
Conc: 35.49 ug/ml



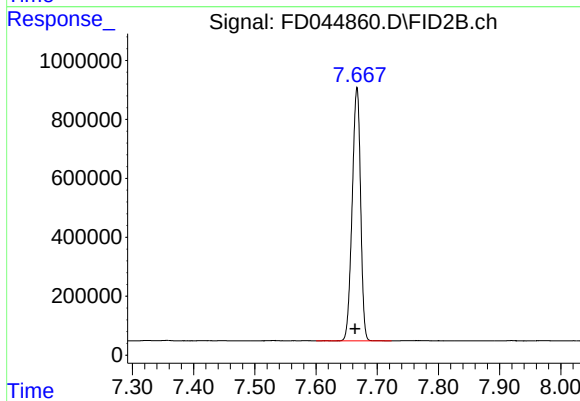
#2 Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.001 min
Response: 7171069
Conc: 35.95 ug/ml



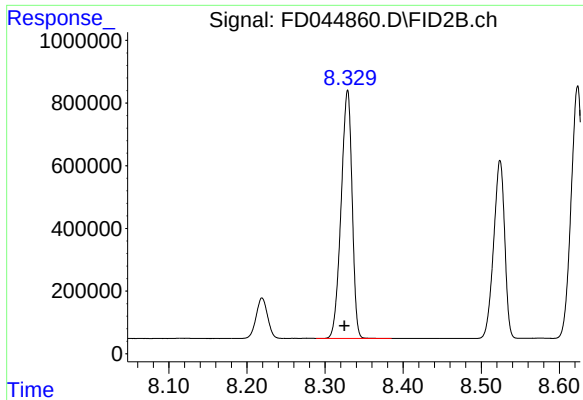
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 7245056
Conc: 35.73 ug/ml



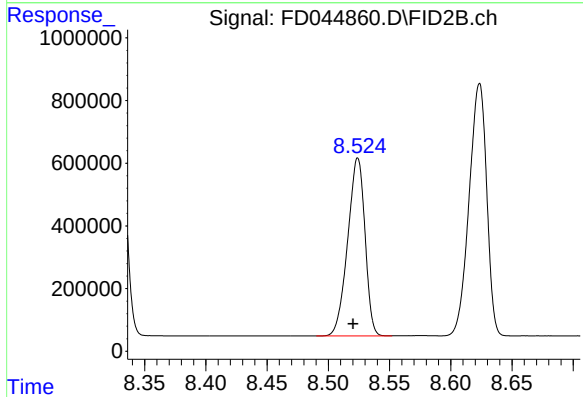
#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.003 min
Response: 8210782
Conc: 46.66 ug/ml



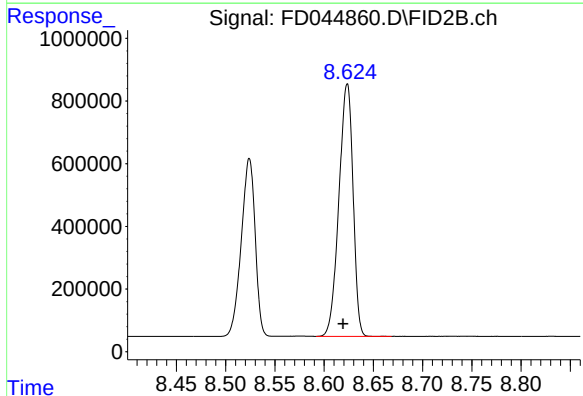
#5 Acenaphthylene (C15.06)

R.T.: 8.329 min
Delta R.T.: 0.004 min
Response: 7755167
Conc: 40.57 ug/ml



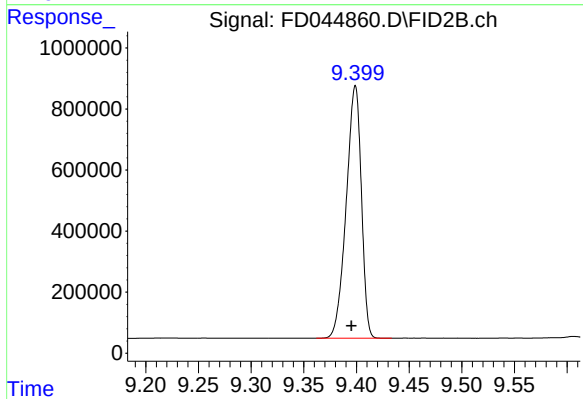
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.524 min
Delta R.T.: 0.004 min
Response: 5580639
Conc: 46.23 ug/ml



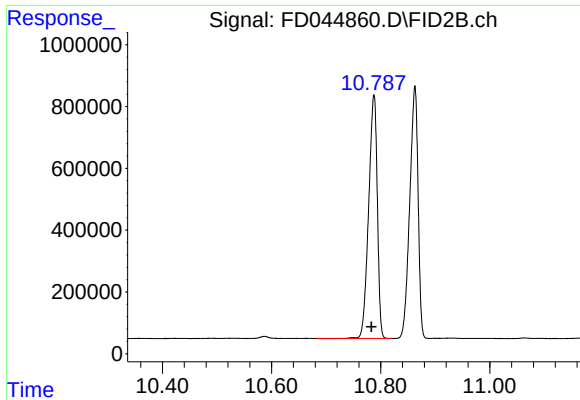
#7 Acenaphthene (C15.5)

R.T.: 8.623 min
Delta R.T.: 0.004 min
Response: 8049095
Conc: 40.34 ug/ml



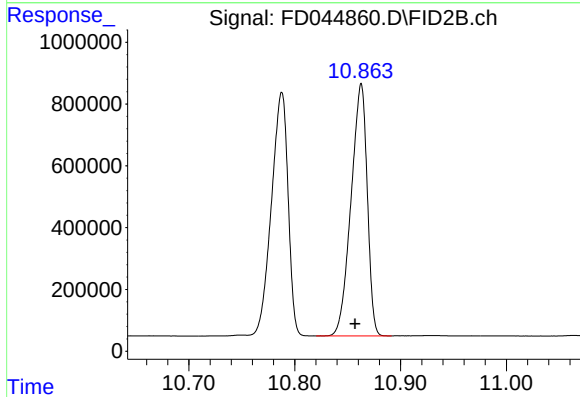
#8 Fluorene (C16.55)

R.T.: 9.399 min
Delta R.T.: 0.003 min
Response: 8279064
Conc: 41.61 ug/ml



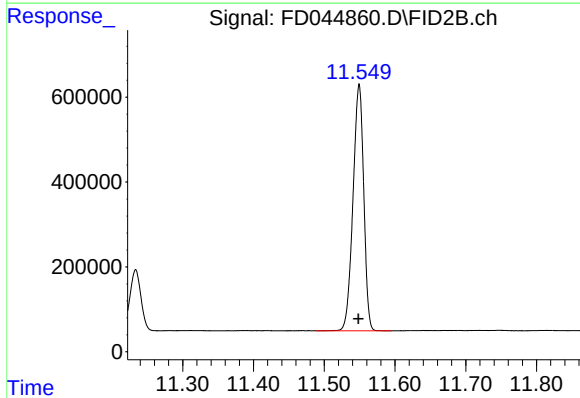
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.004 min
Response: 8659421
Conc: 43.14 ug/ml



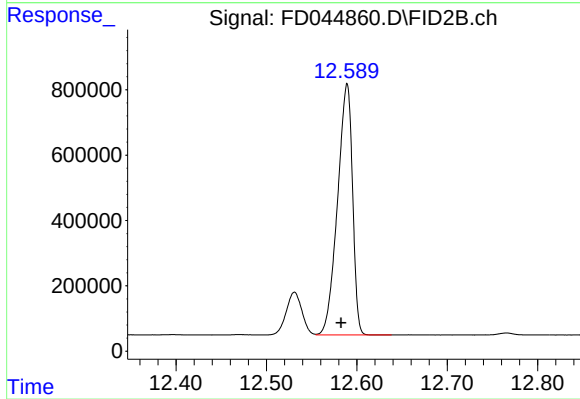
#10 Anthracene (C19.43)

R.T.: 10.862 min
Delta R.T.: 0.005 min
Response: 8673000
Conc: 45.27 ug/ml



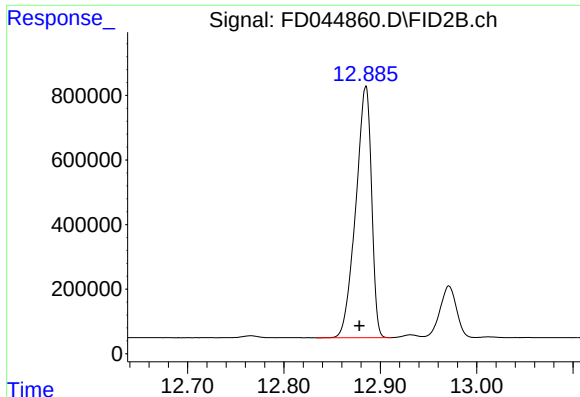
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 6117910
Conc: 26.64 ug/ml



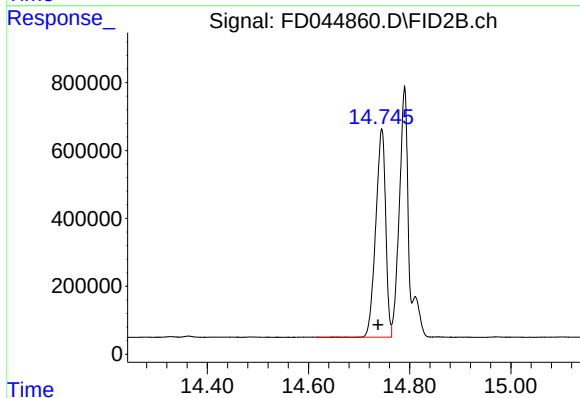
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: 0.006 min
Response: 8861035
Conc: 43.82 ug/ml



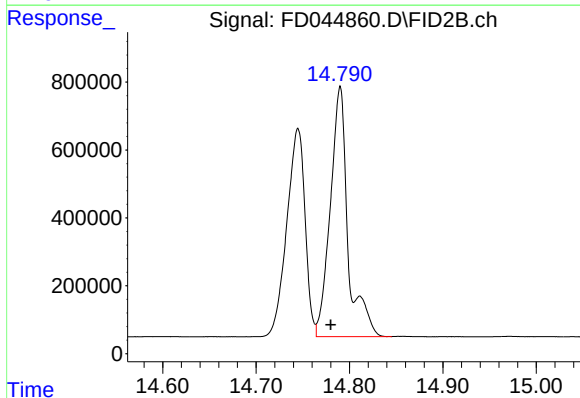
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: 0.006 min
Response: 8853871
Conc: 44.98 ug/ml



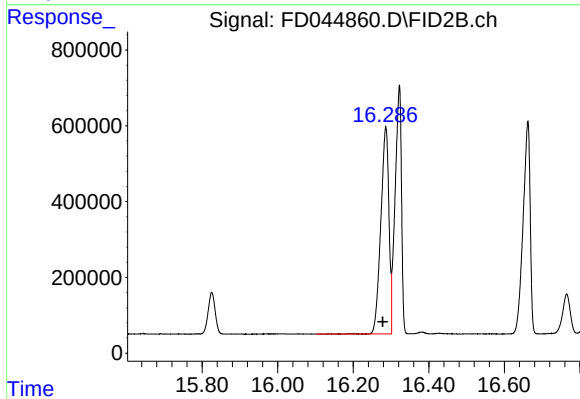
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.745 min
Delta R.T.: 0.007 min
Response: 8327547
Conc: 46.00 ug/ml



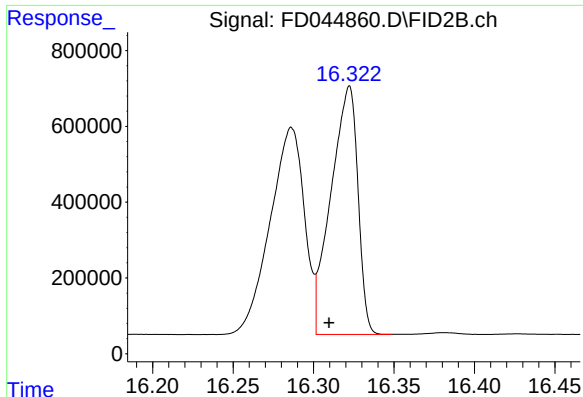
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: 0.010 min
Response: 9650176
Conc: 51.22 ug/ml



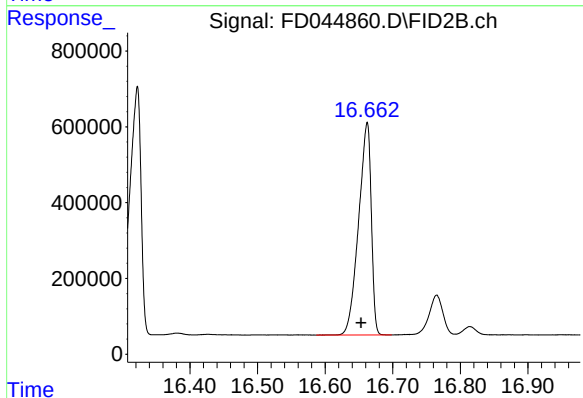
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 8134226
Conc: 45.03 ug/ml



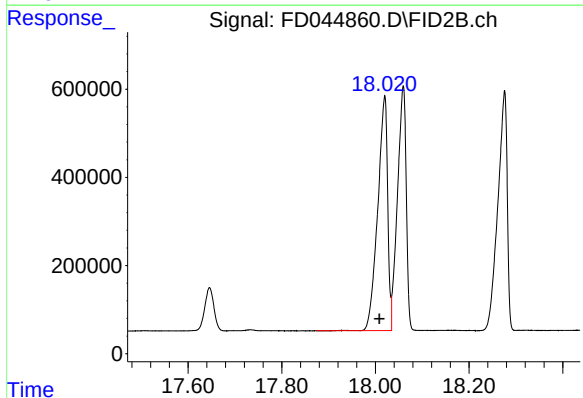
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: 0.012 min
Response: 7629218
Conc: 42.91 ug/ml



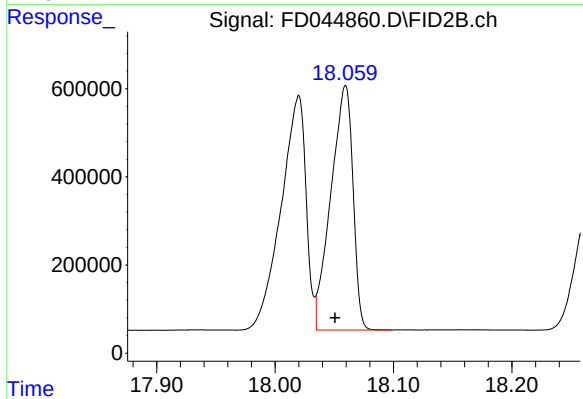
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.008 min
Response: 7296888
Conc: 41.58 ug/ml



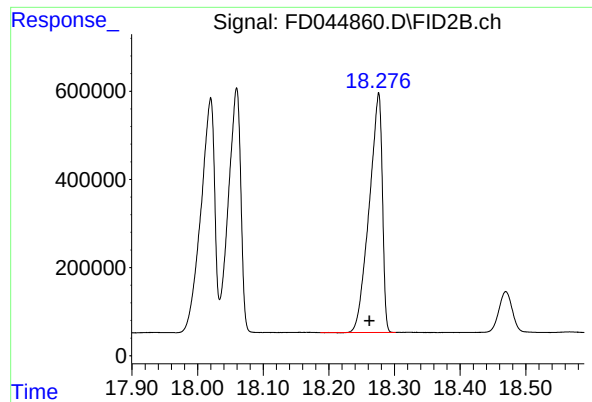
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: 0.011 min
Response: 7848119
Conc: 46.79 ug/ml



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

R.T.: 18.059 min
Delta R.T.: 0.008 min
Response: 7188415
Conc: 43.42 ug/ml



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

R.T.: 18.275 min
Delta R.T.: 0.013 min
Response: 7541743
Conc: 45.45 ug/ml