

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046951.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 17:11
 Operator : YP/AJ
 Sample : PB157373BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:47:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.479	9712246	53.254 ug/ml
Spiked Amount 50.000		Recovery =	106.51%
6) S 2-Fluorobiphenyl (SURR)	8.333	5524594	46.945 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.89%
11) S ortho-Terphenyl (SURR)	11.373	9883858	46.676 ug/ml
Spiked Amount 50.000		Recovery =	93.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	6268230	32.457 ug/mlm
2) T Naphthalene (C11.7)	5.817	7344154	36.676 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	7824199	38.930 ug/ml
5) T Acenaphthylene (C15.06)	8.137	8417062	45.763 ug/ml
7) T Acenaphthene (C15.5)	8.433	8401638	42.890 ug/ml
8) T Fluorene (C16.55)	9.211	8708177	47.080 ug/ml
9) T Phenanthrene (C19.36)	10.602	8737801	49.115 ug/ml
10) T Anthracene (C19.43)	10.676	8391153	49.239 ug/ml
12) T Fluoranthene (C21.85)	12.406	8970201	51.938 ug/ml
13) T Pyrene (C20.8)	12.700	8940449	53.768 ug/ml
14) T Benzo[a]anthracene (C...	14.564	7910049	56.222 ug/ml
15) T Chrysene (C27.41)	14.608	7909675	50.717 ug/ml
16) T benzo[b]fluoranthene ...	16.107	7745790	54.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	7480720	51.096 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	7122967	50.818 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	7326990	57.999 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	6585247	47.138 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	6813739	48.800 ug/ml

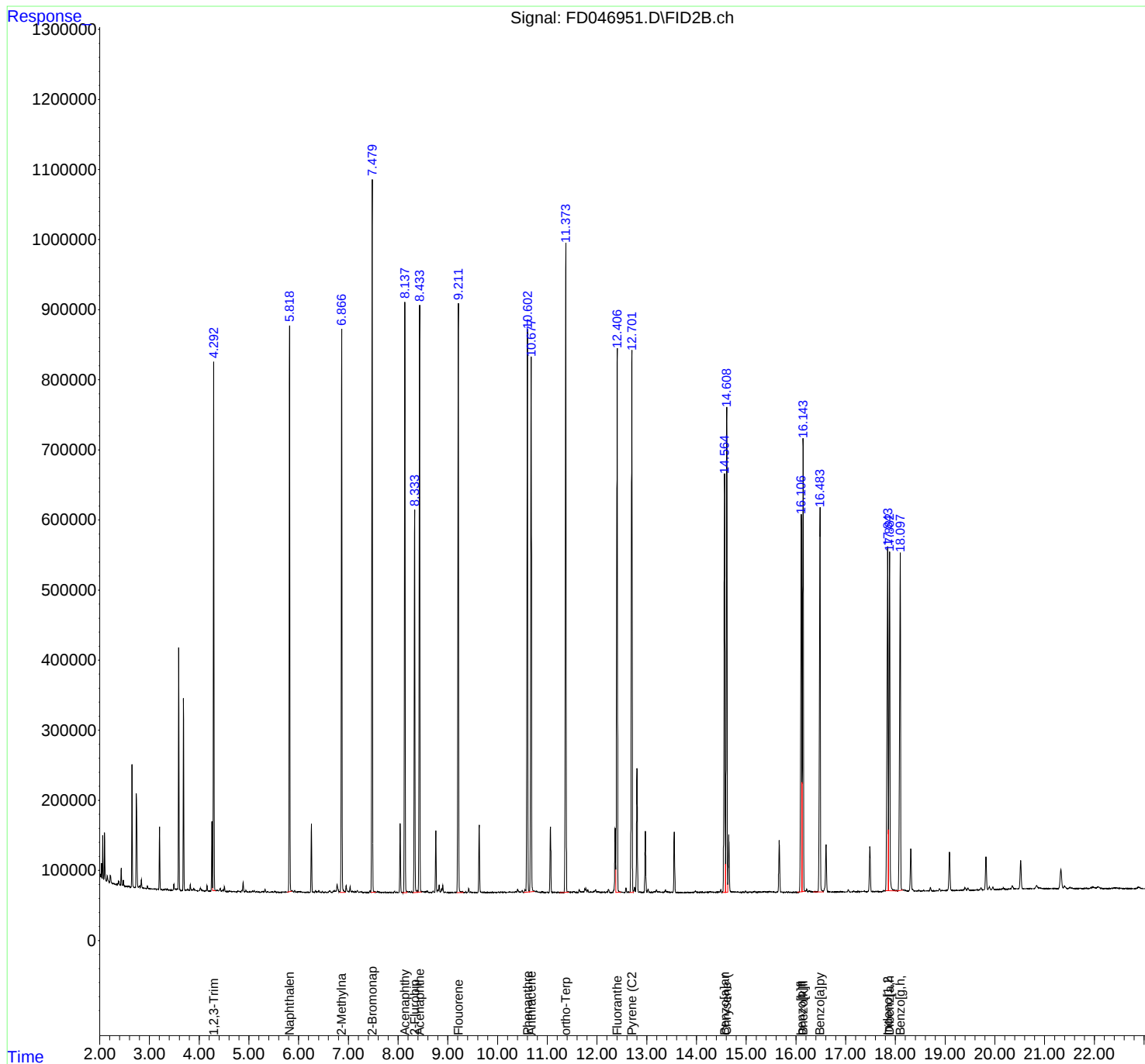
(f)=RT Delta > 1/2 Window

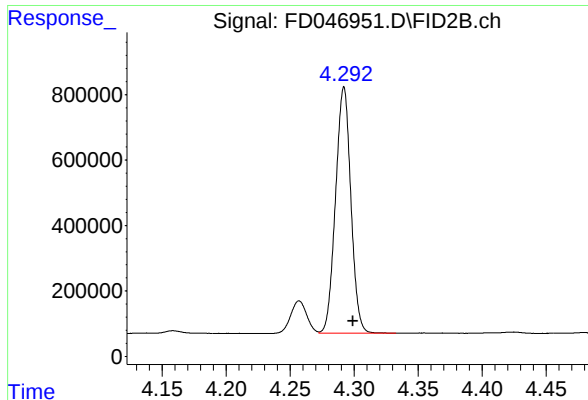
(m)=manual int.

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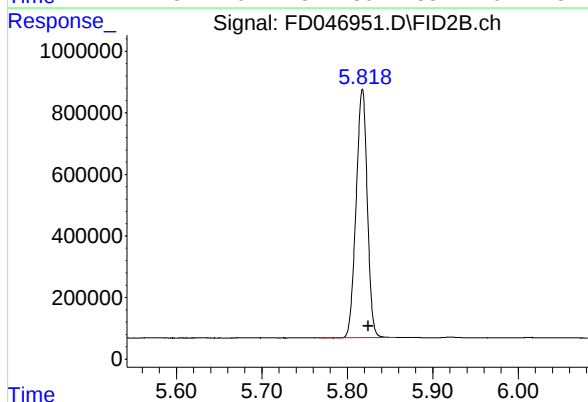
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





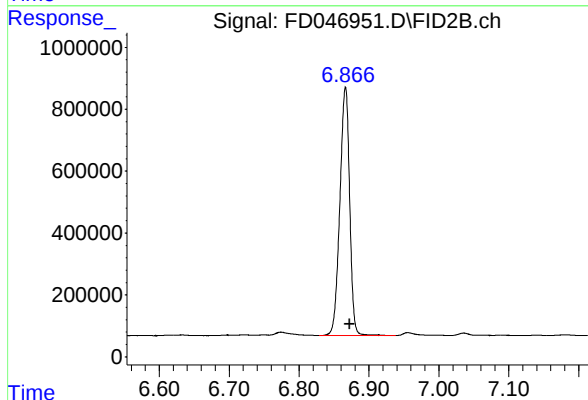
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.292 min
Delta R.T.: -0.007 min
Response: 6268230
Conc: 32.46 ug/ml m



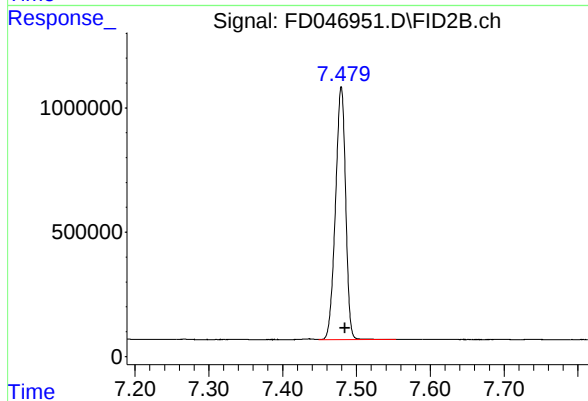
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.007 min
Response: 7344154
Conc: 36.68 ug/ml



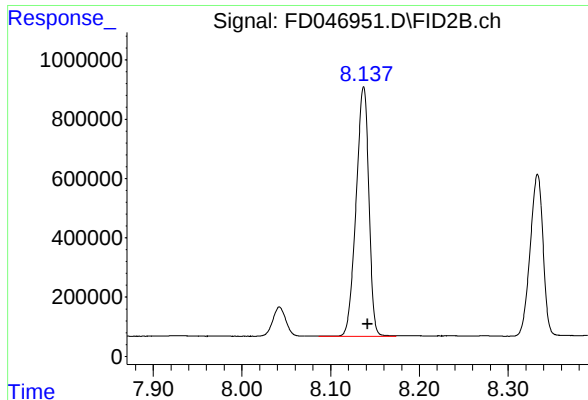
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 7824199
Conc: 38.93 ug/ml



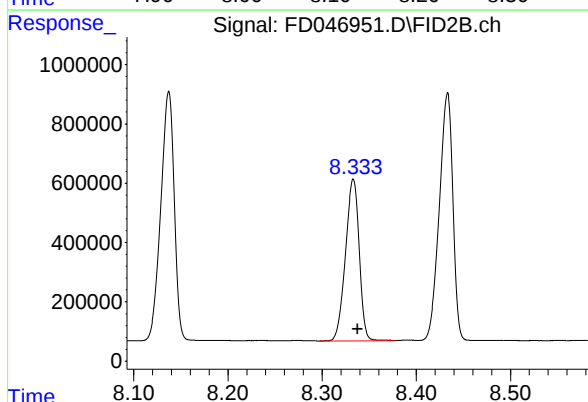
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.005 min
Response: 9712246
Conc: 53.25 ug/ml



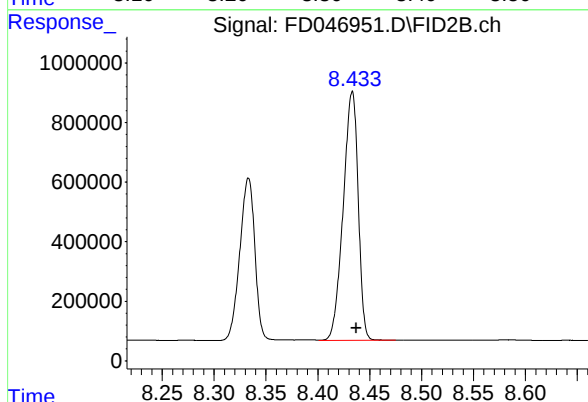
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: -0.005 min
Response: 8417062
Conc: 45.76 ug/ml



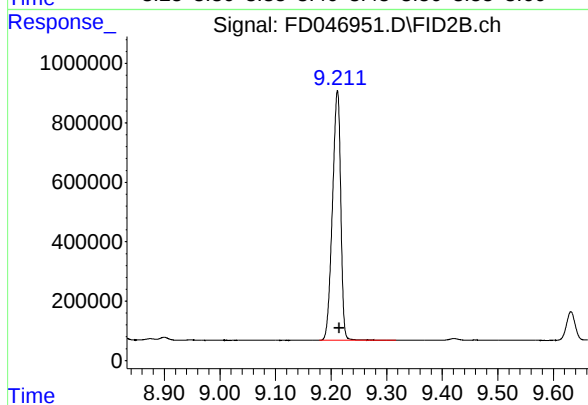
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min
Delta R.T.: -0.005 min
Response: 5524594
Conc: 46.94 ug/ml



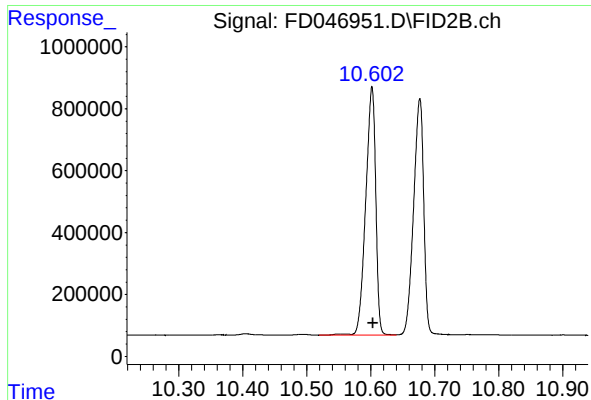
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 8401638
Conc: 42.89 ug/ml



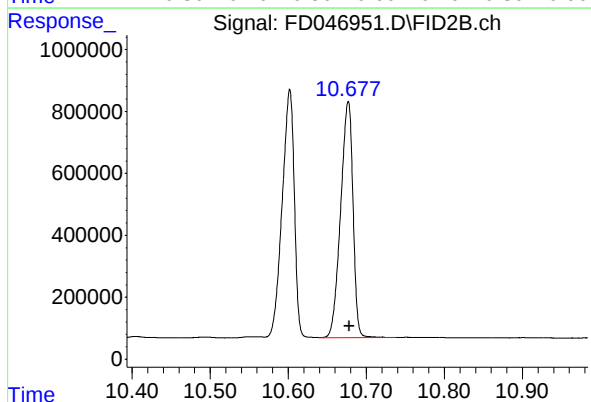
#8 Flouorene (C16.55)

R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 8708177
Conc: 47.08 ug/ml



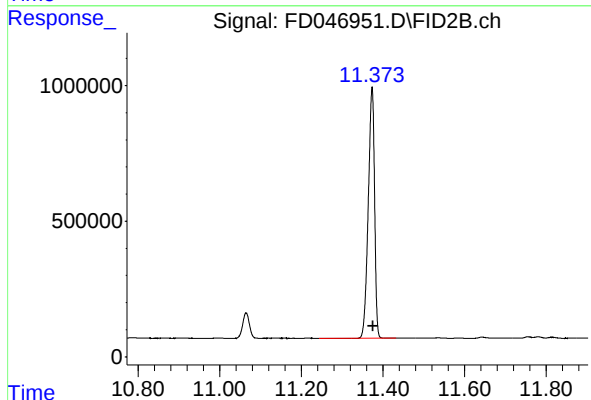
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.002 min
Response: 8737801
Conc: 49.11 ug/ml



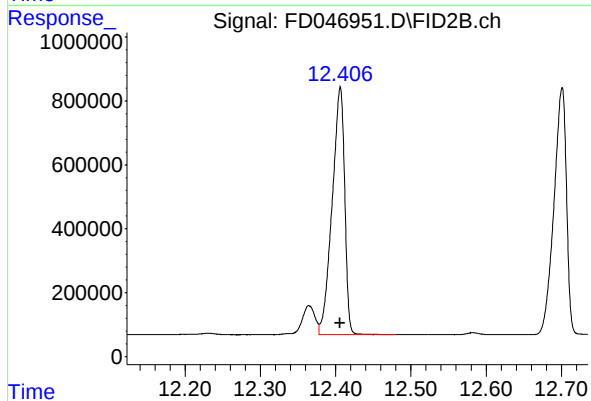
#10 Anthracene (C19.43)

R.T.: 10.676 min
Delta R.T.: -0.001 min
Response: 8391153
Conc: 49.24 ug/ml



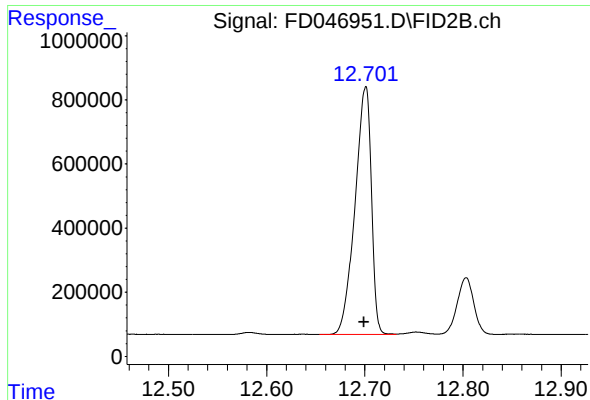
#11 ortho-Terphenyl (SURR)

R.T.: 11.373 min
Delta R.T.: -0.002 min
Response: 9883858
Conc: 46.68 ug/ml



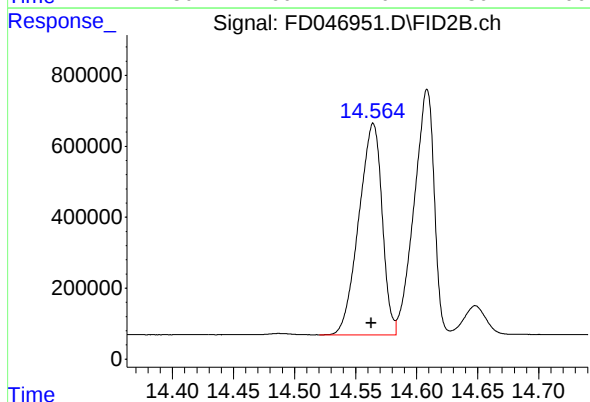
#12 Fluoranthene (C21.85)

R.T.: 12.406 min
Delta R.T.: 0.000 min
Response: 8970201
Conc: 51.94 ug/ml



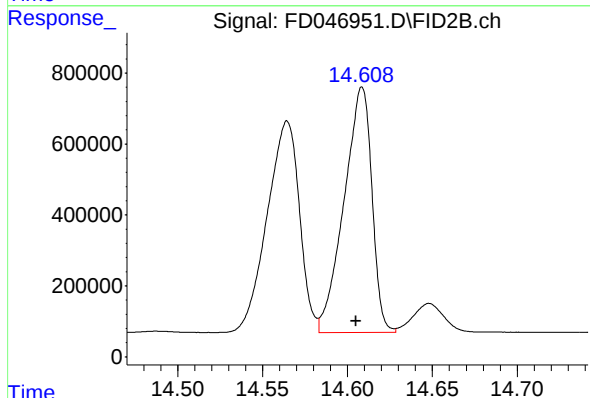
#13 Pyrene (C20.8)

R.T.: 12.700 min
Delta R.T.: 0.001 min
Response: 8940449
Conc: 53.77 ug/ml



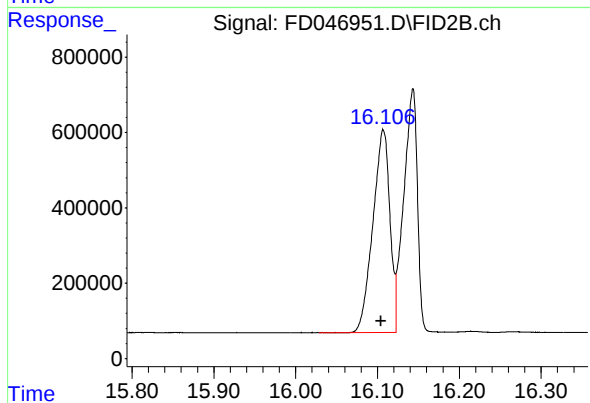
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.564 min
Delta R.T.: 0.001 min
Response: 7910049
Conc: 56.22 ug/ml



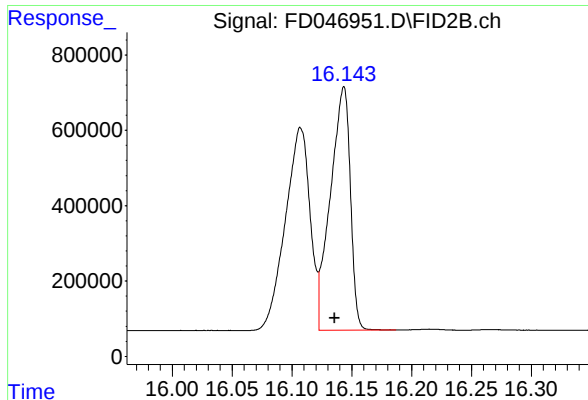
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: 0.003 min
Response: 7909675
Conc: 50.72 ug/ml



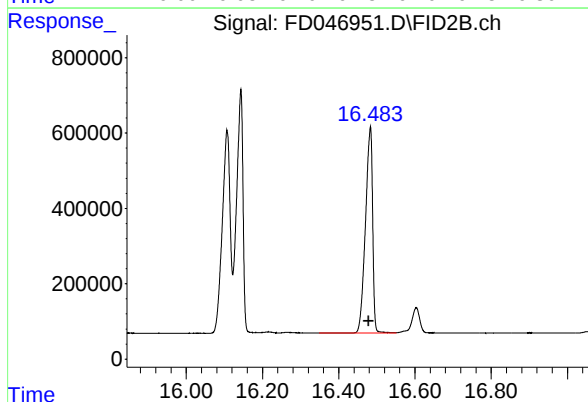
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.107 min
Delta R.T.: 0.003 min
Response: 7745790
Conc: 54.12 ug/ml



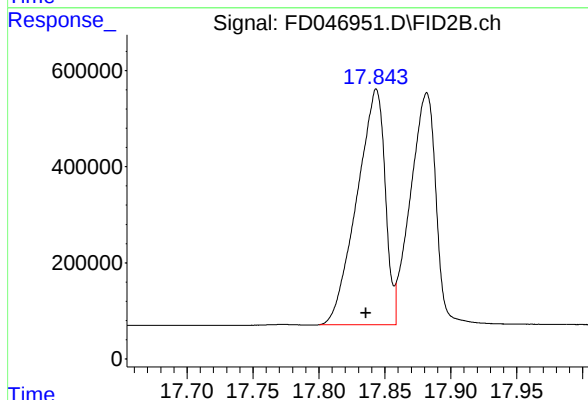
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.143 min
Delta R.T.: 0.007 min
Response: 7480720
Conc: 51.10 ug/ml



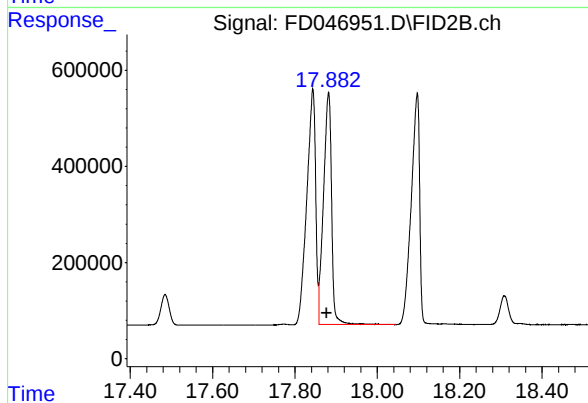
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.003 min
Response: 7122967
Conc: 50.82 ug/ml



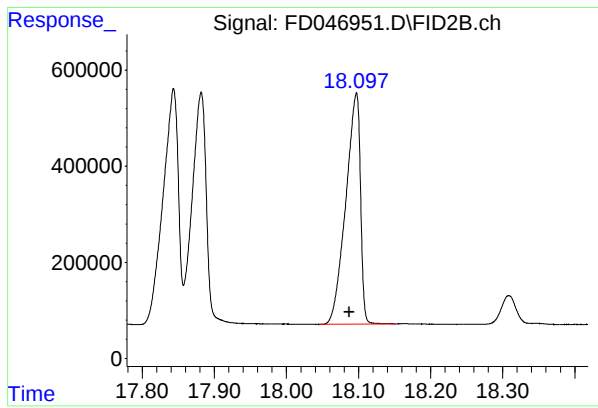
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: 0.007 min
Response: 7326990
Conc: 58.00 ug/ml



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

R.T.: 17.881 min
Delta R.T.: 0.004 min
Response: 6585247
Conc: 47.14 ug/ml



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

R.T.: 18.096 min
Delta R.T.: 0.009 min
Response: 6813739
Conc: 48.80 ug/ml