

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046823.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 22:21
 Operator : YP/AJ
 Sample : 05197-01MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SCFMS

Integration File: autoint1.e
 Quant Time: Nov 02 00:11:15 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...	7.486	8591837	47.111 ug/ml
Spiked Amount 50.000		Recovery =	94.22%
6) S 2-Fluorobiphenyl (SURR)	8.339	5430396	46.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.29%
11) S ortho-Terphenyl (SURR)	11.376	6784119	32.037 ug/ml
Spiked Amount 50.000		Recovery =	64.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	6147611	31.832 ug/ml
2) T Naphthalene (C11.7)	5.824	7159110	35.752 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	7319514	36.418 ug/ml
5) T Acenaphthylene (C15.06)	8.143	7835468	42.601 ug/ml
7) T Acenaphthene (C15.5)	8.439	7809380	39.867 ug/ml
8) T Flouorene (C16.55)	9.217	8075849	43.661 ug/ml
9) T Phenanthrene (C19.36)	10.607	8834337	49.657 ug/ml
10) T Anthracene (C19.43)	10.682	8116409	47.626 ug/ml
12) T Fluoranthene (C21.85)	12.411	9112852	52.764 ug/ml
13) T Pyrene (C20.8)	12.706	8928574	53.697 ug/ml
14) T Benzo[a]anthracene (C...	14.569	7775747	55.268 ug/ml
15) T Chrysene (C27.41)	14.613	7811666	50.089 ug/ml
16) T benzo[b]fluoranthene ...	16.112	7547253	52.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.147	7188853	49.103 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.487	6950287	49.586 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	6993459	55.359 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	6371600	45.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6540537	46.844 ug/ml

(f)=RT Delta > 1/2 Window

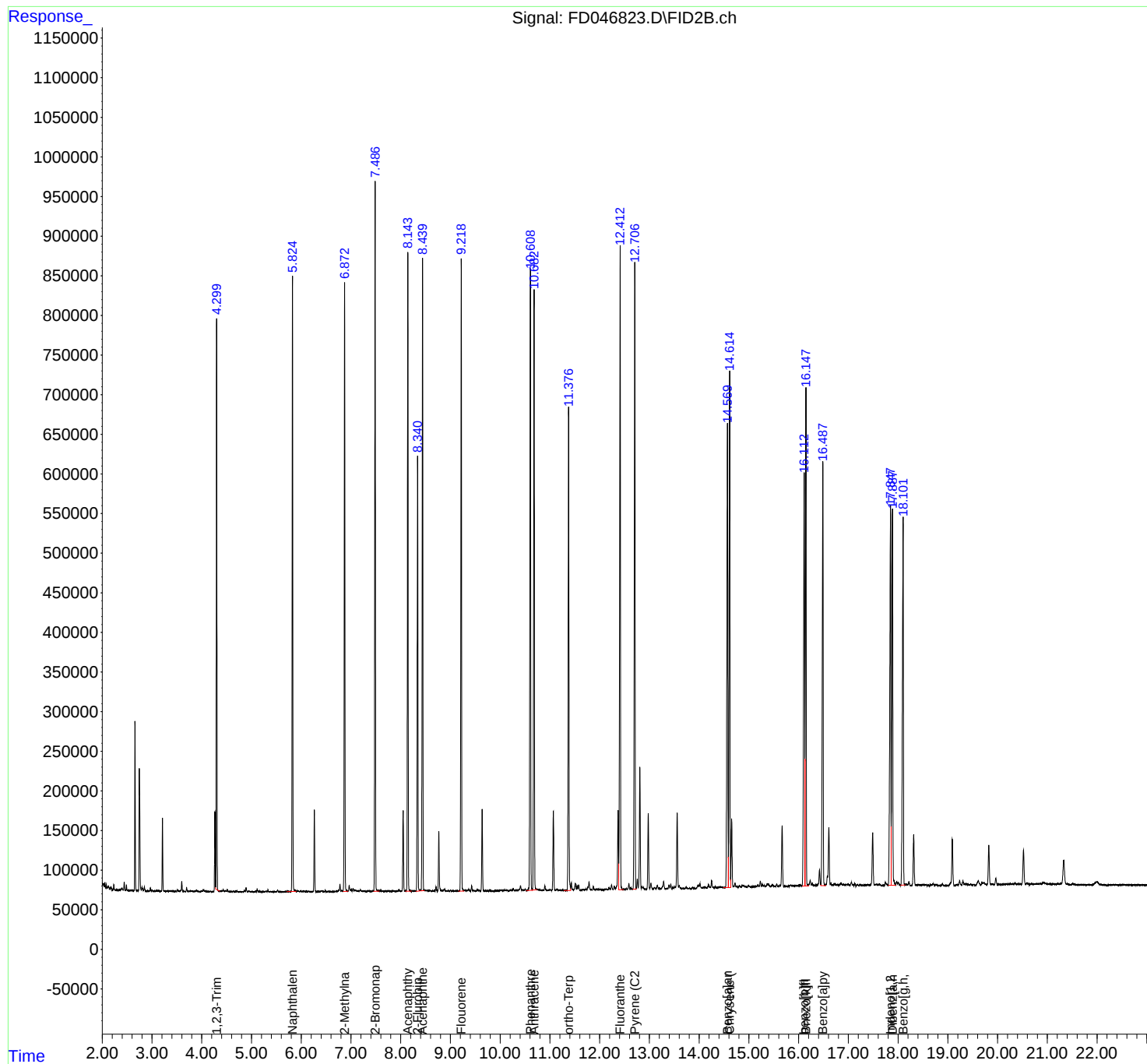
(m)=manual int.

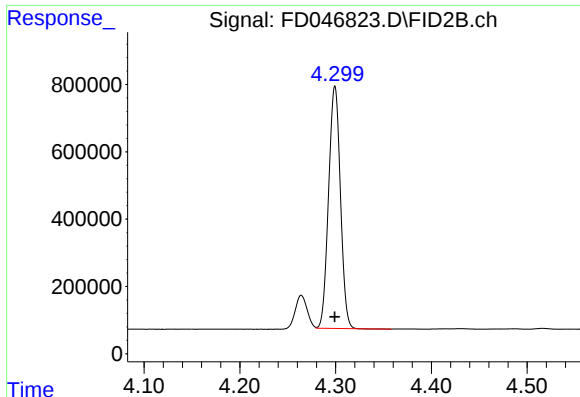
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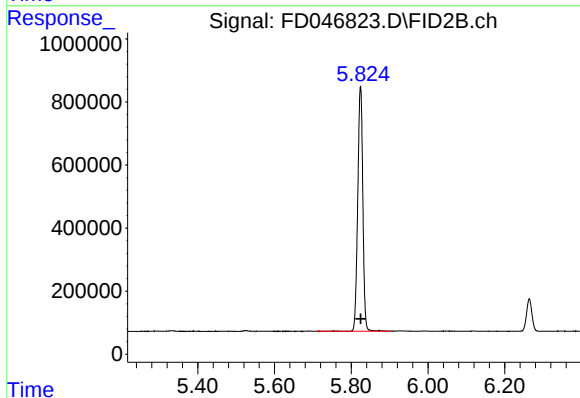




#1 1,2,3-Trimethylbenzene (C10.1)

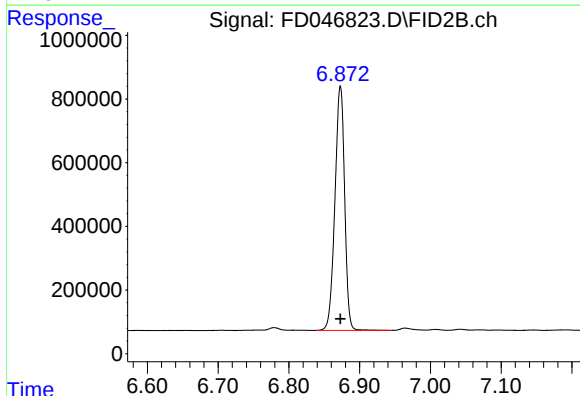
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 6147611
Conc: 31.83 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMS



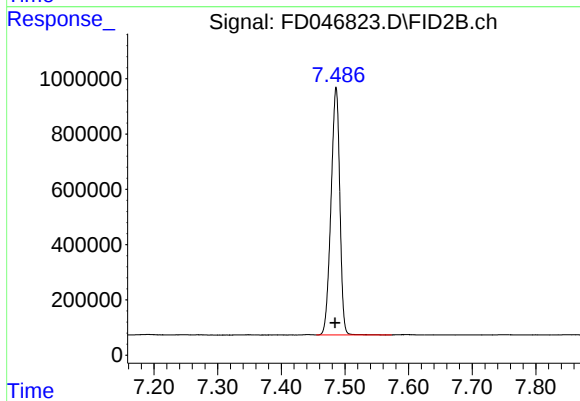
#2 Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 7159110
Conc: 35.75 ug/ml



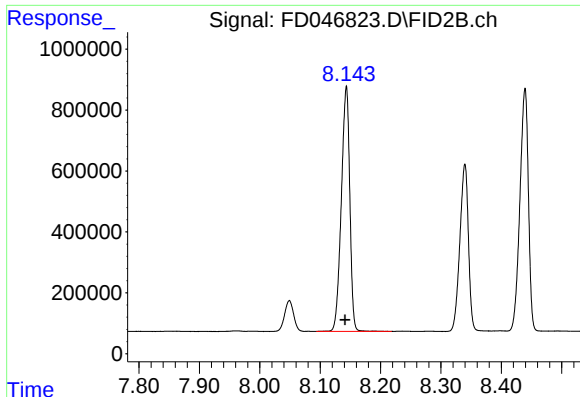
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 7319514
Conc: 36.42 ug/ml



#4 2-Bromonaphthalene (SURR)

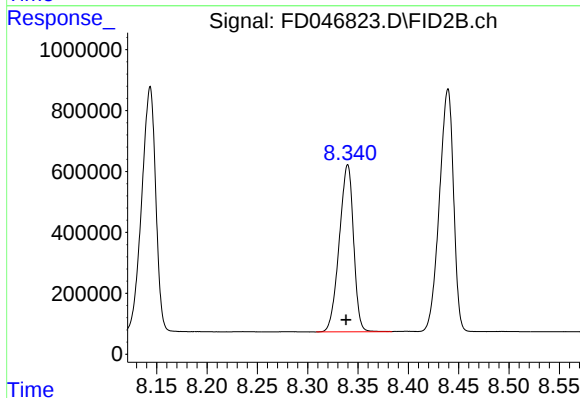
R.T.: 7.486 min
Delta R.T.: 0.001 min
Response: 8591837
Conc: 47.11 ug/ml



#5 Acenaphthylene (C15.06)

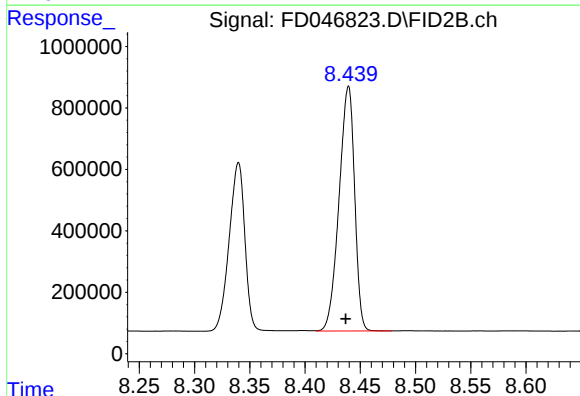
R.T.: 8.143 min
Delta R.T.: 0.001 min
Response: 7835468
Conc: 42.60 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMS



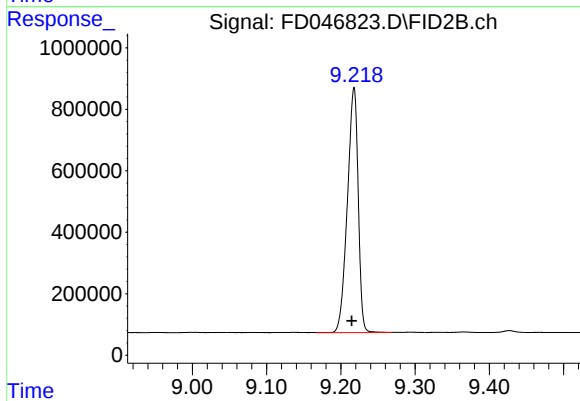
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 5430396
Conc: 46.14 ug/ml



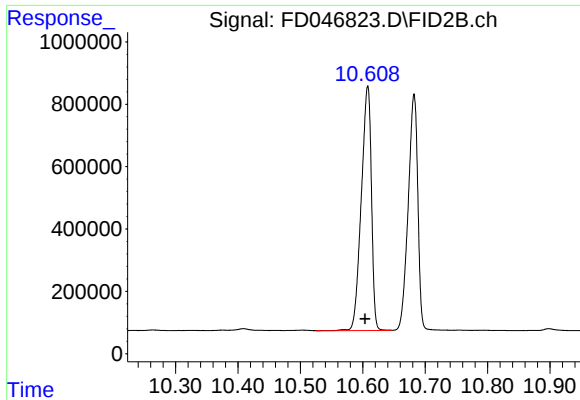
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: 0.002 min
Response: 7809380
Conc: 39.87 ug/ml



#8 Fluorene (C16.55)

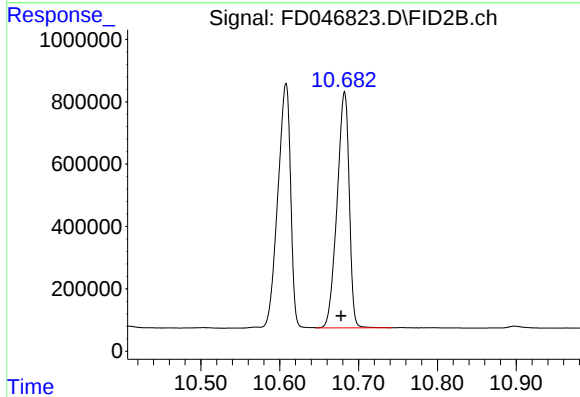
R.T.: 9.217 min
Delta R.T.: 0.003 min
Response: 8075849
Conc: 43.66 ug/ml



#9 Phenanthrene (C19.36)

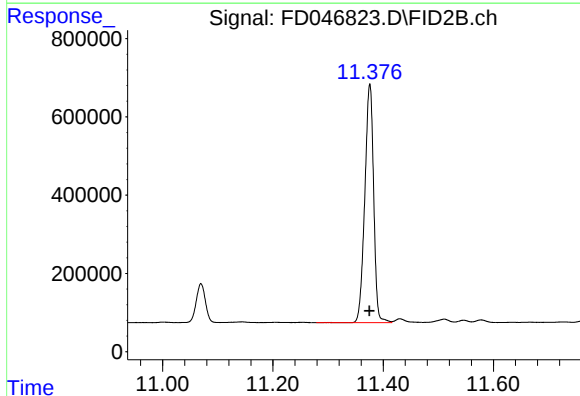
R.T.: 10.607 min
Delta R.T.: 0.004 min
Response: 8834337
Conc: 49.66 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMS



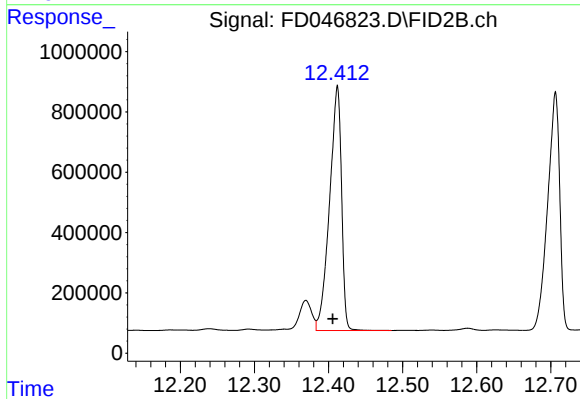
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.004 min
Response: 8116409
Conc: 47.63 ug/ml



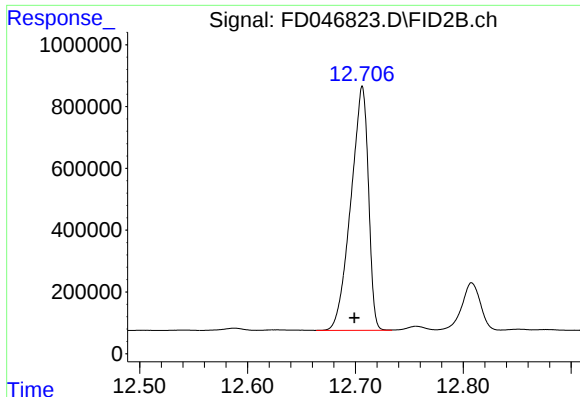
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 6784119
Conc: 32.04 ug/ml



#12 Fluoranthene (C21.85)

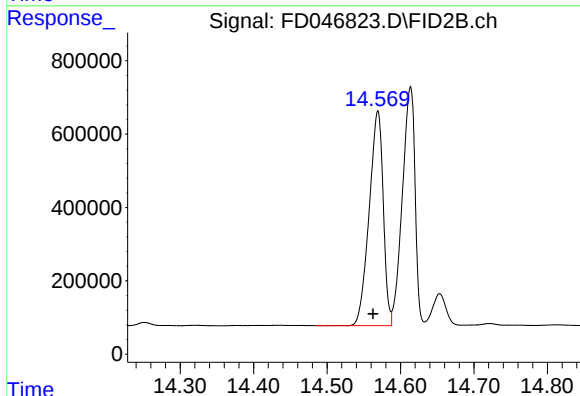
R.T.: 12.411 min
Delta R.T.: 0.006 min
Response: 9112852
Conc: 52.76 ug/ml



#13 Pyrene (C20.8)

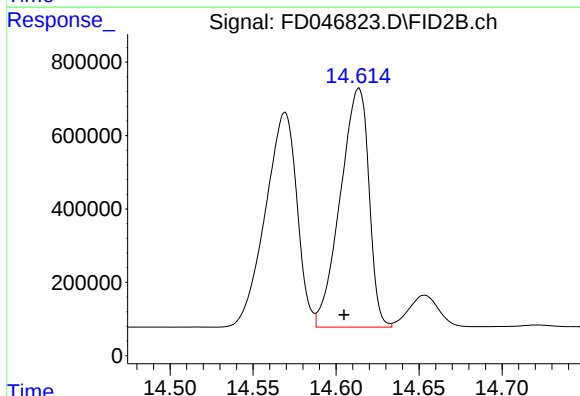
R.T.: 12.706 min
Delta R.T.: 0.007 min
Response: 8928574
Conc: 53.70 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMS



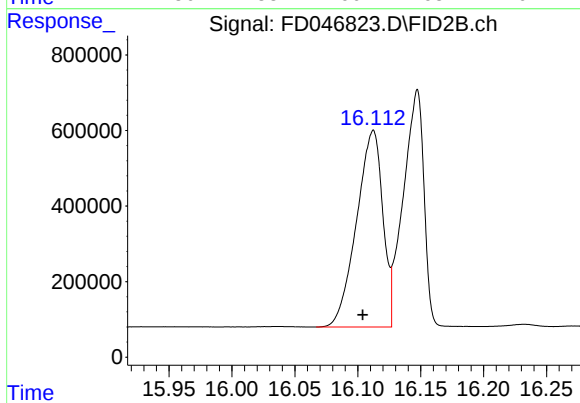
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: 0.006 min
Response: 7775747
Conc: 55.27 ug/ml



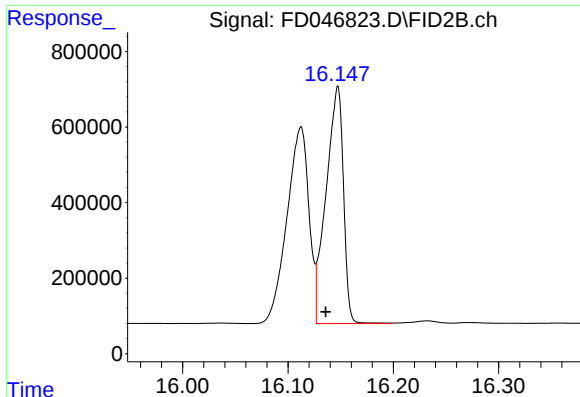
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: 0.008 min
Response: 7811666
Conc: 50.09 ug/ml



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

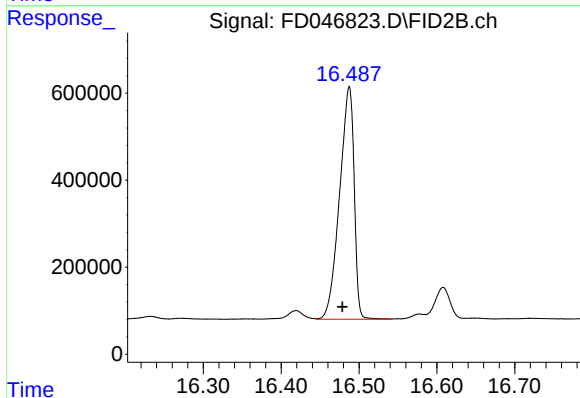
R.T.: 16.112 min
Delta R.T.: 0.008 min
Response: 7547253
Conc: 52.73 ug/ml



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

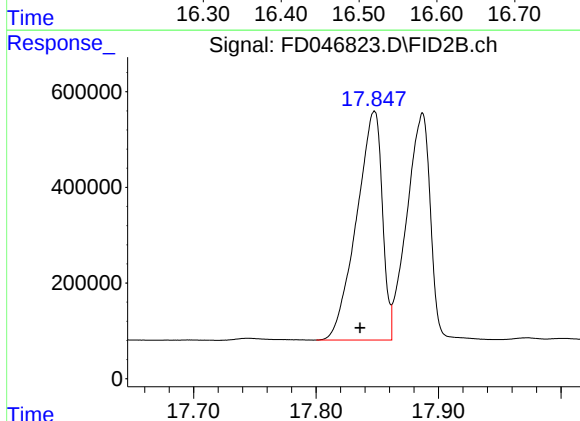
R.T.: 16.147 min
Delta R.T.: 0.011 min
Response: 7188853
Conc: 49.10 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMS



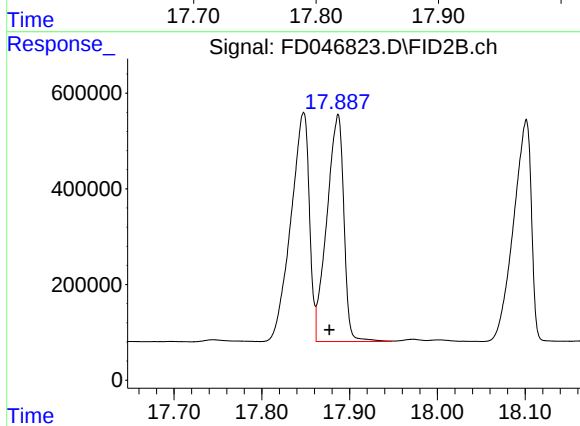
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.008 min
Response: 6950287
Conc: 49.59 ug/ml



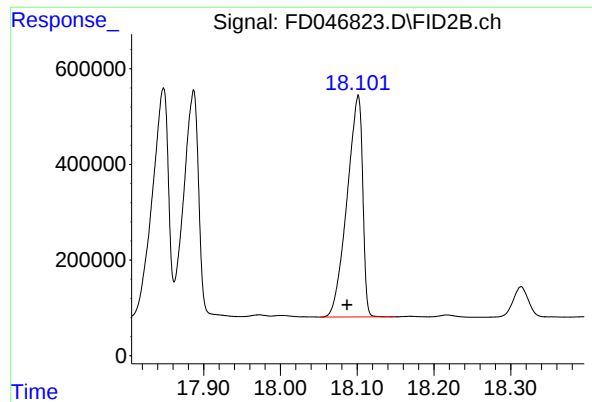
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 6993459
Conc: 55.36 ug/ml



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

R.T.: 17.886 min
Delta R.T.: 0.009 min
Response: 6371600
Conc: 45.61 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.013 min
Response: 6540537
Conc: 46.84 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMS