

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110123AR\
 Data File : FD046824.D
 Signal(s) : FID2B.ch
 Acq On : 01 Nov 2023 22:58
 Operator : YP/AJ
 Sample : 05197-01MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SCFMSD

Integration File: autoint1.e
 Quant Time: Nov 02 00:13:39 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	8463817	46.409 ug/ml
Spiked Amount 50.000		Recovery =	92.82%
6) S 2-Fluorobiphenyl (SURR)	8.339	5355348	45.507 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.01%
11) S ortho-Terphenyl (SURR)	11.376	6694408	31.614 ug/ml
Spiked Amount 50.000		Recovery =	63.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	6060124	31.379 ug/ml
2) T Naphthalene (C11.7)	5.824	6989539	34.905 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	7210053	35.874 ug/ml
5) T Acenaphthylene (C15.06)	8.143	7715230	41.947 ug/ml
7) T Acenaphthene (C15.5)	8.439	7702156	39.320 ug/ml
8) T Fluorene (C16.55)	9.217	7957703	43.022 ug/ml
9) T Phenanthrene (C19.36)	10.607	8747923	49.172 ug/ml
10) T Anthracene (C19.43)	10.682	8081112	47.419 ug/ml
12) T Fluoranthene (C21.85)	12.411	9043973	52.365 ug/ml
13) T Pyrene (C20.8)	12.706	8859747	53.283 ug/ml
14) T Benzo[a]anthracene (C...	14.569	7797123	55.420 ug/ml
15) T Chrysene (C27.41)	14.613	7834168	50.233 ug/ml
16) T benzo[b]fluoranthene ...	16.111	7540580	52.685 ug/ml
17) T Bnezo[k]fluoranthene ...	16.146	7183657	49.067 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.488	6944251	49.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	7035505	55.692 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	6401681	45.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6521637	46.708 ug/ml

(f)=RT Delta > 1/2 Window

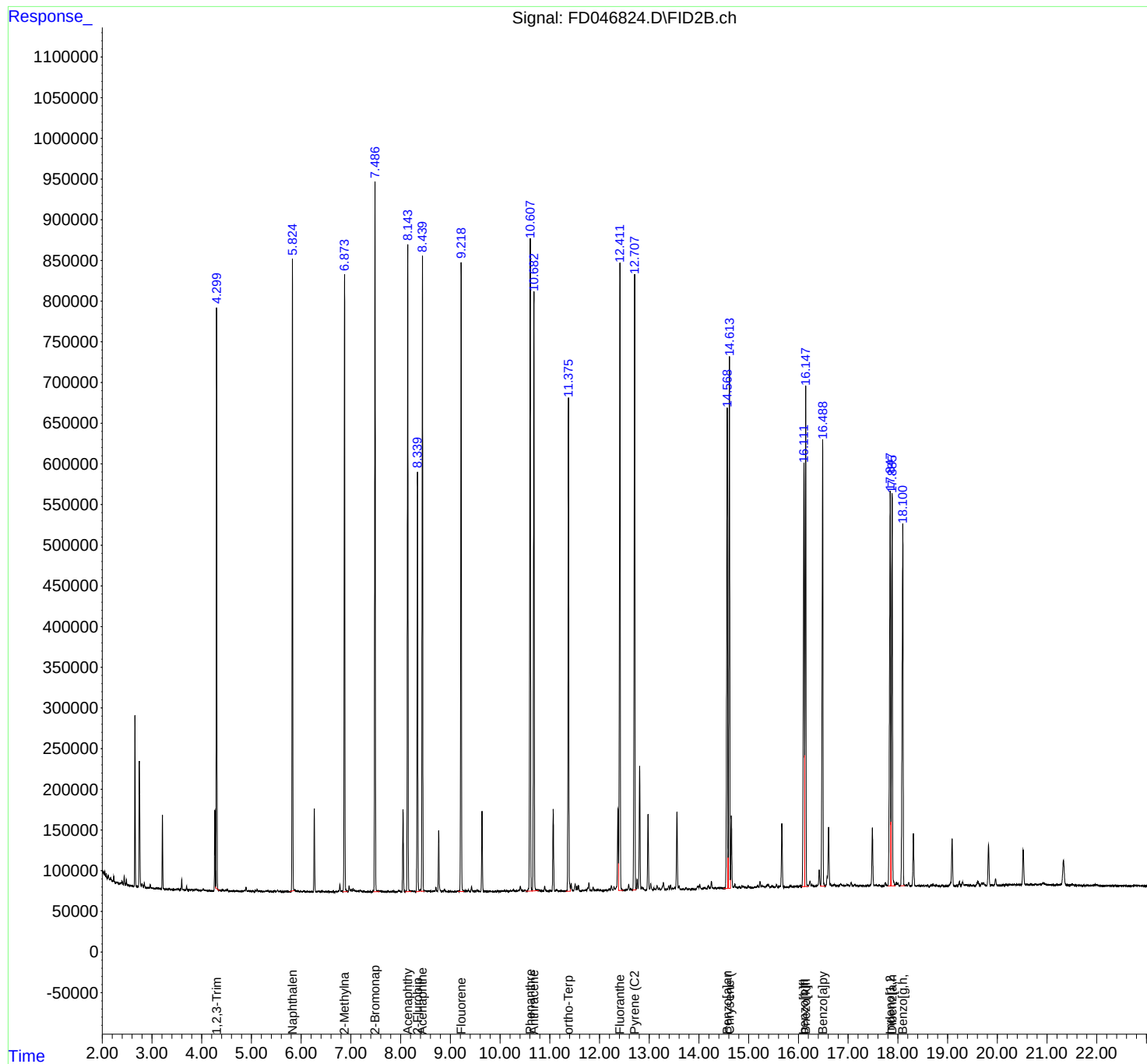
(m)=manual int.

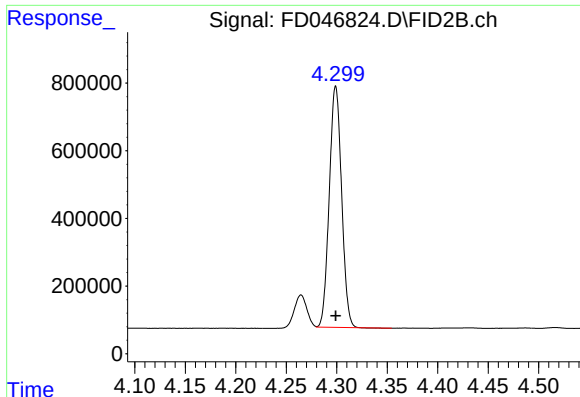
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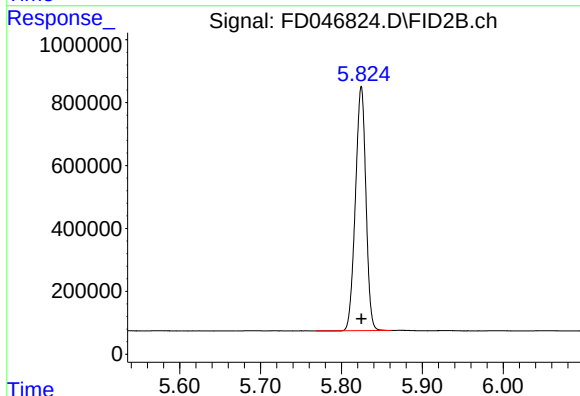




#1 1,2,3-Trimethylbenzene (C10.1)

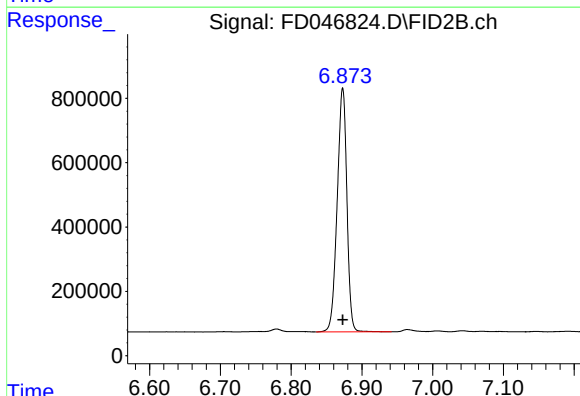
R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 6060124
Conc: 31.38 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMSD



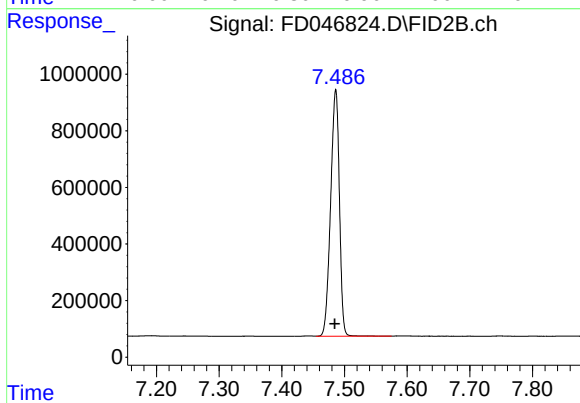
#2 Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 6989539
Conc: 34.91 ug/ml



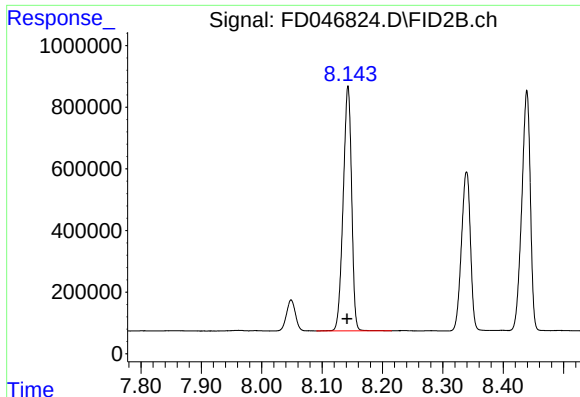
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 7210053
Conc: 35.87 ug/ml



#4 2-Bromonaphthalene (SURR)

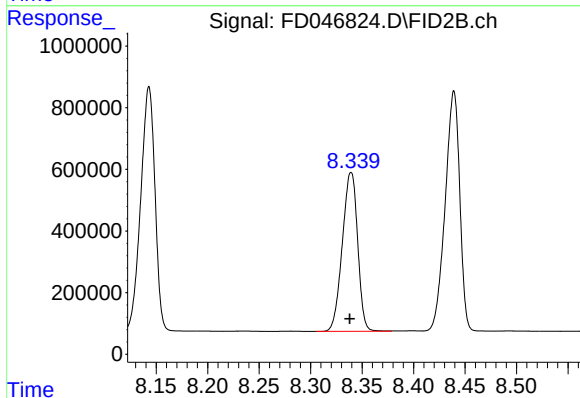
R.T.: 7.486 min
Delta R.T.: 0.001 min
Response: 8463817
Conc: 46.41 ug/ml



#5 Acenaphthylene (C15.06)

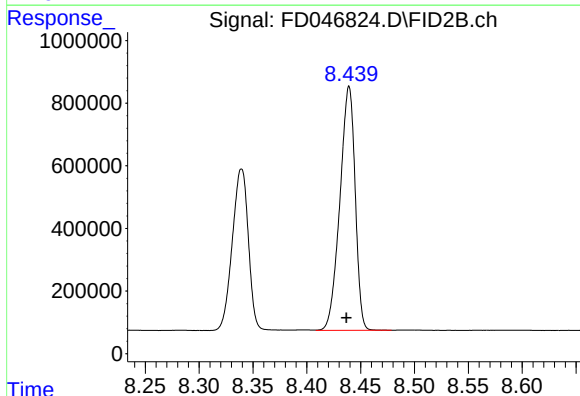
R.T.: 8.143 min
Delta R.T.: 0.001 min
Response: 7715230
Conc: 41.95 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMSD



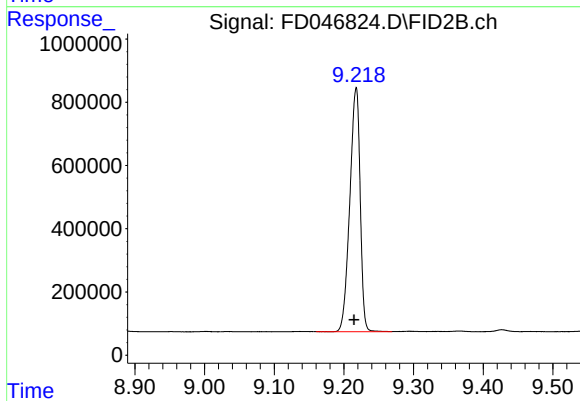
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.339 min
Delta R.T.: 0.001 min
Response: 5355348
Conc: 45.51 ug/ml



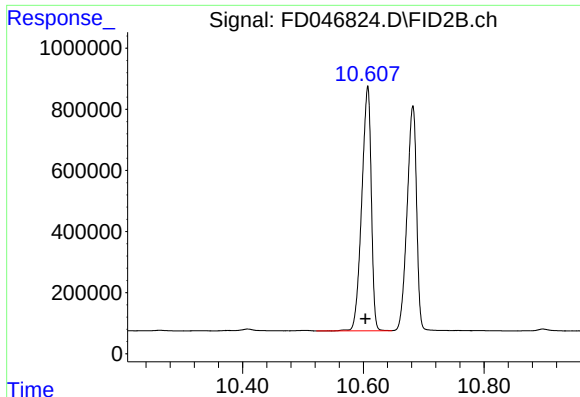
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: 0.002 min
Response: 7702156
Conc: 39.32 ug/ml



#8 Fluorene (C16.55)

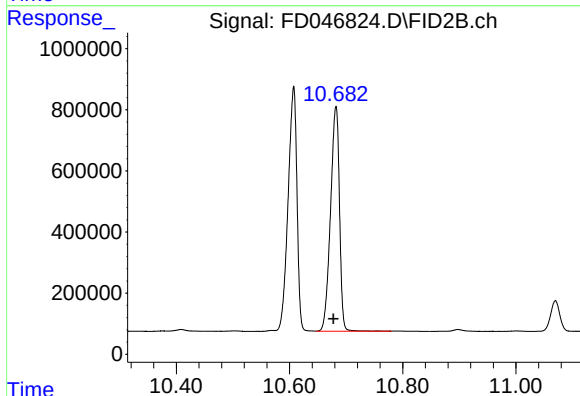
R.T.: 9.217 min
Delta R.T.: 0.002 min
Response: 7957703
Conc: 43.02 ug/ml



#9 Phenanthrene (C19.36)

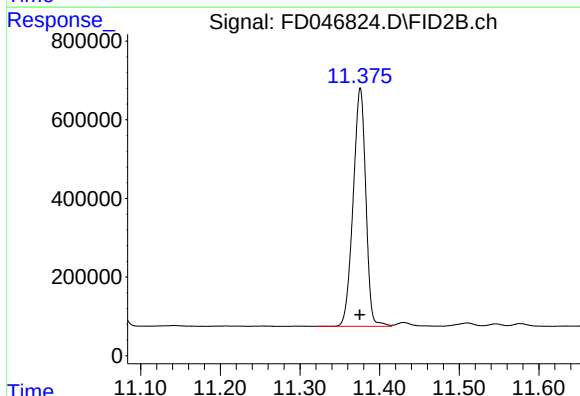
R.T.: 10.607 min
Delta R.T.: 0.003 min
Response: 8747923
Conc: 49.17 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMSD



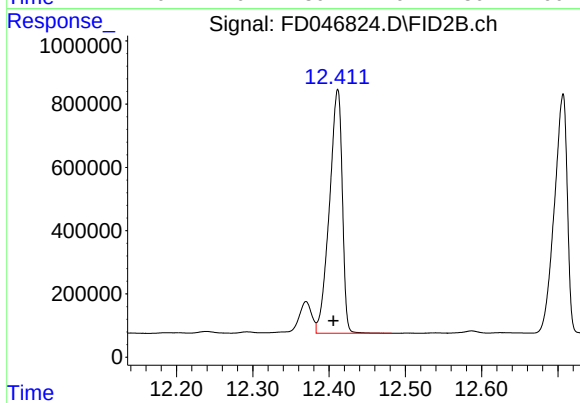
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: 0.004 min
Response: 8081112
Conc: 47.42 ug/ml



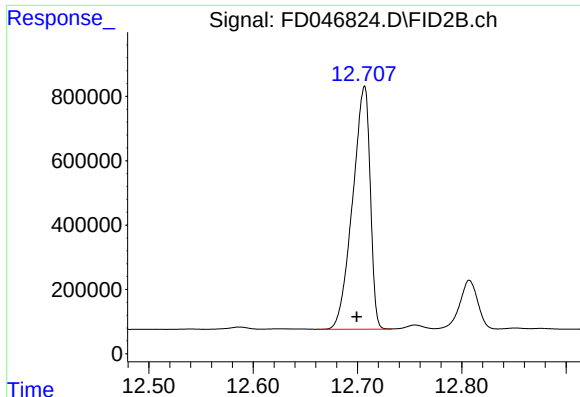
#11 ortho-Terphenyl (SURRE)

R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 6694408
Conc: 31.61 ug/ml



#12 Fluoranthene (C21.85)

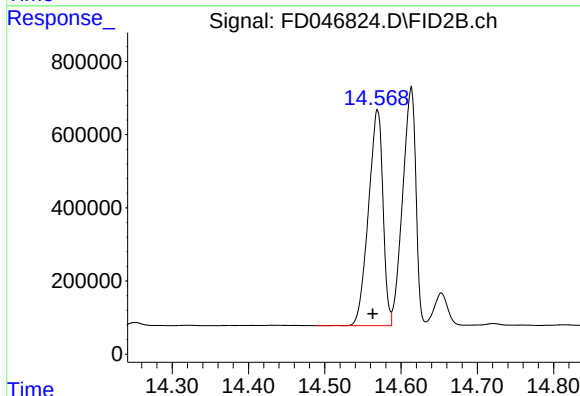
R.T.: 12.411 min
Delta R.T.: 0.005 min
Response: 9043973
Conc: 52.37 ug/ml



#13 Pyrene (C20.8)

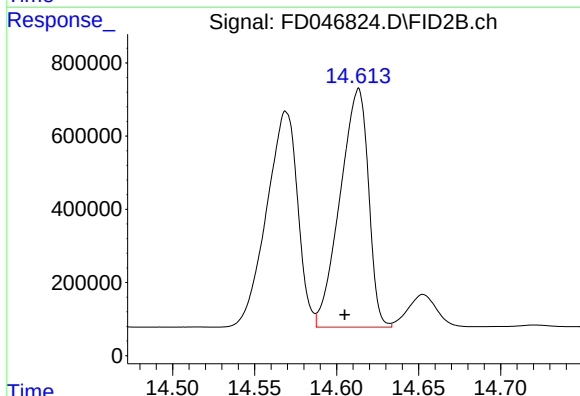
R.T.: 12.706 min
Delta R.T.: 0.007 min
Response: 8859747
Conc: 53.28 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMSD



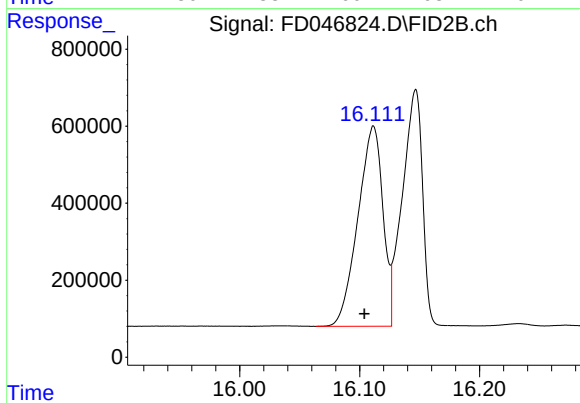
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: 0.006 min
Response: 7797123
Conc: 55.42 ug/ml



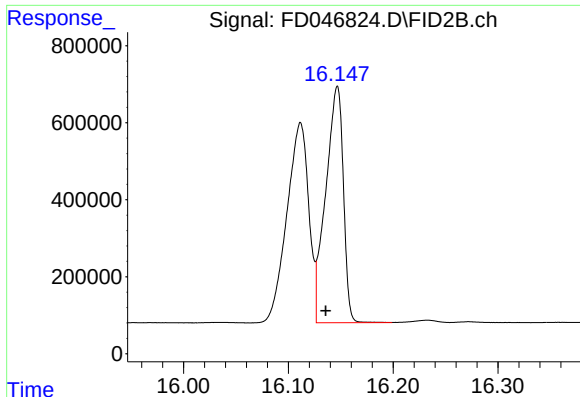
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: 0.008 min
Response: 7834168
Conc: 50.23 ug/ml



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

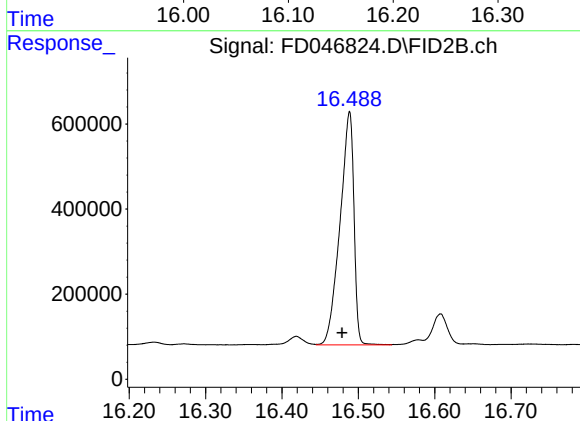
R.T.: 16.111 min
Delta R.T.: 0.007 min
Response: 7540580
Conc: 52.69 ug/ml



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

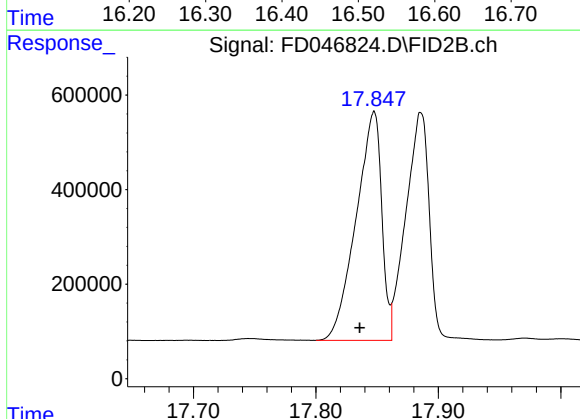
R.T.: 16.146 min
Delta R.T.: 0.010 min
Response: 7183657
Conc: 49.07 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMSD



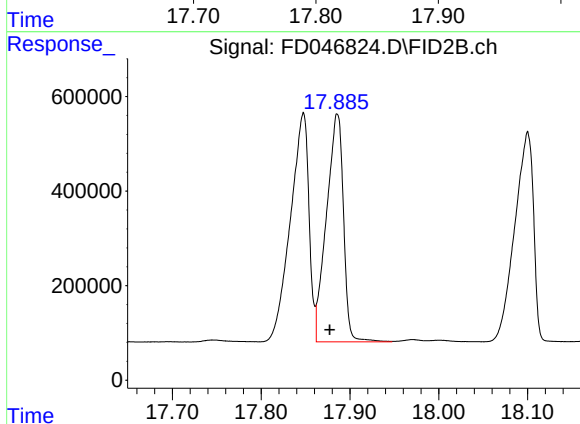
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.488 min
Delta R.T.: 0.009 min
Response: 6944251
Conc: 49.54 ug/ml



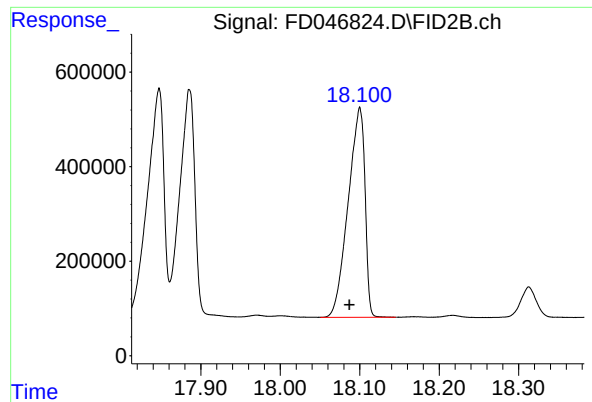
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.011 min
Response: 7035505
Conc: 55.69 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.008 min
Response: 6401681
Conc: 45.82 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.013 min
Response: 6521637
Conc: 46.71 ug/ml

Instrument :
FID_D
ClientSampleId :
SCFMSD