

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047983.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 23:54
 Operator : YP/AJ
 Sample : P3141-05MS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 03 05:00:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 2024
 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...	7.415	7556729	51.961 ug/ml
Spiked Amount 50.000		Recovery =	103.92%
6) S 2-Fluorobiphenyl (SURR)	8.266	4850425	49.795 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.59%
11) S ortho-Terphenyl (SURR)	11.304	6032681	35.897 ug/ml
Spiked Amount 50.000		Recovery =	71.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.232	6103218	37.974 ug/ml
2) T Naphthalene (C11.7)	5.753	7136371	42.142 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	7741236	44.958 ug/ml
5) T Acenaphthylene (C15.06)	8.070	8336988	49.636 ug/ml
7) T Acenaphthene (C15.5)	8.366	8409475	49.615 ug/ml
8) T Flouorene (C16.55)	9.144	8616808	51.894 ug/ml
9) T Phenanthrene (C19.36)	10.533	8782218	53.645 ug/ml
10) T Anthracene (C19.43)	10.609	8834200	54.317 ug/ml
12) T Fluoranthene (C21.85)	12.339	8845222	53.714 ug/ml
13) T Pyrene (C20.8)	12.633	8927230	54.750 ug/ml
14) T Benzo[a]anthracene (C...	14.501	8318234	54.227 ug/ml
15) T Chrysene (C27.41)	14.545	8199448	50.135 ug/ml
16) T benzo[b]fluoranthene ...	16.049	8150941	53.049 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	8062819	53.830 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.425	7717513	50.645 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	8386238	63.778 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	7521747	47.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	7410599	49.296 ug/ml

(f)=RT Delta > 1/2 Window

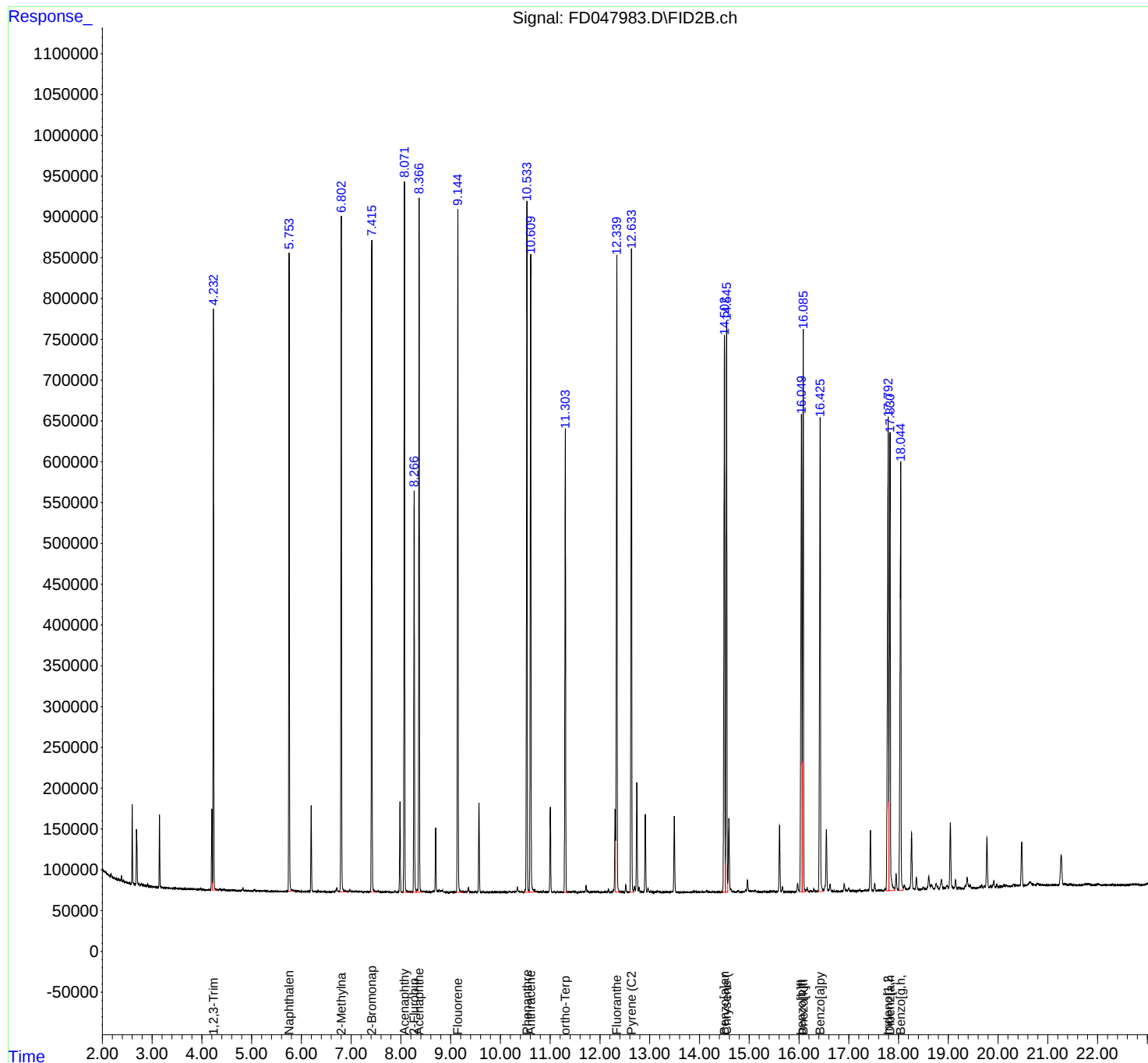
(m)=manual int.

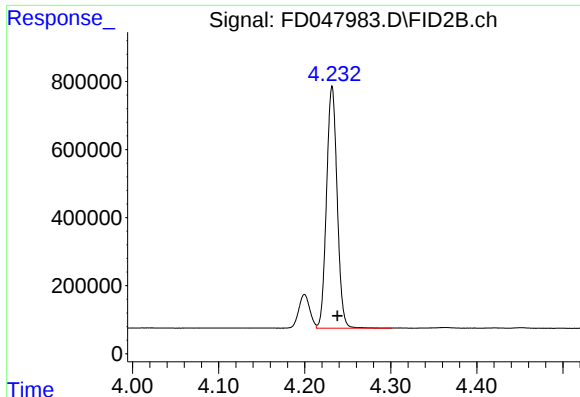
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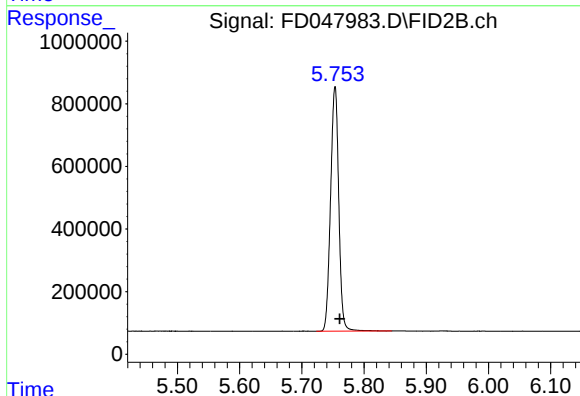




#1 1,2,3-Trimethylbenzene (C10.1)

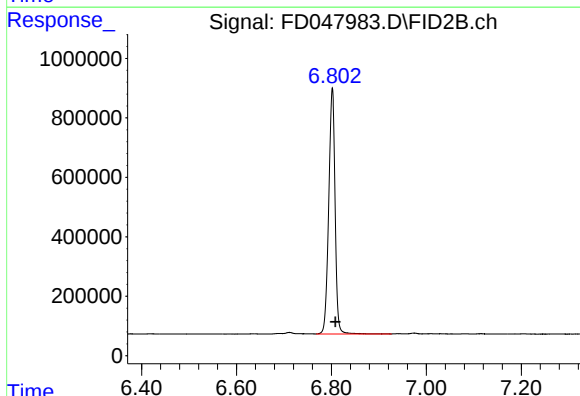
R.T.: 4.232 min
Delta R.T.: -0.006 min
Response: 6103218
Conc: 37.97 ug/ml

Instrument :
FID_D
ClientSampleId :



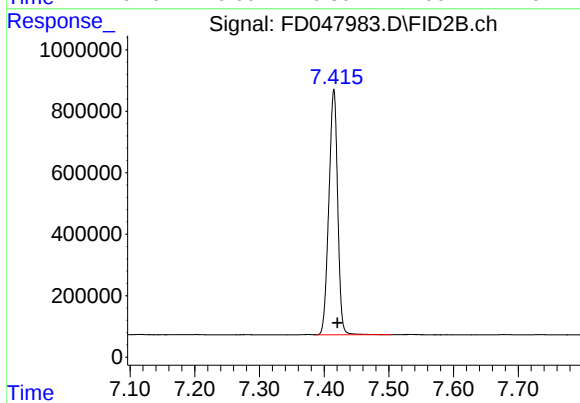
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.007 min
Response: 7136371
Conc: 42.14 ug/ml



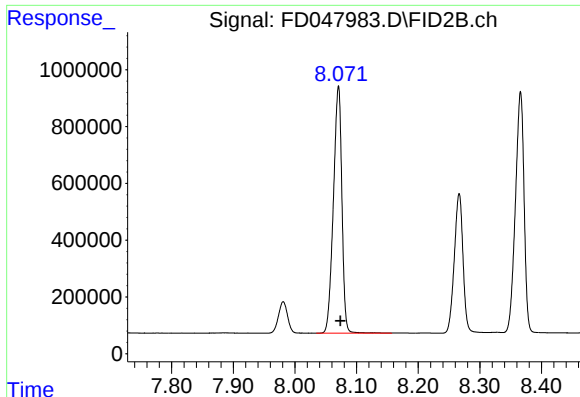
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.007 min
Response: 7741236
Conc: 44.96 ug/ml



#4 2-Bromonaphthalene (SURR)

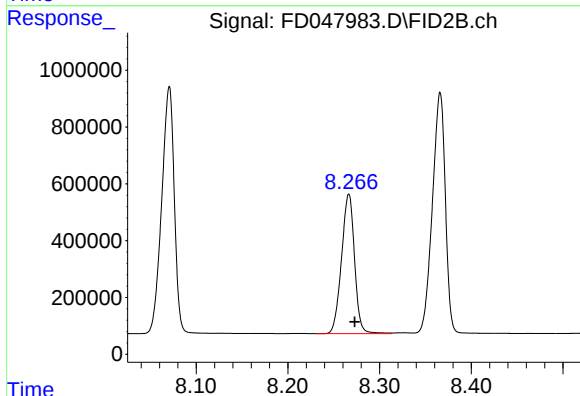
R.T.: 7.415 min
Delta R.T.: -0.006 min
Response: 7556729
Conc: 51.96 ug/ml



#5 Acenaphthylene (C15.06)

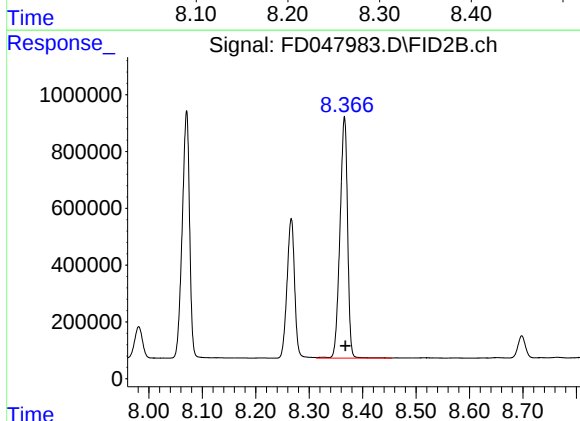
R.T.: 8.070 min
Delta R.T.: -0.003 min
Response: 8336988
Conc: 49.64 ug/ml

Instrument :
FID_D
ClientSampleId :



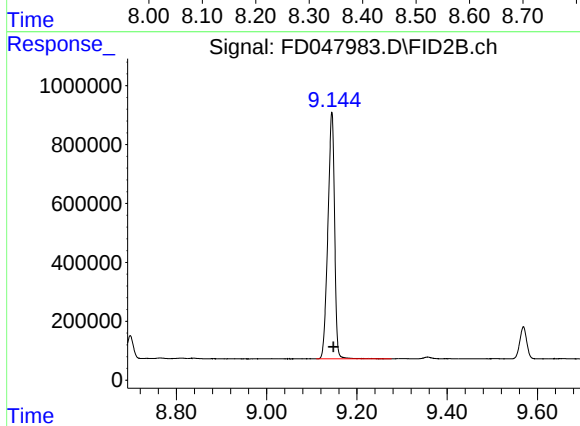
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.266 min
Delta R.T.: -0.007 min
Response: 4850425
Conc: 49.79 ug/ml



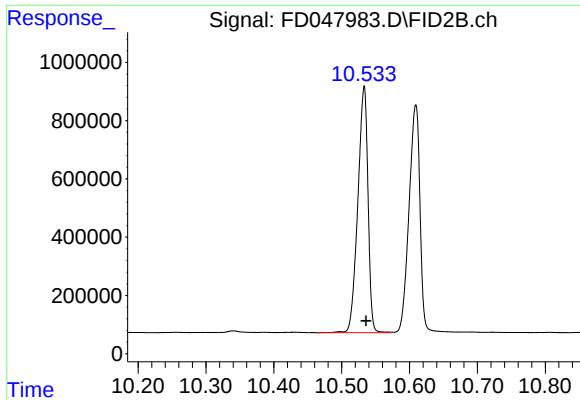
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 8409475
Conc: 49.62 ug/ml



#8 Flouorene (C16.55)

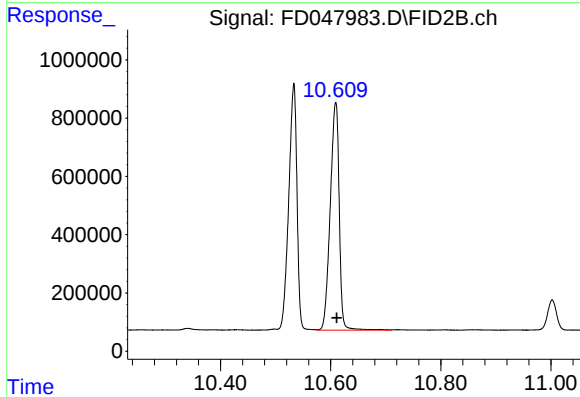
R.T.: 9.144 min
Delta R.T.: -0.004 min
Response: 8616808
Conc: 51.89 ug/ml



#9 Phenanthrene (C19.36)

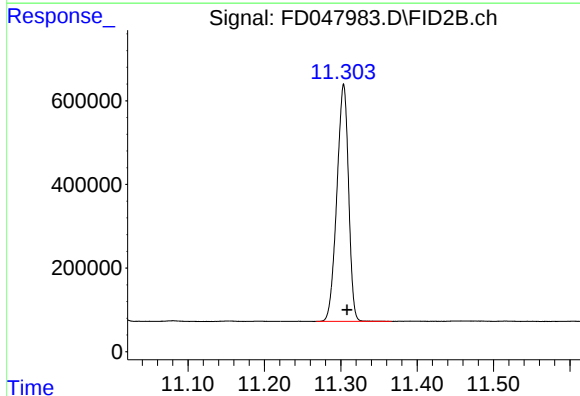
R.T.: 10.533 min
Delta R.T.: -0.004 min
Response: 8782218
Conc: 53.64 ug/ml

Instrument :
FID_D
ClientSampleId :



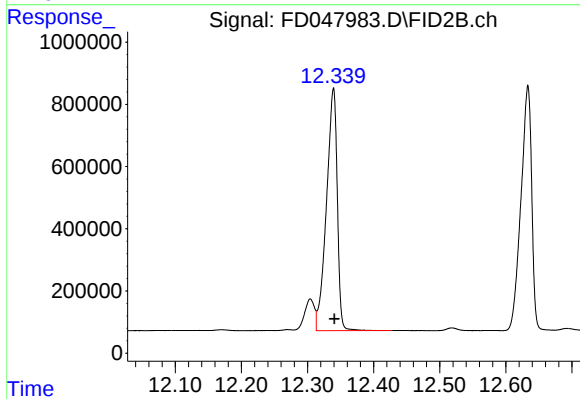
#10 Anthracene (C19.43)

R.T.: 10.609 min
Delta R.T.: -0.002 min
Response: 8834200
Conc: 54.32 ug/ml



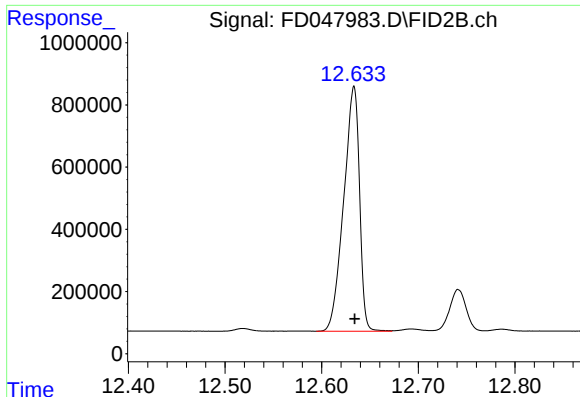
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: -0.005 min
Response: 6032681
Conc: 35.90 ug/ml



#12 Fluoranthene (C21.85)

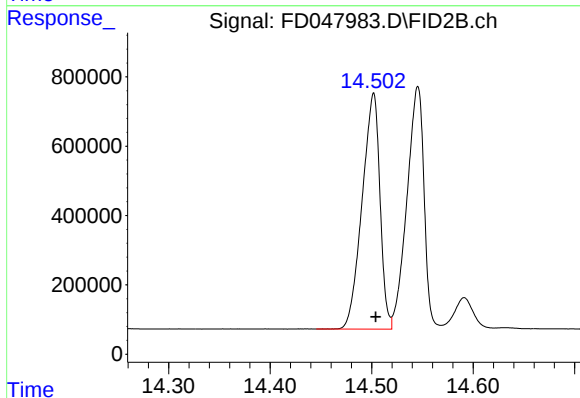
R.T.: 12.339 min
Delta R.T.: -0.002 min
Response: 8845222
Conc: 53.71 ug/ml



#13 Pyrene (C20.8)

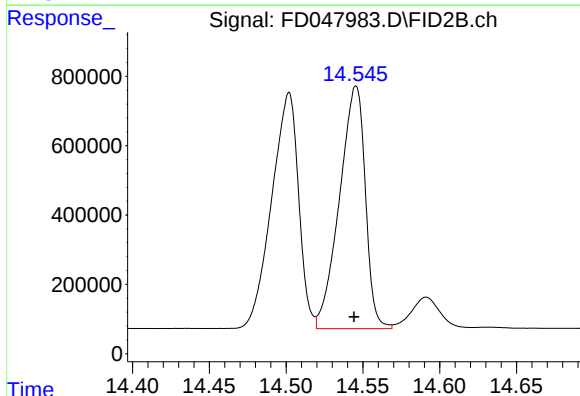
R.T.: 12.633 min
Delta R.T.: -0.001 min
Response: 8927230
Conc: 54.75 ug/ml

Instrument :
FID_D
ClientSampleId :



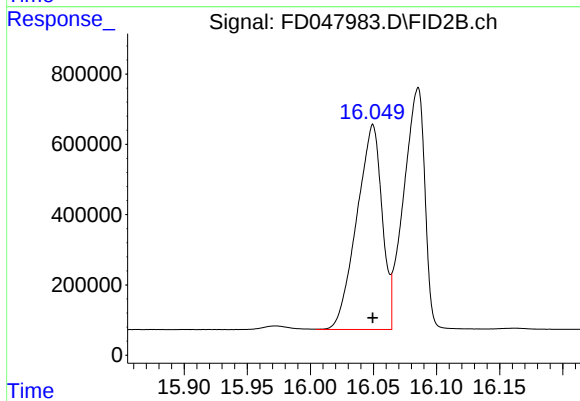
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.003 min
Response: 8318234
Conc: 54.23 ug/ml



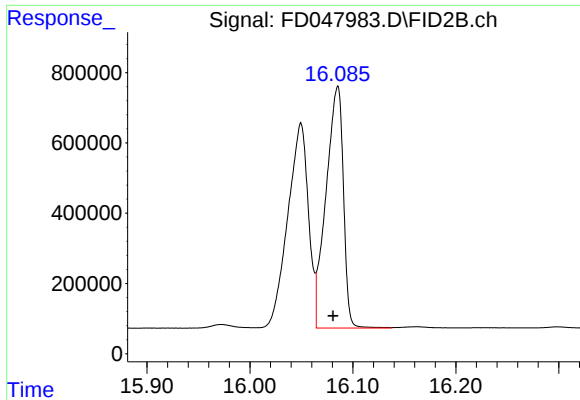
#15 Chrysene (C27.41)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 8199448
Conc: 50.14 ug/ml



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

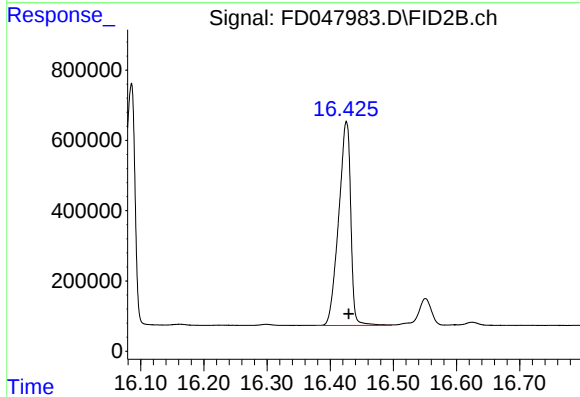
R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 8150941
Conc: 53.05 ug/ml



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

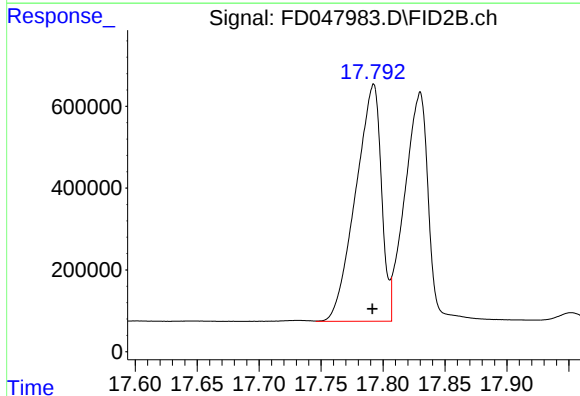
R.T.: 16.084 min
Delta R.T.: 0.003 min
Response: 8062819
Conc: 53.83 ug/ml

Instrument :
FID_D
ClientSampleId :



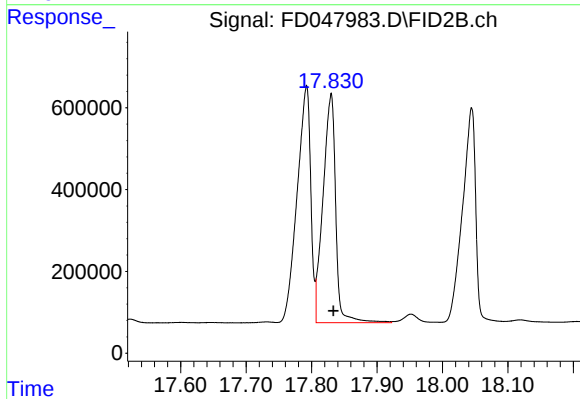
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.425 min
Delta R.T.: -0.004 min
Response: 7717513
Conc: 50.64 ug/ml



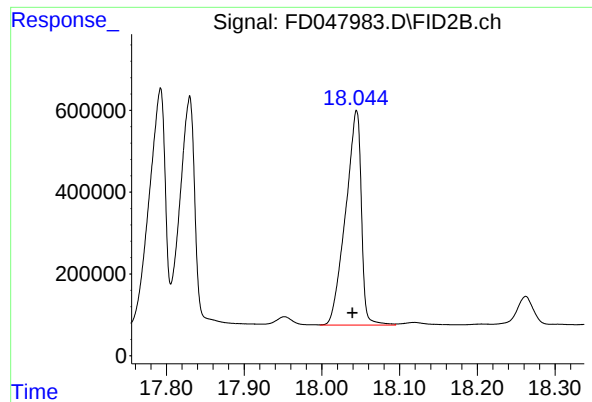
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 8386238
Conc: 63.78 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.004 min
Response: 7521747
Conc: 47.49 ug/ml



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

R.T.: 18.044 min
Delta R.T.: 0.005 min
Response: 7410599
Conc: 49.30 ug/ml

Instrument :

FID_D

ClientSampleId :