

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041223AR\
 Data File : FD045474.D
 Signal(s) : FID2B.ch
 Acq On : 12 Apr 2023 20:02
 Operator : YP/AJ
 Sample : 02257-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 02:58:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.548	6895686	50.330 ug/ml
Spiked Amount 50.000		Recovery =	100.66%
6) S 2-Fluorobiphenyl (SURR)	8.402	4296148	47.923 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.85%
11) S ortho-Terphenyl (SURR)	11.442	5607966	32.233 ug/ml
Spiked Amount 50.000		Recovery =	64.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	393131	2.524 ug/ml
2) T Naphthalene (C11.7)	5.882	2851596	17.744 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	97533	0.609 ug/ml
5) T Acenaphthylene (C15.06)	8.213	505665	3.454 ug/ml
7) T Acenaphthene (C15.5)	8.534	49413	0.319 ug/ml
8) T Fluorene (C16.55)	9.296	101779	0.686 ug/ml
9) T Phenanthrene (C19.36)	10.657	62199	0.429 ug/ml
10) T Anthracene (C19.43)	10.703	85883	0.621 ug/ml
12) T Fluoranthene (C21.85)	12.469	333288	2.317 ug/ml
13) T Pyrene (C20.8)	12.785	1101666	7.835 ug/ml
14) T Benzo[a]anthracene (C...	14.629	6059442	47.250 ug/ml
15) T Chrysene (C27.41)	14.674	2563389	19.331 ug/ml
16) T benzo[b]fluoranthene ...	16.183	6593541	50.757 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	6593541	52.059 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	2589043	20.592 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	1673295	14.138 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	2644520	22.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.161	976867	7.821 ug/ml

(f)=RT Delta > 1/2 Window

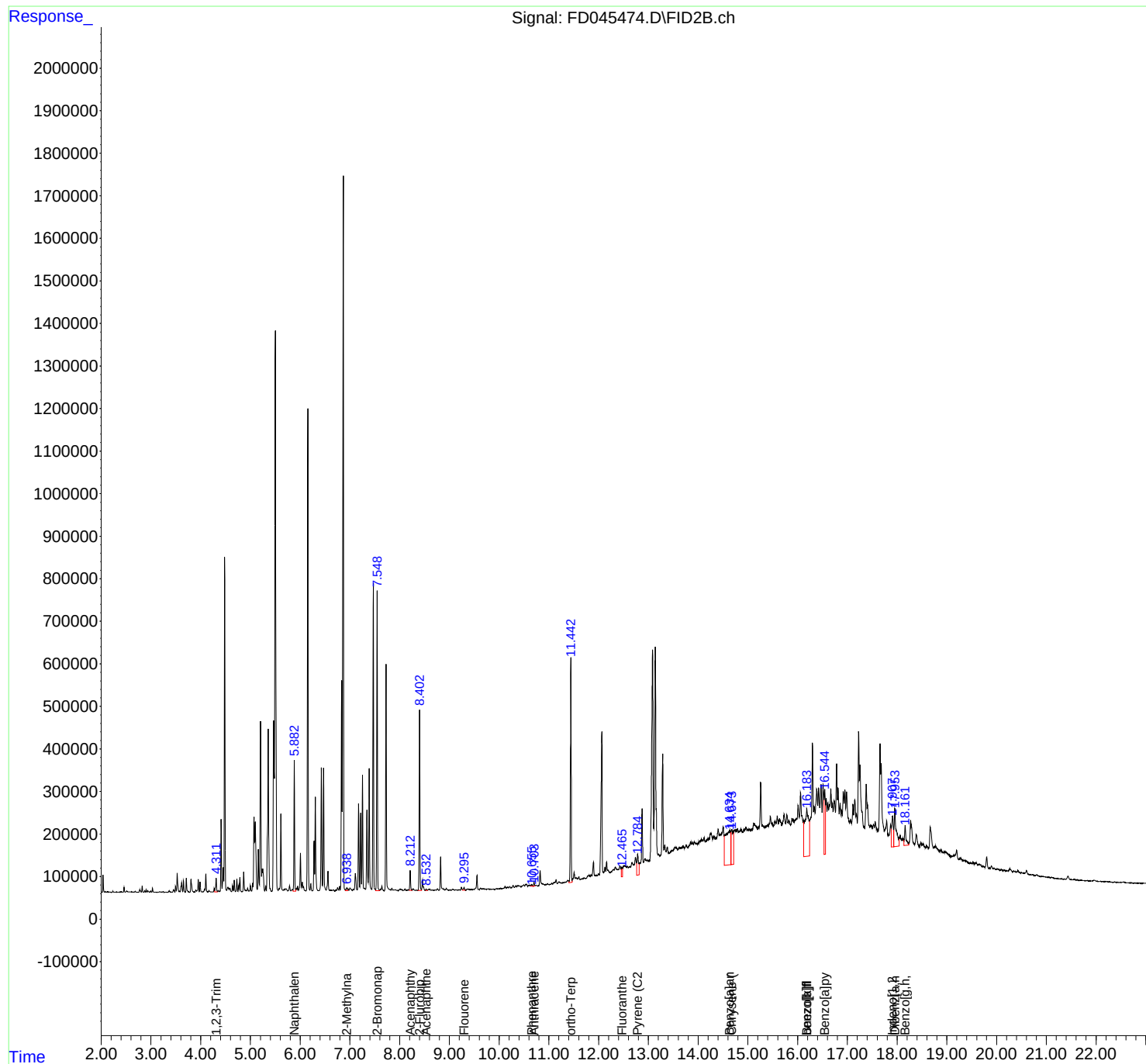
(m)=manual int.

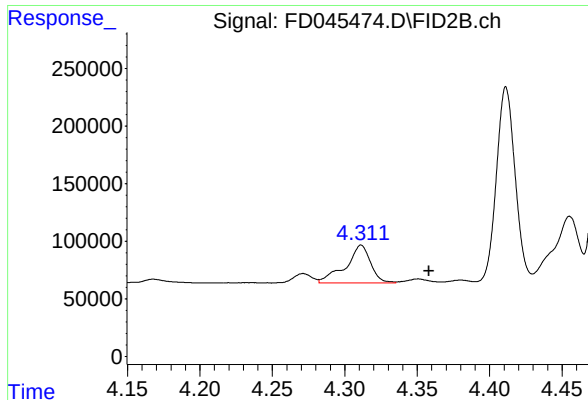
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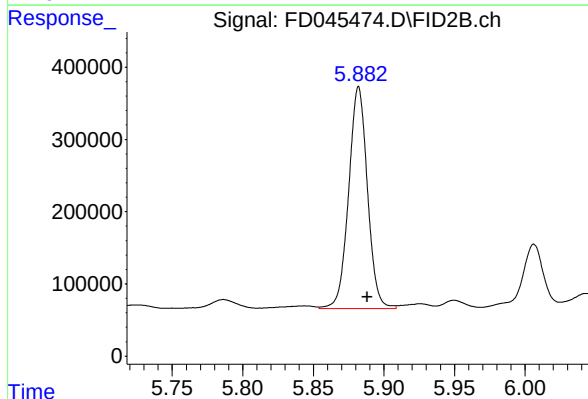
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.311 min
Delta R.T.: -0.047 min
Response: 393131
Conc: 2.52 ug/ml

Instrument :

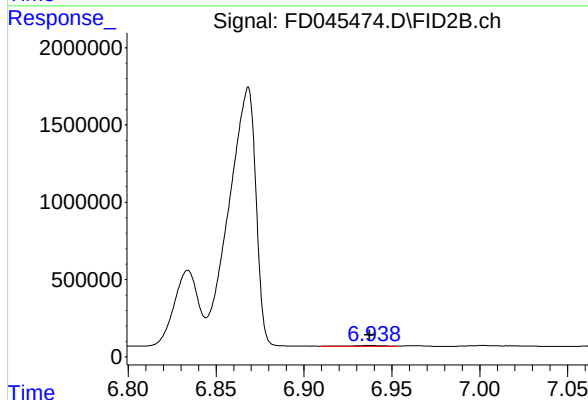
FID_D

ClientSampleId :



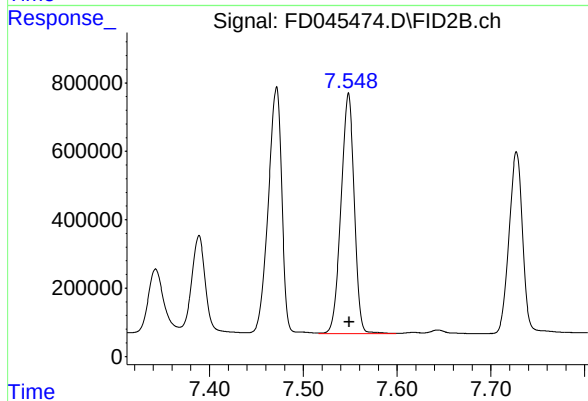
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 2851596
Conc: 17.74 ug/ml



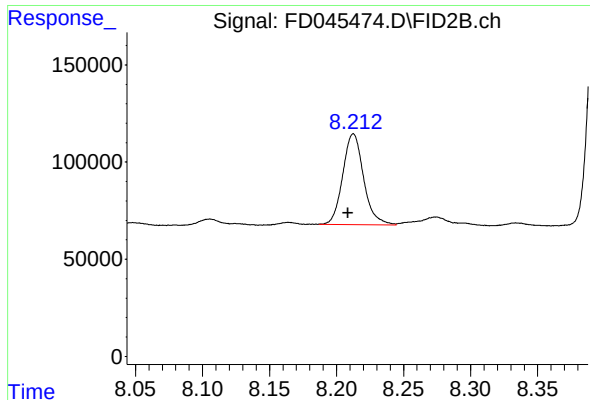
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 97533
Conc: 0.61 ug/ml



#4 2-Bromonaphthalene (SURR)

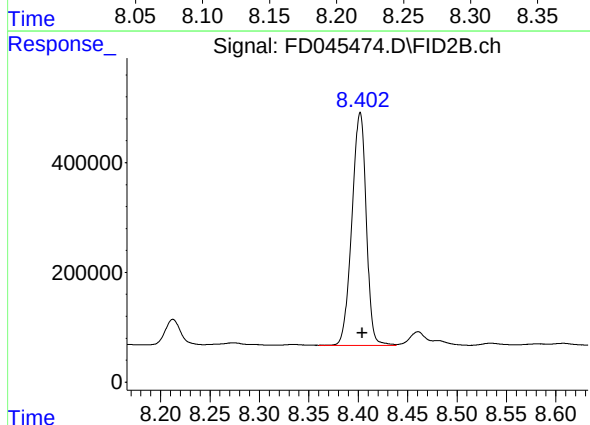
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 6895686
Conc: 50.33 ug/ml



#5 Acenaphthylene (C15.06)

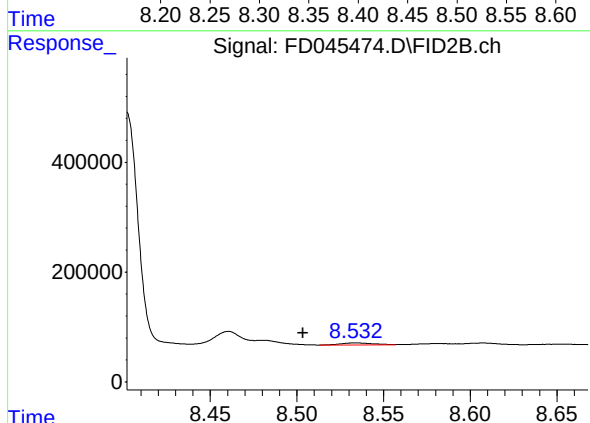
R.T.: 8.213 min
Delta R.T.: 0.004 min
Response: 505665
Conc: 3.45 ug/ml

Instrument :
FID_D
ClientSampleId :



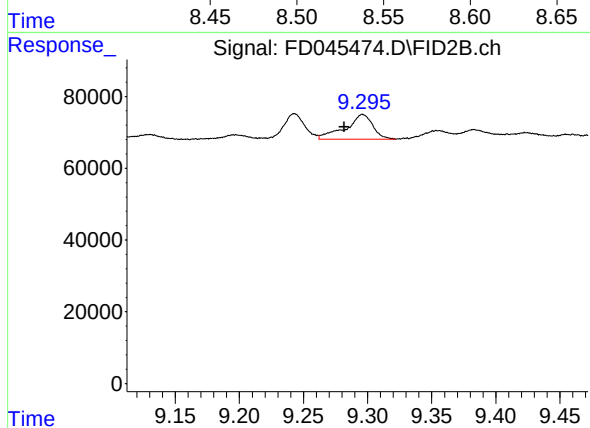
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 4296148
Conc: 47.92 ug/ml



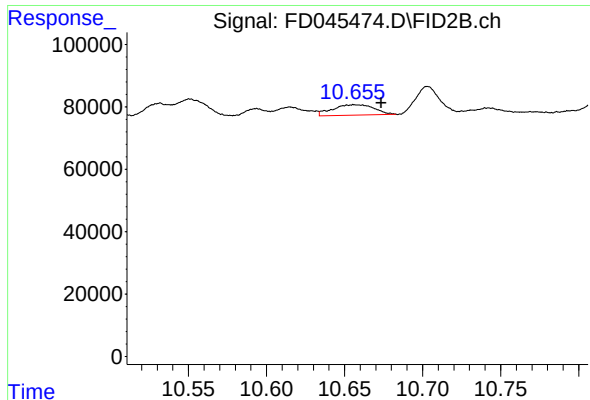
#7 Acenaphthene (C15.5)

R.T.: 8.534 min
Delta R.T.: 0.030 min
Response: 49413
Conc: 0.32 ug/ml



#8 Flouorene (C16.55)

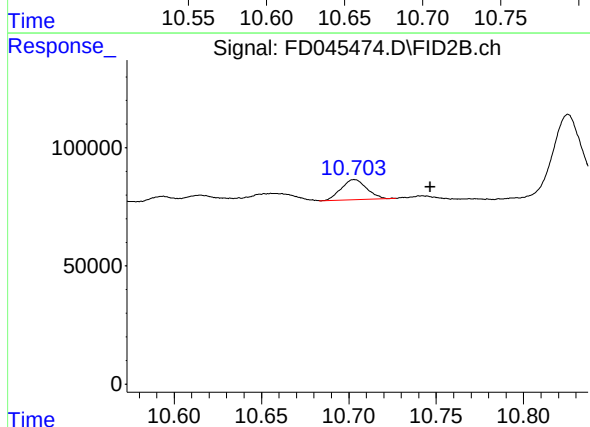
R.T.: 9.296 min
Delta R.T.: 0.014 min
Response: 101779
Conc: 0.69 ug/ml



#9 Phenanthrene (C19.36)

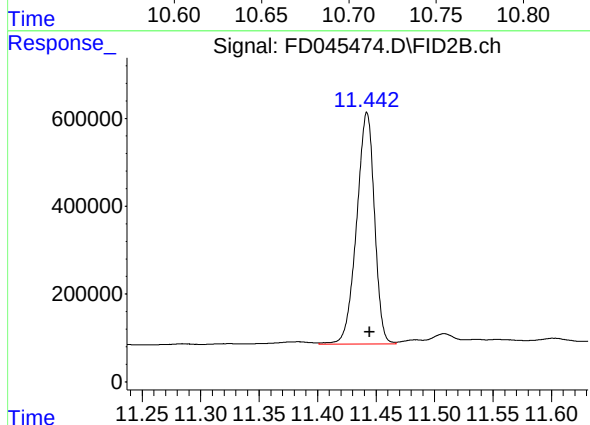
R.T.: 10.657 min
Delta R.T.: -0.017 min
Response: 62199
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



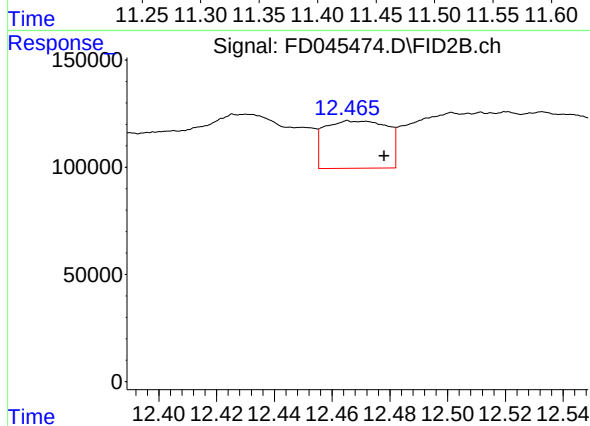
#10 Anthracene (C19.43)

R.T.: 10.703 min
Delta R.T.: -0.043 min
Response: 85883
Conc: 0.62 ug/ml



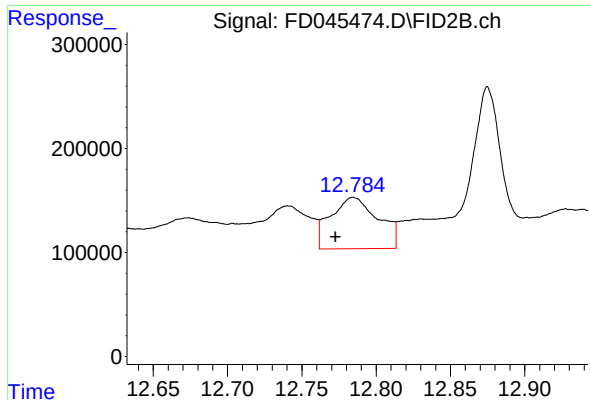
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.002 min
Response: 5607966
Conc: 32.23 ug/ml



#12 Fluoranthene (C21.85)

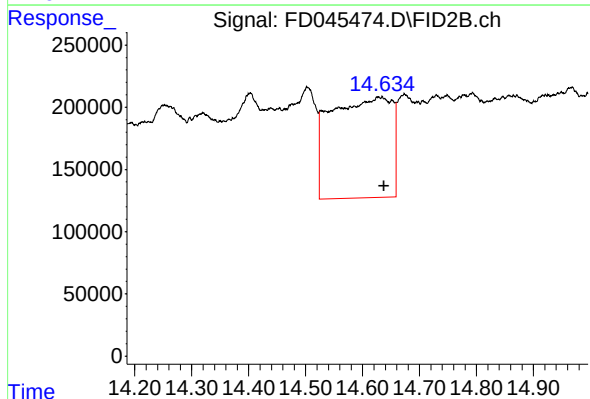
R.T.: 12.469 min
Delta R.T.: -0.009 min
Response: 333288
Conc: 2.32 ug/ml



#13 Pyrene (C20.8)

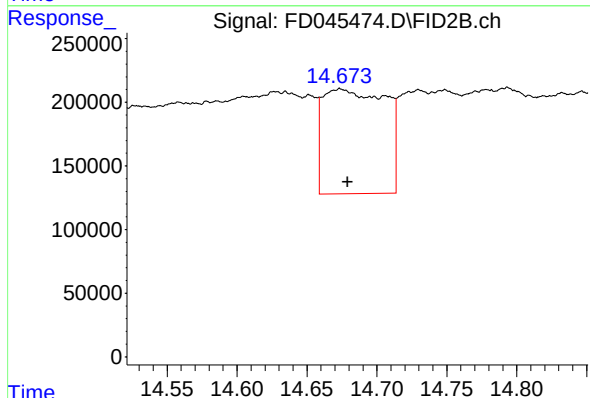
R.T.: 12.785 min
Delta R.T.: 0.012 min
Response: 1101666
Conc: 7.84 ug/ml

Instrument :
FID_D
ClientSampleId :



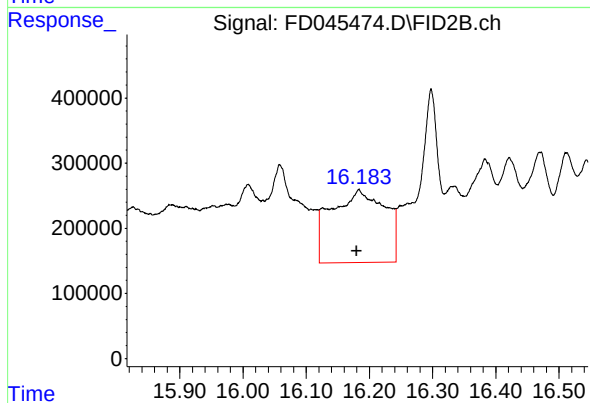
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.009 min
Response: 6059442
Conc: 47.25 ug/ml



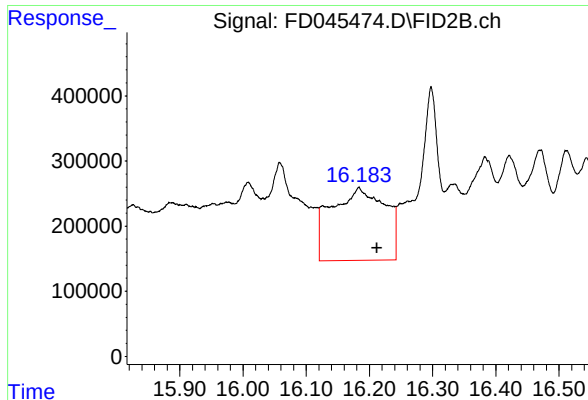
#15 Chrysene (C27.41)

R.T.: 14.674 min
Delta R.T.: -0.006 min
Response: 2563389
Conc: 19.33 ug/ml



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

R.T.: 16.183 min
Delta R.T.: 0.004 min
Response: 6593541
Conc: 50.76 ug/ml



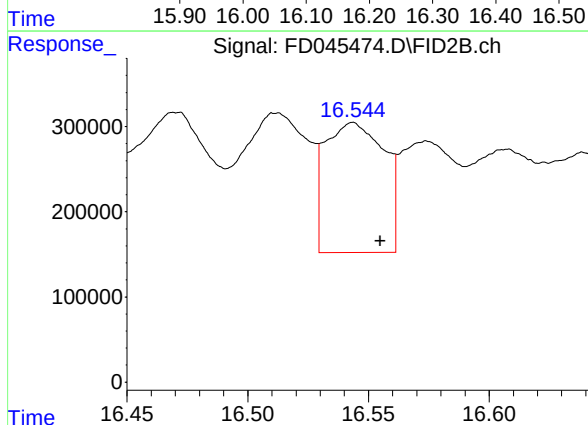
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.183 min
Delta R.T.: -0.029 min
Response: 6593541
Conc: 52.06 ug/ml

Instrument :

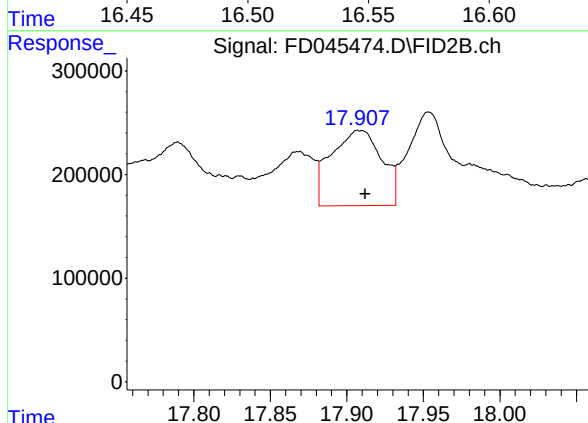
FID_D

ClientSampleId :



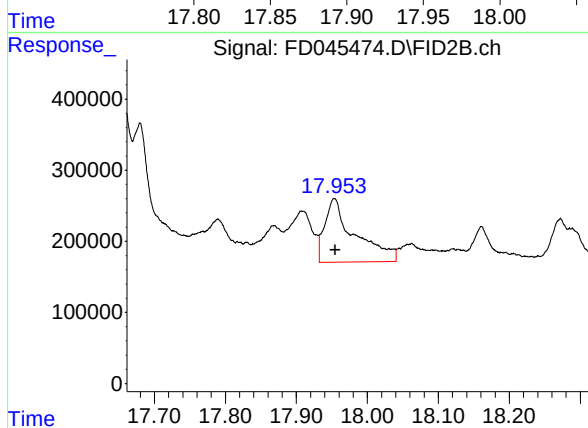
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.011 min
Response: 2589043
Conc: 20.59 ug/ml



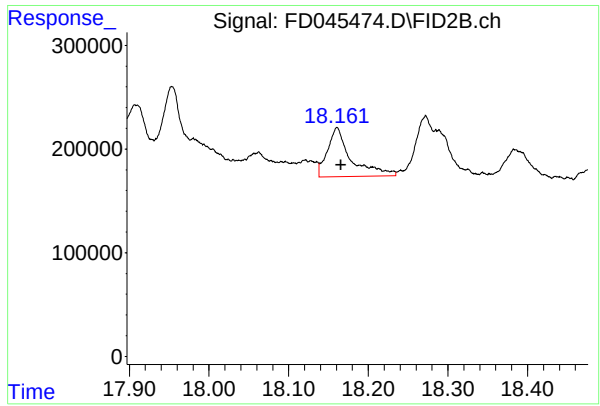
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.909 min
Delta R.T.: -0.003 min
Response: 1673295
Conc: 14.14 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.002 min
Response: 2644520
Conc: 22.20 ug/ml



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

R.T.: 18.161 min
Delta R.T.: -0.005 min
Response: 976867
Conc: 7.82 ug/ml

Instrument :
FID_D
ClientSampleId :