

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043177.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 15:25
 Operator : YP/AJ
 Sample : N3564-29D
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 07 01:55:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.631	6448099	41.760 ug/ml
Spiked Amount 50.000		Recovery =	83.52%
6) S 2-Fluorobiphenyl (SURR)	8.497	3923950	37.203 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.41%
11) S ortho-Terphenyl (SURR)	11.546	5117353	28.156 ug/ml
Spiked Amount 50.000		Recovery =	56.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.452	68064	0.405 ug/ml
2) T Naphthalene (C11.7)	5.965	136917	0.782 ug/ml
3) T 2-Methylnaphthalene (...)	7.019	657144	4.086 ug/ml
5) T Acenaphthylene (C15.06)	8.283	1865371	10.494 ug/ml
7) T Acenaphthene (C15.5)	8.608	574933	3.283 ug/ml
8) T Flouorene (C16.55)	9.377	642443	3.706 ug/ml
9) T Phenanthrene (C19.36)	10.776	2651546	15.460 ug/ml
10) T Anthracene (C19.43)	10.853	1368529	8.055 ug/ml
12) T Fluoranthene (C21.85)	12.598	1065264	6.352 ug/ml
13) T Pyrene (C20.8)	12.895	893665	5.484 ug/ml
14) T Benzo[a]anthracene (C...	14.775	5995128	38.604 ug/ml
15) T Chrysene (C27.41)	14.821	7708052	48.838 ug/ml
16) T benzo[b]fluoranthene ...	16.331	8211360	53.867 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	8211360	56.104 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.707	3464454	24.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	489861	3.915 ug/ml
20) T Dibenz[a,h]anthracene...	18.104	1116915	8.308 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	2100466	16.104 ug/ml

(f)=RT Delta > 1/2 Window

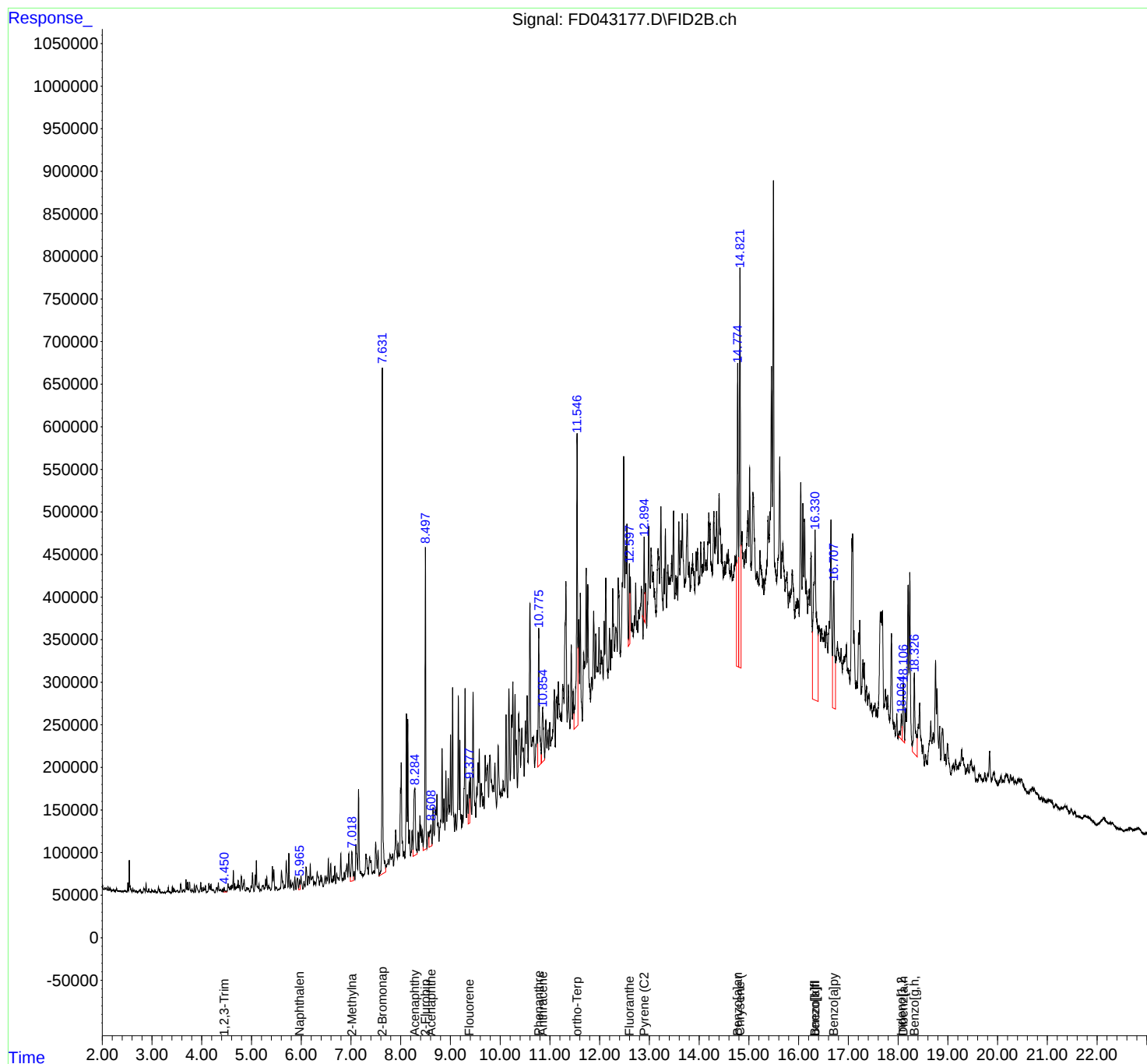
(m)=manual int.

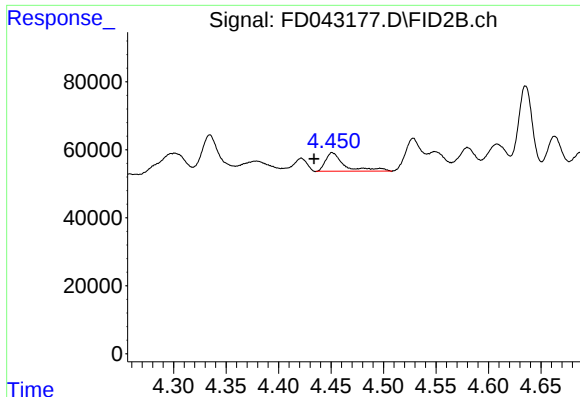
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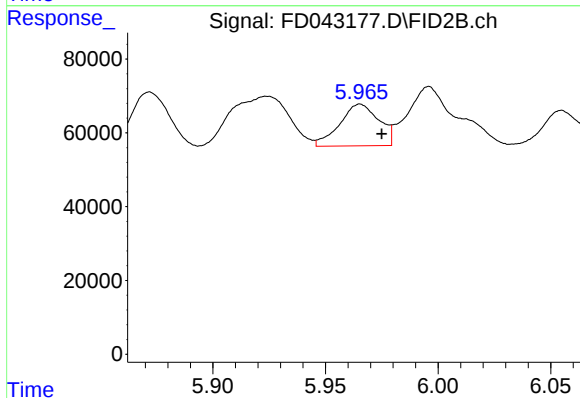




#1 1,2,3-Trimethylbenzene (C10.1)

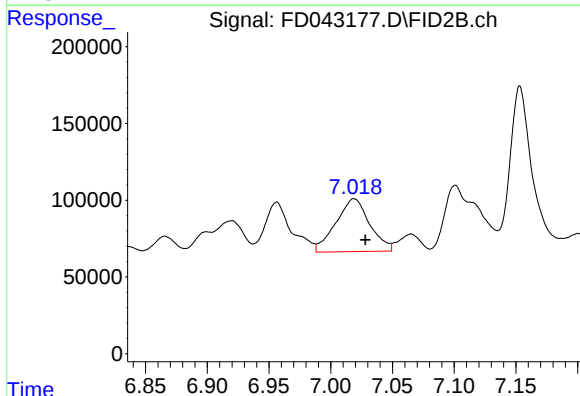
R.T.: 4.452 min
Delta R.T.: 0.018 min
Response: 68064
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



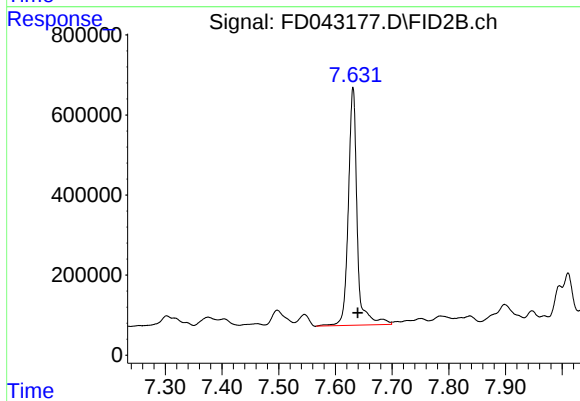
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 136917
Conc: 0.78 ug/ml



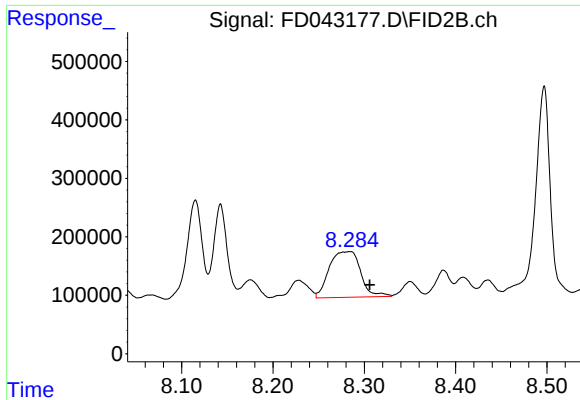
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.009 min
Response: 657144
Conc: 4.09 ug/ml



#4 2-Bromonaphthalene (SURR)

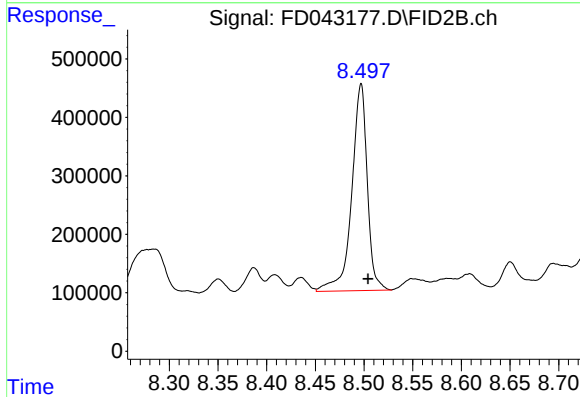
R.T.: 7.631 min
Delta R.T.: -0.009 min
Response: 6448099
Conc: 41.76 ug/ml



#5 Acenaphthylene (C15.06)

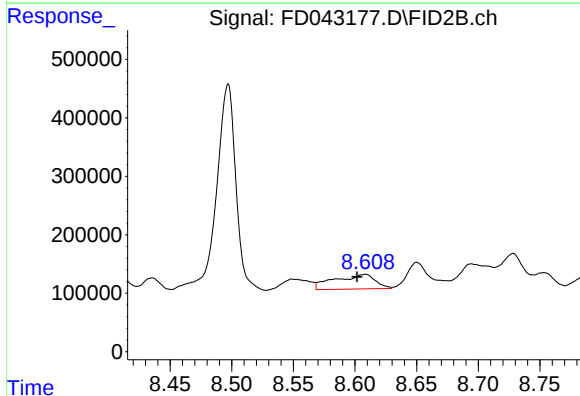
R.T.: 8.283 min
Delta R.T.: -0.023 min
Response: 1865371
Conc: 10.49 ug/ml

Instrument :
FID_D
ClientSampleId :



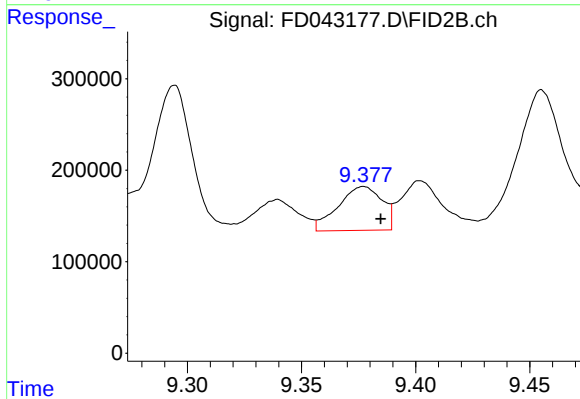
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.008 min
Response: 3923950
Conc: 37.20 ug/ml



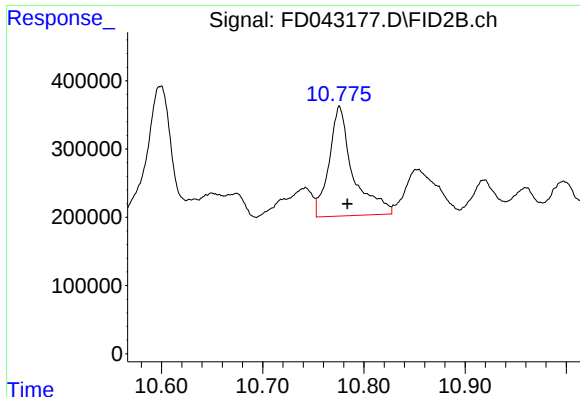
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: 0.006 min
Response: 574933
Conc: 3.28 ug/ml



#8 Flouorene (C16.55)

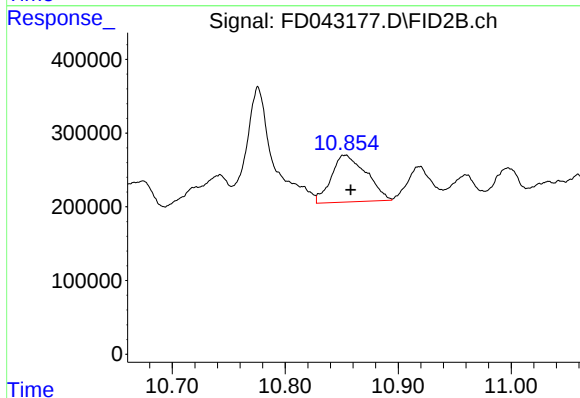
R.T.: 9.377 min
Delta R.T.: -0.008 min
Response: 642443
Conc: 3.71 ug/ml



#9 Phenanthrene (C19.36)

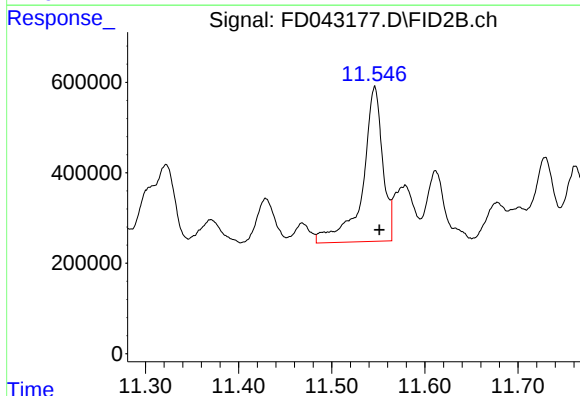
R.T.: 10.776 min
Delta R.T.: -0.008 min
Response: 2651546
Conc: 15.46 ug/ml

Instrument :
FID_D
ClientSampleId :



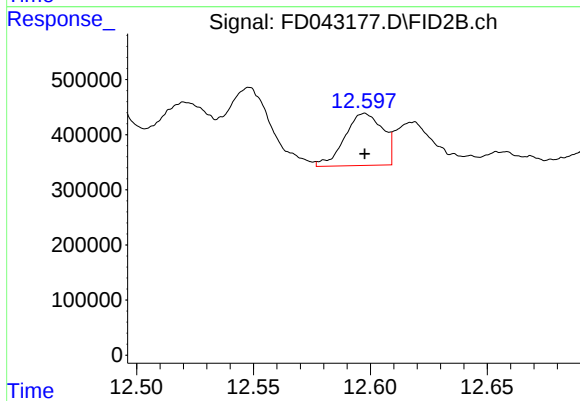
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 1368529
Conc: 8.06 ug/ml



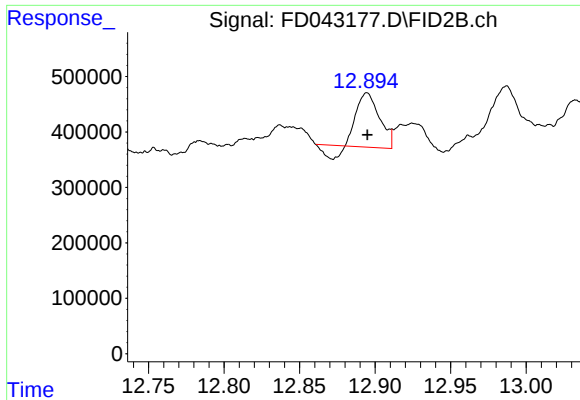
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min
Delta R.T.: -0.005 min
Response: 5117353
Conc: 28.16 ug/ml



#12 Fluoranthene (C21.85)

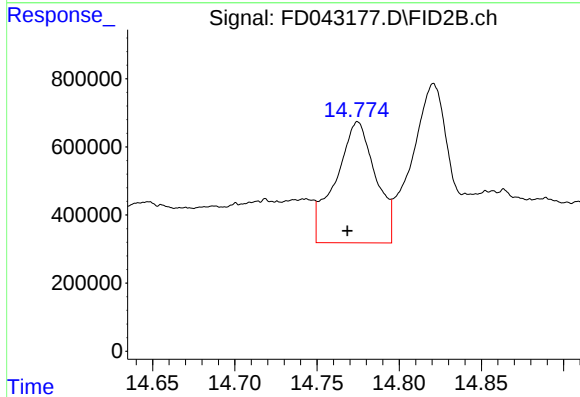
R.T.: 12.598 min
Delta R.T.: 0.000 min
Response: 1065264
Conc: 6.35 ug/ml



#13 Pyrene (C20.8)

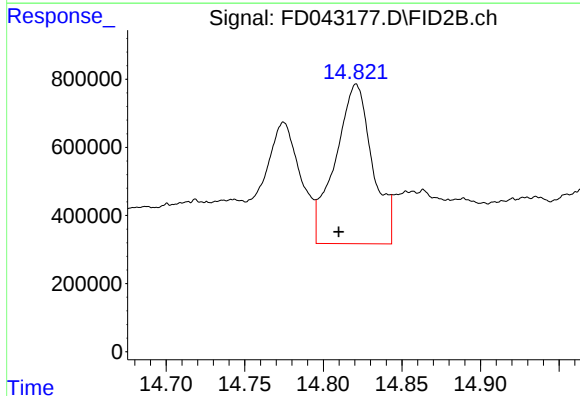
R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 893665
Conc: 5.48 ug/ml

Instrument :
FID_D
ClientSampleId :



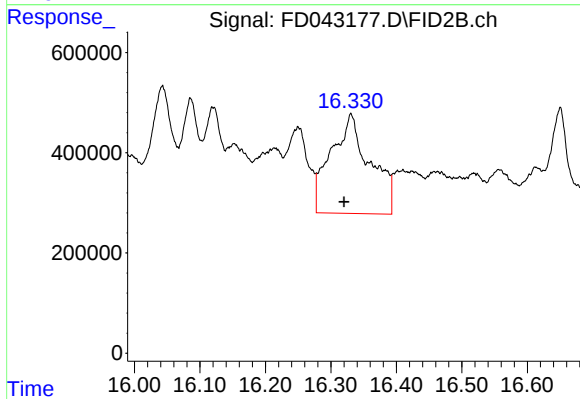
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.775 min
Delta R.T.: 0.006 min
Response: 5995128
Conc: 38.60 ug/ml



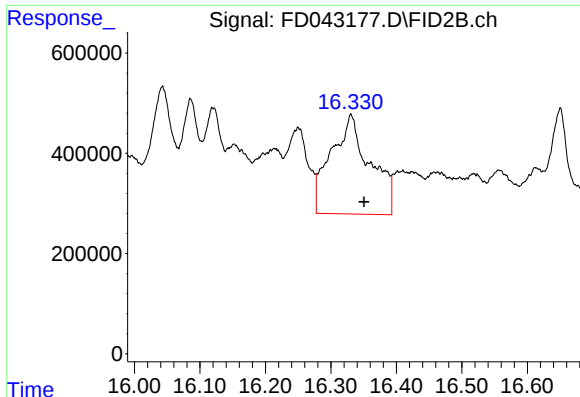
#15 Chrysene (C27.41)

R.T.: 14.821 min
Delta R.T.: 0.011 min
Response: 7708052
Conc: 48.84 ug/ml



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

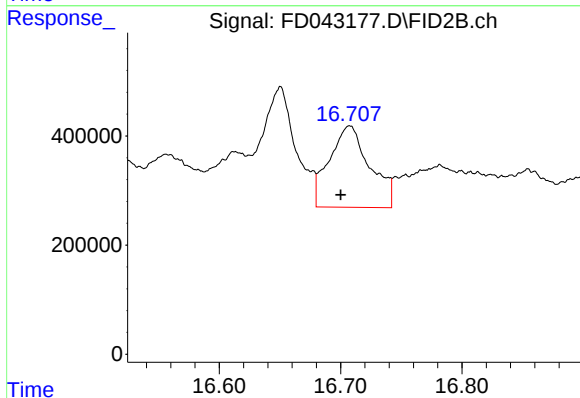
R.T.: 16.331 min
Delta R.T.: 0.011 min
Response: 8211360
Conc: 53.87 ug/ml



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

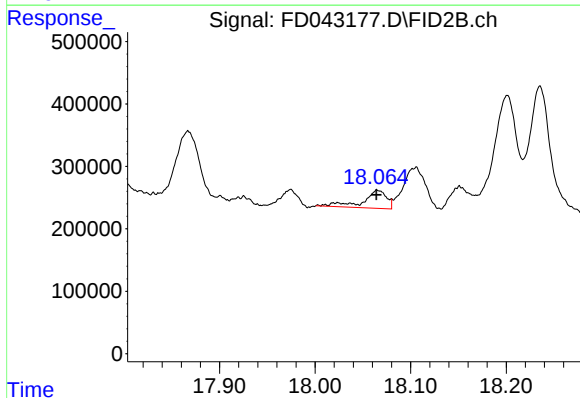
R.T.: 16.331 min
Delta R.T.: -0.020 min
Response: 8211360
Conc: 56.10 ug/ml

Instrument :
FID_D
ClientSampleId :



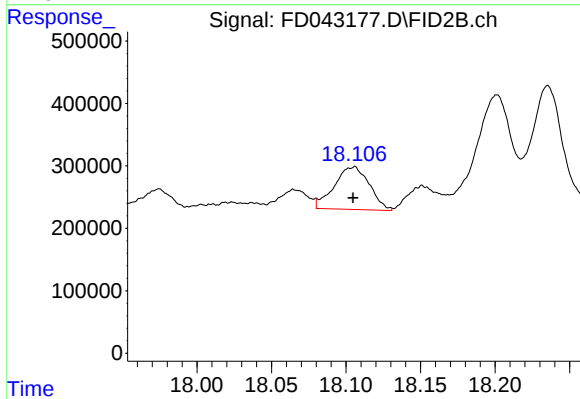
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.707 min
Delta R.T.: 0.007 min
Response: 3464454
Conc: 24.22 ug/ml



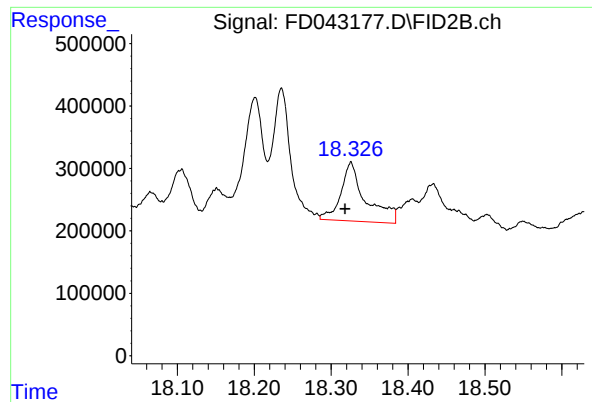
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: 0.002 min
Response: 489861
Conc: 3.91 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.000 min
Response: 1116915
Conc: 8.31 ug/ml



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

R.T.: 18.326 min
Delta R.T.: 0.007 min
Response: 2100466
Conc: 16.10 ug/ml

Instrument :
FID_D
ClientSampleId :