

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045880.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 10:28
 Operator : YP/AJ
 Sample : 03282-11
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:23:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.528	12469523	69.165 ug/ml
Spiked Amount 50.000		Recovery =	138.33%
6) S 2-Fluorobiphenyl (SURR)	8.384	8195512	68.167 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	136.33%#
11) S ortho-Terphenyl (SURR)	11.420	5956113	26.665 ug/ml
Spiked Amount 50.000		Recovery =	53.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296f	21188	0.105 ug/ml
2) T Naphthalene (C11.7)	5.863	64692	0.305 ug/ml
3) T 2-Methylnaphthalene (...)	6.915	66063	0.313 ug/ml
5) T Acenaphthylene (C15.06)	8.181	30810	0.163 ug/ml
7) T Acenaphthene (C15.5)	8.435f	48948	0.242 ug/ml
8) T Fluorene (C16.55)	9.264	40731	0.206 ug/ml
9) T Phenanthrene (C19.36)	10.644	117478	0.614 ug/ml
10) T Anthracene (C19.43)	10.720	36398	0.214 ug/ml
12) T Fluoranthene (C21.85)	12.447	174626	0.945 ug/ml
13) T Pyrene (C20.8)	12.741	145520	0.815 ug/ml
14) T Benzo[a]anthracene (C...	14.604	69236	0.442 ug/ml
15) T Chrysene (C27.41)	14.645	151177	0.916 ug/ml
16) T benzo[b]fluoranthene ...	16.175	74285	0.491 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	74285	0.480 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	80769	0.552 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	74858	0.511 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	106938	0.713 ug/ml
21) T Benzo[g,h,i]perylene ...	18.123	80250	0.544 ug/ml

(f)=RT Delta > 1/2 Window

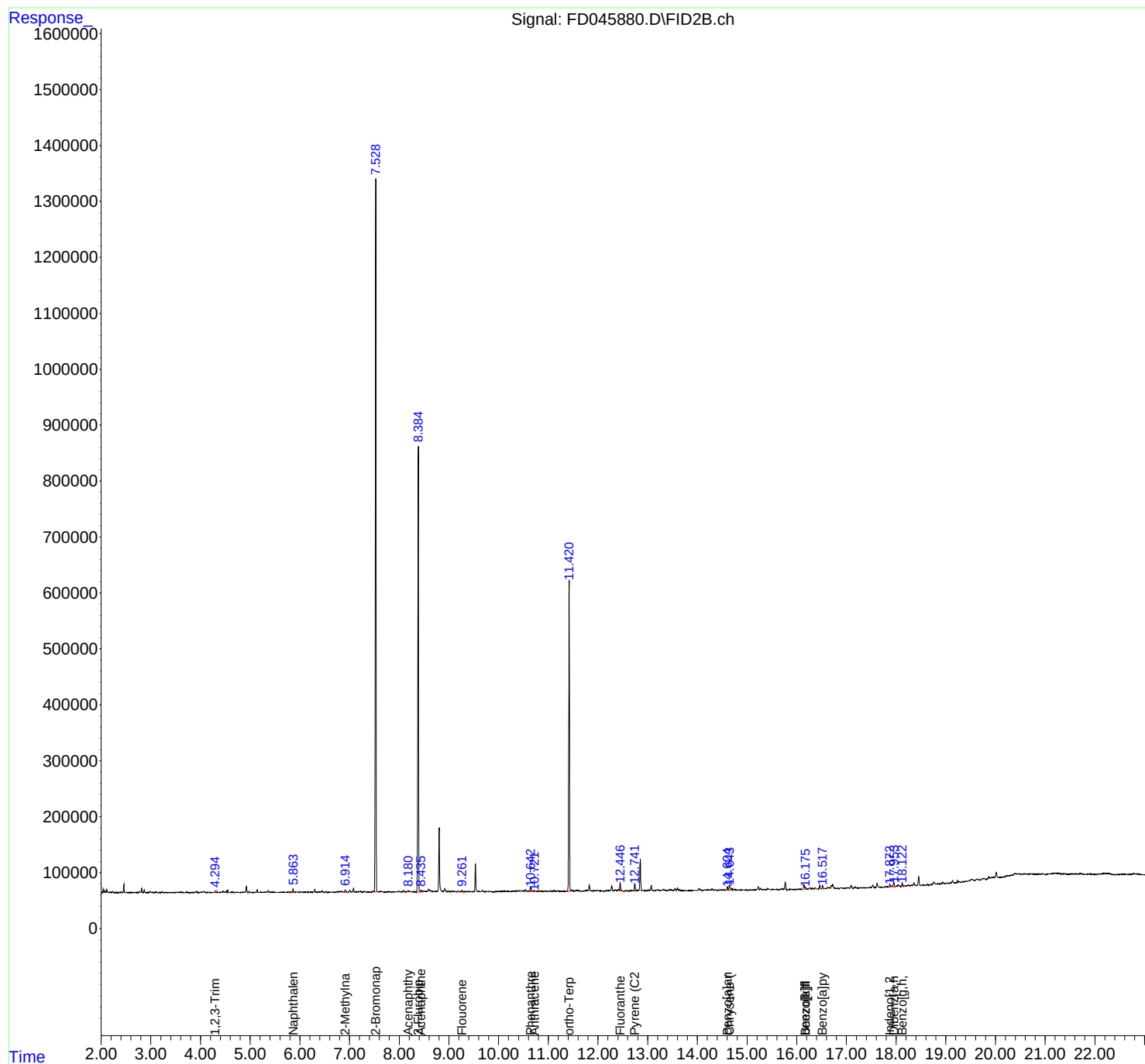
(m)=manual int.

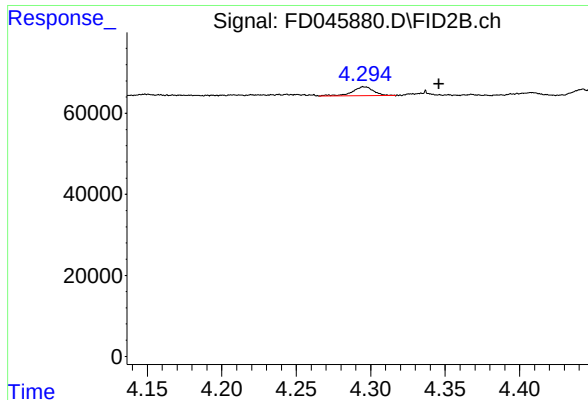
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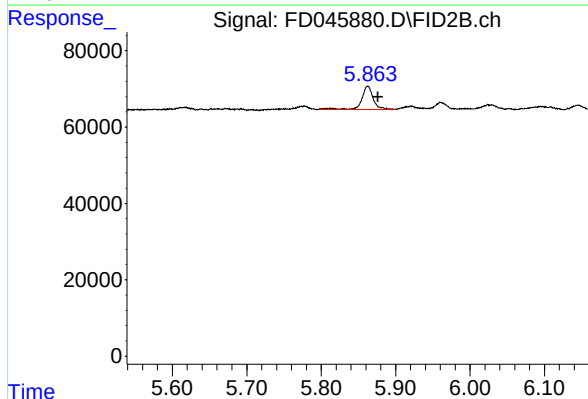




#1 1,2,3-Trimethylbenzene (C10.1)

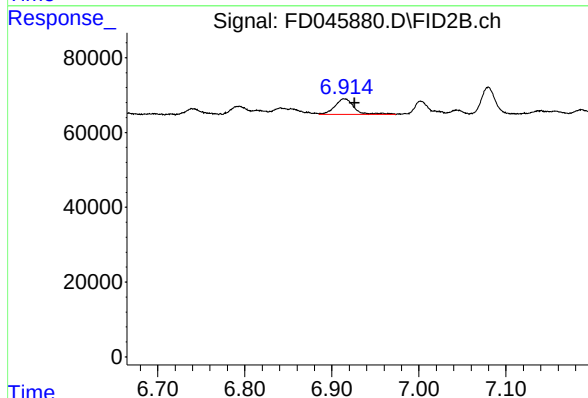
R.T.: 4.296 min
Delta R.T.: -0.050 min
Response: 21188
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



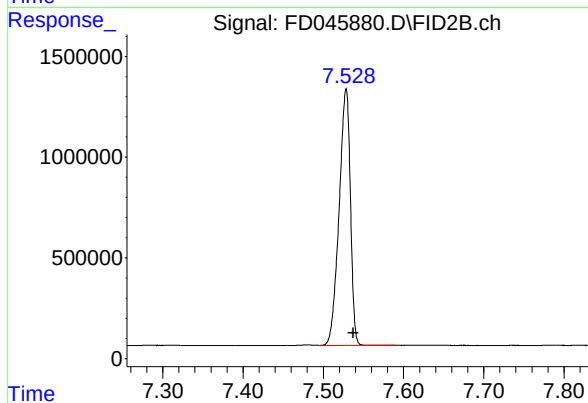
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 64692
Conc: 0.31 ug/ml



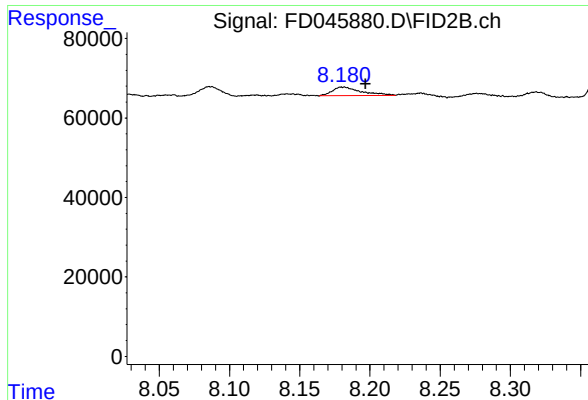
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.915 min
Delta R.T.: -0.011 min
Response: 66063
Conc: 0.31 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 12469523
Conc: 69.16 ug/ml



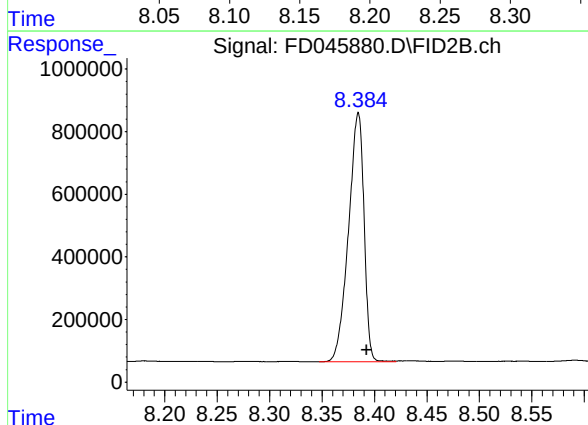
#5 Acenaphthylene (C15.06)

R.T.: 8.181 min
Delta R.T.: -0.016 min
Response: 30810
Conc: 0.16 ug/ml

Instrument :

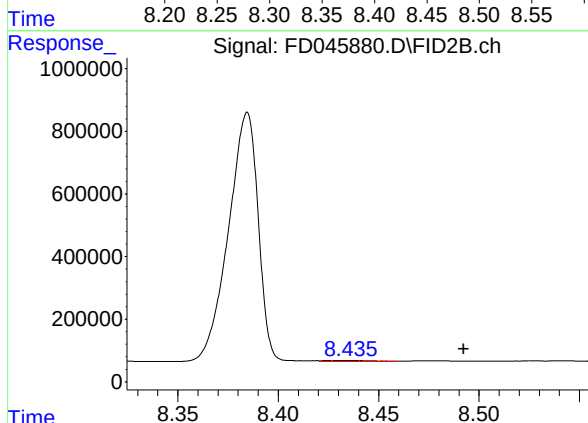
FID_D

ClientSampleId :



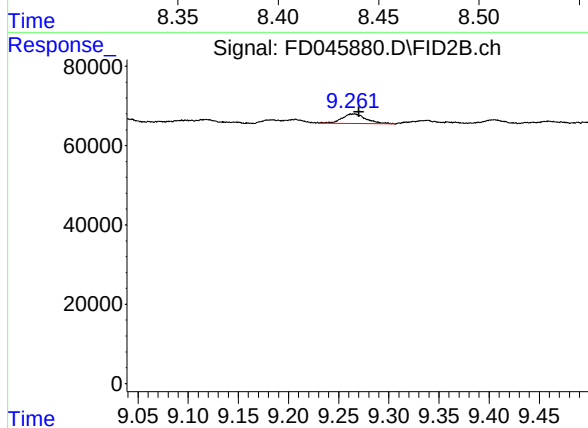
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 8195512
Conc: 68.17 ug/ml



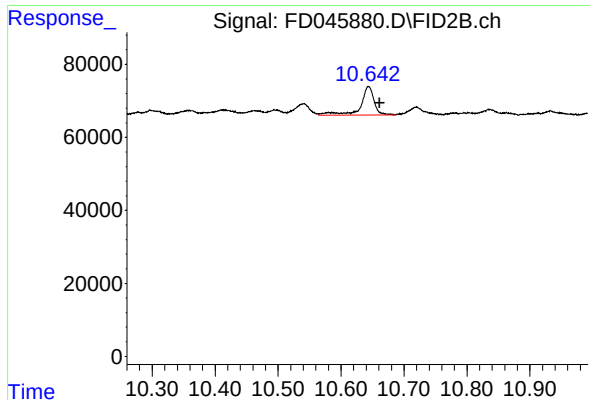
#7 Acenaphthene (C15.5)

R.T.: 8.435 min
Delta R.T.: -0.057 min
Response: 48948
Conc: 0.24 ug/ml



#8 Fluorene (C16.55)

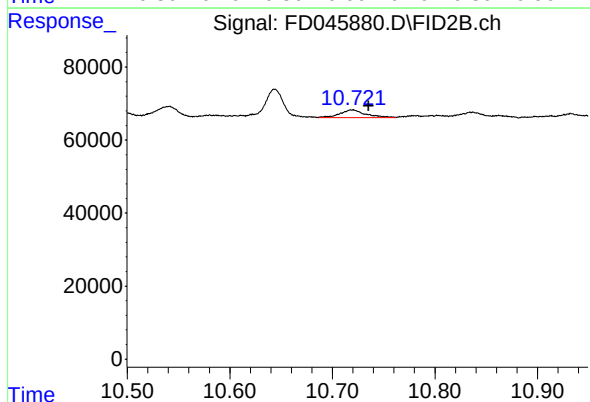
R.T.: 9.264 min
Delta R.T.: -0.006 min
Response: 40731
Conc: 0.21 ug/ml



#9 Phenanthrene (C19.36)

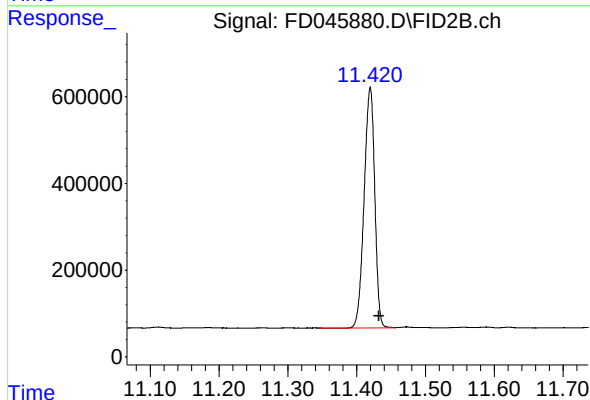
R.T.: 10.644 min
Delta R.T.: -0.017 min
Response: 117478
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



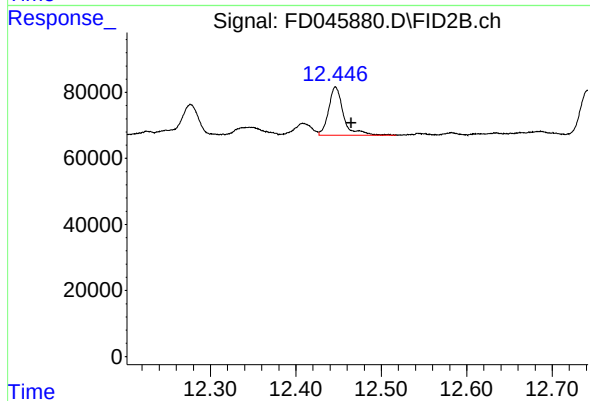
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.016 min
Response: 36398
Conc: 0.21 ug/ml



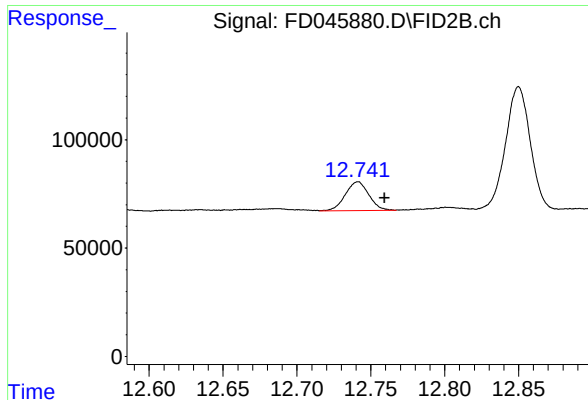
#11 ortho-Terphenyl (SURRE)

R.T.: 11.420 min
Delta R.T.: -0.013 min
Response: 5956113
Conc: 26.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.447 min
Delta R.T.: -0.018 min
Response: 174626
Conc: 0.95 ug/ml



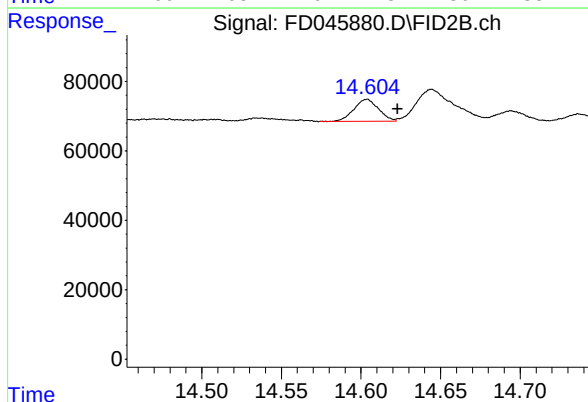
#13 Pyrene (C20.8)

R.T.: 12.741 min
Delta R.T.: -0.018 min
Response: 145520
Conc: 0.81 ug/ml

Instrument :

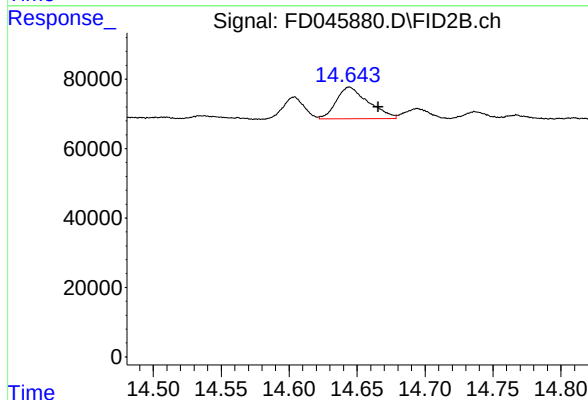
FID_D

ClientSampleId :



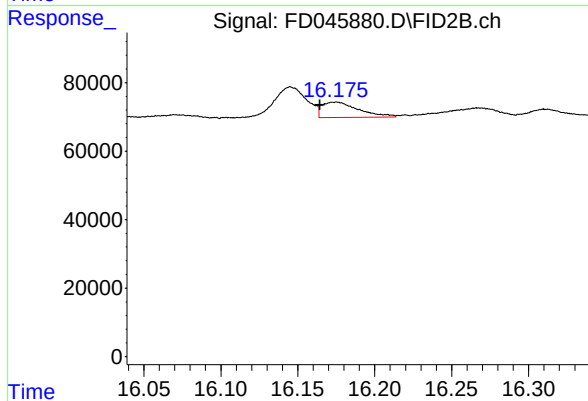
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.604 min
Delta R.T.: -0.019 min
Response: 69236
Conc: 0.44 ug/ml



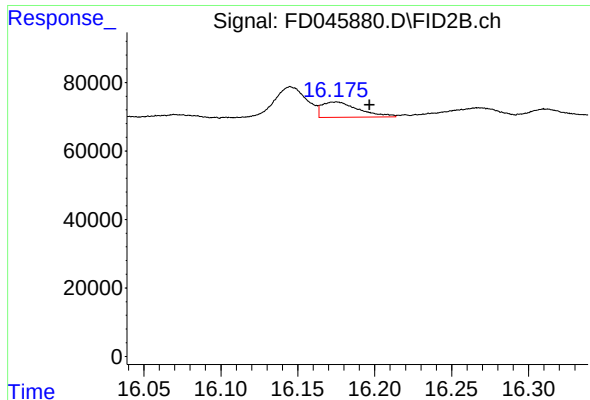
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.021 min
Response: 151177
Conc: 0.92 ug/ml



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

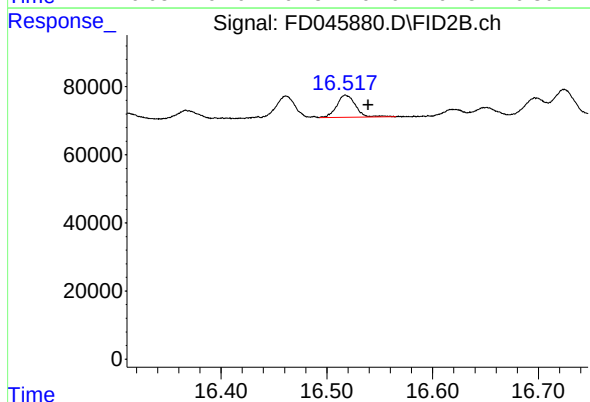
R.T.: 16.175 min
Delta R.T.: 0.010 min
Response: 74285
Conc: 0.49 ug/ml



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

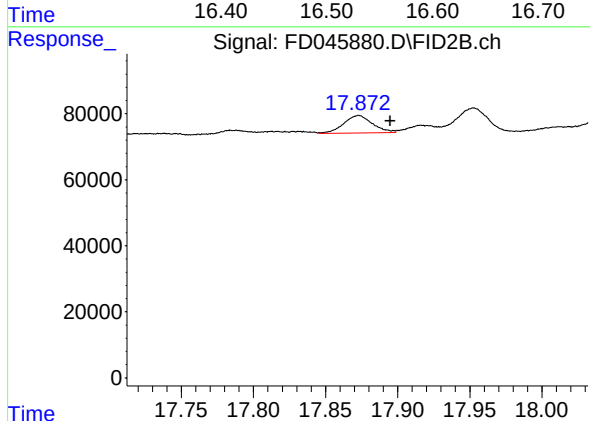
R.T.: 16.175 min
Delta R.T.: -0.022 min
Response: 74285
Conc: 0.48 ug/ml

Instrument :
FID_D
ClientSampleId :



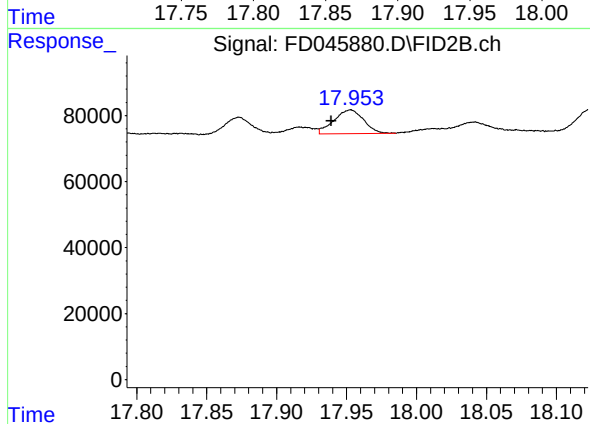
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: -0.021 min
Response: 80769
Conc: 0.55 ug/ml



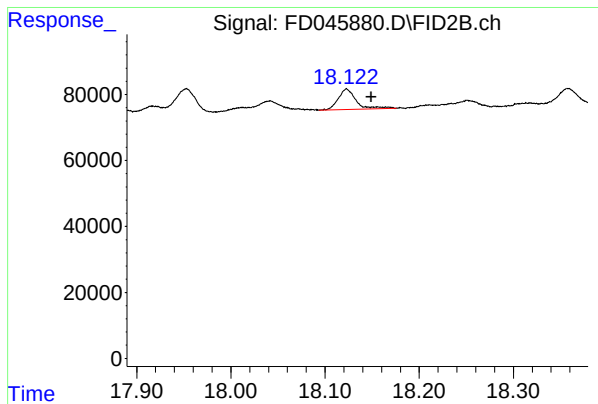
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: -0.022 min
Response: 74858
Conc: 0.51 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.013 min
Response: 106938
Conc: 0.71 ug/ml



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

R.T.: 18.123 min
Delta R.T.: -0.026 min
Response: 80250
Conc: 0.54 ug/ml

Instrument :

FID_D

ClientSampleId :