

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048681.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 21:10
 Operator : YP/AJ
 Sample : P4721-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 01:08:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.380	35689214	235.140 ug/ml
Spiked Amount 50.000		Recovery =	470.28%
6) S 2-Fluorobiphenyl (SURR)	8.234	21813572	222.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	444.31%#
11) S ortho-Terphenyl (SURR)	11.258	9591010	56.305 ug/ml
Spiked Amount 50.000		Recovery =	112.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	613003	3.524 ug/ml
2) T Naphthalene (C11.7)	5.687	9307617	52.163 ug/ml
3) T 2-Methylnaphthalene (...)	6.770	19861467	111.041 ug/ml
5) T Acenaphthylene (C15.06)	8.031	33346625	189.910 ug/ml
7) T Acenaphthene (C15.5)	8.323	7398768	41.715 ug/ml
8) T Fluorene (C16.55)	9.103	8050070	47.623 ug/ml
9) T Phenanthrene (C19.36)	10.485	4187870	25.334 ug/ml
10) T Anthracene (C19.43)	10.582	3257201	20.369 ug/ml
12) T Fluoranthene (C21.85)	12.289	2432544	14.781 ug/ml
13) T Pyrene (C20.8)	12.583	900749	5.592 ug/ml
14) T Benzo[a]anthracene (C...	14.505	32029	0.219 ug/ml
15) T Chrysene (C27.41)	14.505	32029	0.195 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	86676	0.664 ug/ml
20) T Dibenz[a,h]anthracene...	17.807	38292	0.235 ug/ml

(f)=RT Delta > 1/2 Window

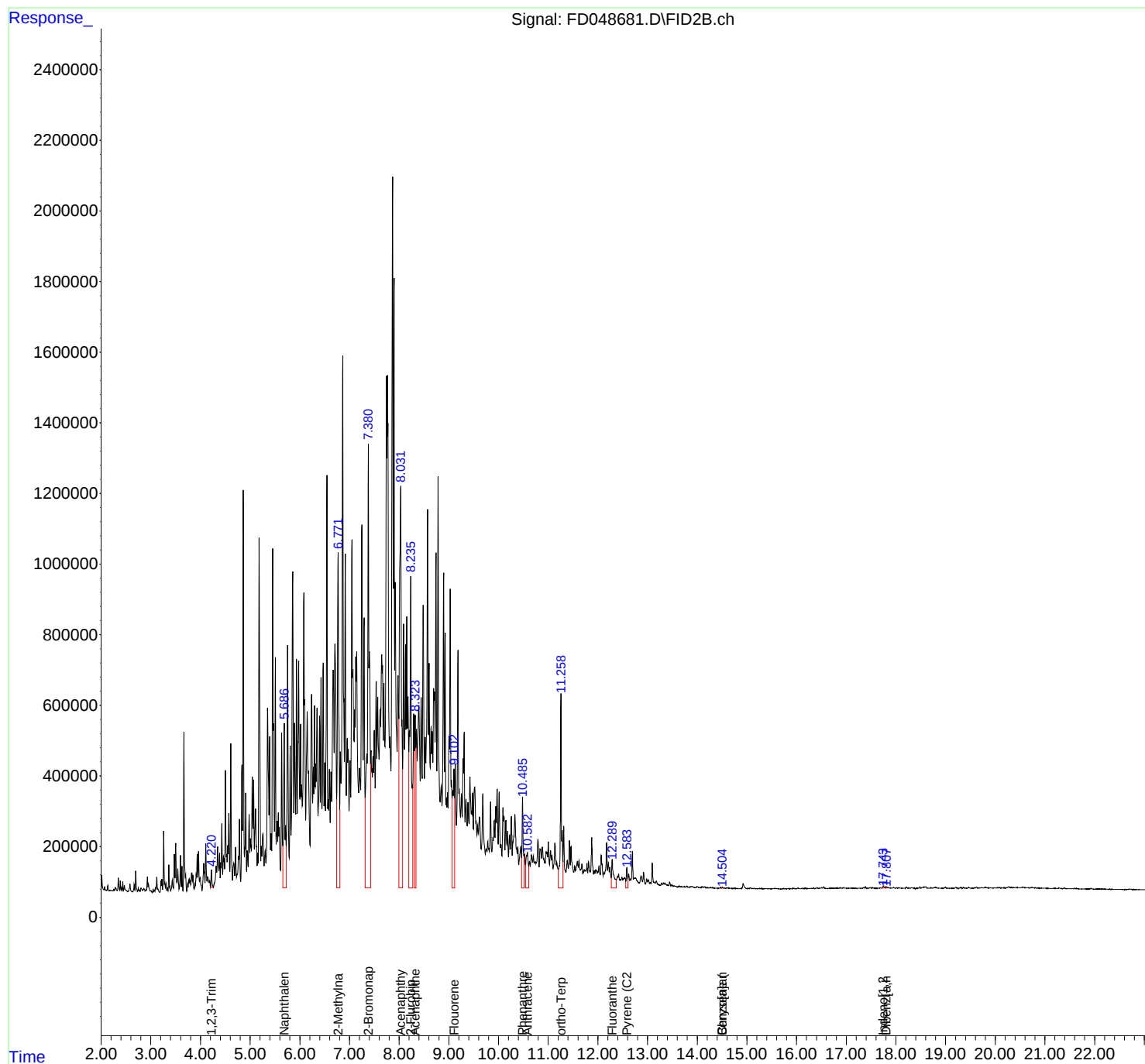
(m)=manual int.

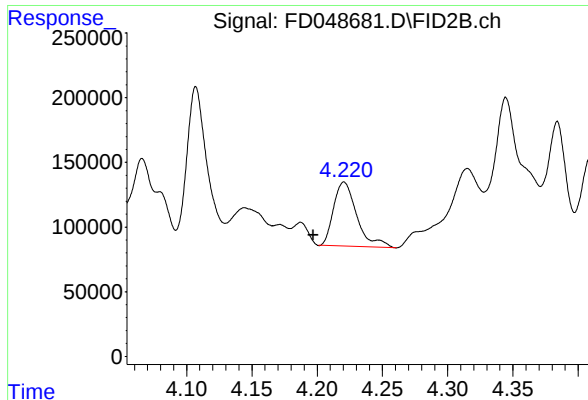
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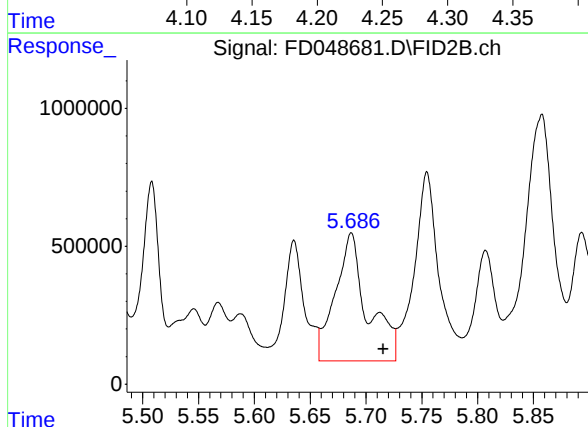




#1 1,2,3-Trimethylbenzene (C10.1)

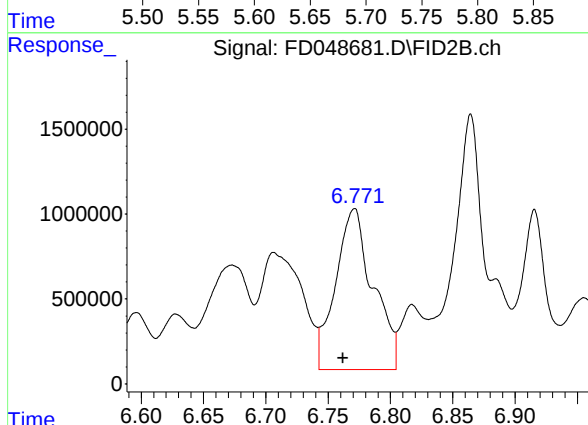
R.T.: 4.221 min
Delta R.T.: 0.024 min
Response: 613003
Conc: 3.52 ug/ml

Instrument :
FID_D
ClientSampleId :



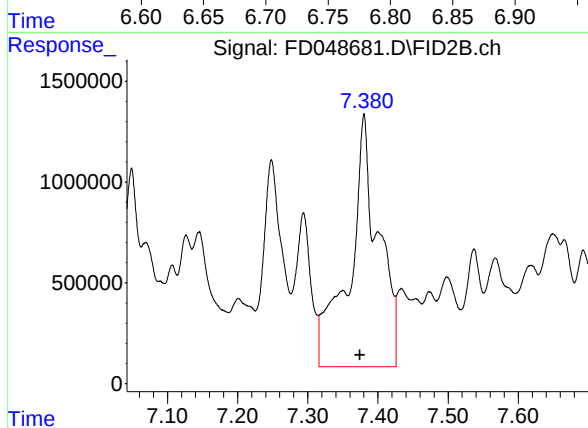
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.029 min
Response: 9307617
Conc: 52.16 ug/ml



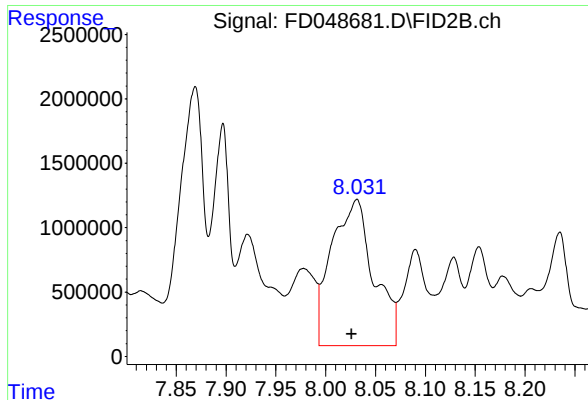
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.770 min
Delta R.T.: 0.008 min
Response: 19861467
Conc: 111.04 ug/ml



#4 2-Bromonaphthalene (SURR)

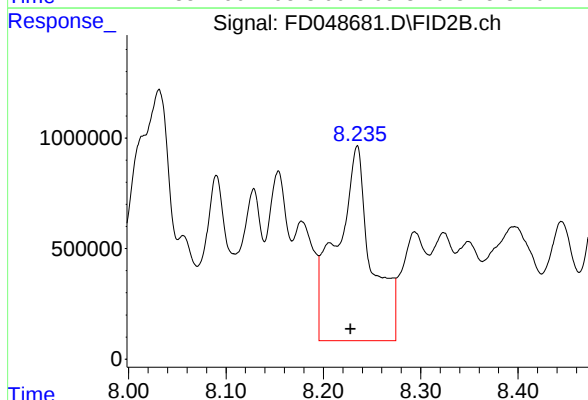
R.T.: 7.380 min
Delta R.T.: 0.005 min
Response: 35689214
Conc: 235.14 ug/ml



#5 Acenaphthylene (C15.06)

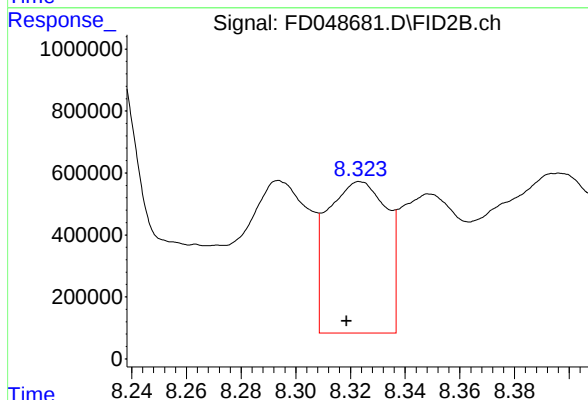
R.T.: 8.031 min
Delta R.T.: 0.005 min
Response: 33346625
Conc: 189.91 ug/ml

Instrument :
FID_D
ClientSampleId :



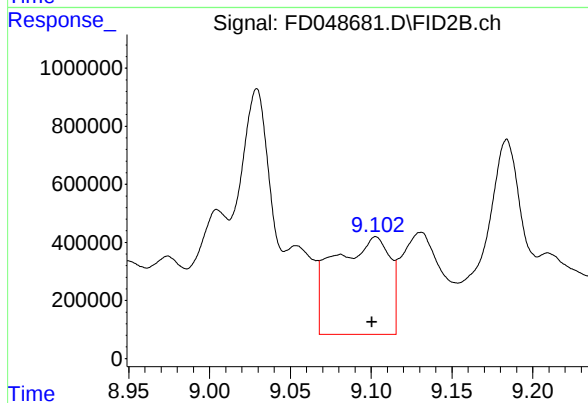
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: 0.006 min
Response: 21813572
Conc: 222.15 ug/ml



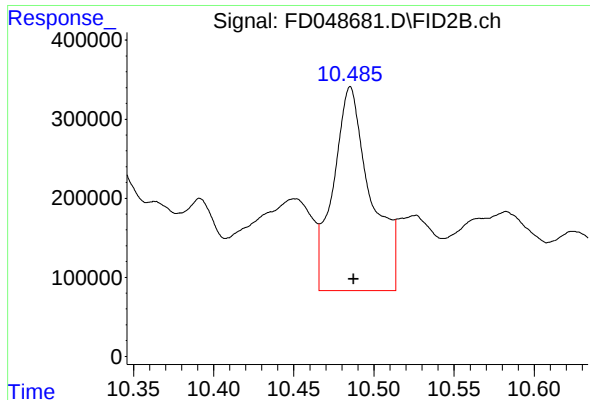
#7 Acenaphthene (C15.5)

R.T.: 8.323 min
Delta R.T.: 0.005 min
Response: 7398768
Conc: 41.72 ug/ml



#8 Flouorene (C16.55)

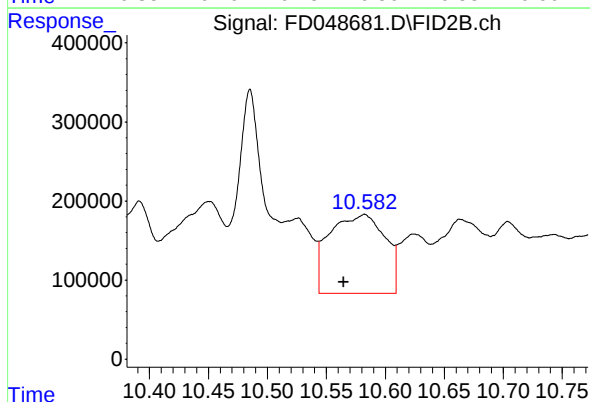
R.T.: 9.103 min
Delta R.T.: 0.002 min
Response: 8050070
Conc: 47.62 ug/ml



#9 Phenanthrene (C19.36)

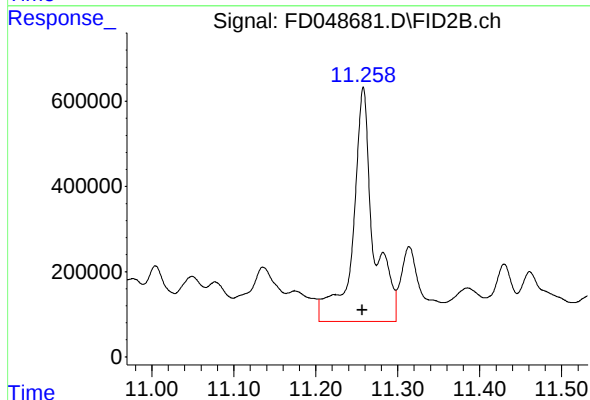
R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 4187870
Conc: 25.33 ug/ml

Instrument :
FID_D
ClientSampleId :



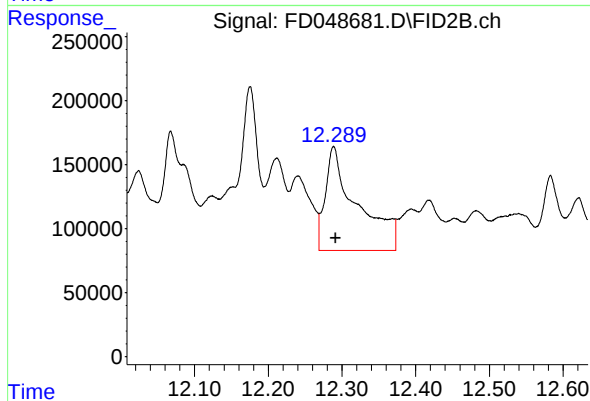
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: 0.017 min
Response: 3257201
Conc: 20.37 ug/ml



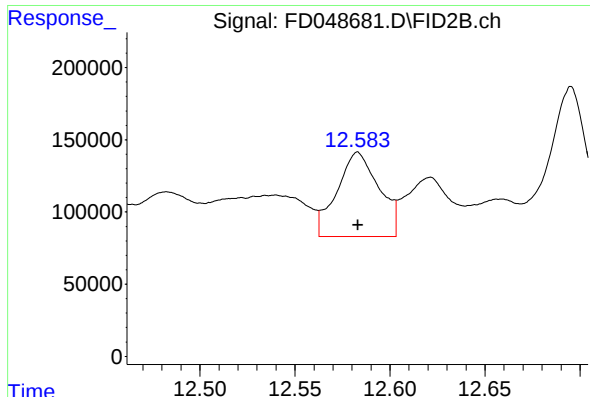
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 9591010
Conc: 56.31 ug/ml



#12 Fluoranthene (C21.85)

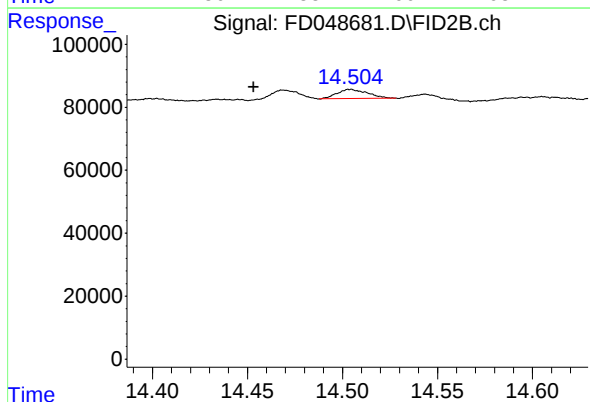
R.T.: 12.289 min
Delta R.T.: -0.003 min
Response: 2432544
Conc: 14.78 ug/ml



#13 Pyrene (C20.8)

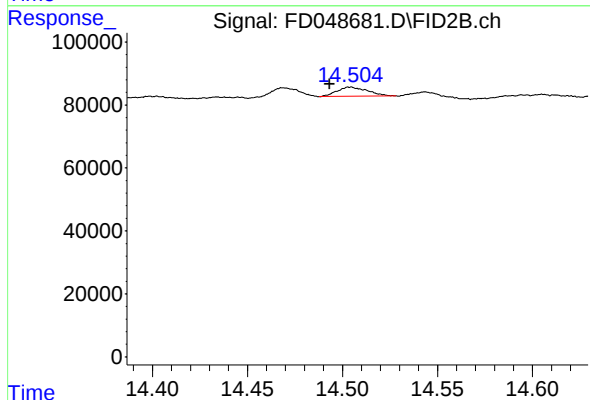
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 900749
Conc: 5.59 ug/ml

Instrument :
FID_D
ClientSampleId :



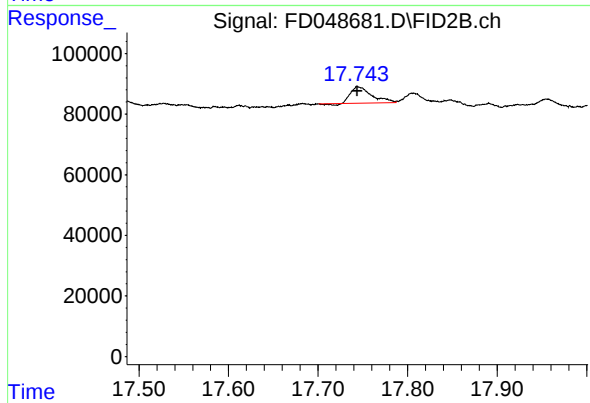
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.505 min
Delta R.T.: 0.051 min
Response: 32029
Conc: 0.22 ug/ml



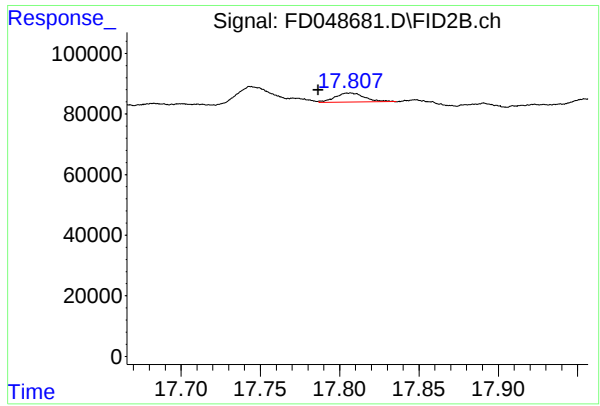
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: 0.011 min
Response: 32029
Conc: 0.19 ug/ml



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

R.T.: 17.745 min
Delta R.T.: 0.002 min
Response: 86676
Conc: 0.66 ug/ml



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

R.T.: 17.807 min
Delta R.T.: 0.020 min
Response: 38292
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :