

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045626.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 18:52
 Operator : YP/AJ
 Sample : 02628-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 03:43:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.549	17863973	104.729 ug/ml
Spiked Amount 50.000		Recovery =	209.46%
6) S 2-Fluorobiphenyl (SURR)	8.408	16911585	147.090 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	294.18%#
11) S ortho-Terphenyl (SURR)	11.458	37810792	179.095 ug/ml
Spiked Amount 50.000		Recovery =	358.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	514577	2.757 ug/ml
2) T Naphthalene (C11.7)	5.882	615425	3.129 ug/ml
3) T 2-Methylnaphthalene (...)	6.939	4894704	24.778 ug/ml
5) T Acenaphthylene (C15.06)	8.209	5993022	33.357 ug/ml
7) T Acenaphthene (C15.5)	8.493	12781316	67.165 ug/ml
8) T Fluorene (C16.55)	9.286	5414805	28.712 ug/ml
9) T Phenanthrene (C19.36)	10.681	11074264	59.579 ug/ml
10) T Anthracene (C19.43)	10.708	13545316	75.768 ug/ml
12) T Fluoranthene (C21.85)	12.448	11879356	65.851 ug/ml
13) T Pyrene (C20.8)	12.788	18299184	104.412 ug/ml
14) T Benzo[a]anthracene (C...	14.640	1533251	9.633 ug/ml
15) T Chrysene (C27.41)	14.671	1356037	8.351 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.927	53778	0.423 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	53778	0.419 ug/ml

(f)=RT Delta > 1/2 Window

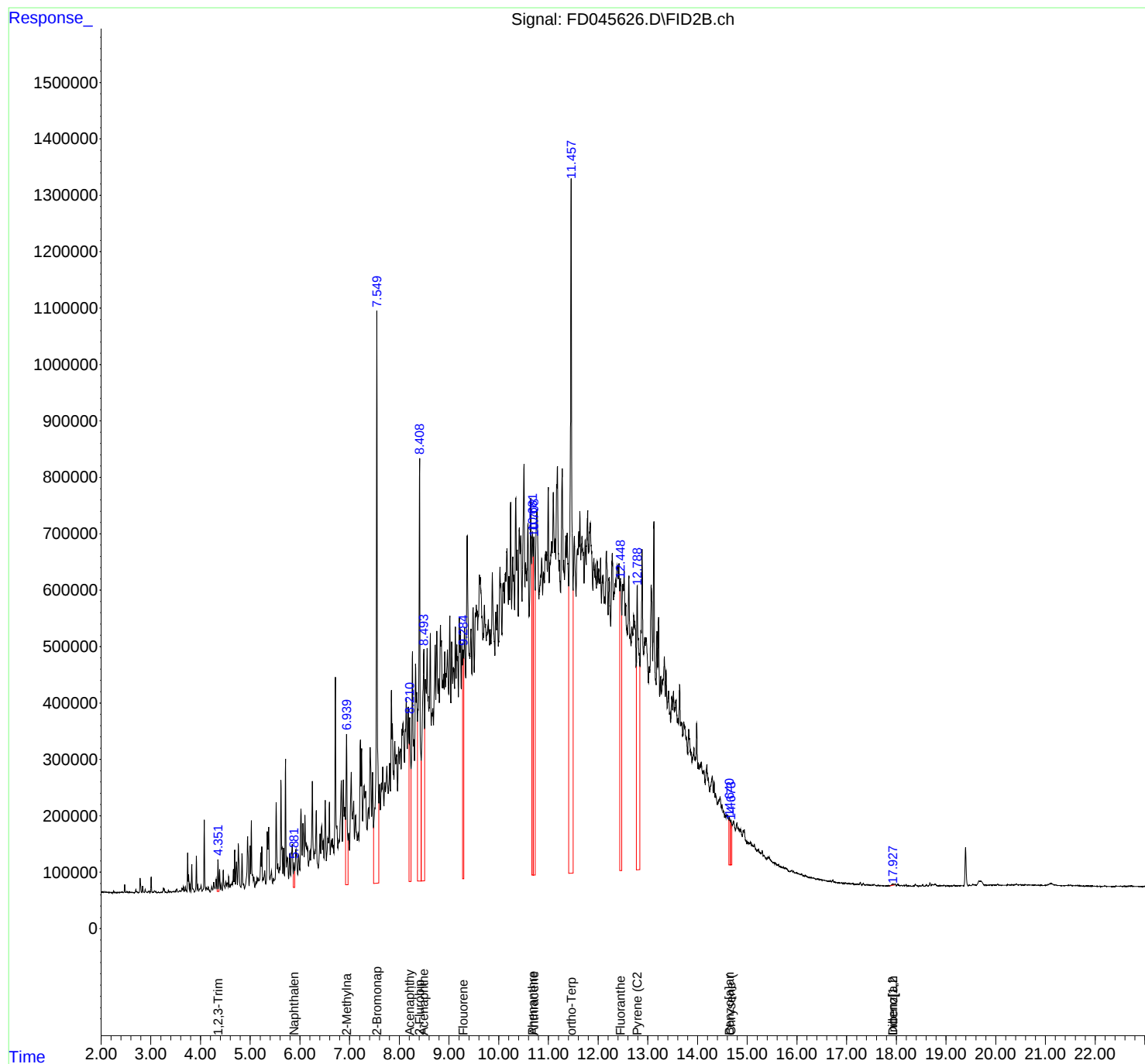
(m)=manual int.

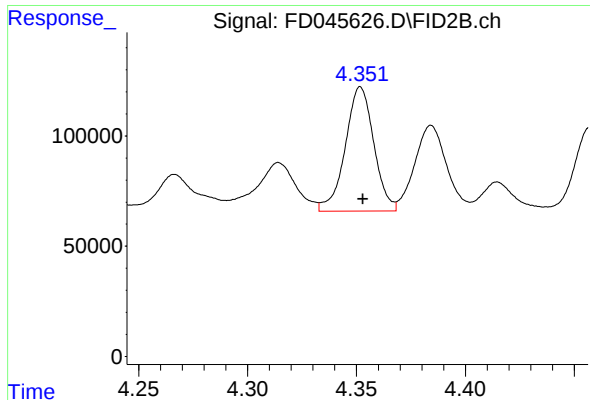
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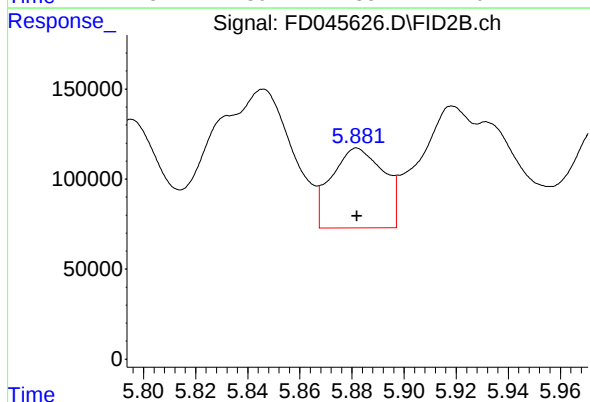




#1 1,2,3-Trimethylbenzene (C10.1)

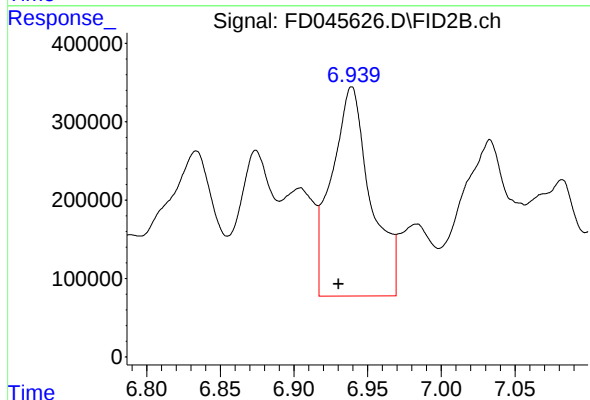
R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 514577
Conc: 2.76 ug/ml

Instrument :
FID_D
ClientSampleId :



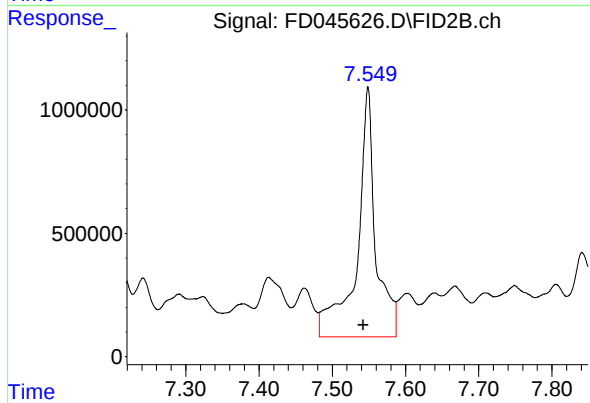
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 615425
Conc: 3.13 ug/ml



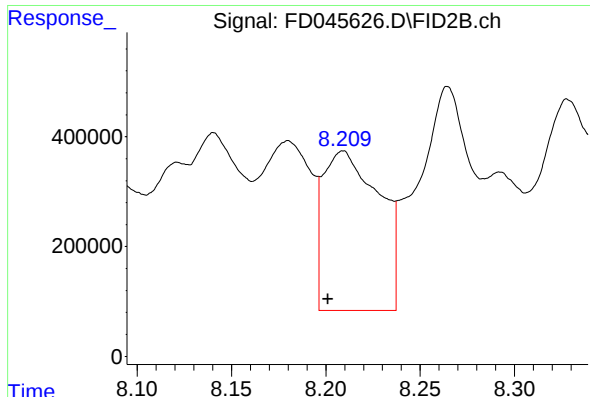
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: 0.009 min
Response: 4894704
Conc: 24.78 ug/ml



#4 2-Bromonaphthalene (SURR)

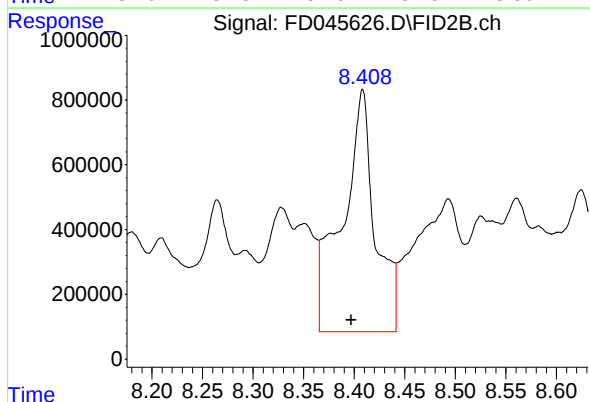
R.T.: 7.549 min
Delta R.T.: 0.006 min
Response: 17863973
Conc: 104.73 ug/ml



#5 Acenaphthylene (C15.06)

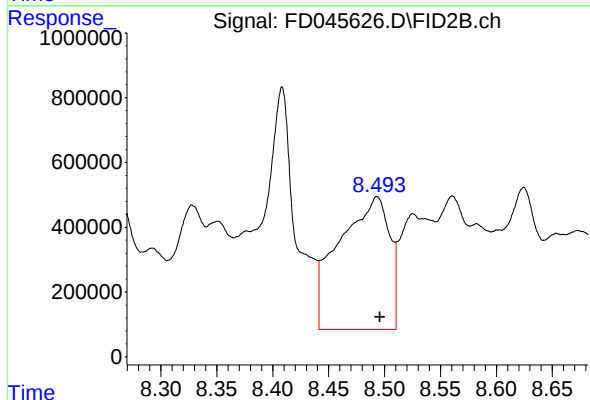
R.T.: 8.209 min
Delta R.T.: 0.008 min
Response: 5993022
Conc: 33.36 ug/ml

Instrument :
FID_D
ClientSampleId :



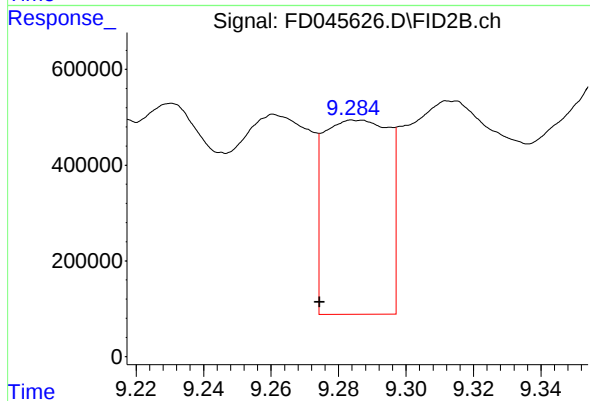
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: 0.011 min
Response: 16911585
Conc: 147.09 ug/ml



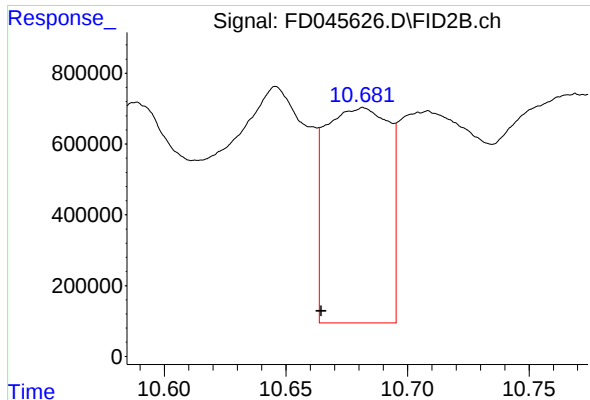
#7 Acenaphthene (C15.5)

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 12781316
Conc: 67.16 ug/ml



#8 Flouorene (C16.55)

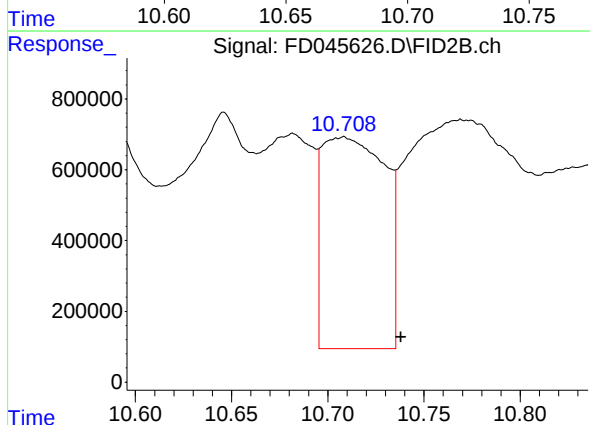
R.T.: 9.286 min
Delta R.T.: 0.011 min
Response: 5414805
Conc: 28.71 ug/ml



#9 Phenanthrene (C19.36)

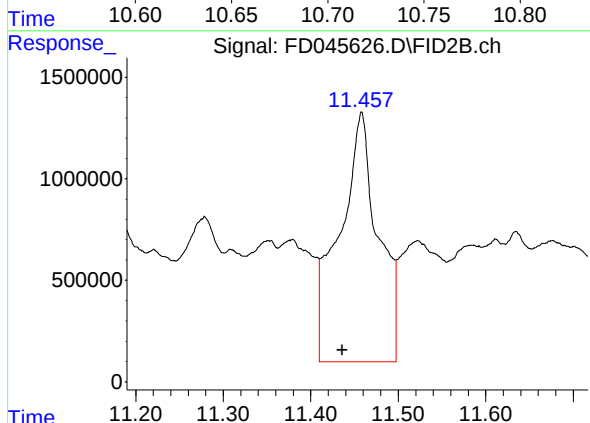
R.T.: 10.681 min
Delta R.T.: 0.017 min
Response: 11074264
Conc: 59.58 ug/ml

Instrument :
FID_D
ClientSampleId :



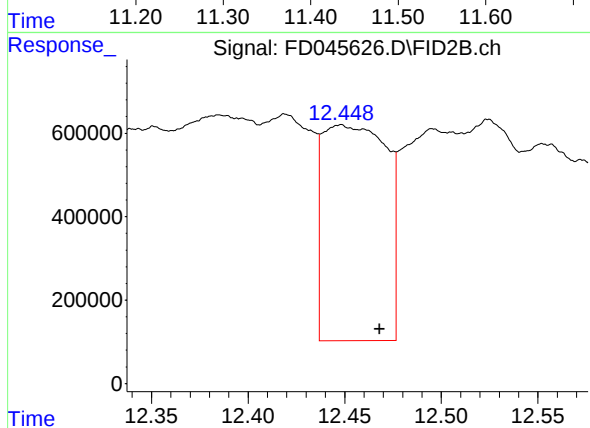
#10 Anthracene (C19.43)

R.T.: 10.708 min
Delta R.T.: -0.030 min
Response: 13545316
Conc: 75.77 ug/ml



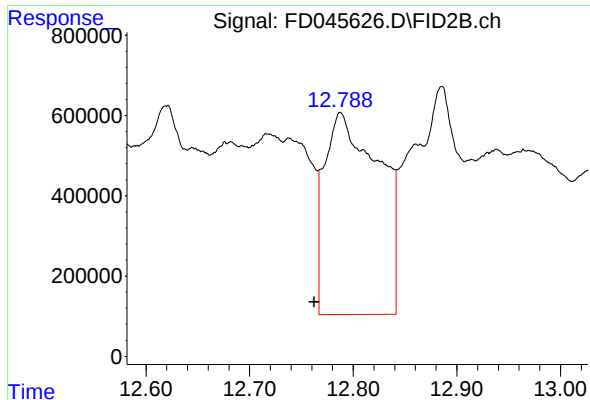
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: 0.022 min
Response: 37810792
Conc: 179.10 ug/ml



#12 Fluoranthene (C21.85)

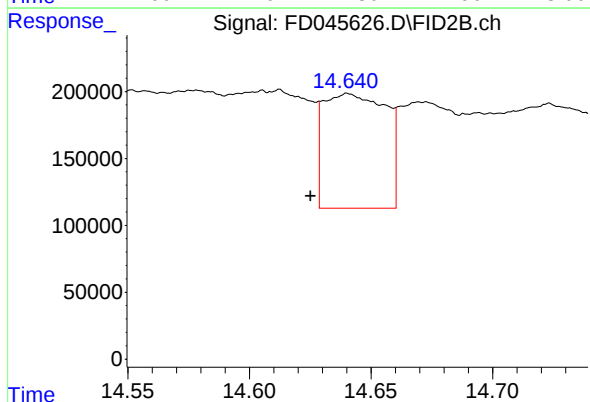
R.T.: 12.448 min
Delta R.T.: -0.020 min
Response: 11879356
Conc: 65.85 ug/ml



#13 Pyrene (C20.8)

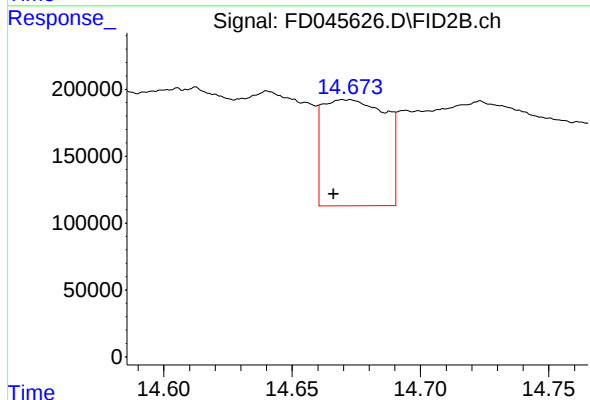
R.T.: 12.788 min
Delta R.T.: 0.025 min
Response: 18299184
Conc: 104.41 ug/ml

Instrument :
FID_D
ClientSampleId :



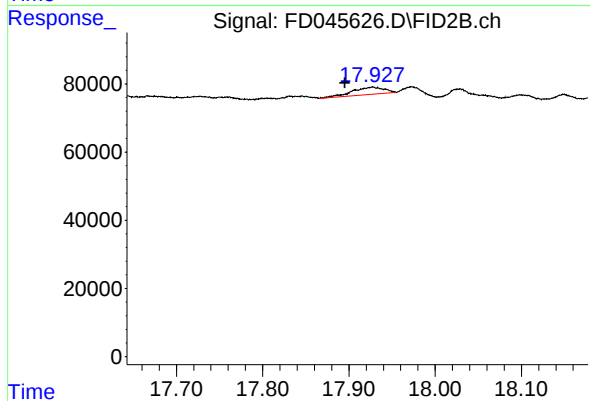
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.015 min
Response: 1533251
Conc: 9.63 ug/ml



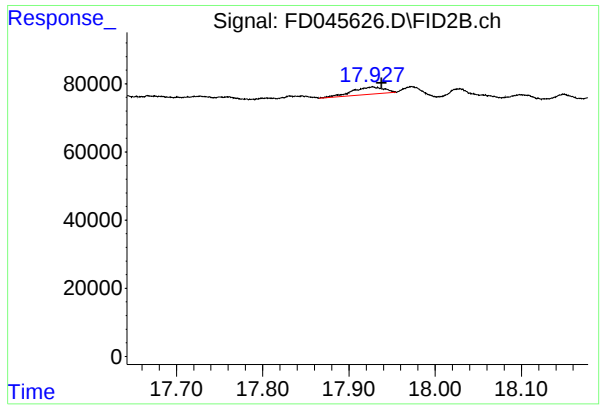
#15 Chrysene (C27.41)

R.T.: 14.671 min
Delta R.T.: 0.005 min
Response: 1356037
Conc: 8.35 ug/ml



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

R.T.: 17.927 min
Delta R.T.: 0.032 min
Response: 53778
Conc: 0.42 ug/ml



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

R.T.: 17.927 min

Delta R.T.: -0.011 min

Response: 53778

Conc: 0.42 ug/ml

Instrument :

FID_D

ClientSampleId :