

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AR\
 Data File : FD045436.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 10:03
 Operator : YP/AJ
 Sample : 02139-01DL 20X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 04:40:28 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...	7.549	3684288	26.891 ug/ml
Spiked Amount 50.000		Recovery =	53.78%
6) S 2-Fluorobiphenyl (SURR)	8.401	2718281	30.322 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.64%
11) S ortho-Terphenyl (SURR)	11.442	3095303	17.791 ug/ml
Spiked Amount 50.000		Recovery =	35.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	710618	4.562 ug/ml
2) T Naphthalene (C11.7)	5.888	627351	3.904 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	5478140	34.221 ug/ml
5) T Acenaphthylene (C15.06)	8.207	2329005	15.907 ug/ml
7) T Acenaphthene (C15.5)	8.495	1241609	8.005 ug/ml
8) T Fluorene (C16.55)	9.304	1773513	11.960 ug/ml
9) T Phenanthrene (C19.36)	10.670	1685893	11.638 ug/ml
10) T Anthracene (C19.43)	10.759	2743490	19.848 ug/ml
12) T Fluoranthene (C21.85)	12.476	2003703	13.927 ug/ml
13) T Pyrene (C20.8)	12.769	1290056	9.175 ug/ml
15) T Chrysene (C27.41)	14.721	144532	1.090 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	138249	1.168 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	249104	2.091 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	99972	0.800 ug/ml

(f)=RT Delta > 1/2 Window

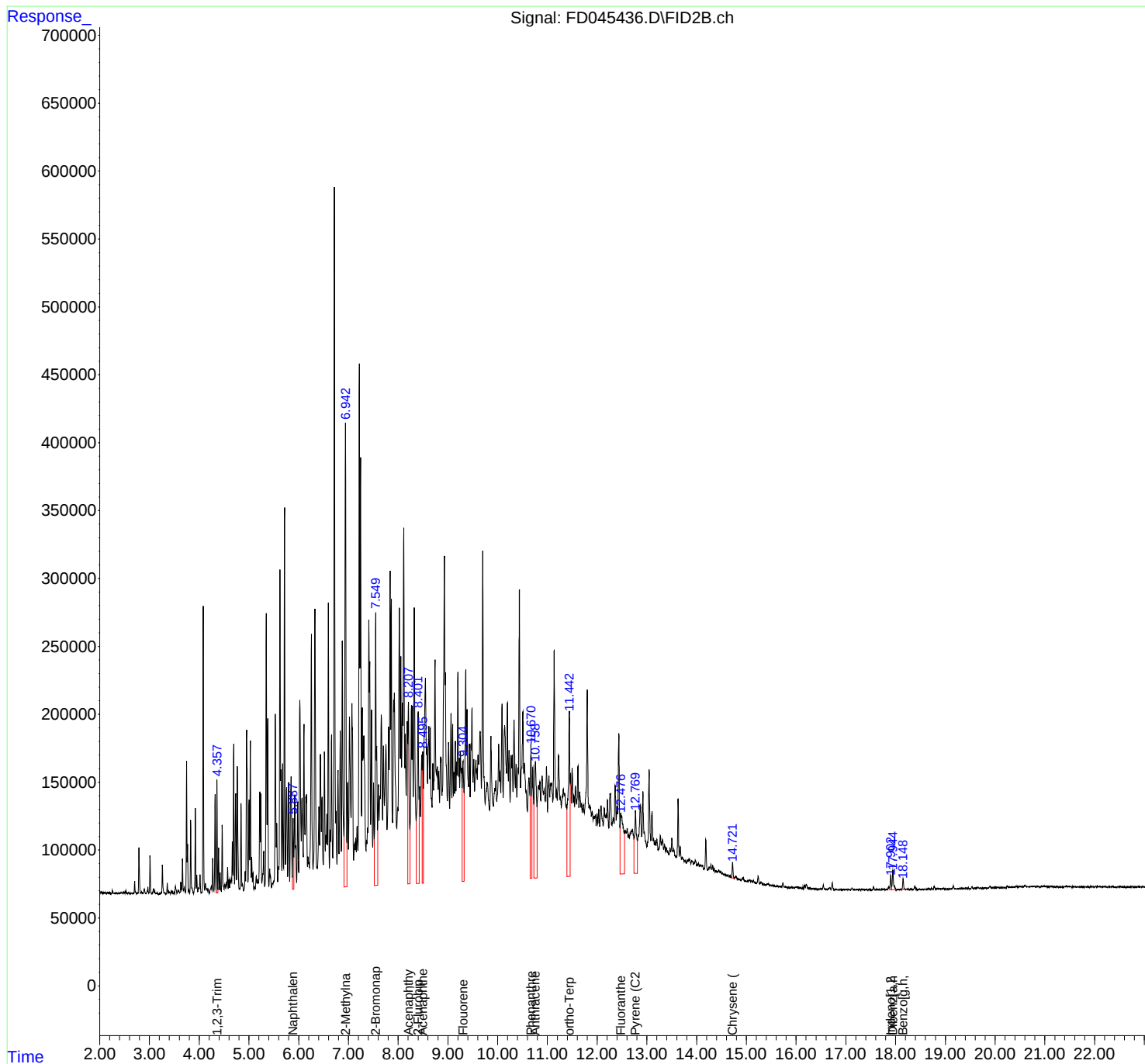
(m)=manual int.

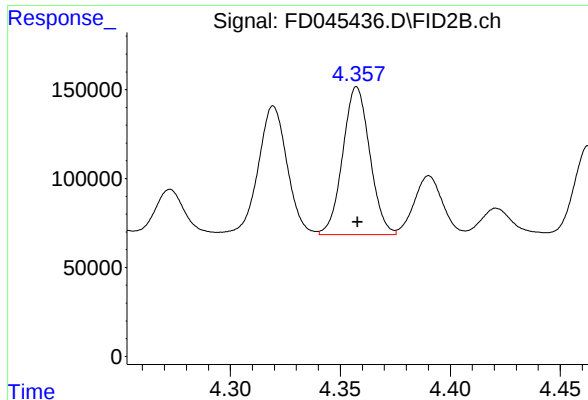
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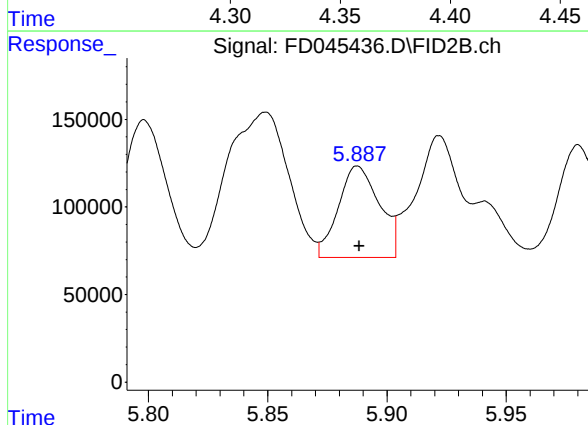




#1 1,2,3-Trimethylbenzene (C10.1)

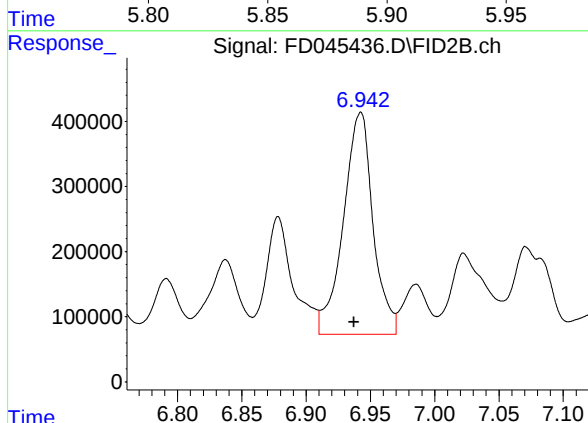
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 710618
Conc: 4.56 ug/ml

Instrument :
FID_D
ClientSampleId :



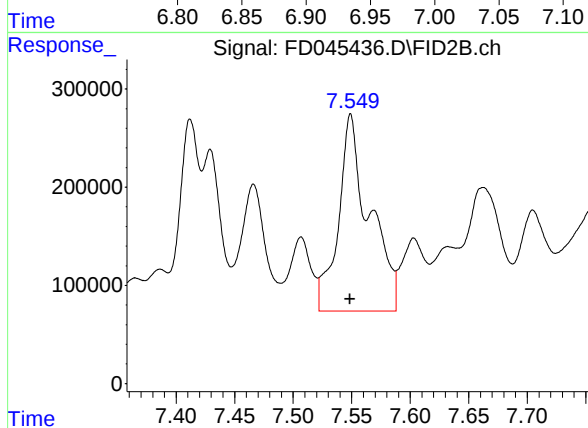
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 627351
Conc: 3.90 ug/ml



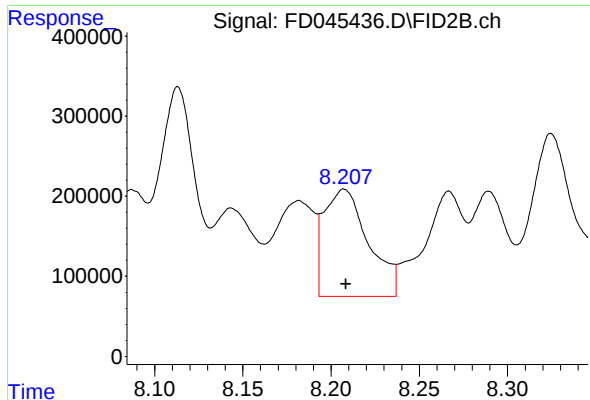
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: 0.005 min
Response: 5478140
Conc: 34.22 ug/ml



#4 2-Bromonaphthalene (SURR)

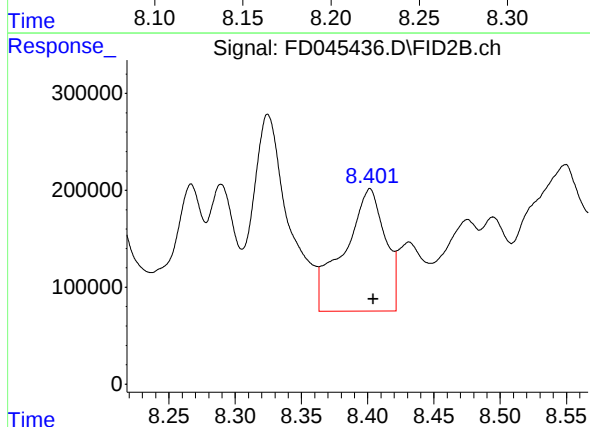
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 3684288
Conc: 26.89 ug/ml



#5 Acenaphthylene (C15.06)

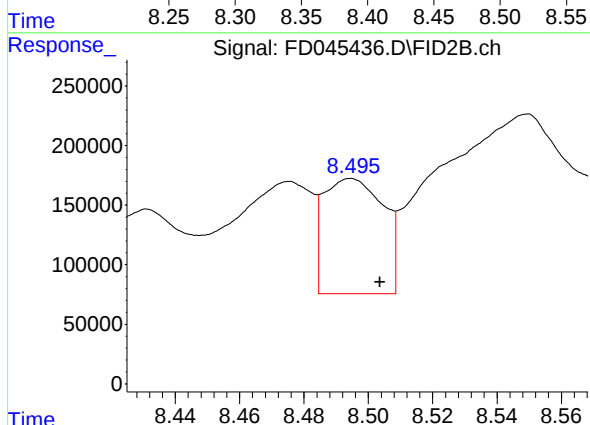
R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 2329005
Conc: 15.91 ug/ml

Instrument :
FID_D
ClientSampleId :



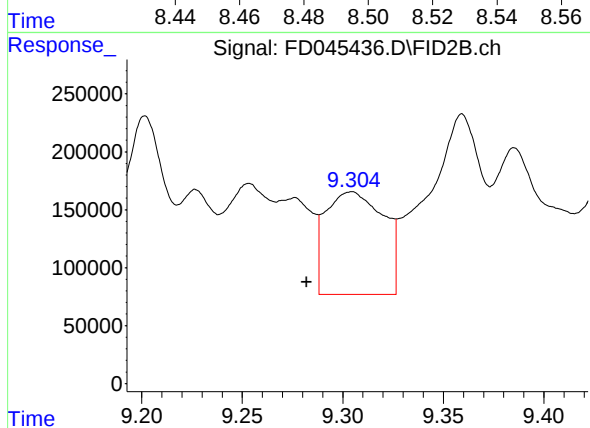
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 2718281
Conc: 30.32 ug/ml



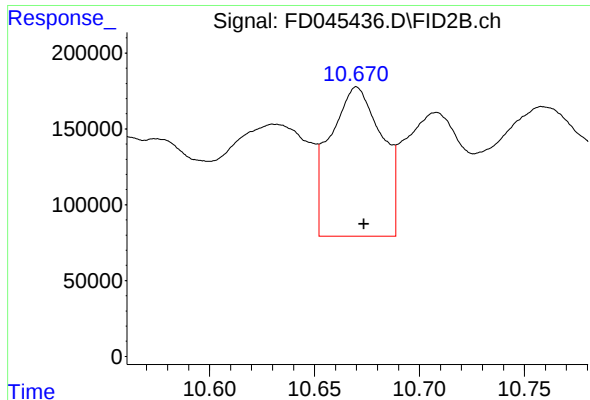
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 1241609
Conc: 8.00 ug/ml



#8 Flouorene (C16.55)

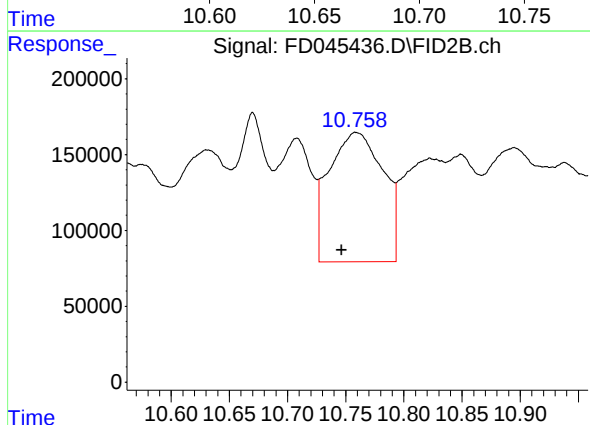
R.T.: 9.304 min
Delta R.T.: 0.022 min
Response: 1773513
Conc: 11.96 ug/ml



#9 Phenanthrene (C19.36)

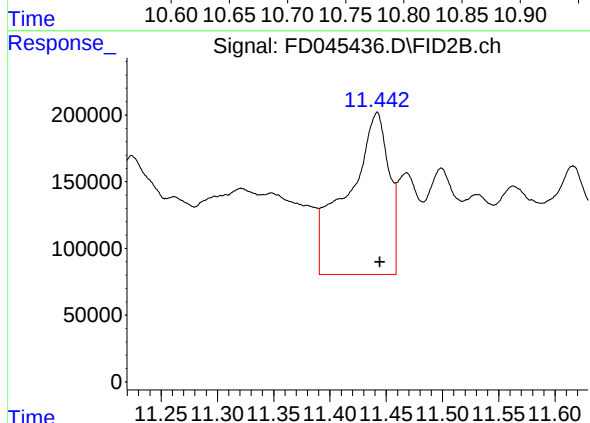
R.T.: 10.670 min
Delta R.T.: -0.003 min
Response: 1685893
Conc: 11.64 ug/ml

Instrument :
FID_D
ClientSampleId :



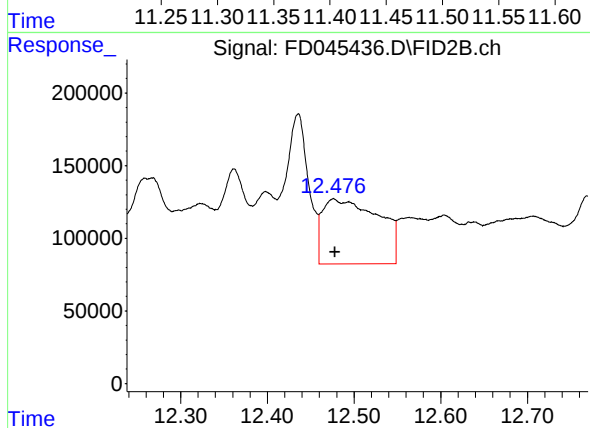
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: 0.013 min
Response: 2743490
Conc: 19.85 ug/ml



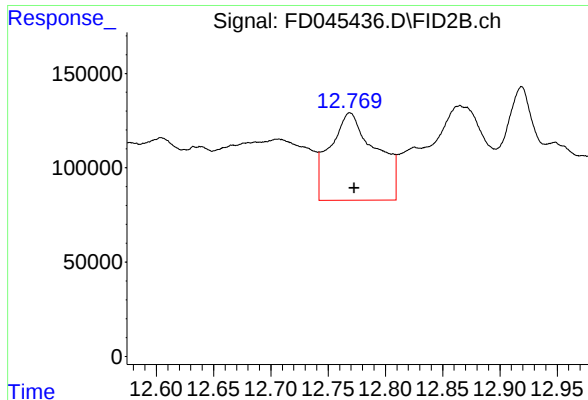
#11 ortho-Terphenyl (SURRE)

R.T.: 11.442 min
Delta R.T.: -0.003 min
Response: 3095303
Conc: 17.79 ug/ml



#12 Fluoranthene (C21.85)

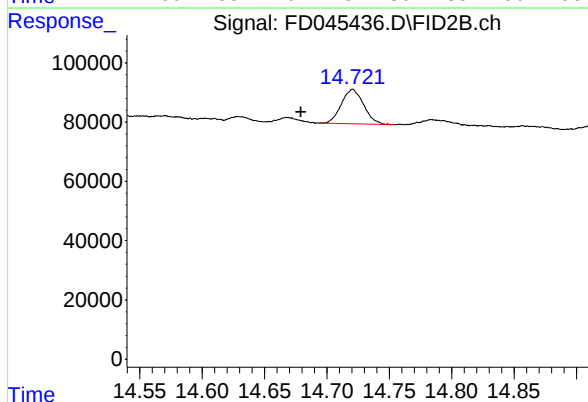
R.T.: 12.476 min
Delta R.T.: -0.002 min
Response: 2003703
Conc: 13.93 ug/ml



#13 Pyrene (C20.8)

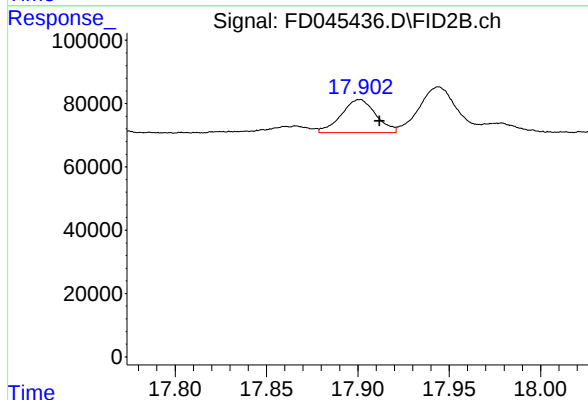
R.T.: 12.769 min
Delta R.T.: -0.004 min
Response: 1290056
Conc: 9.18 ug/ml

Instrument :
FID_D
ClientSampleId :



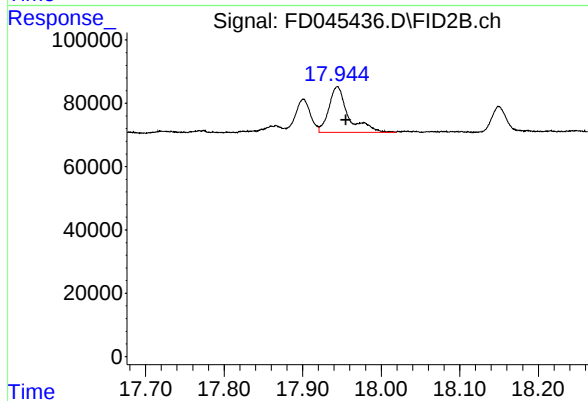
#15 Chrysene (C27.41)

R.T.: 14.721 min
Delta R.T.: 0.041 min
Response: 144532
Conc: 1.09 ug/ml



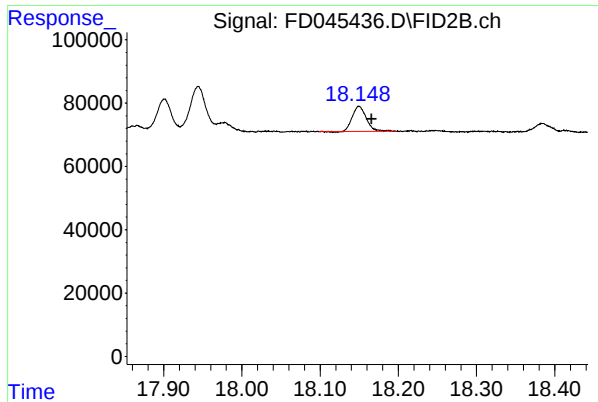
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: -0.011 min
Response: 138249
Conc: 1.17 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.011 min
Response: 249104
Conc: 2.09 ug/ml



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

R.T.: 18.150 min

Delta R.T.: -0.016 min

Response: 99972

Conc: 0.80 ug/ml

Instrument :

FID_D

ClientSampleId :