

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014218.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 13:20
 Operator : YP\AJ
 Sample : P3964-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:49:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.880	6102565	54.546 ug/ml
Spiked Amount 50.000		Recovery =	109.09%
6) S 2-Fluorobiphenyl (SURR)	8.753	3813735	52.382 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.76%
11) S ortho-Terphenyl (SURR)	11.821	3294888	24.443 ug/ml
Spiked Amount 50.000		Recovery =	48.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	6117328	47.518 ug/ml
2) T Naphthalene (C11.7)	6.151	4819413	38.206 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	5253017	41.243 ug/ml
5) T Acenaphthylene (C15.06)	8.532	1368217	10.527 ug/ml
7) T Acenaphthene (C15.5)	8.868	201162	1.453 ug/ml
8) T Flouorene (C16.55)	9.665	337765	2.606 ug/ml
9) T Phenanthrene (C19.36)	11.049	706010	5.842 ug/ml
10) T Anthracene (C19.43)	11.138	398113	2.870 ug/ml
12) T Fluoranthene (C21.85)	12.876	226167	1.745 ug/ml
13) T Pyrene (C20.8)	13.173	74782	0.573 ug/ml
14) T Benzo[a]anthracene (C...	15.132	24351	0.214 ug/ml
15) T Chrysene (C27.41)	15.132	24351	0.172 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.424	29020	0.294 ug/ml
20) T Dibenz[a,h]anthracene...	18.424	29020	0.197 ug/ml

(f)=RT Delta > 1/2 Window

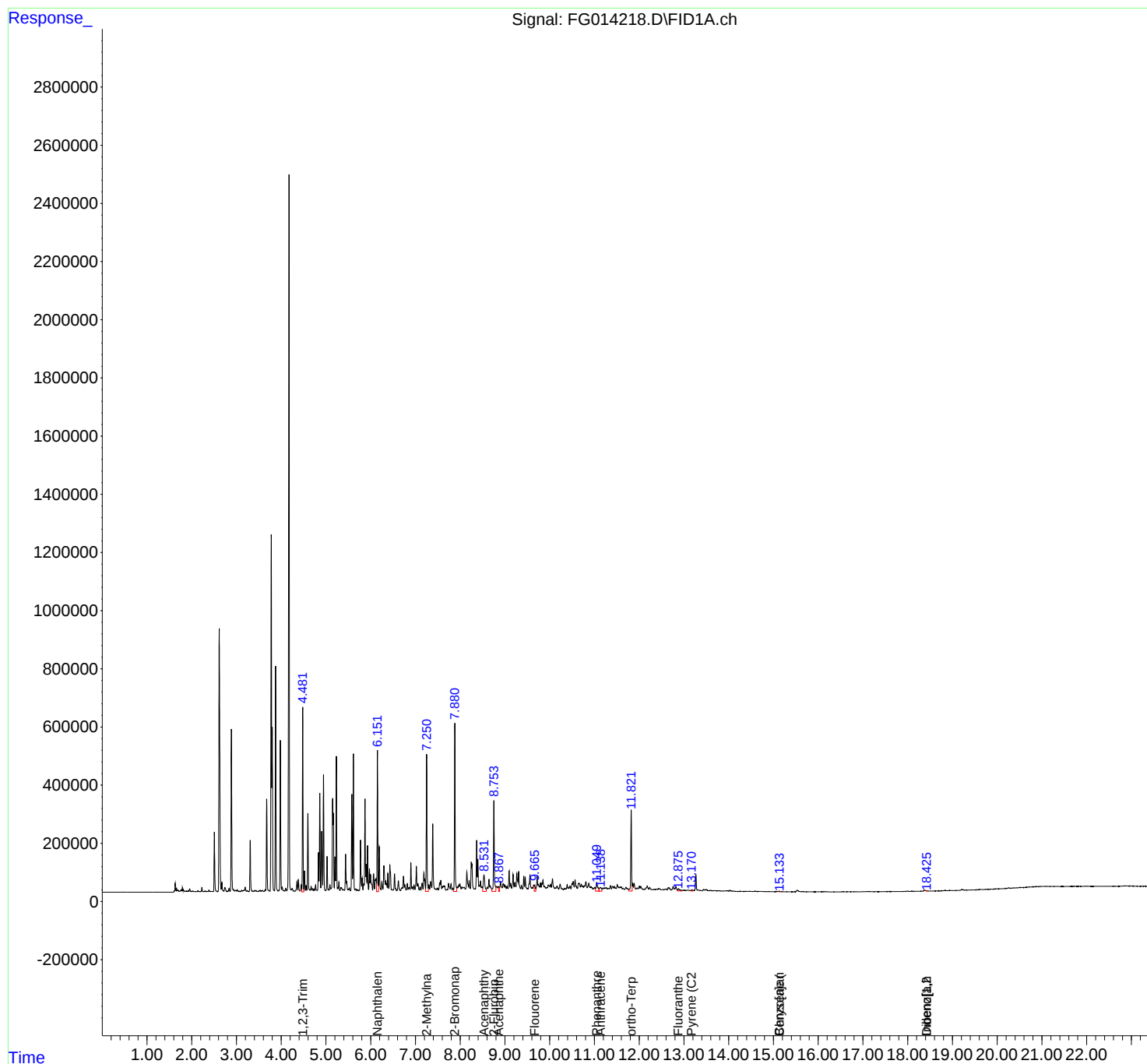
(m)=manual int.

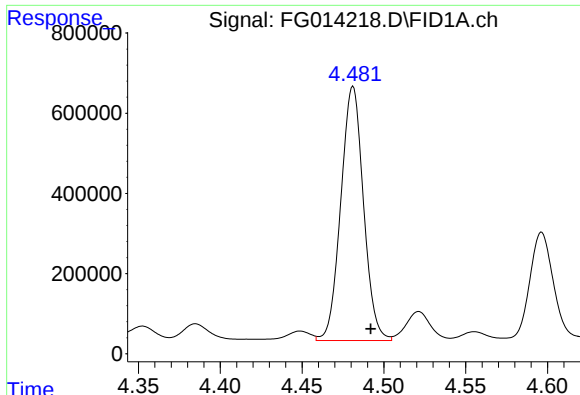
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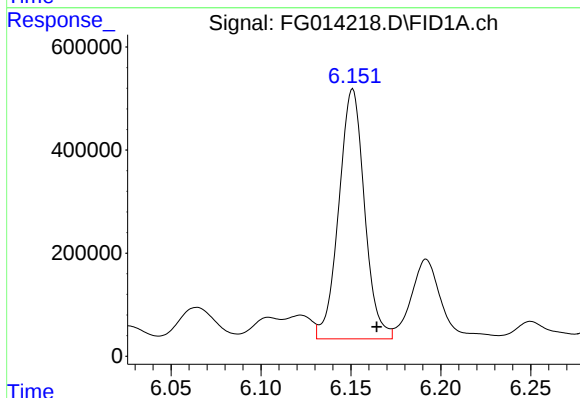




#1 1,2,3-Trimethylbenzene (C10.1)

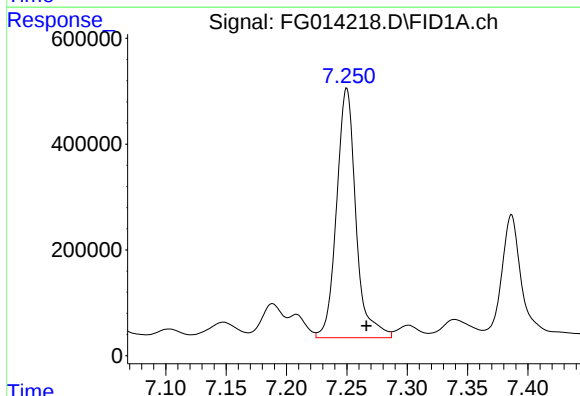
R.T.: 4.481 min
Delta R.T.: -0.011 min
Response: 6117328
Conc: 47.52 ug/ml

Instrument :
FID_G
ClientSampleId :



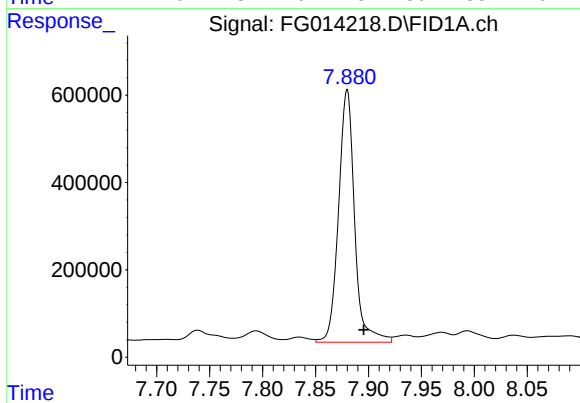
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.013 min
Response: 4819413
Conc: 38.21 ug/ml



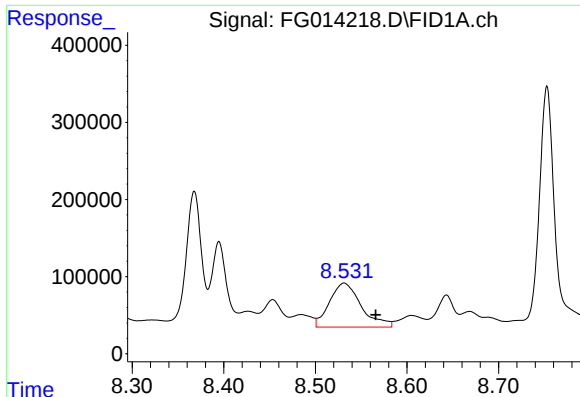
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.017 min
Response: 5253017
Conc: 41.24 ug/ml



#4 2-Bromonaphthalene (SURR)

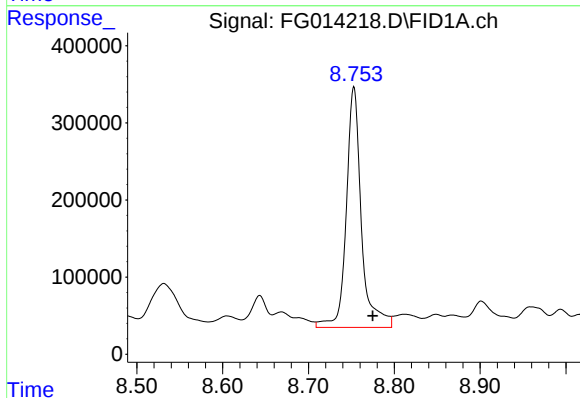
R.T.: 7.880 min
Delta R.T.: -0.016 min
Response: 6102565
Conc: 54.55 ug/ml



#5 Acenaphthylene (C15.06)

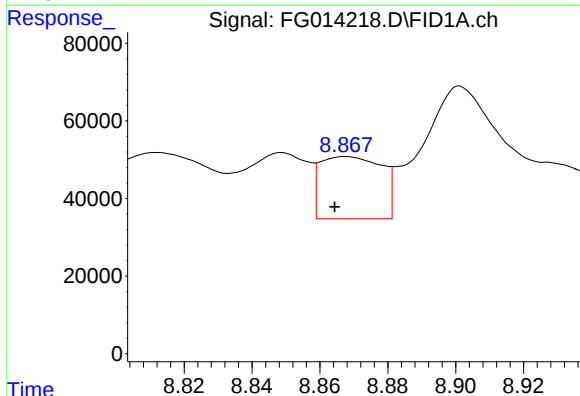
R.T.: 8.532 min
Delta R.T.: -0.035 min
Response: 1368217
Conc: 10.53 ug/ml

Instrument :
FID_G
ClientSampleId :



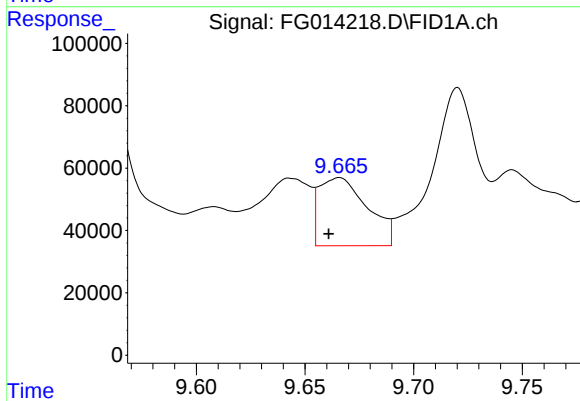
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.753 min
Delta R.T.: -0.022 min
Response: 3813735
Conc: 52.38 ug/ml



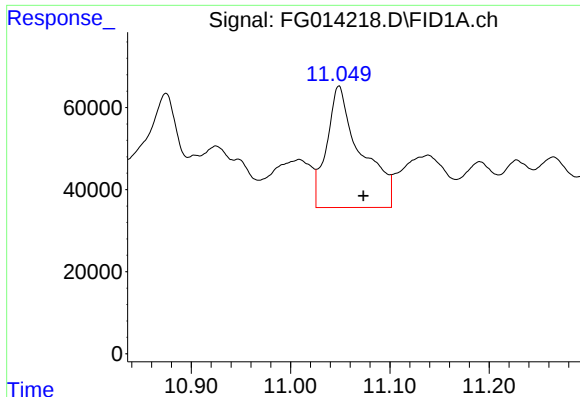
#7 Acenaphthene (C15.5)

R.T.: 8.868 min
Delta R.T.: 0.003 min
Response: 201162
Conc: 1.45 ug/ml



#8 Flouorene (C16.55)

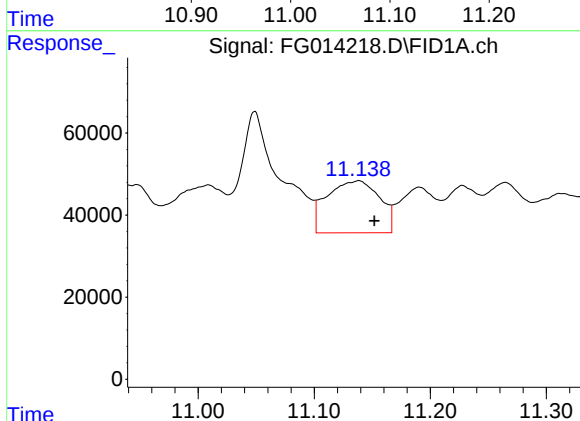
R.T.: 9.665 min
Delta R.T.: 0.004 min
Response: 337765
Conc: 2.61 ug/ml



#9 Phenanthrene (C19.36)

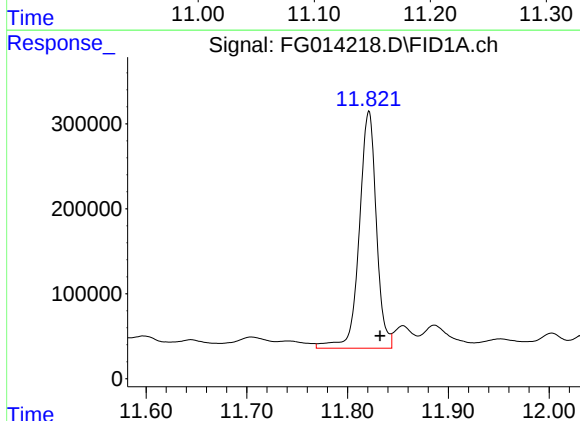
R.T.: 11.049 min
Delta R.T.: -0.025 min
Response: 706010
Conc: 5.84 ug/ml

Instrument :
FID_G
ClientSampleId :



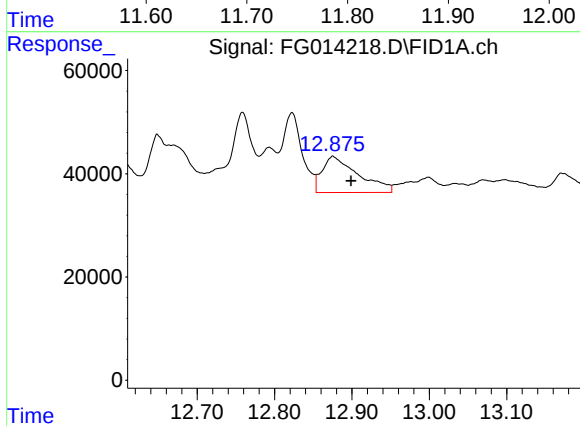
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.014 min
Response: 398113
Conc: 2.87 ug/ml



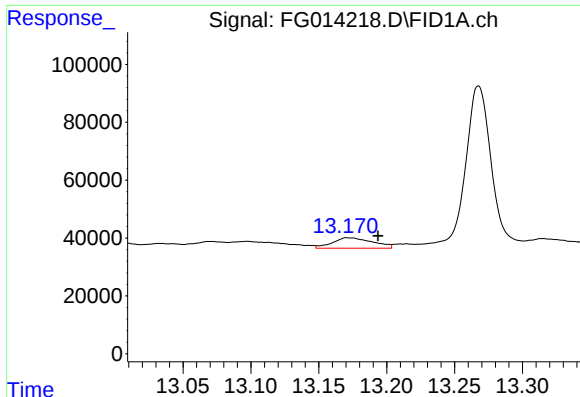
#11 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.011 min
Response: 3294888
Conc: 24.44 ug/ml



#12 Fluoranthene (C21.85)

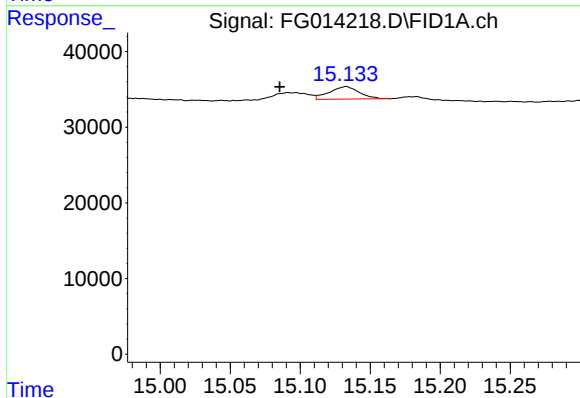
R.T.: 12.876 min
Delta R.T.: -0.023 min
Response: 226167
Conc: 1.74 ug/ml



#13 Pyrene (C20.8)

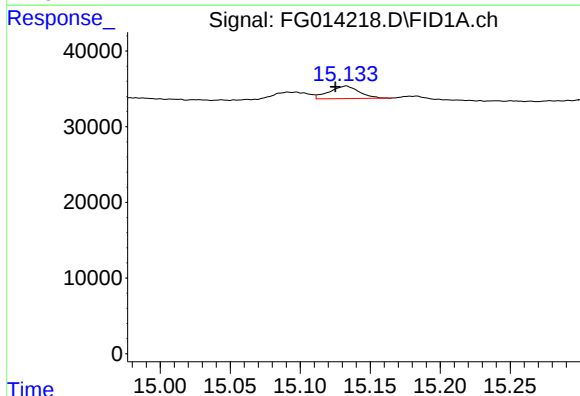
R.T.: 13.173 min
Delta R.T.: -0.021 min
Response: 74782
Conc: 0.57 ug/ml

Instrument :
FID_G
ClientSampleId :



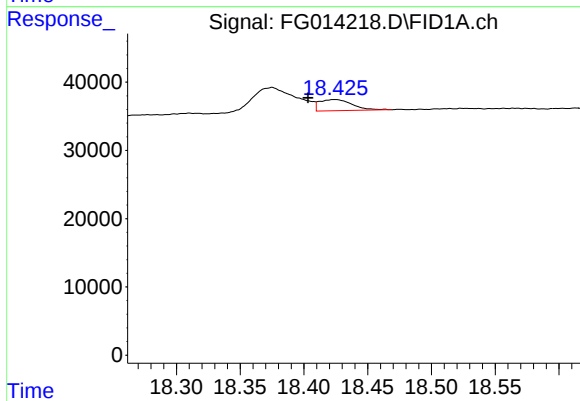
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.132 min
Delta R.T.: 0.047 min
Response: 24351
Conc: 0.21 ug/ml



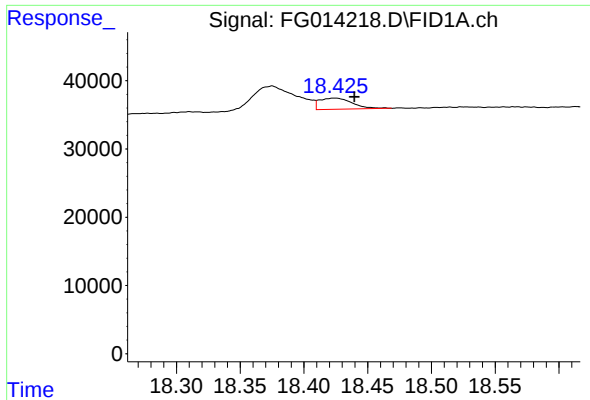
#15 Chrysene (C27.41)

R.T.: 15.132 min
Delta R.T.: 0.007 min
Response: 24351
Conc: 0.17 ug/ml



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

R.T.: 18.424 min
Delta R.T.: 0.021 min
Response: 29020
Conc: 0.29 ug/ml



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

R.T.: 18.424 min
Delta R.T.: -0.016 min
Response: 29020
Conc: 0.20 ug/ml

Instrument :
FID_G
ClientSampleId :