

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014283.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 20:56
 Operator : YP\AJ
 Sample : P4103-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:16 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...	7.874	5643944	50.447 ug/ml
Spiked Amount 50.000		Recovery =	100.89%
6) S 2-Fluorobiphenyl (SURR)	8.746	4237690	58.205 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.41%
11) S ortho-Terphenyl (SURR)	11.846	895177	6.641 ug/ml
Spiked Amount 50.000		Recovery =	13.28%
Target Compounds			
2) T Naphthalene (C11.7)	6.147	40084	0.318 ug/ml
3) T 2-Methylnaphthalene (...)	7.246	1144031	8.982 ug/ml
5) T Acenaphthylene (C15.06)	8.603	577785	4.445 ug/ml
7) T Acenaphthene (C15.5)	8.863	727154	5.251 ug/ml
8) T Flouorene (C16.55)	9.662	660041	5.092 ug/ml
9) T Phenanthrene (C19.36)	11.041	1977277	16.360 ug/ml
10) T Anthracene (C19.43)	11.130	1152771	8.309 ug/ml
12) T Fluoranthene (C21.85)	12.864	1147364	8.850 ug/ml
13) T Pyrene (C20.8)	13.161	634183	4.857 ug/ml
14) T Benzo[a]anthracene (C...	15.086	43530	0.383 ug/ml
15) T Chrysene (C27.41)	15.122	41925	0.297 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.356	112012	1.133 ug/ml

(f)=RT Delta > 1/2 Window

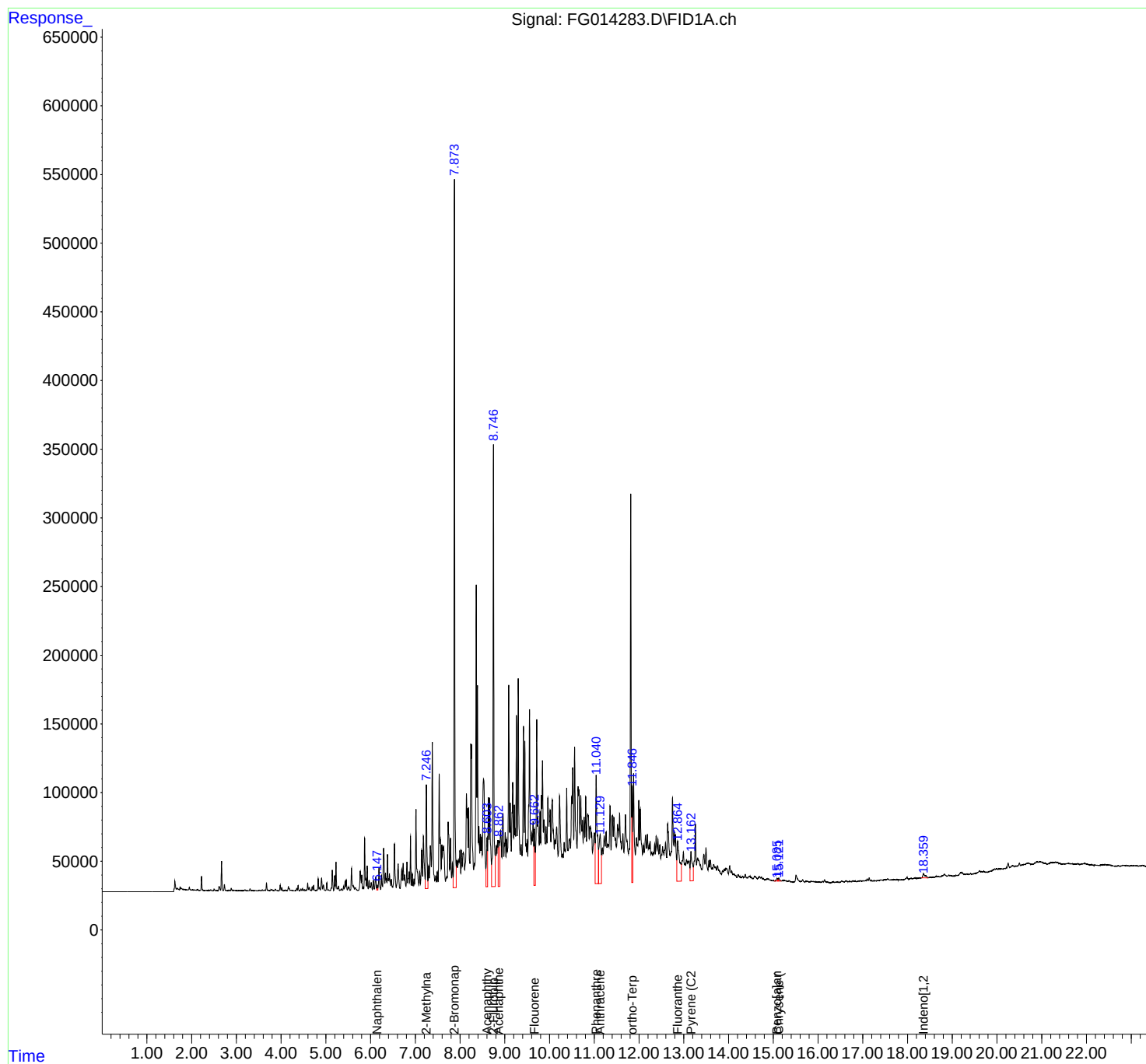
(m)=manual int.

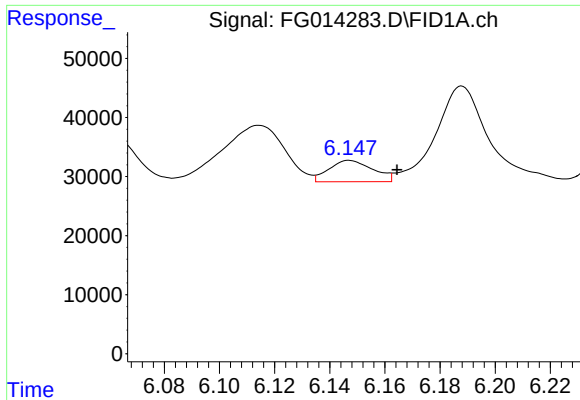
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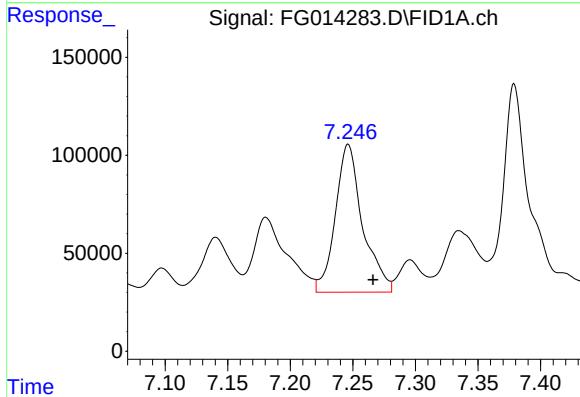




#2 Naphthalene (C11.7)

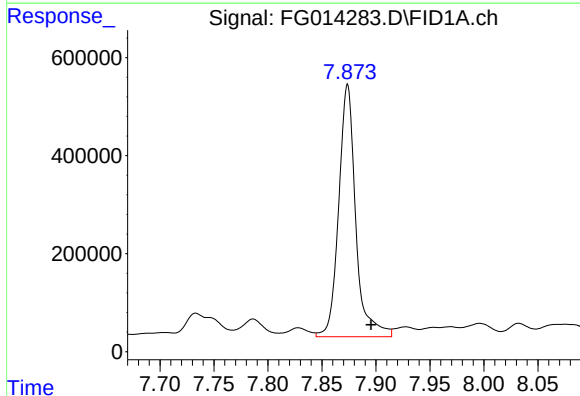
R.T.: 6.147 min
Delta R.T.: -0.017 min
Response: 40084
Conc: 0.32 ug/ml

Instrument :
FID_G
ClientSampleId :



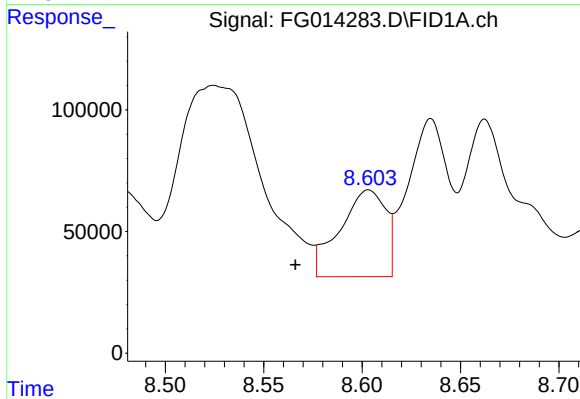
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.020 min
Response: 1144031
Conc: 8.98 ug/ml



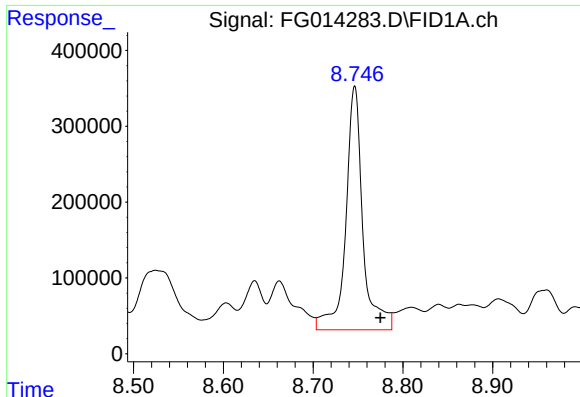
#4 2-Bromonaphthalene (SURR)

R.T.: 7.874 min
Delta R.T.: -0.022 min
Response: 5643944
Conc: 50.45 ug/ml



#5 Acenaphthylene (C15.06)

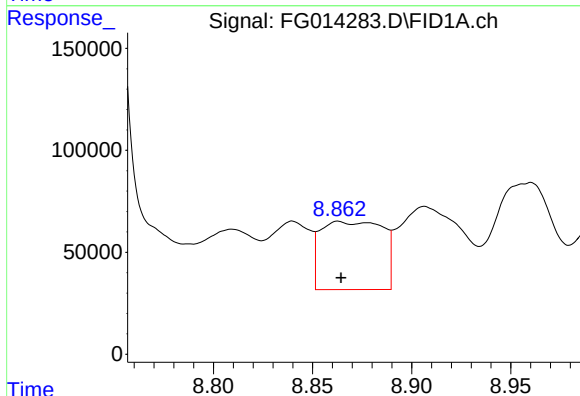
R.T.: 8.603 min
Delta R.T.: 0.037 min
Response: 577785
Conc: 4.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

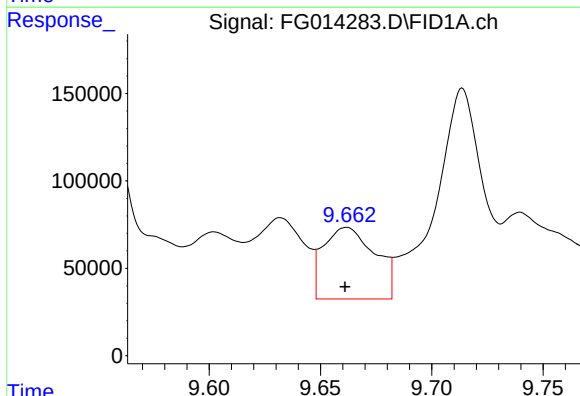
R.T.: 8.746 min
Delta R.T.: -0.029 min
Response: 4237690
Conc: 58.20 ug/ml

Instrument :
FID_G
ClientSampleId :



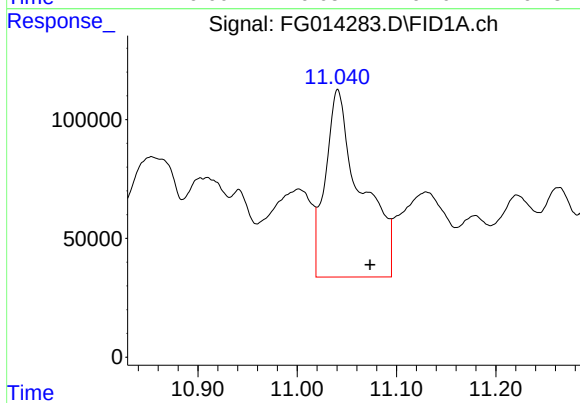
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 727154
Conc: 5.25 ug/ml



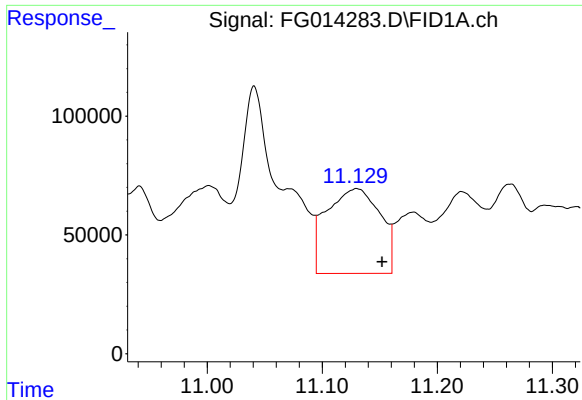
#8 Flouorene (C16.55)

R.T.: 9.662 min
Delta R.T.: 0.000 min
Response: 660041
Conc: 5.09 ug/ml



#9 Phenanthrene (C19.36)

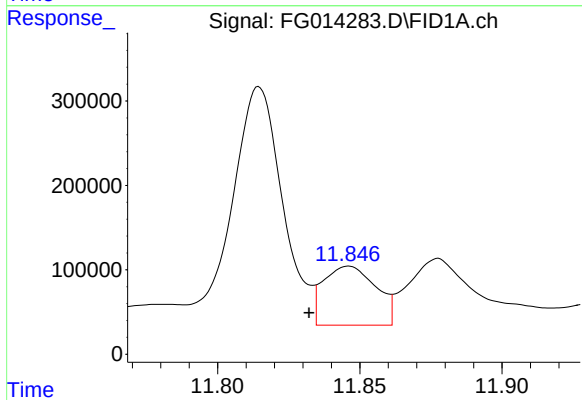
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 1977277
Conc: 16.36 ug/ml



#10 Anthracene (C19.43)

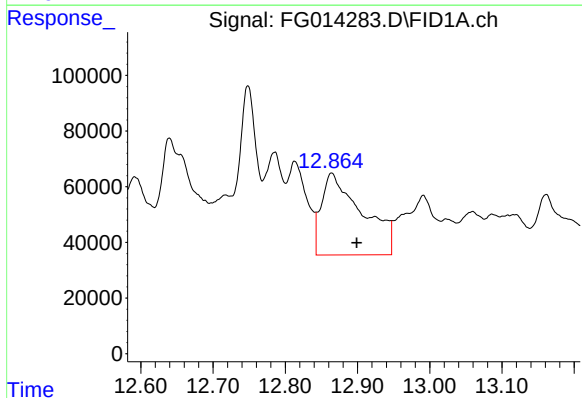
R.T.: 11.130 min
Delta R.T.: -0.022 min
Response: 1152771
Conc: 8.31 ug/ml

Instrument :
FID_G
ClientSampleId :



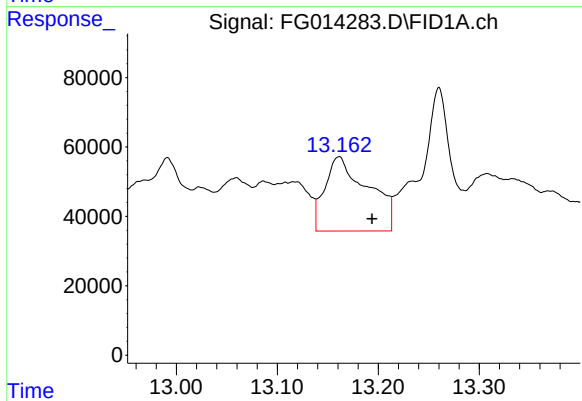
#11 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: 0.014 min
Response: 895177
Conc: 6.64 ug/ml



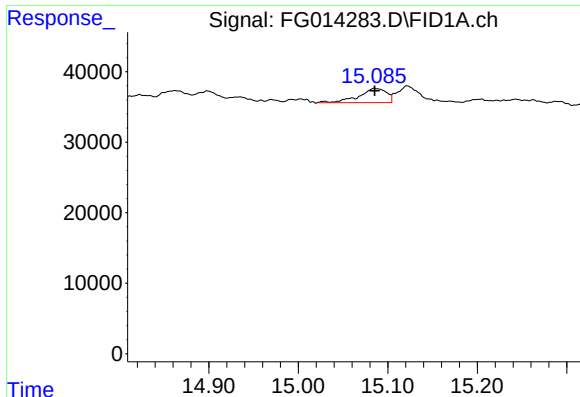
#12 Fluoranthene (C21.85)

R.T.: 12.864 min
Delta R.T.: -0.034 min
Response: 1147364
Conc: 8.85 ug/ml



#13 Pyrene (C20.8)

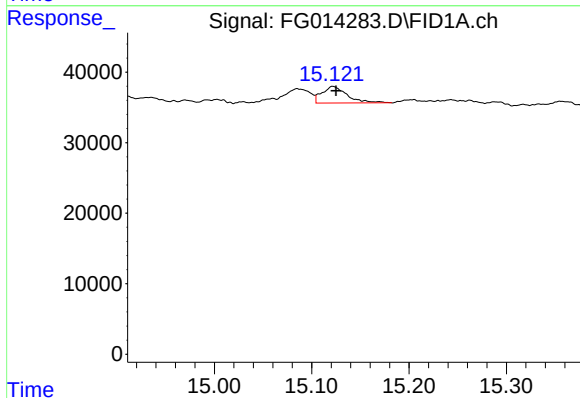
R.T.: 13.161 min
Delta R.T.: -0.033 min
Response: 634183
Conc: 4.86 ug/ml



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

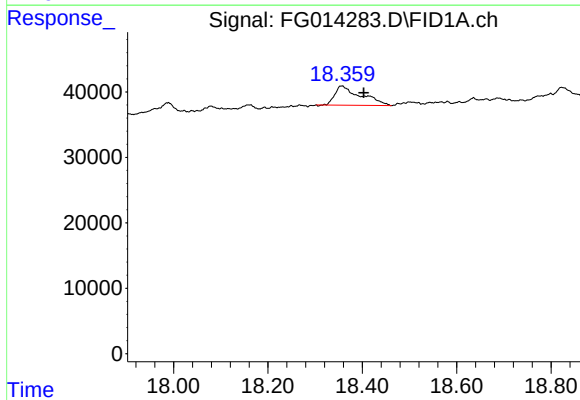
R.T.: 15.086 min
Delta R.T.: 0.000 min
Response: 43530
Conc: 0.38 ug/ml

Instrument :
FID_G
ClientSampleId :



#15 Chrysene (C27.41)

R.T.: 15.122 min
Delta R.T.: -0.003 min
Response: 41925
Conc: 0.30 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.047 min
Response: 112012
Conc: 1.13 ug/ml