

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014289.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 23:52
 Operator : YP\AJ
 Sample : P4104-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:48:00 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...	7.877	10218471	91.335 ug/ml
Spiked Amount 50.000		Recovery =	182.67%
6) S 2-Fluorobiphenyl (SURR)	8.752	8315200	114.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	228.42%#
11) S ortho-Terphenyl (SURR)	11.823	8845320	65.620 ug/ml
Spiked Amount 50.000		Recovery =	131.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	43450	0.338 ug/ml
2) T Naphthalene (C11.7)	6.146	141347	1.121 ug/ml
3) T 2-Methylnaphthalene (...)	7.253	18229880	143.129 ug/ml
5) T Acenaphthylene (C15.06)	8.537	13301347	102.338 ug/ml
7) T Acenaphthene (C15.5)	8.867	1648288	11.902 ug/ml
8) T Flouorene (C16.55)	9.668	3158982	24.371 ug/ml
9) T Phenanthrene (C19.36)	11.050	9786464	80.975 ug/ml
10) T Anthracene (C19.43)	11.138	4984622	35.929 ug/ml
12) T Fluoranthene (C21.85)	12.925	1176638	9.076 ug/ml
13) T Pyrene (C20.8)	13.164	3134645	24.007 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.415	43292	0.438 ug/ml
20) T Dibenz[a,h]anthracene...	18.415	43292	0.294 ug/ml

(f)=RT Delta > 1/2 Window

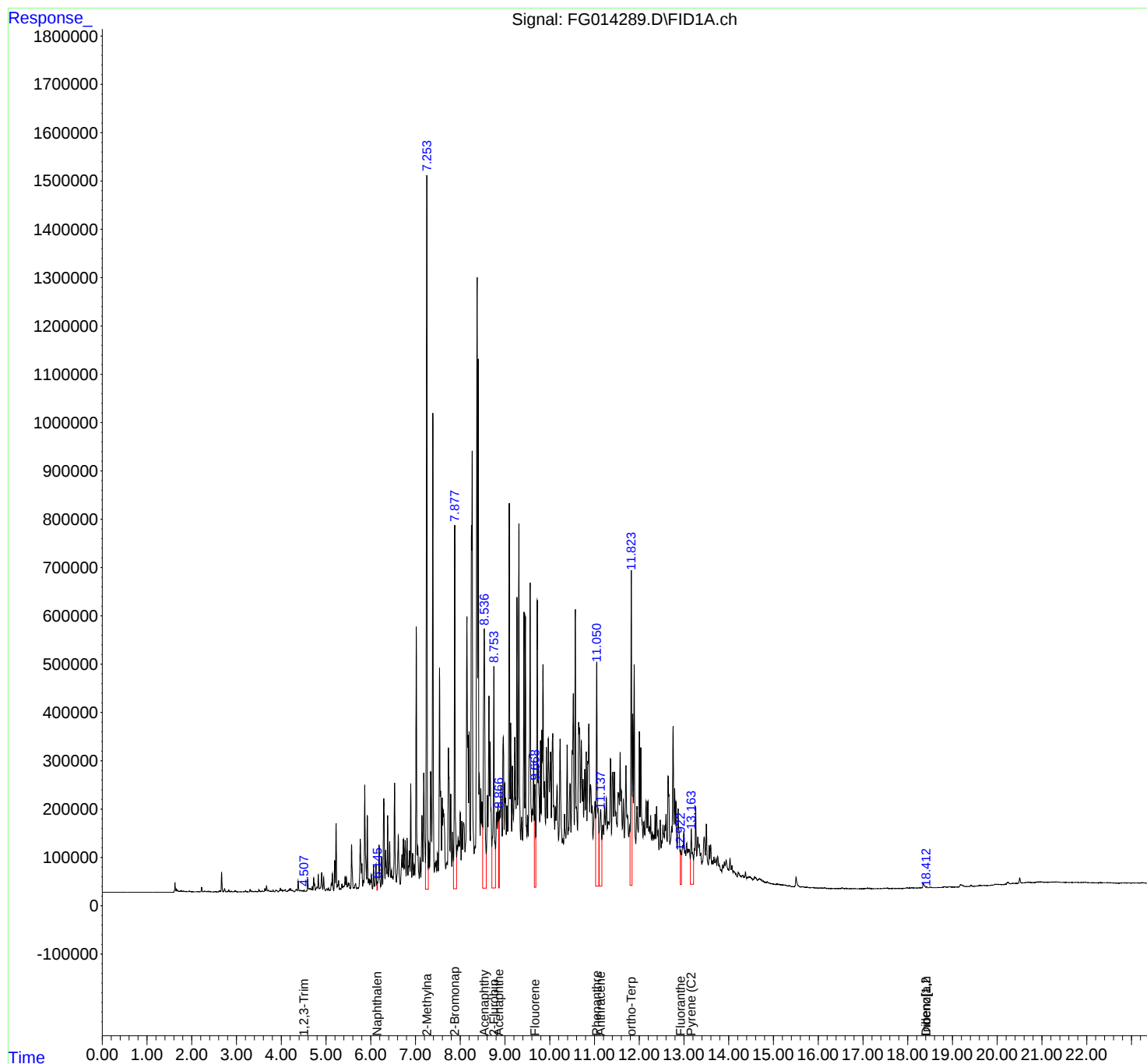
(m)=manual int.

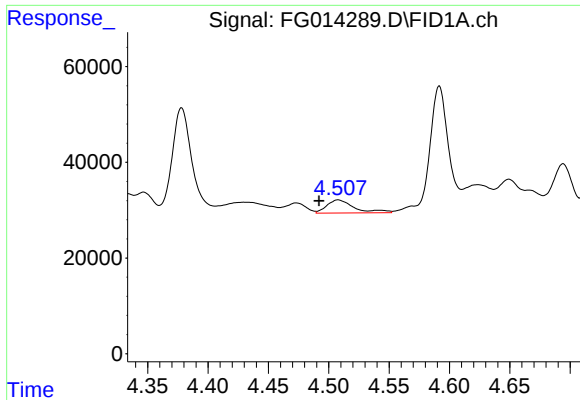
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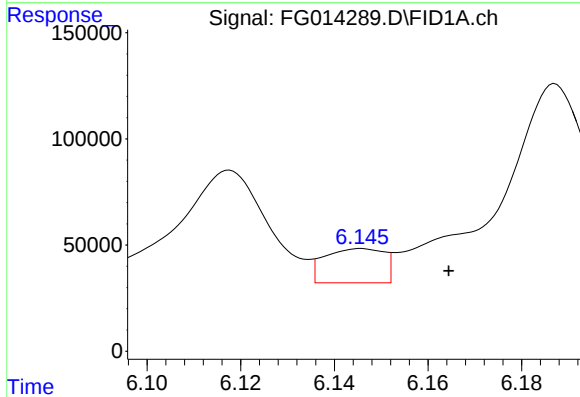




#1 1,2,3-Trimethylbenzene (C10.1)

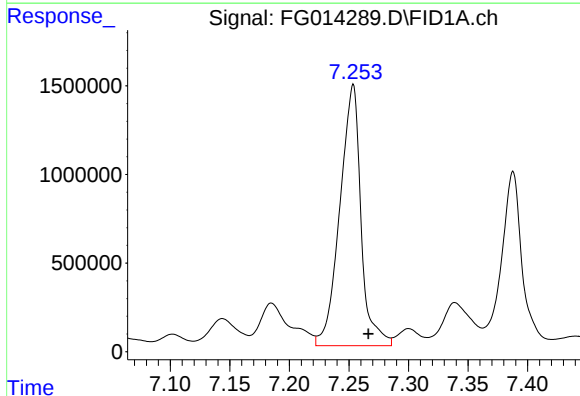
R.T.: 4.508 min
Delta R.T.: 0.016 min
Response: 43450
Conc: 0.34 ug/ml

Instrument :
FID_G
ClientSampleId :



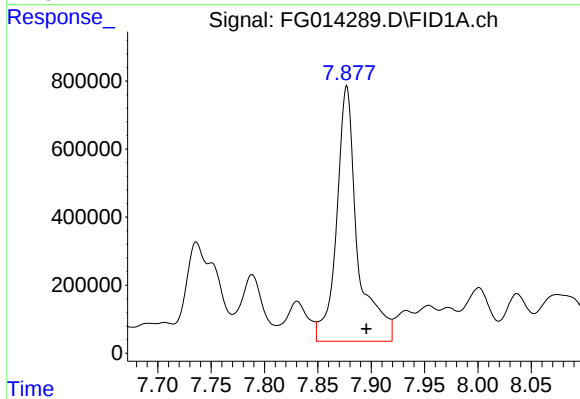
#2 Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: -0.018 min
Response: 141347
Conc: 1.12 ug/ml



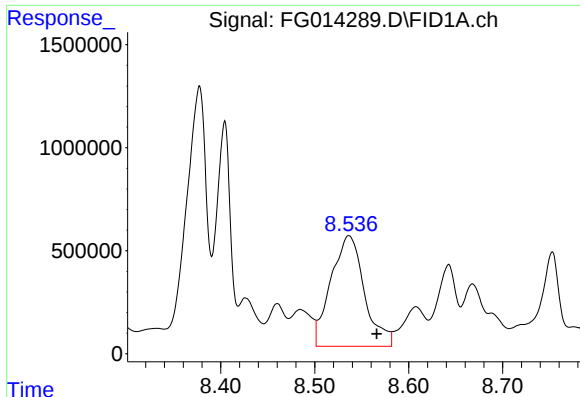
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.013 min
Response: 18229880
Conc: 143.13 ug/ml



#4 2-Bromonaphthalene (SURR)

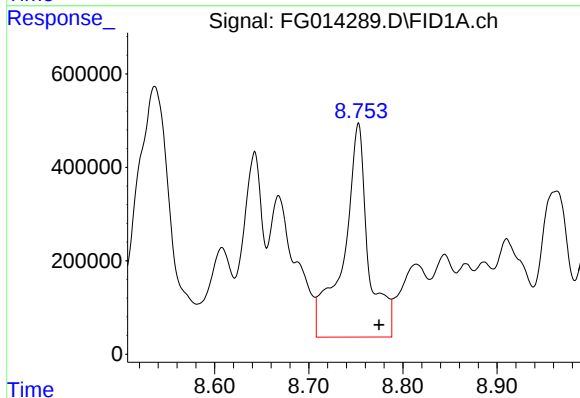
R.T.: 7.877 min
Delta R.T.: -0.019 min
Response: 10218471
Conc: 91.34 ug/ml



#5 Acenaphthylene (C15.06)

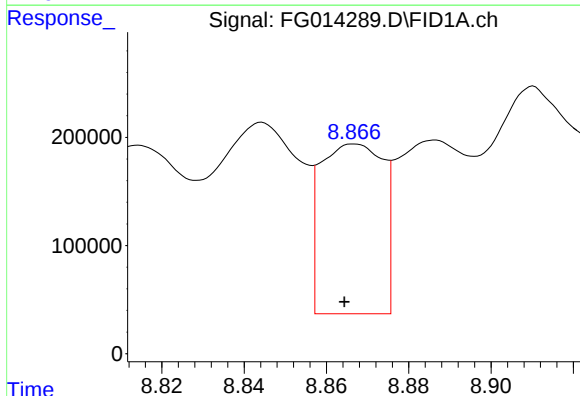
R.T.: 8.537 min
Delta R.T.: -0.030 min
Response: 13301347
Conc: 102.34 ug/ml

Instrument :
FID_G
ClientSampleId :



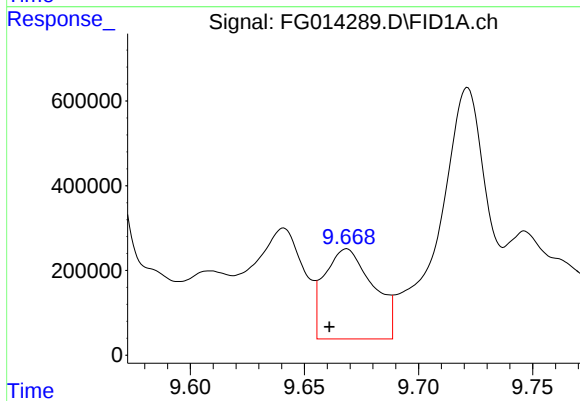
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.752 min
Delta R.T.: -0.022 min
Response: 8315200
Conc: 114.21 ug/ml



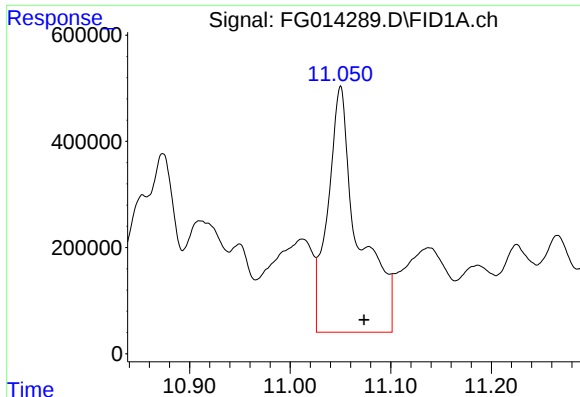
#7 Acenaphthene (C15.5)

R.T.: 8.867 min
Delta R.T.: 0.003 min
Response: 1648288
Conc: 11.90 ug/ml



#8 Flouorene (C16.55)

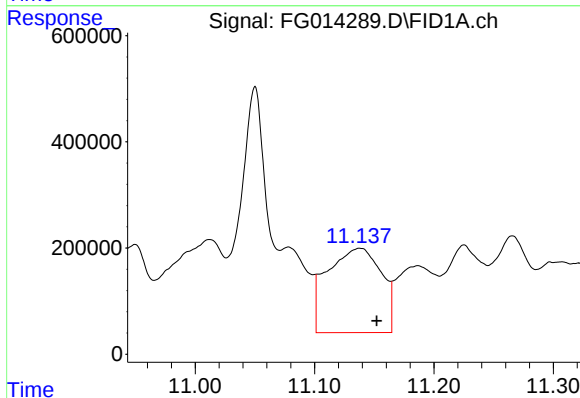
R.T.: 9.668 min
Delta R.T.: 0.007 min
Response: 3158982
Conc: 24.37 ug/ml



#9 Phenanthrene (C19.36)

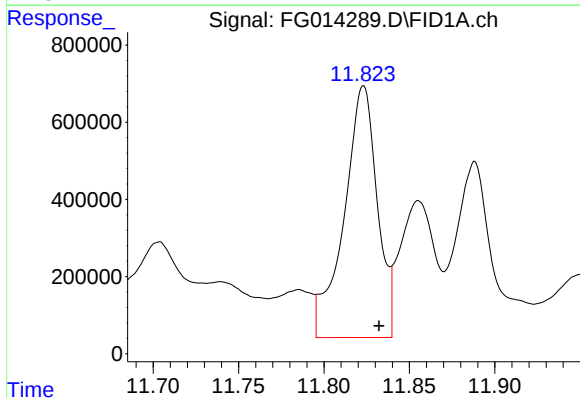
R.T.: 11.050 min
Delta R.T.: -0.023 min
Response: 9786464
Conc: 80.97 ug/ml

Instrument :
FID_G
ClientSampleId :



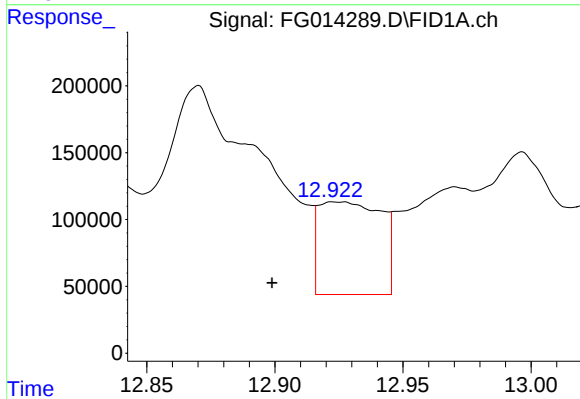
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.014 min
Response: 4984622
Conc: 35.93 ug/ml



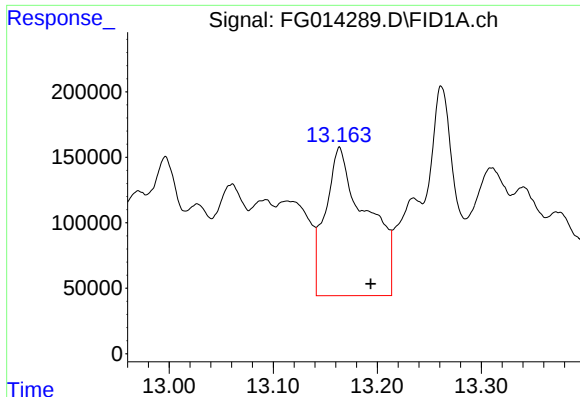
#11 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.009 min
Response: 8845320
Conc: 65.62 ug/ml



#12 Fluoranthene (C21.85)

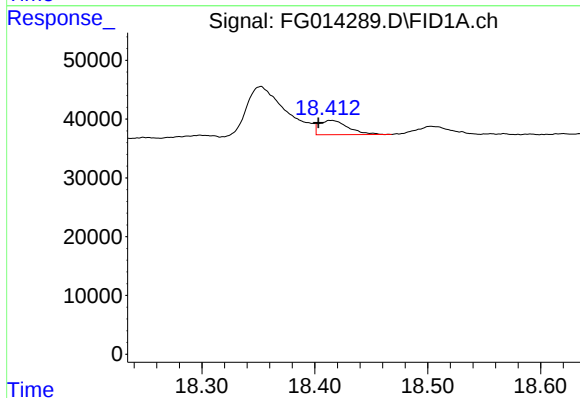
R.T.: 12.925 min
Delta R.T.: 0.026 min
Response: 1176638
Conc: 9.08 ug/ml



#13 Pyrene (C20.8)

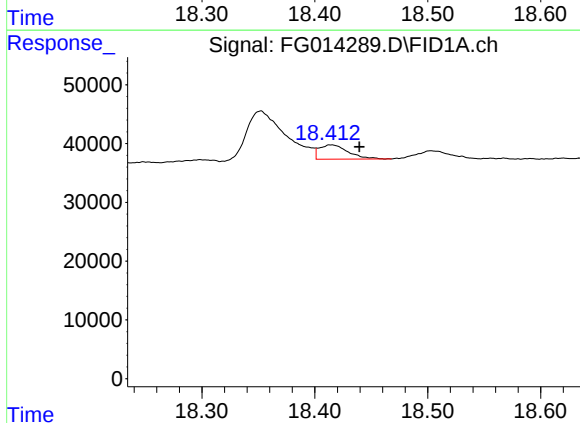
R.T.: 13.164 min
Delta R.T.: -0.030 min
Response: 3134645
Conc: 24.01 ug/ml

Instrument :
FID_G
ClientSampleId :



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

R.T.: 18.415 min
Delta R.T.: 0.012 min
Response: 43292
Conc: 0.44 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.025 min
Response: 43292
Conc: 0.29 ug/ml