

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014285.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 21:55
 Operator : YP\AJ
 Sample : P4103-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:31 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...	7.873	4865965	43.493 ug/ml
Spiked Amount 50.000		Recovery =	86.99%
6) S 2-Fluorobiphenyl (SURR)	8.745	3267221	44.875 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.75%
11) S ortho-Terphenyl (SURR)	11.813	3312254	24.572 ug/ml
Spiked Amount 50.000		Recovery =	49.14%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.250	95285	0.748 ug/ml
5) T Acenaphthylene (C15.06)	8.539	161529	1.243 ug/ml
7) T Acenaphthene (C15.5)	8.902	218186	1.576 ug/ml
8) T Flouorene (C16.55)	9.656	122122	0.942 ug/ml
9) T Phenanthrene (C19.36)	11.043	334586	2.768 ug/ml
10) T Anthracene (C19.43)	11.130	222022	1.600 ug/ml
12) T Fluoranthene (C21.85)	12.867	231245	1.784 ug/ml
13) T Pyrene (C20.8)	13.163	123047	0.942 ug/ml
14) T Benzo[a]anthracene (C...	15.086	27927	0.245 ug/ml
15) T Chrysene (C27.41)	15.124	26422	0.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.415	41418	0.419 ug/ml
20) T Dibenz[a,h]anthracene...	18.415	41418	0.281 ug/ml

(f)=RT Delta > 1/2 Window

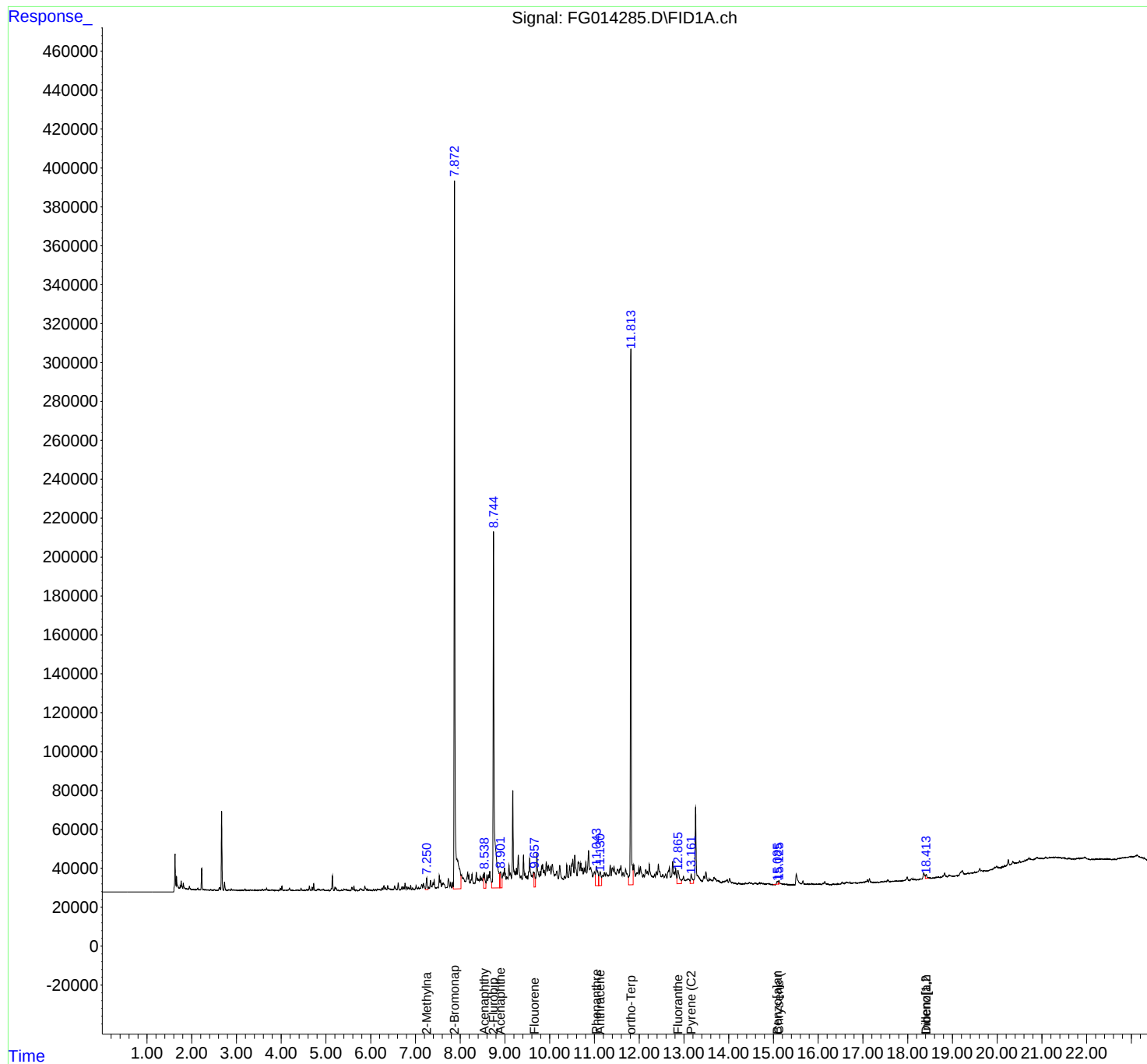
(m)=manual int.

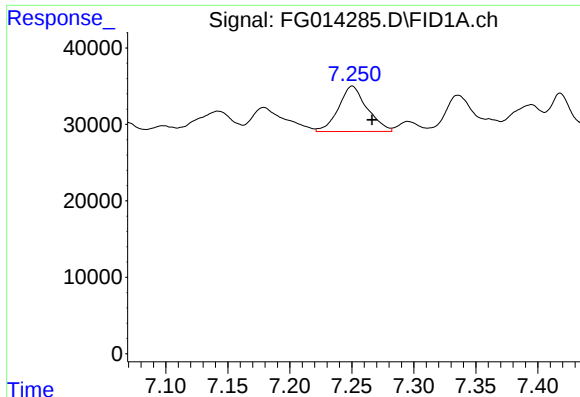
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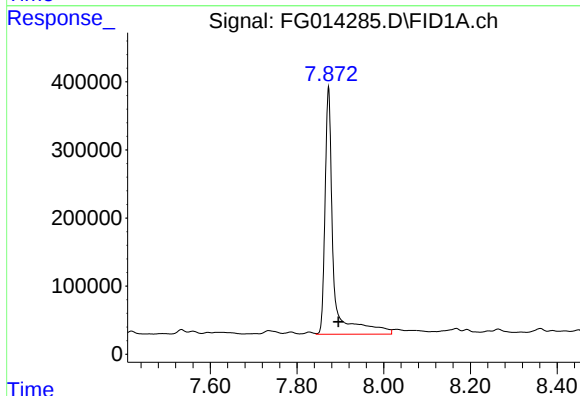




#3 2-Methylnaphthalene (C12.89)

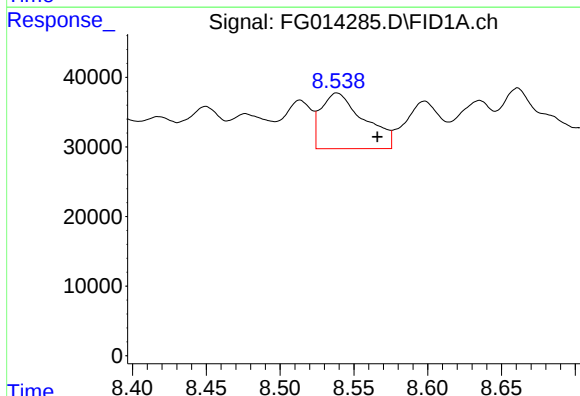
R.T.: 7.250 min
Delta R.T.: -0.016 min
Response: 95285
Conc: 0.75 ug/ml

Instrument :
FID_G
ClientSampleId :



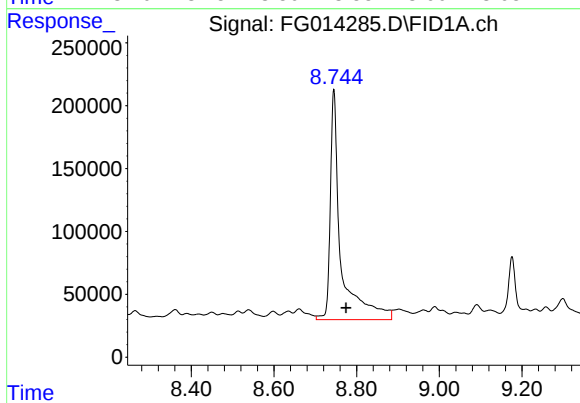
#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min
Delta R.T.: -0.023 min
Response: 4865965
Conc: 43.49 ug/ml



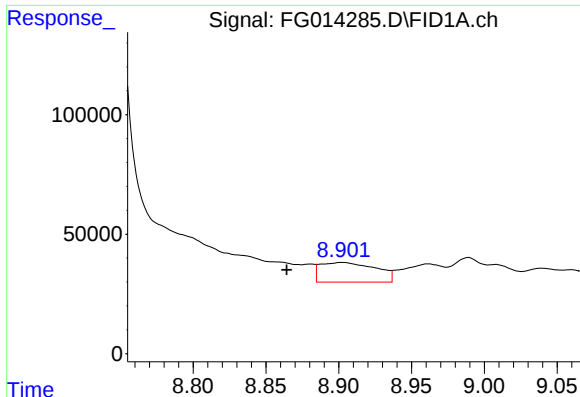
#5 Acenaphthylene (C15.06)

R.T.: 8.539 min
Delta R.T.: -0.027 min
Response: 161529
Conc: 1.24 ug/ml



#6 2-Fluorobiphenyl (SURR)

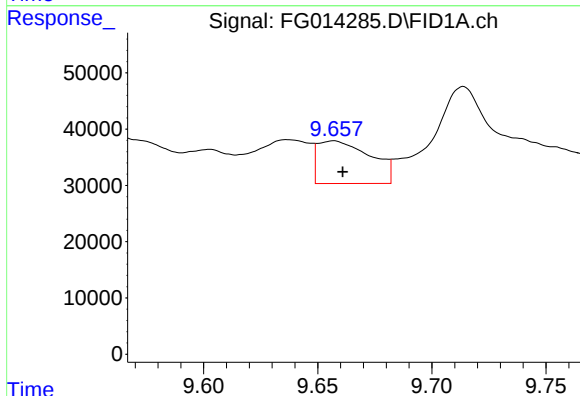
R.T.: 8.745 min
Delta R.T.: -0.030 min
Response: 3267221
Conc: 44.88 ug/ml



#7 Acenaphthene (C15.5)

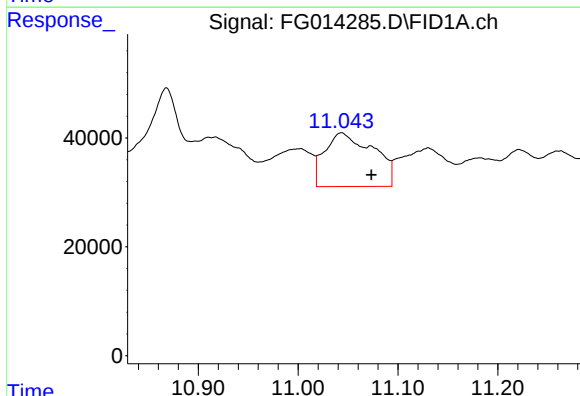
R.T.: 8.902 min
Delta R.T.: 0.038 min
Response: 218186
Conc: 1.58 ug/ml

Instrument :
FID_G
ClientSampleId :



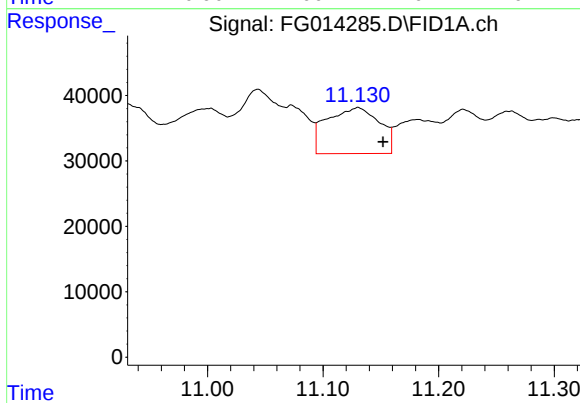
#8 Flouorene (C16.55)

R.T.: 9.656 min
Delta R.T.: -0.005 min
Response: 122122
Conc: 0.94 ug/ml



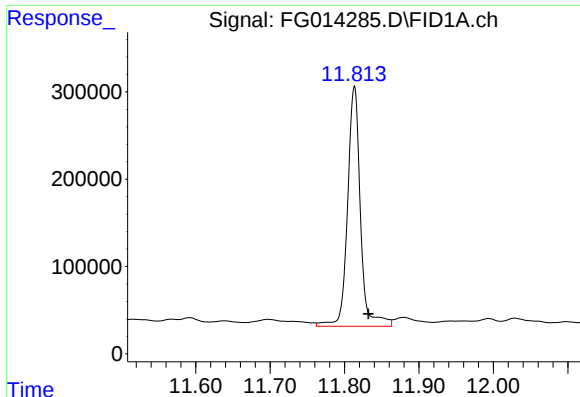
#9 Phenanthrene (C19.36)

R.T.: 11.043 min
Delta R.T.: -0.030 min
Response: 334586
Conc: 2.77 ug/ml



#10 Anthracene (C19.43)

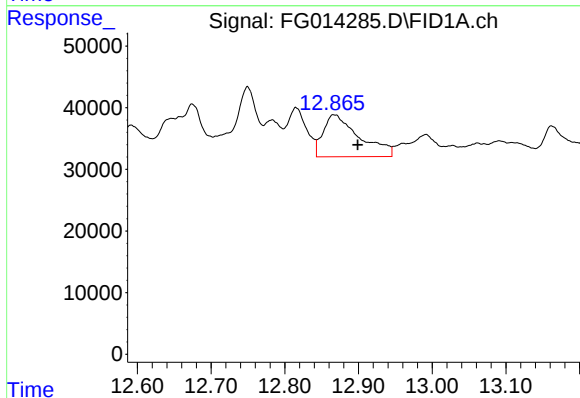
R.T.: 11.130 min
Delta R.T.: -0.022 min
Response: 222022
Conc: 1.60 ug/ml



#11 ortho-Terphenyl (SURR)

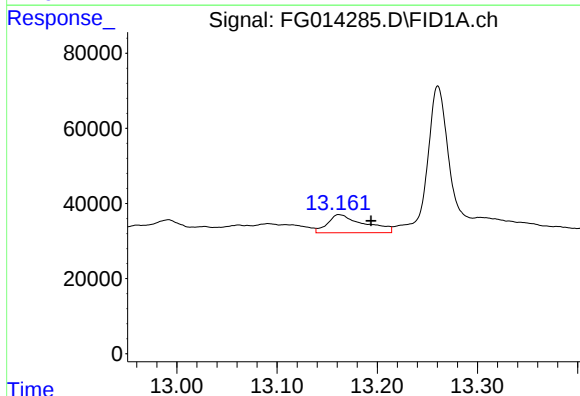
R.T.: 11.813 min
Delta R.T.: -0.019 min
Response: 3312254
Conc: 24.57 ug/ml

Instrument :
FID_G
ClientSampleId :



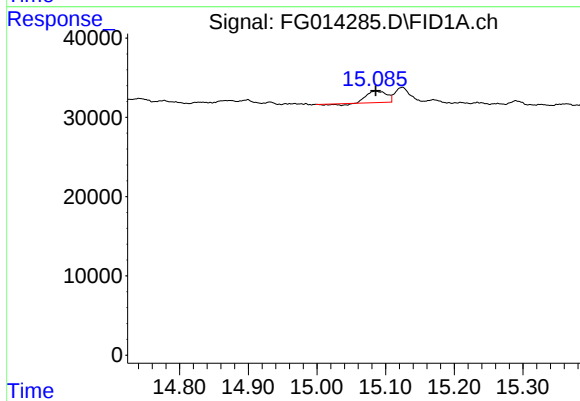
#12 Fluoranthene (C21.85)

R.T.: 12.867 min
Delta R.T.: -0.032 min
Response: 231245
Conc: 1.78 ug/ml



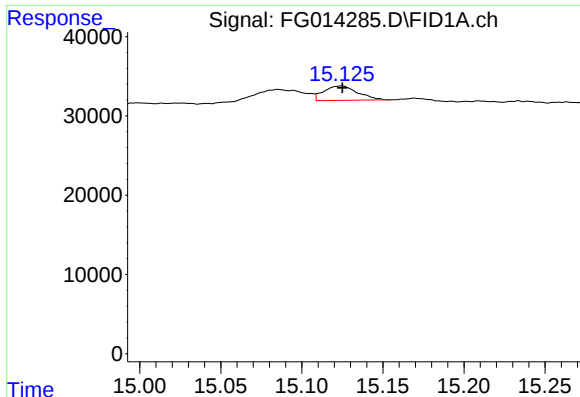
#13 Pyrene (C20.8)

R.T.: 13.163 min
Delta R.T.: -0.031 min
Response: 123047
Conc: 0.94 ug/ml



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

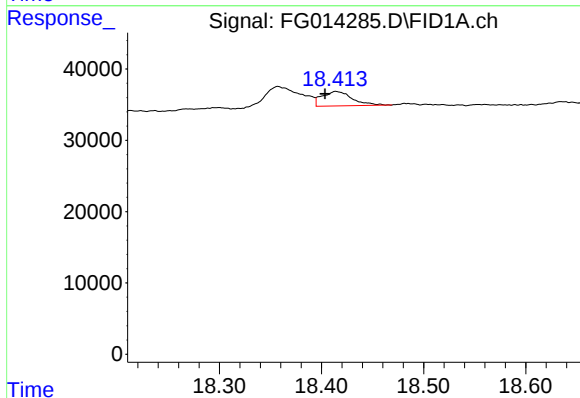
R.T.: 15.086 min
Delta R.T.: 0.000 min
Response: 27927
Conc: 0.25 ug/ml



#15 Chrysene (C27.41)

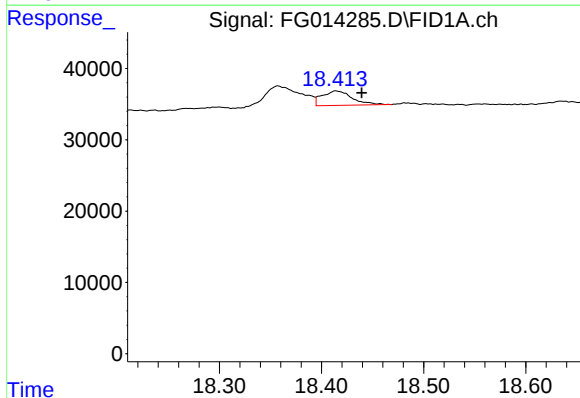
R.T.: 15.124 min
Delta R.T.: -0.001 min
Response: 26422
Conc: 0.19 ug/ml

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: 41418
Conc: 0.42 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.025 min
Response: 41418
Conc: 0.28 ug/ml