

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092024AR\
 Data File : FG014322.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2024 23:48
 Operator : YP\AJ
 Sample : P4104-27
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-23-EPH-2

Integration File: autoint1.e
 Quant Time: Sep 21 03:17:10 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...	7.870	4680717	41.837 ug/ml
Spiked Amount 50.000		Recovery =	83.67%
6) S 2-Fluorobiphenyl (SURR)	8.745	3312108	45.492 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.98%
11) S ortho-Terphenyl (SURR)	11.810	2888685	21.430 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	27975	0.217 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	23268	0.183 ug/ml
13) T Pyrene (C20.8)	13.260f	645802	4.946 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.410	52304	0.529 ug/ml
20) T Dibenz[a,h]anthracene...	18.410	52304	0.355 ug/ml

(f)=RT Delta > 1/2 Window

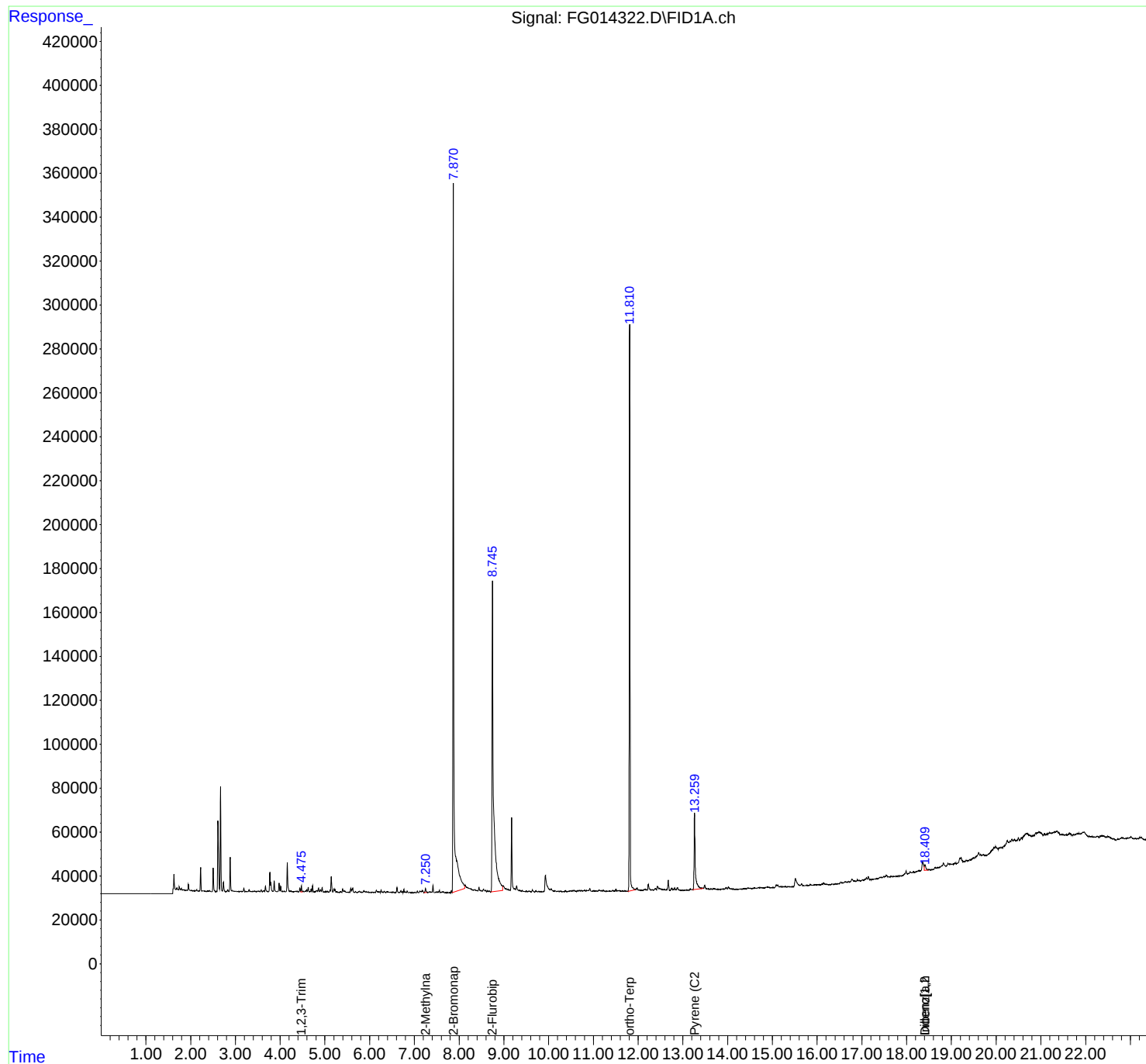
(m)=manual int.

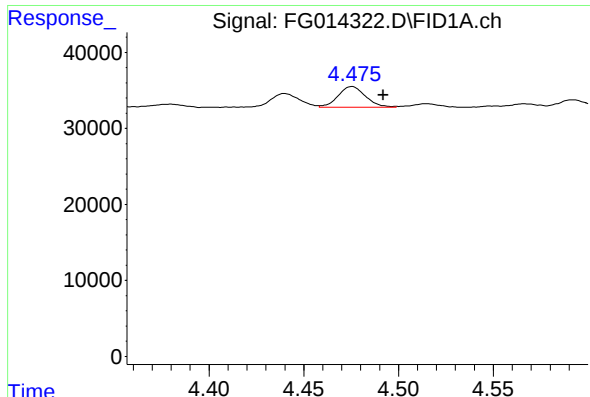
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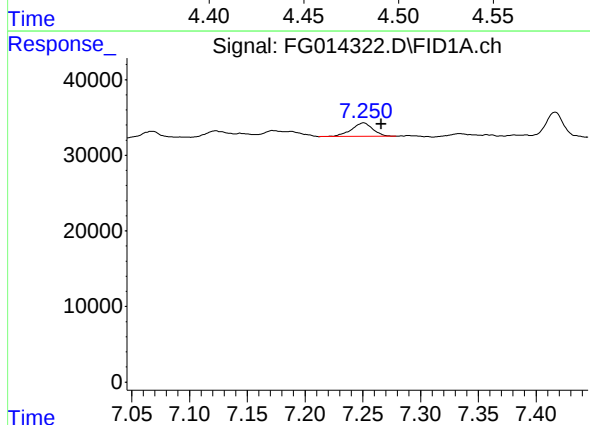




#1 1,2,3-Trimethylbenzene (C10.1)

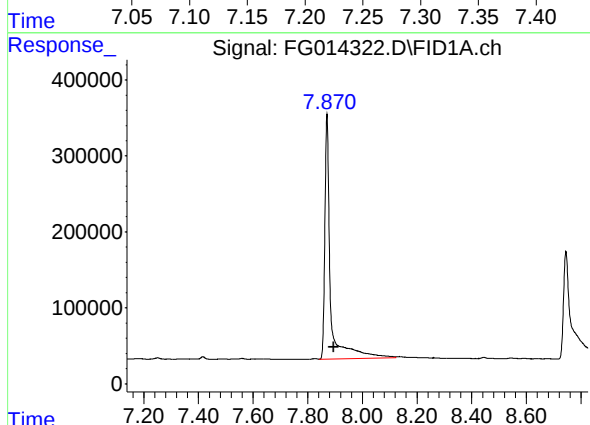
R.T.: 4.475 min
Delta R.T.: -0.017 min
Response: 27975
Conc: 0.22 ug/ml

Instrument :
FID_G
ClientSampleId :
WC-23-EPH-2



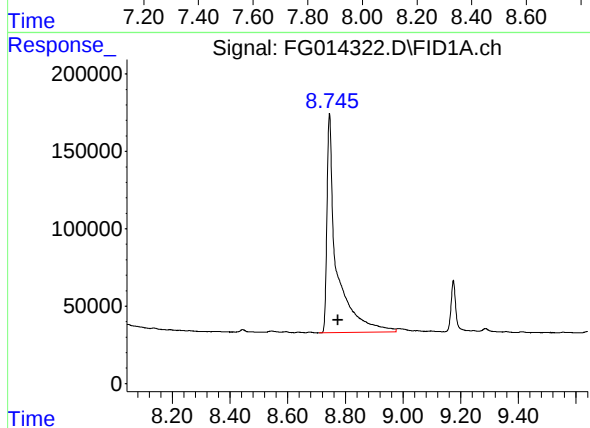
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: -0.016 min
Response: 23268
Conc: 0.18 ug/ml



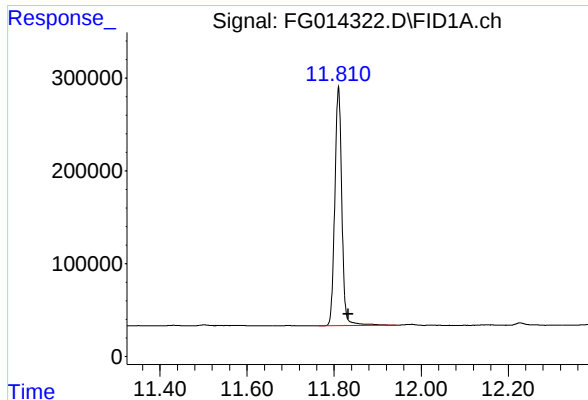
#4 2-Bromonaphthalene (SURR)

R.T.: 7.870 min
Delta R.T.: -0.025 min
Response: 4680717
Conc: 41.84 ug/ml



#6 2-Fluorobiphenyl (SURR)

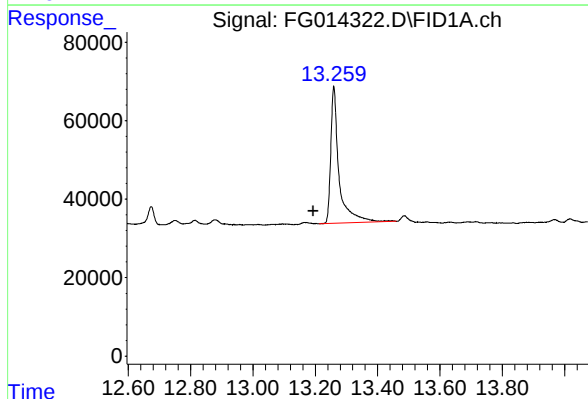
R.T.: 8.745 min
Delta R.T.: -0.030 min
Response: 3312108
Conc: 45.49 ug/ml



#11 ortho-Terphenyl (SURR)

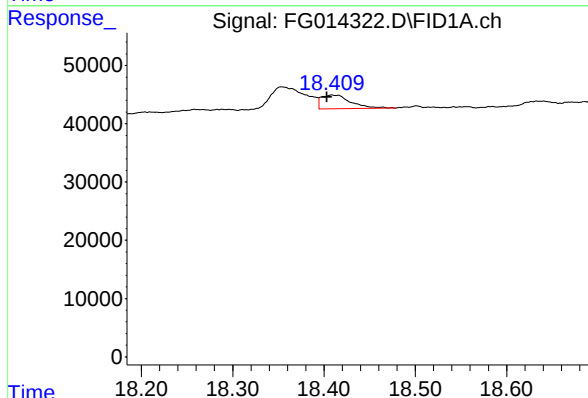
R.T.: 11.810 min
Delta R.T.: -0.022 min
Response: 2888685
Conc: 21.43 ug/ml

Instrument :
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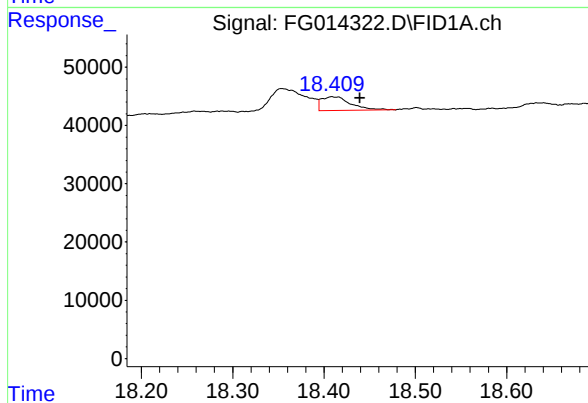
#13 Pyrene (C20.8)

R.T.: 13.260 min
Delta R.T.: 0.066 min
Response: 645802
Conc: 4.95 ug/ml



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

R.T.: 18.410 min
Delta R.T.: 0.007 min
Response: 52304
Conc: 0.53 ug/ml



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

R.T.: 18.410 min
Delta R.T.: -0.029 min
Response: 52304
Conc: 0.36 ug/ml