

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015516.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 13:59
 Operator : YP\AJ
 Sample : Q1574-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 01:00:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 2025
 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...	7.968	6217170	50.896 ug/ml
Spiked Amount 50.000		Recovery =	101.79%
6) S 2-Fluorobiphenyl (SURR)	8.845	3950549	47.794 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.59%
11) S ortho-Terphenyl (SURR)	11.938	4104130	28.143 ug/ml
Spiked Amount 50.000		Recovery =	56.29%
Target Compounds			
2) T Naphthalene (C11.7)	6.236	801106	5.929 ug/ml
3) T 2-Methylnaphthalene (...)	7.336	1085746	8.139 ug/ml
5) T Acenaphthylene (C15.06)	8.576f	574349	4.055 ug/ml
7) T Acenaphthene (C15.5)	8.974	194551	1.426 ug/ml
8) T Flouorene (C16.55)	9.751	573924	4.111 ug/ml
9) T Phenanthrene (C19.36)	11.173	195826	1.390 ug/ml
10) T Anthracene (C19.43)	11.173	195826	1.431 ug/ml
12) T Fluoranthene (C21.85)	13.025	1118046	7.840 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	3636020	30.428 ug/ml

(f)=RT Delta > 1/2 Window

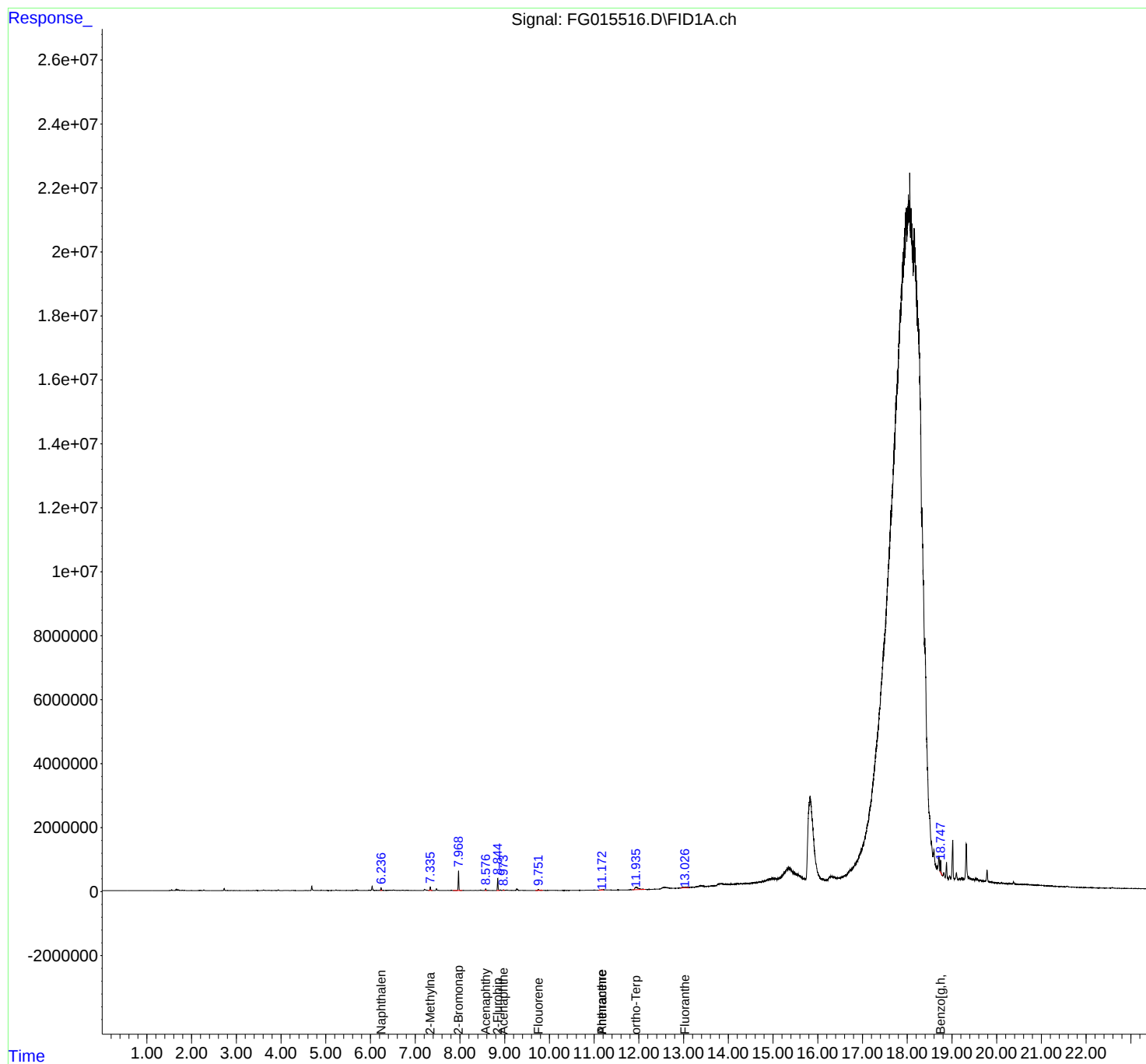
(m)=manual int.

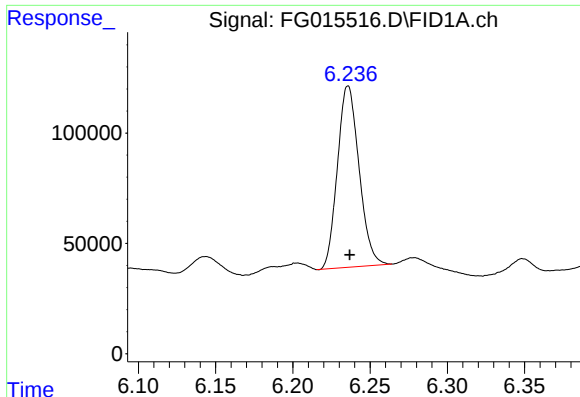
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

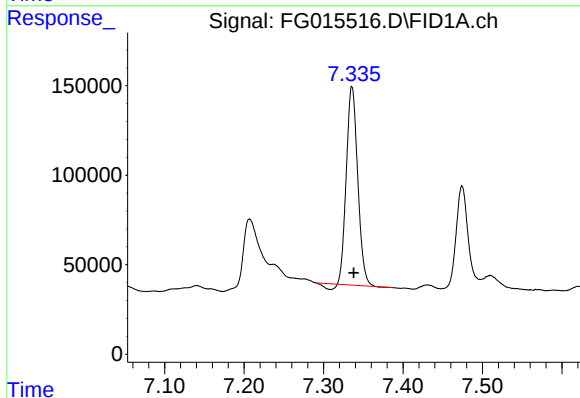




#2 Naphthalene (C11.7)

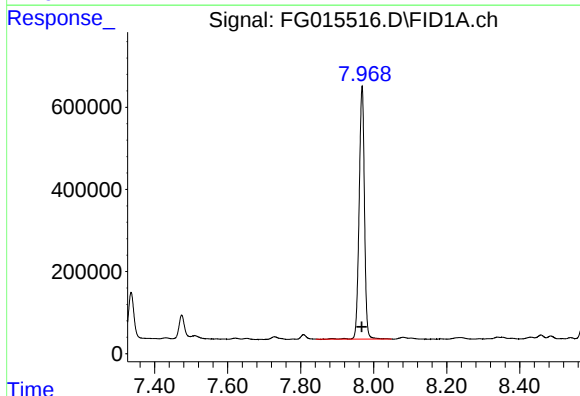
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 801106
Conc: 5.93 ug/ml

Instrument :
FID_G
ClientSampleId :



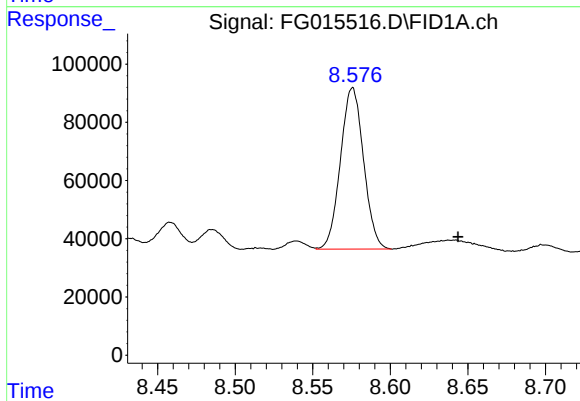
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 1085746
Conc: 8.14 ug/ml



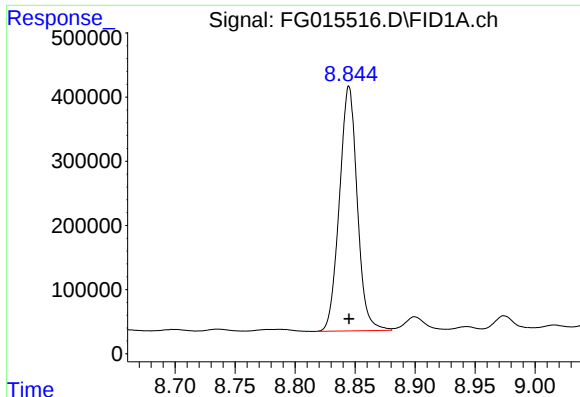
#4 2-Bromonaphthalene (SURR)

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 6217170
Conc: 50.90 ug/ml



#5 Acenaphthylene (C15.06)

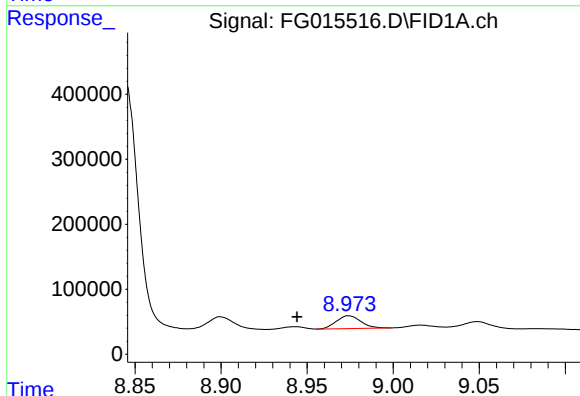
R.T.: 8.576 min
Delta R.T.: -0.068 min
Response: 574349
Conc: 4.06 ug/ml



#6 2-Fluorobiphenyl (SURR)

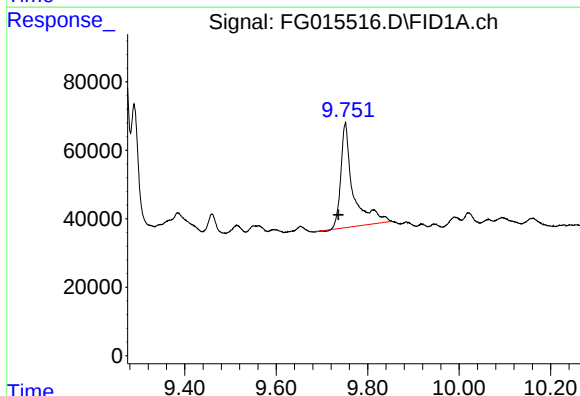
R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 3950549
Conc: 47.79 ug/ml

Instrument :
FID_G
ClientSampleId :



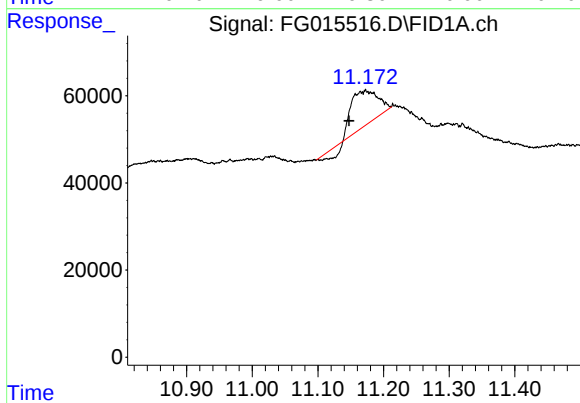
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: 0.030 min
Response: 194551
Conc: 1.43 ug/ml



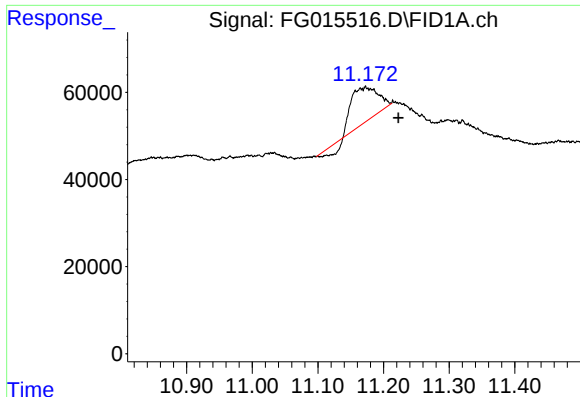
#8 Flouorene (C16.55)

R.T.: 9.751 min
Delta R.T.: 0.015 min
Response: 573924
Conc: 4.11 ug/ml



#9 Phenanthrene (C19.36)

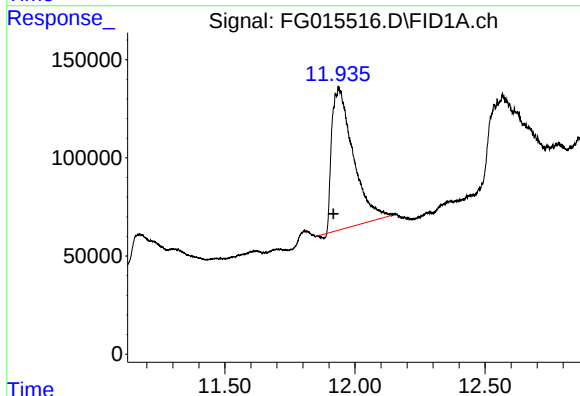
R.T.: 11.173 min
Delta R.T.: 0.026 min
Response: 195826
Conc: 1.39 ug/ml



#10 Anthracene (C19.43)

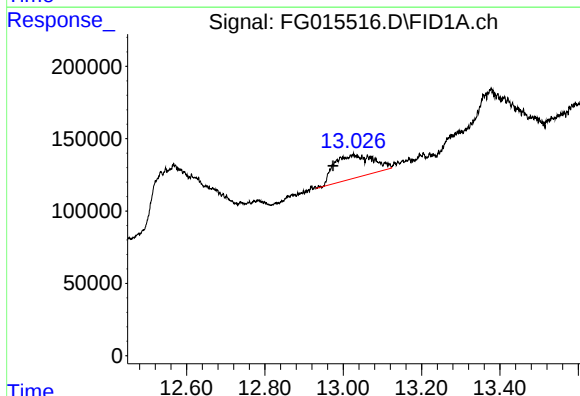
R.T.: 11.173 min
Delta R.T.: -0.050 min
Response: 195826
Conc: 1.43 ug/ml

Instrument :
FID_G
ClientSampleId :



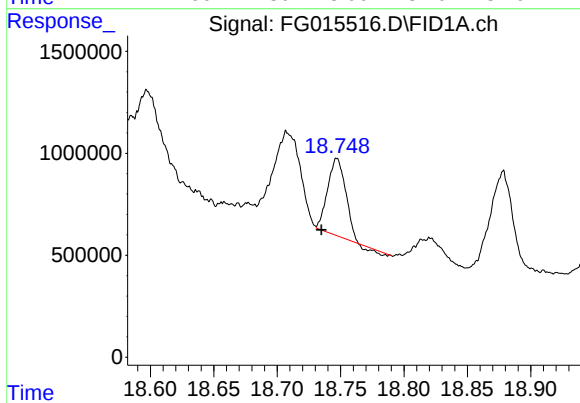
#11 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.020 min
Response: 4104130
Conc: 28.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.025 min
Delta R.T.: 0.051 min
Response: 1118046
Conc: 7.84 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.747 min
Delta R.T.: 0.012 min
Response: 3636020
Conc: 30.43 ug/ml