

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015517.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 14:28
 Operator : YP\AJ
 Sample : Q1574-01D
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 01:00:25 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...	7.969	6314319	51.691 ug/ml
Spiked Amount 50.000		Recovery =	103.38%
6) S 2-Fluorobiphenyl (SURR)	8.847	4005956	48.465 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.93%
11) S ortho-Terphenyl (SURR)	11.926	4152445	28.475 ug/ml
Spiked Amount 50.000		Recovery =	56.95%
Target Compounds			
2) T Naphthalene (C11.7)	6.237	812022	6.010 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	1100799	8.252 ug/ml
5) T Acenaphthylene (C15.06)	8.578f	724816	5.118 ug/ml
7) T Acenaphthene (C15.5)	8.976	214507	1.572 ug/ml
8) T Flouorene (C16.55)	9.752	630911	4.519 ug/ml
9) T Phenanthrene (C19.36)	11.159	795669	5.648 ug/ml
10) T Anthracene (C19.43)	11.159	795669	5.815 ug/ml
12) T Fluoranthene (C21.85)	12.997	900958	6.318 ug/ml
21) T Benzo[g,h,i]perylene ...	18.751	3955021	33.098 ug/ml

(f)=RT Delta > 1/2 Window

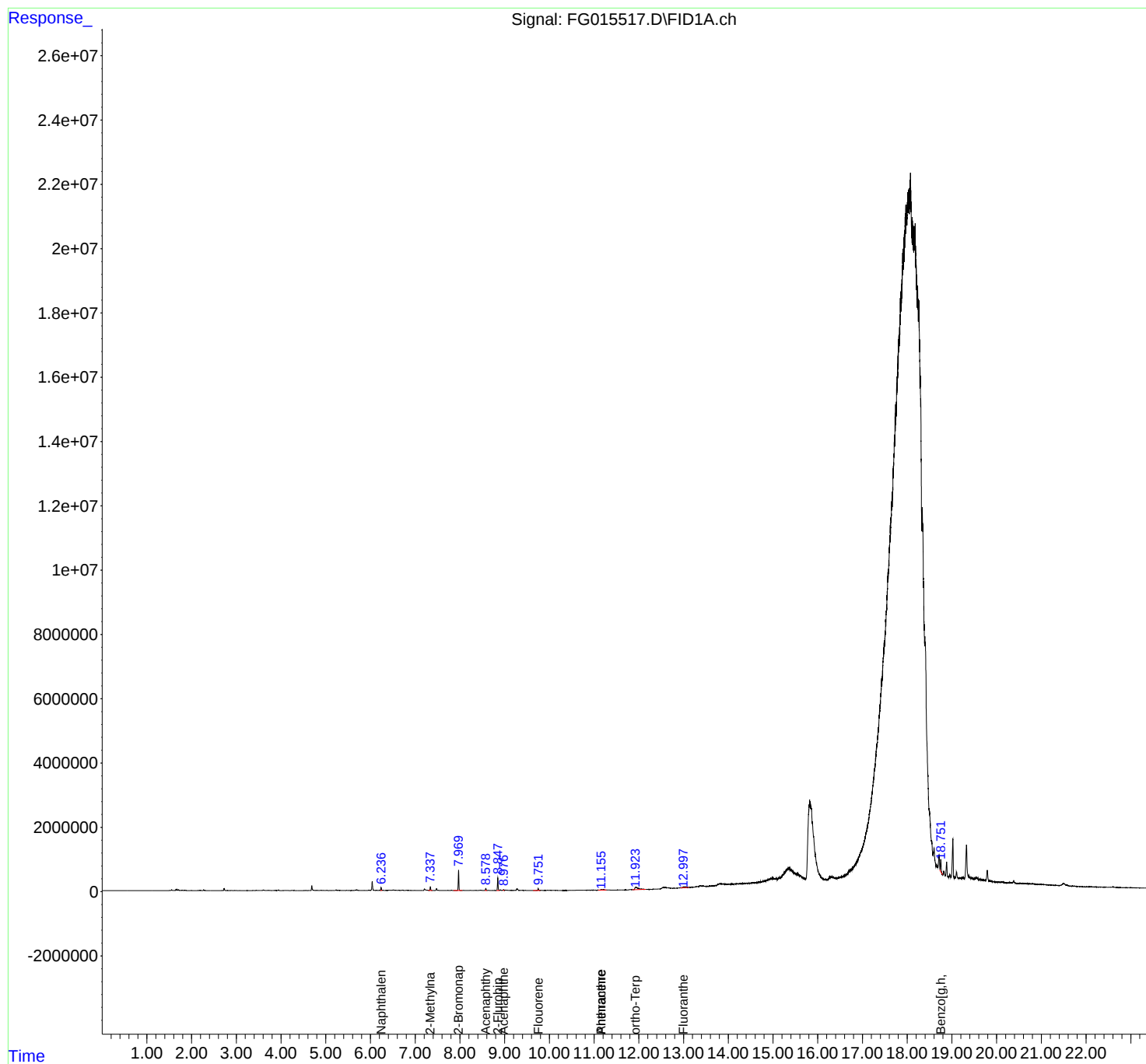
(m)=manual int.

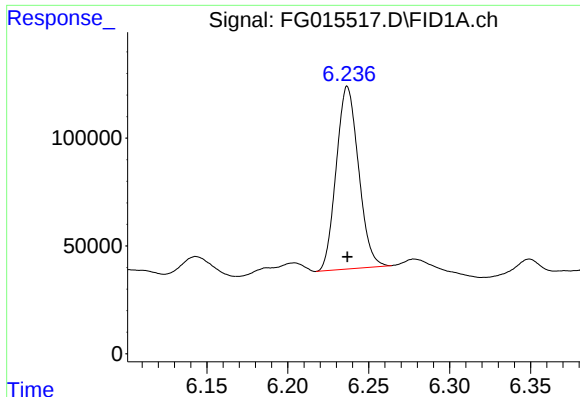
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Signal Info : 20M x 0.18mm x 0.18µm

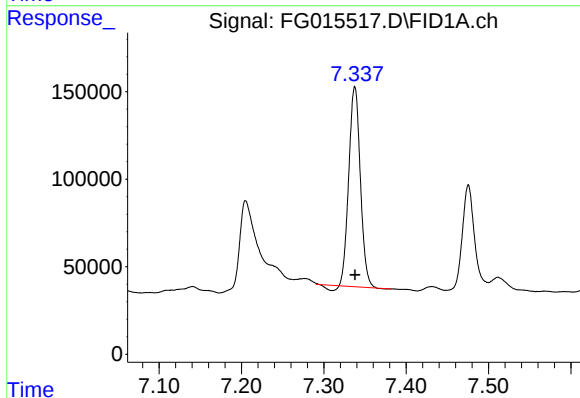




#2 Naphthalene (C11.7)

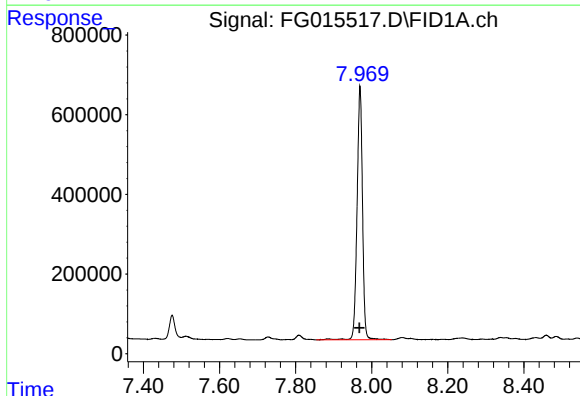
R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 812022
Conc: 6.01 ug/ml

Instrument :
FID_G
ClientSampleId :



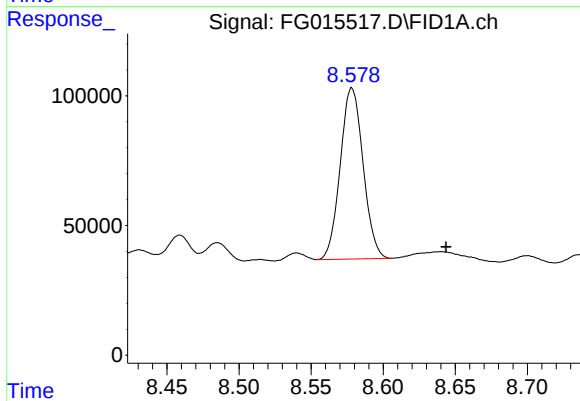
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 1100799
Conc: 8.25 ug/ml



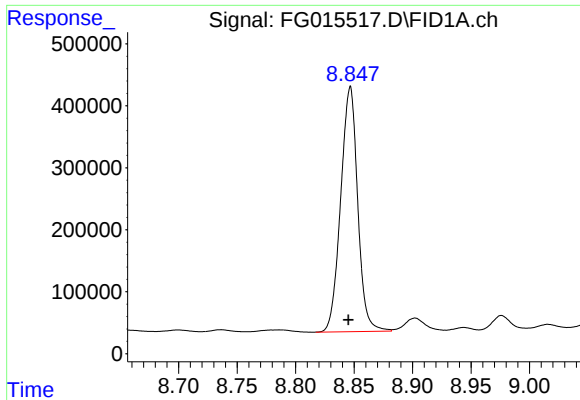
#4 2-Bromonaphthalene (SURR)

R.T.: 7.969 min
Delta R.T.: 0.001 min
Response: 6314319
Conc: 51.69 ug/ml



#5 Acenaphthylene (C15.06)

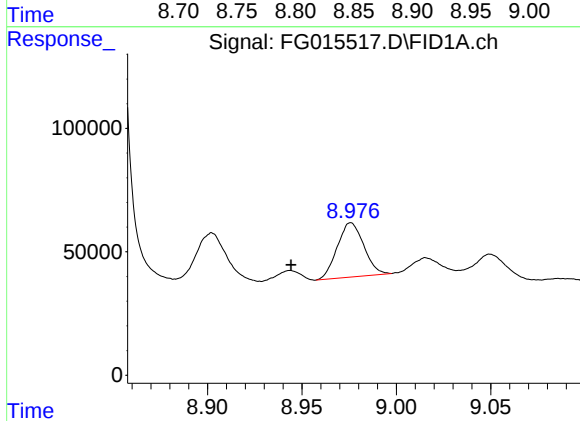
R.T.: 8.578 min
Delta R.T.: -0.065 min
Response: 724816
Conc: 5.12 ug/ml



#6 2-Fluorobiphenyl (SURR)

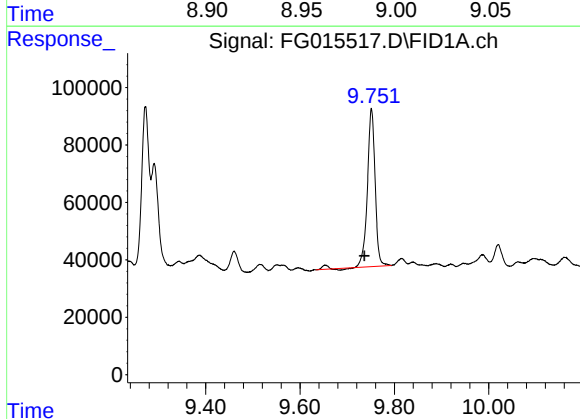
R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 4005956
Conc: 48.46 ug/ml

Instrument :
FID_G
ClientSampleId :



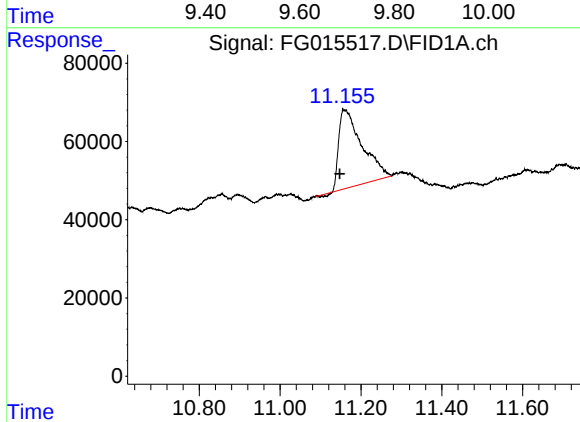
#7 Acenaphthene (C15.5)

R.T.: 8.976 min
Delta R.T.: 0.032 min
Response: 214507
Conc: 1.57 ug/ml



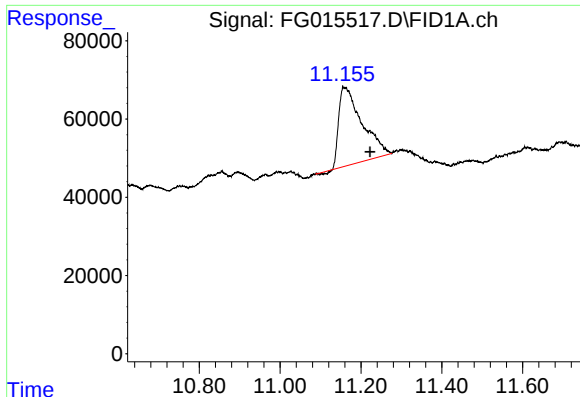
#8 Flouorene (C16.55)

R.T.: 9.752 min
Delta R.T.: 0.015 min
Response: 630911
Conc: 4.52 ug/ml



#9 Phenanthrene (C19.36)

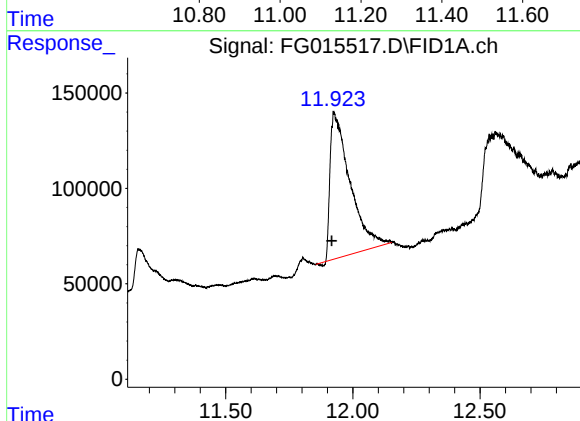
R.T.: 11.159 min
Delta R.T.: 0.012 min
Response: 795669
Conc: 5.65 ug/ml



#10 Anthracene (C19.43)

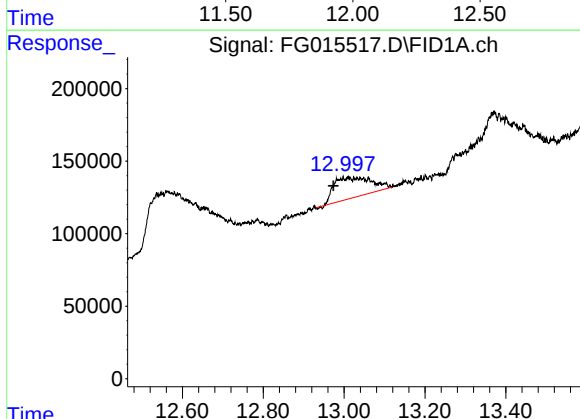
R.T.: 11.159 min
Delta R.T.: -0.064 min
Response: 795669
Conc: 5.81 ug/ml

Instrument :
FID_G
ClientSampleId :



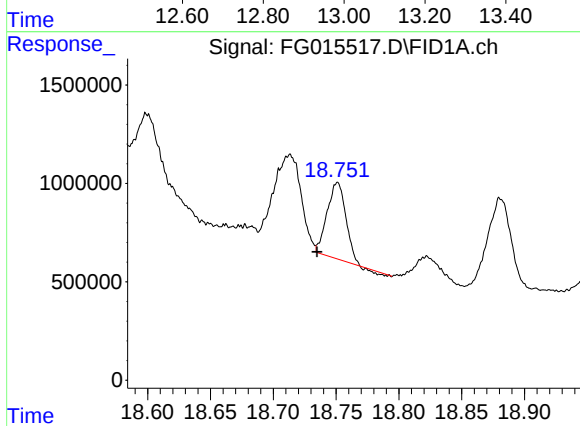
#11 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.009 min
Response: 4152445
Conc: 28.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.997 min
Delta R.T.: 0.024 min
Response: 900958
Conc: 6.32 ug/ml



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

R.T.: 18.751 min
Delta R.T.: 0.016 min
Response: 3955021
Conc: 33.10 ug/ml