

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032125AR\
 Data File : FG015534.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2025 09:25
 Operator : YP\AJ
 Sample : Q1606-11DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 N48965DL

Integration File: autoint1.e
 Quant Time: Mar 21 22:52:44 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...	7.967	3432363	28.098 ug/ml
Spiked Amount 50.000		Recovery =	56.20%
6) S 2-Fluorobiphenyl (SURR)	8.845	1932597	23.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.76%
11) S ortho-Terphenyl (SURR)	11.926	7715740	52.910 ug/ml
Spiked Amount 50.000		Recovery =	105.82%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.661	165344	1.167 ug/ml
7) T Acenaphthene (C15.5)	8.929	453255	3.322 ug/ml
8) T Flouorene (C16.55)	9.713	1156184	8.282 ug/ml
9) T Phenanthrene (C19.36)	11.139	2949794	20.938 ug/ml
10) T Anthracene (C19.43)	11.226	4019187	29.371 ug/ml
12) T Fluoranthene (C21.85)	12.978	194461	1.364 ug/ml
13) T Pyrene (C20.8)	13.237	429880	3.064 ug/ml
17) T Bnezo[k]fluoranthene ...	16.815f	327716	2.400 ug/ml

(f)=RT Delta > 1/2 Window

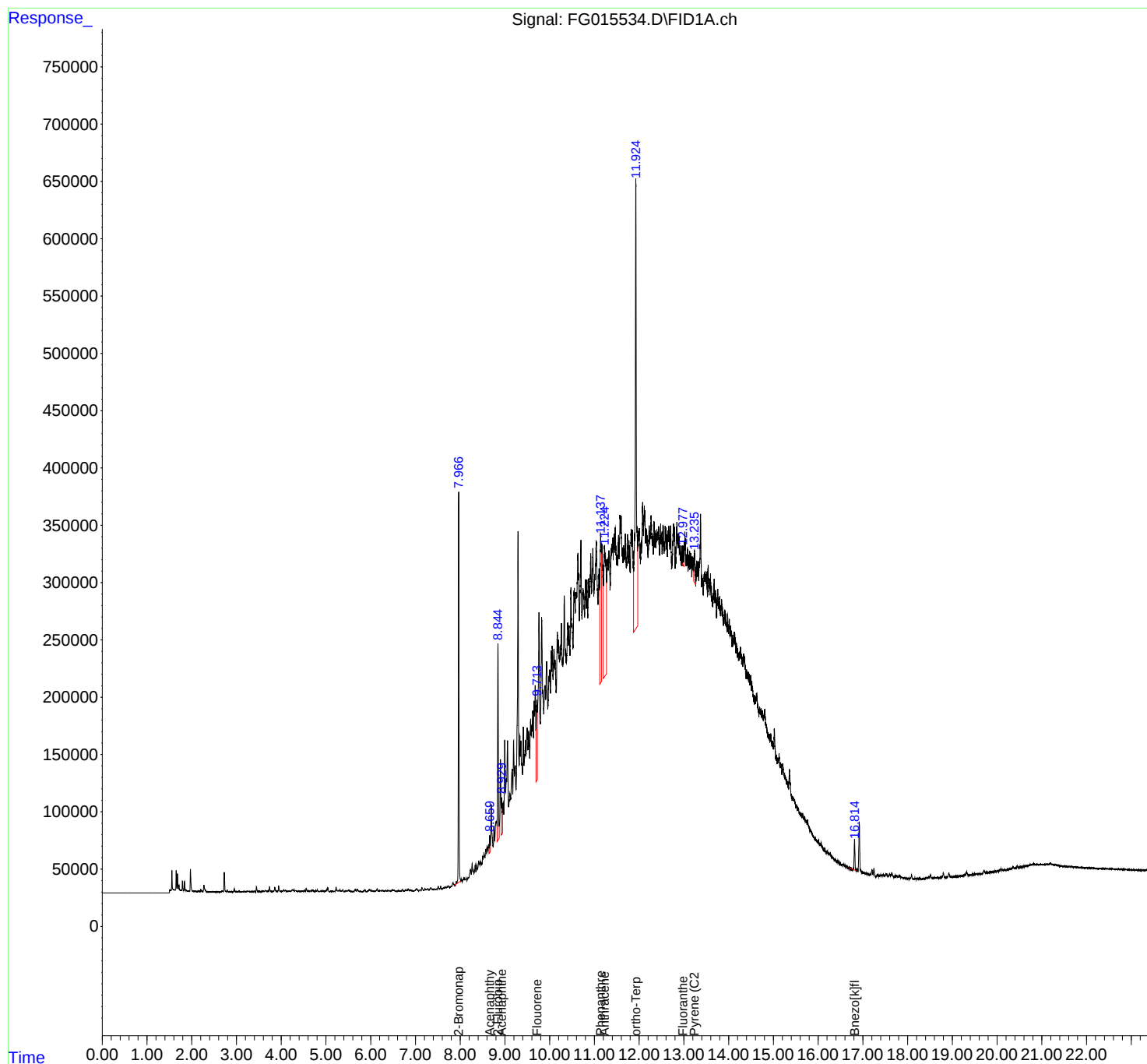
(m)=manual int.

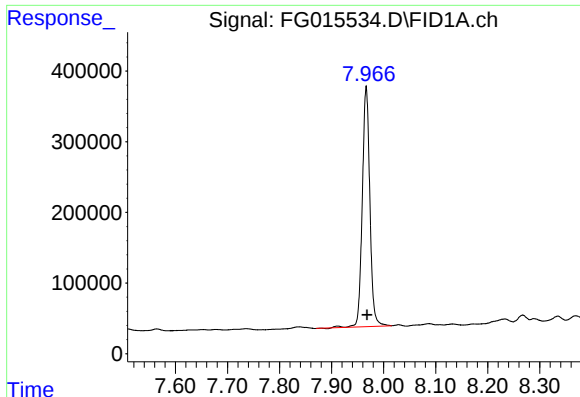
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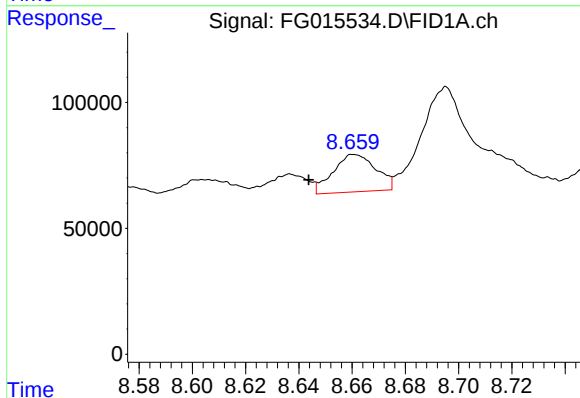




#4 2-Bromonaphthalene (SURR)

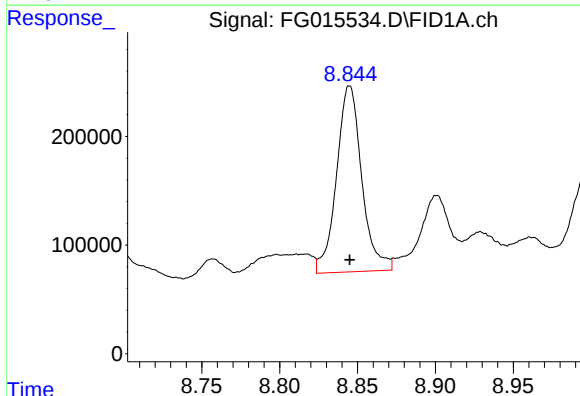
R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 3432363
Conc: 28.10 ug/ml

Instrument :
FID_G
ClientSampleId :
N48965DL



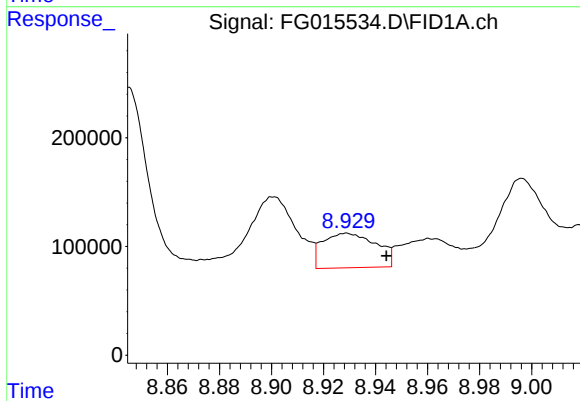
#5 Acenaphthylene (C15.06)

R.T.: 8.661 min
Delta R.T.: 0.018 min
Response: 165344
Conc: 1.17 ug/ml



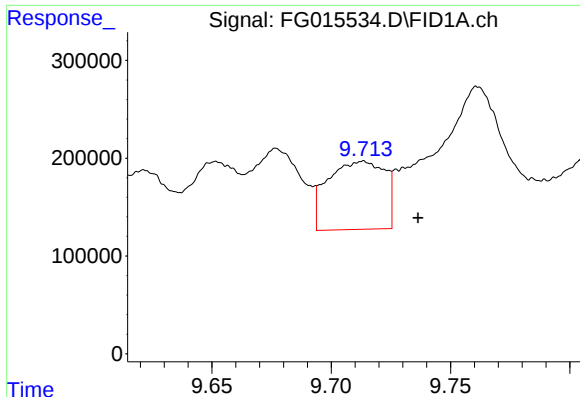
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1932597
Conc: 23.38 ug/ml



#7 Acenaphthene (C15.5)

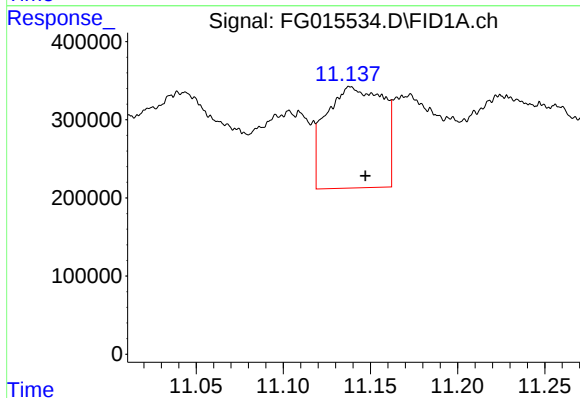
R.T.: 8.929 min
Delta R.T.: -0.015 min
Response: 453255
Conc: 3.32 ug/ml



#8 Flouorene (C16.55)

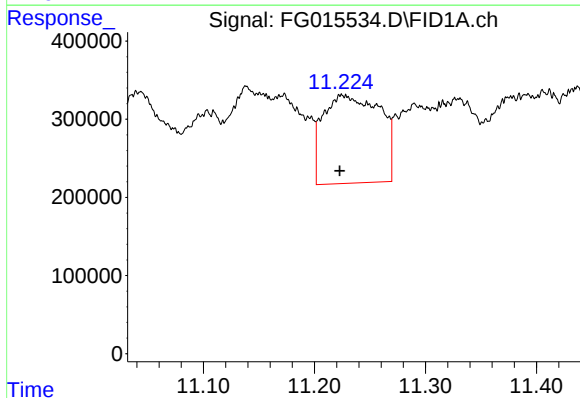
R.T.: 9.713 min
Delta R.T.: -0.023 min
Response: 1156184
Conc: 8.28 ug/ml

Instrument :
FID_G
ClientSampleId :
N48965DL



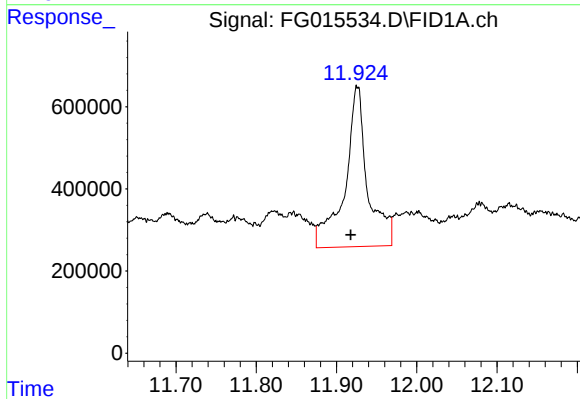
#9 Phenanthrene (C19.36)

R.T.: 11.139 min
Delta R.T.: -0.008 min
Response: 2949794
Conc: 20.94 ug/ml



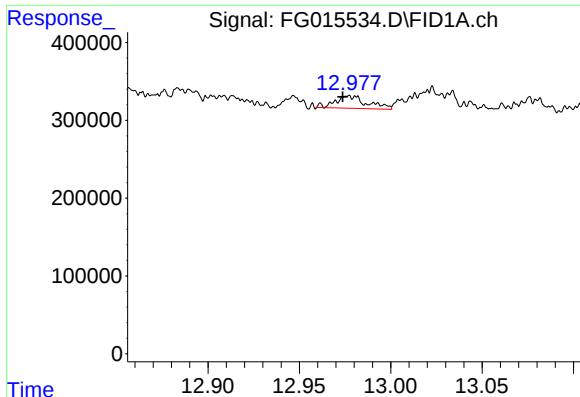
#10 Anthracene (C19.43)

R.T.: 11.226 min
Delta R.T.: 0.003 min
Response: 4019187
Conc: 29.37 ug/ml



#11 ortho-Terphenyl (SURR)

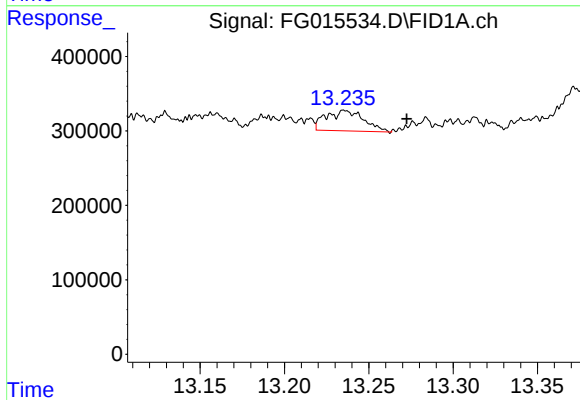
R.T.: 11.926 min
Delta R.T.: 0.008 min
Response: 7715740
Conc: 52.91 ug/ml



#12 Fluoranthene (C21.85)

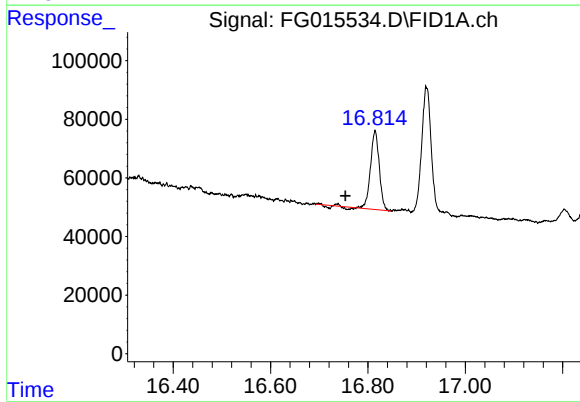
R.T.: 12.978 min
Delta R.T.: 0.004 min
Response: 194461
Conc: 1.36 ug/ml

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#13 Pyrene (C20.8)

R.T.: 13.237 min
Delta R.T.: -0.036 min
Response: 429880
Conc: 3.06 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.815 min
Delta R.T.: 0.061 min
Response: 327716
Conc: 2.40 ug/ml