

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015520.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 15:56
 Operator : YP\AJ
 Sample : Q1574-01DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 21 01:00:52 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...	7.970	664800	5.442 ug/ml
Spiked Amount 50.000		Recovery =	10.88%
6) S 2-Fluorobiphenyl (SURR)	8.850	367143	4.442 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.88%
11) S ortho-Terphenyl (SURR)	11.921	476543	3.268 ug/ml
Spiked Amount 50.000		Recovery =	6.54%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.579f	160187	1.131 ug/ml
12) T Fluoranthene (C21.85)	12.980	184953	1.297 ug/ml
13) T Pyrene (C20.8)	13.278	130358	0.929 ug/ml
14) T Benzo[a]anthracene (C...	15.157	422747	3.117 ug/ml
15) T Chrysene (C27.41)	15.215	1532151	10.945 ug/ml
16) T benzo[b]fluoranthene ...	16.655f	67639	0.512 ug/ml
17) T Bnezo[k]fluoranthene ...	16.800	783770	5.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.162f	30956269	246.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	535032	4.809 ug/ml
20) T Dibenz[a,h]anthracene...	18.458	535032	4.158 ug/ml
21) T Benzo[g,h,i]perylene ...	18.791	797755	6.676 ug/ml

(f)=RT Delta > 1/2 Window

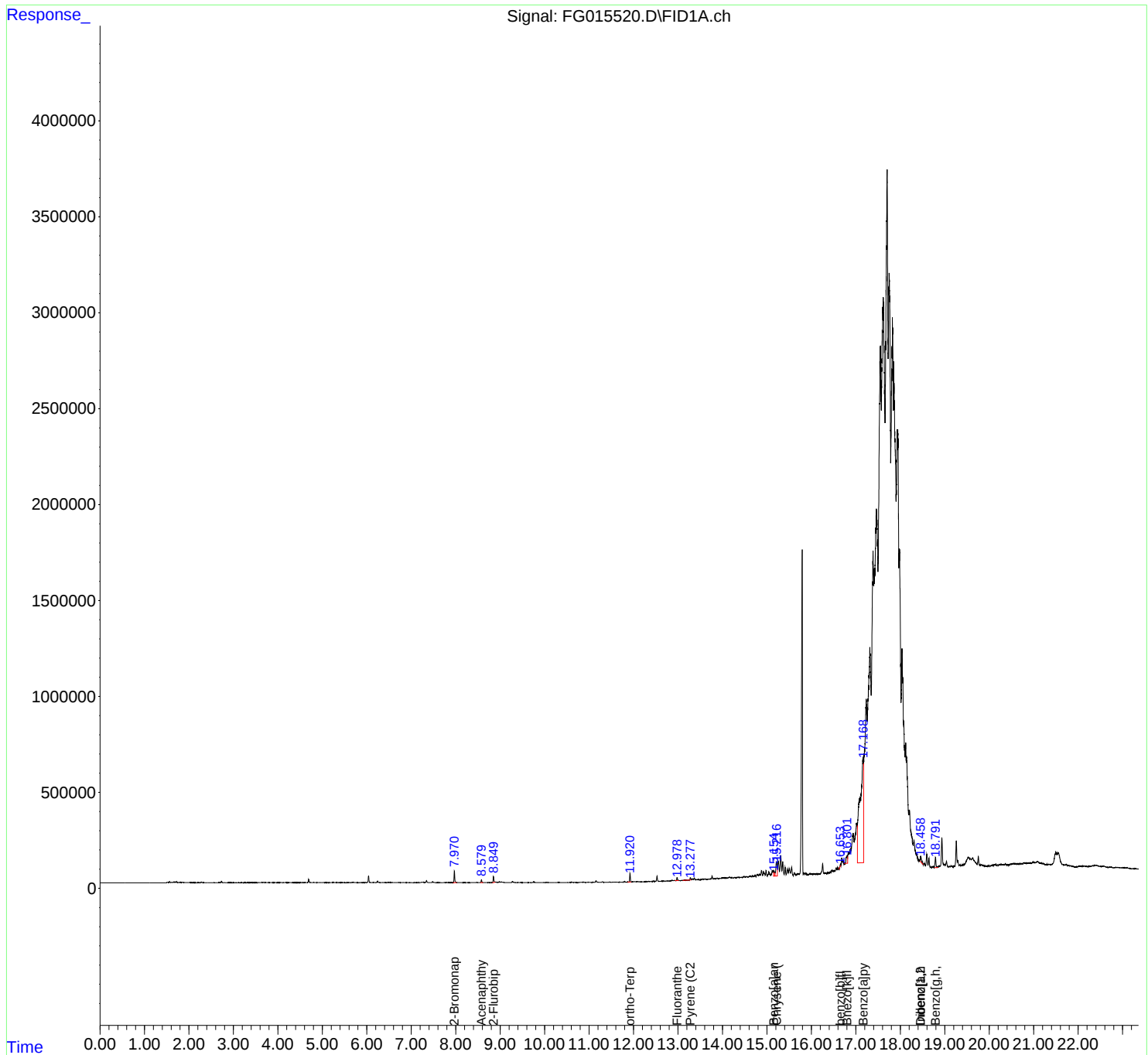
(m)=manual int.

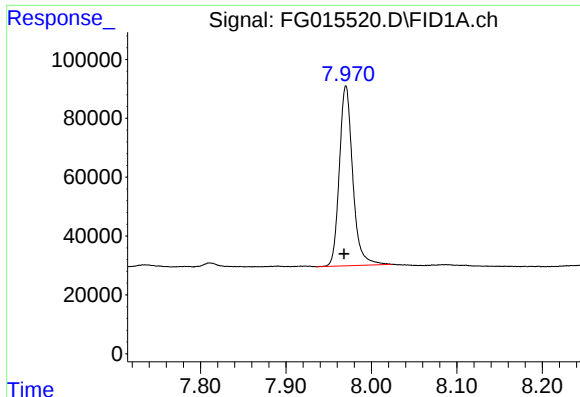
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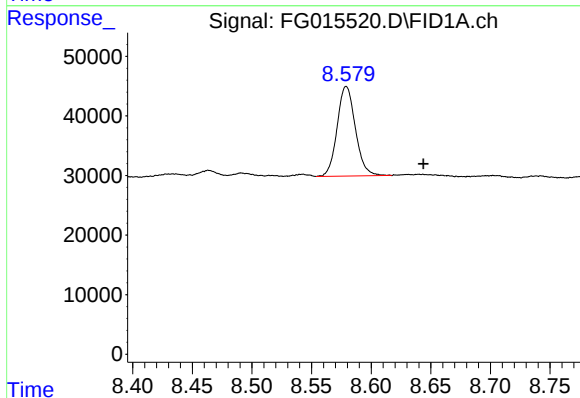




#4 2-Bromonaphthalene (SURR)

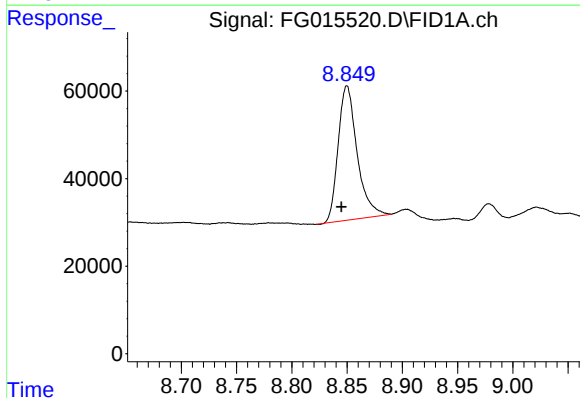
R.T.: 7.970 min
Delta R.T.: 0.002 min
Response: 664800
Conc: 5.44 ug/ml

Instrument :
FID_G
ClientSampleId :



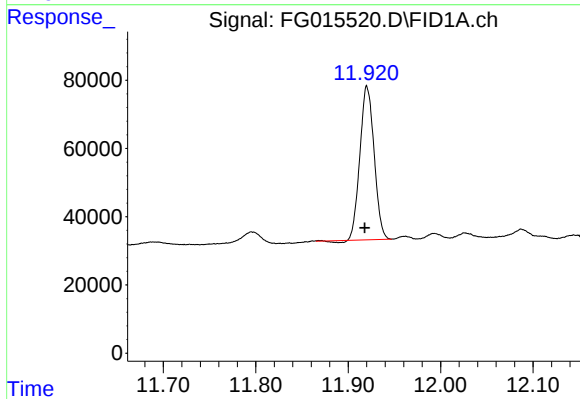
#5 Acenaphthylene (C15.06)

R.T.: 8.579 min
Delta R.T.: -0.065 min
Response: 160187
Conc: 1.13 ug/ml



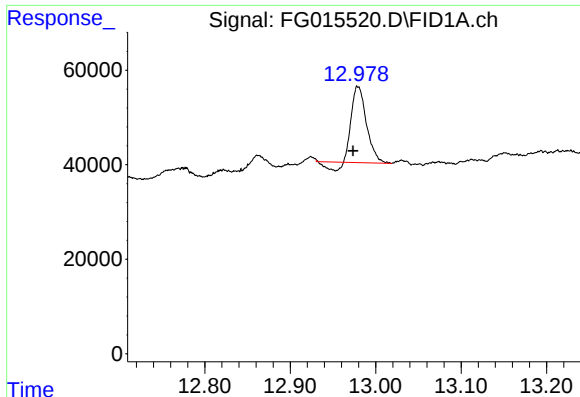
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.850 min
Delta R.T.: 0.005 min
Response: 367143
Conc: 4.44 ug/ml



#11 ortho-Terphenyl (SURR)

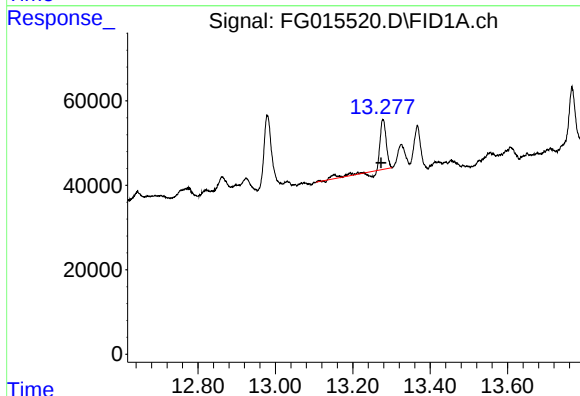
R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 476543
Conc: 3.27 ug/ml



#12 Fluoranthene (C21.85)

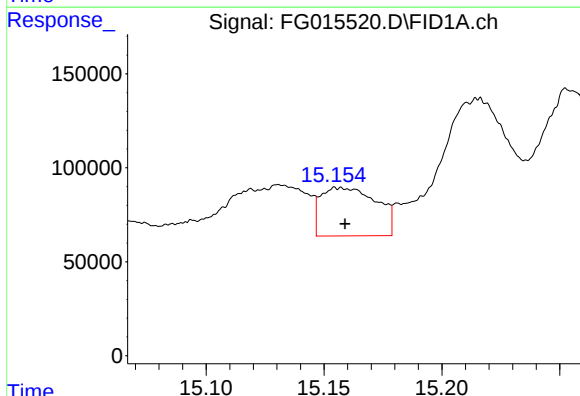
R.T.: 12.980 min
Delta R.T.: 0.006 min
Response: 184953
Conc: 1.30 ug/ml

Instrument :
FID_G
ClientSampleId :



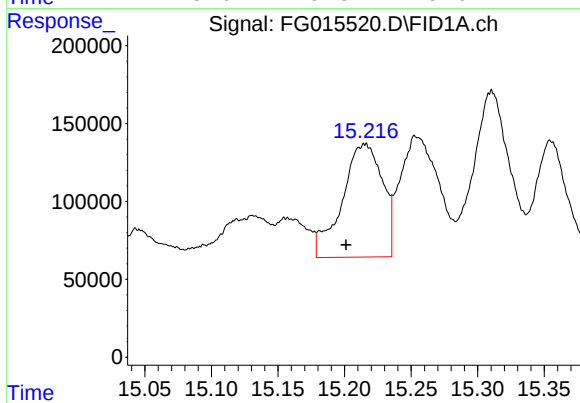
#13 Pyrene (C20.8)

R.T.: 13.278 min
Delta R.T.: 0.006 min
Response: 130358
Conc: 0.93 ug/ml



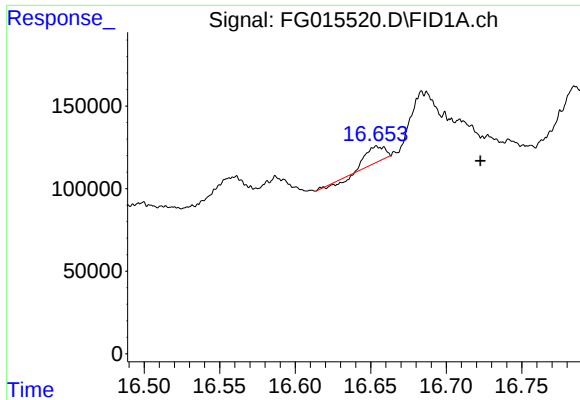
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min
Delta R.T.: -0.001 min
Response: 422747
Conc: 3.12 ug/ml



#15 Chrysene (C27.41)

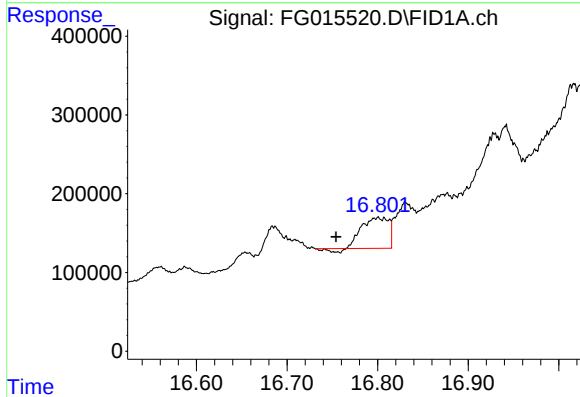
R.T.: 15.215 min
Delta R.T.: 0.014 min
Response: 1532151
Conc: 10.94 ug/ml



#16 benzo[b]fluoranthene (C30.41)

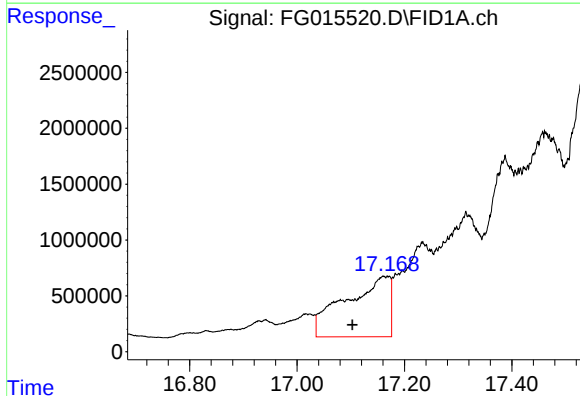
R.T.: 16.655 min
Delta R.T.: -0.068 min
Response: 67639
Conc: 0.51 ug/ml

Instrument :
FID_G
ClientSampleId :



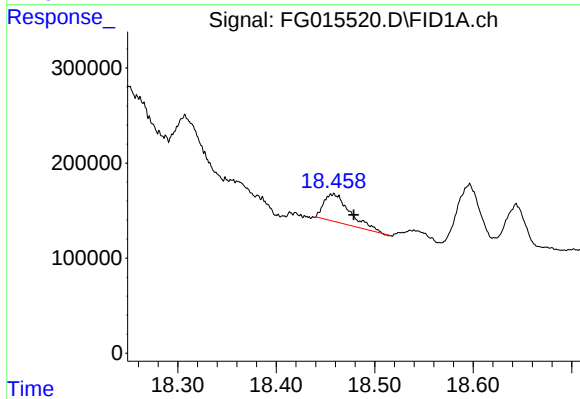
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.800 min
Delta R.T.: 0.046 min
Response: 783770
Conc: 5.74 ug/ml



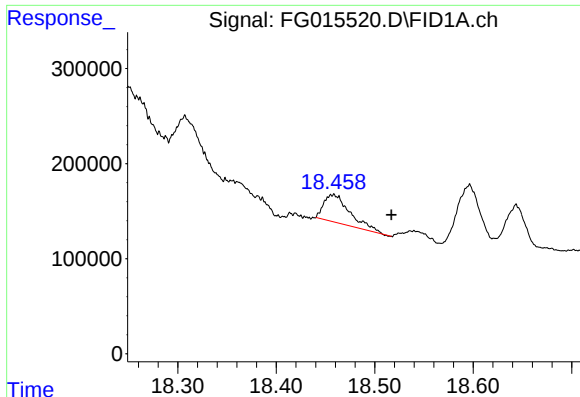
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.162 min
Delta R.T.: 0.059 min
Response: 30956269
Conc: 246.86 ug/ml



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

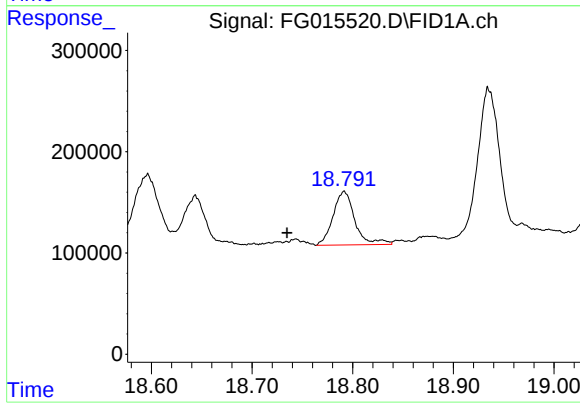
R.T.: 18.458 min
Delta R.T.: -0.021 min
Response: 535032
Conc: 4.81 ug/ml



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

R.T.: 18.458 min
Delta R.T.: -0.059 min
Response: 535032
Conc: 4.16 ug/ml

Instrument :
FID_G
ClientSampleId :



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

R.T.: 18.791 min
Delta R.T.: 0.057 min
Response: 797755
Conc: 6.68 ug/ml