

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015639.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 21:41
 Operator : YP\AJ
 Sample : Q1488-09
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 11 03:26:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.997	5743878	49.340 ug/ml
Spiked Amount 50.000		Recovery =	98.68%
6) S 2-Fluorobiphenyl (SURR)	8.875	3641411	51.121 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.24%
11) S ortho-Terphenyl (SURR)	11.935	6986134	47.491 ug/ml
Spiked Amount 50.000		Recovery =	94.98%
Target Compounds			
9) T Phenanthrene (C19.36)	11.200	100475	0.772 ug/ml
10) T Anthracene (C19.43)	11.200	100475	0.802 ug/ml
12) T Fluoranthene (C21.85)	13.008	282268	1.999 ug/ml
13) T Pyrene (C20.8)	13.305	197972	1.377 ug/ml
14) T Benzo[a]anthracene (C...	15.200	118506	1.009 ug/ml
15) T Chrysene (C27.41)	15.235	284913	1.908 ug/ml
16) T benzo[b]fluoranthene ...	16.754	315139	2.420 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	315139	2.112 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.149	66313	0.523 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	40641	0.397 ug/ml
20) T Dibenz[a,h]anthracene...	18.524	40641	0.314 ug/ml
21) T Benzo[g,h,i]perylene ...	18.771	193037	1.551 ug/ml

(f)=RT Delta > 1/2 Window

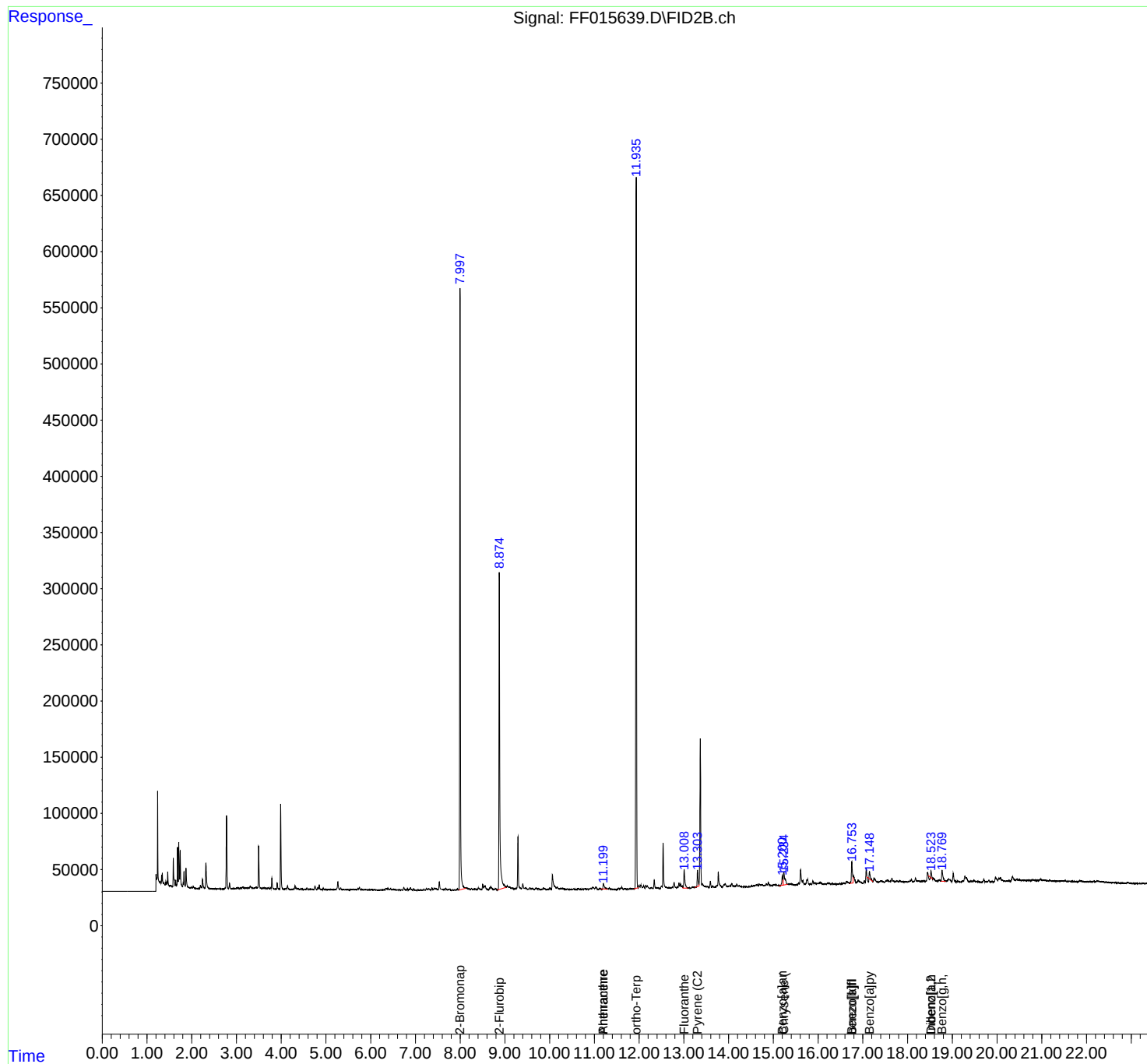
(m)=manual int.

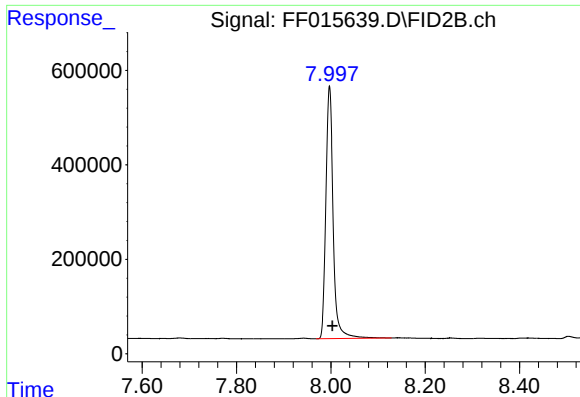
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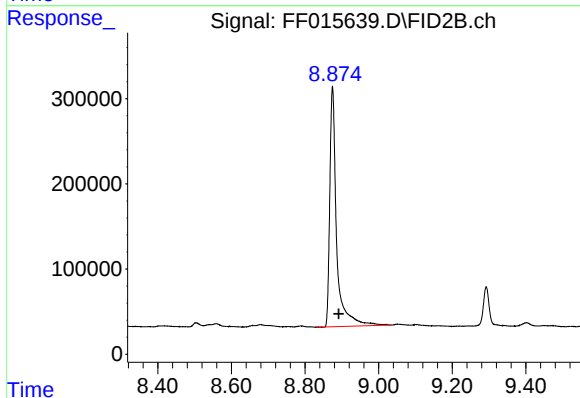




#4 2-Bromonaphthalene (SURRE)

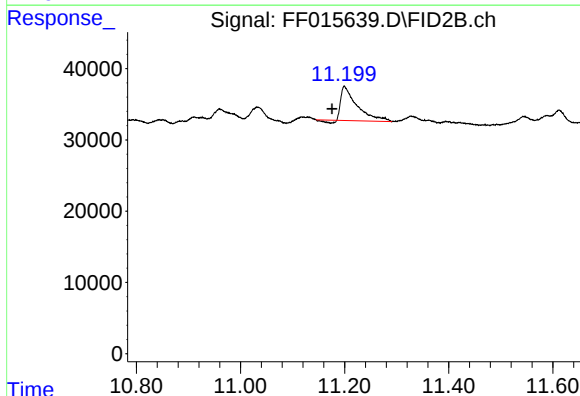
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 5743878
Conc: 49.34 ug/ml

Instrument :
FID_F
ClientSampleId :



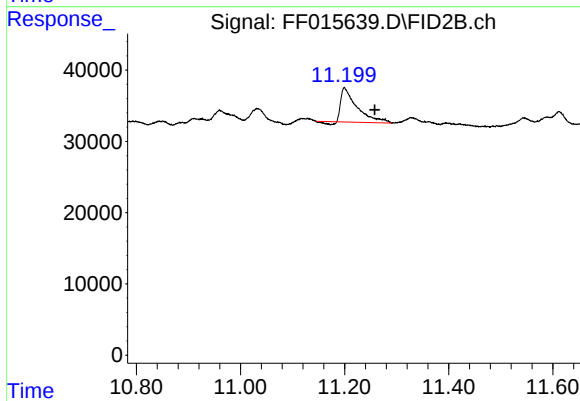
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 3641411
Conc: 51.12 ug/ml



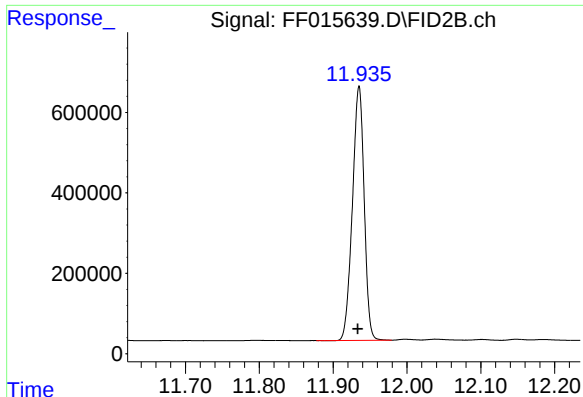
#9 Phenanthrene (C19.36)

R.T.: 11.200 min
Delta R.T.: 0.024 min
Response: 100475
Conc: 0.77 ug/ml



#10 Anthracene (C19.43)

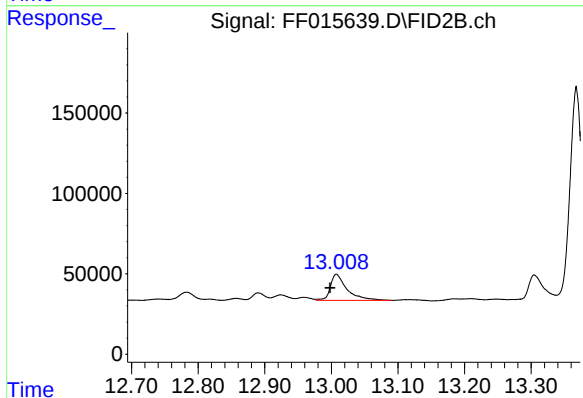
R.T.: 11.200 min
Delta R.T.: -0.058 min
Response: 100475
Conc: 0.80 ug/ml



#11 ortho-Terphenyl (SURR)

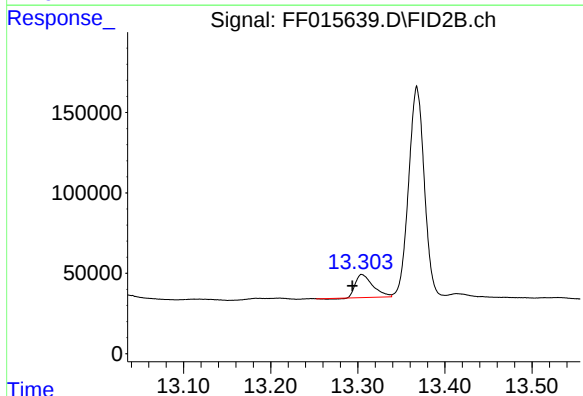
R.T.: 11.935 min
Delta R.T.: 0.002 min
Response: 6986134
Conc: 47.49 ug/ml

Instrument :
FID_F
ClientSampleId :



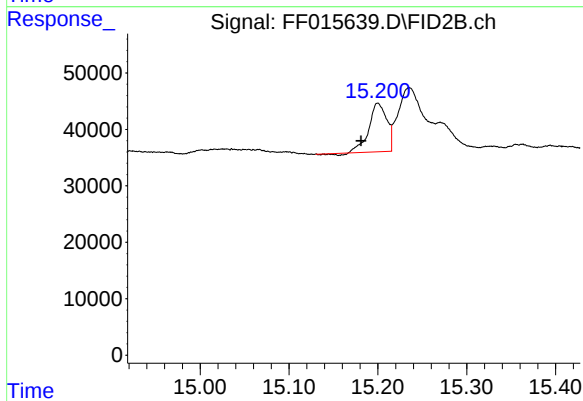
#12 Fluoranthene (C21.85)

R.T.: 13.008 min
Delta R.T.: 0.010 min
Response: 282268
Conc: 2.00 ug/ml



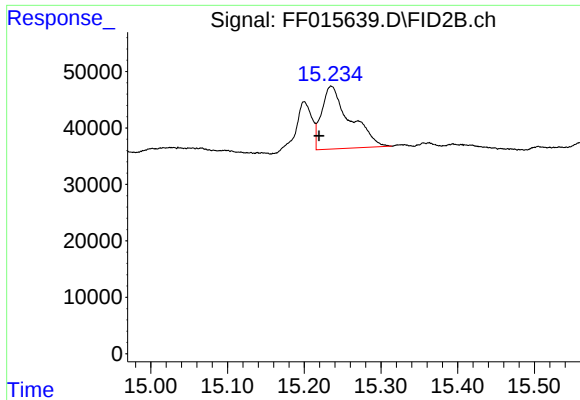
#13 Pyrene (C20.8)

R.T.: 13.305 min
Delta R.T.: 0.011 min
Response: 197972
Conc: 1.38 ug/ml



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

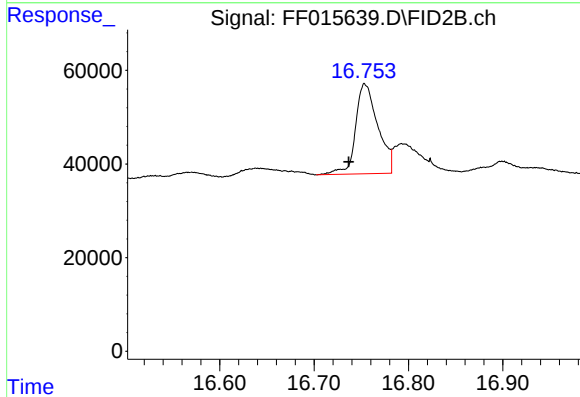
R.T.: 15.200 min
Delta R.T.: 0.019 min
Response: 118506
Conc: 1.01 ug/ml



#15 Chrysene (C27.41)

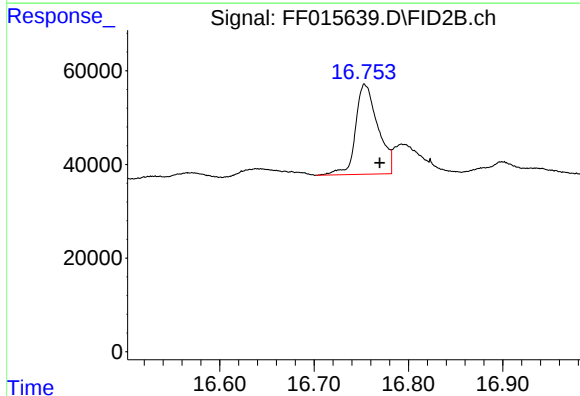
R.T.: 15.235 min
Delta R.T.: 0.016 min
Response: 284913
Conc: 1.91 ug/ml

Instrument :
FID_F
ClientSampleId :



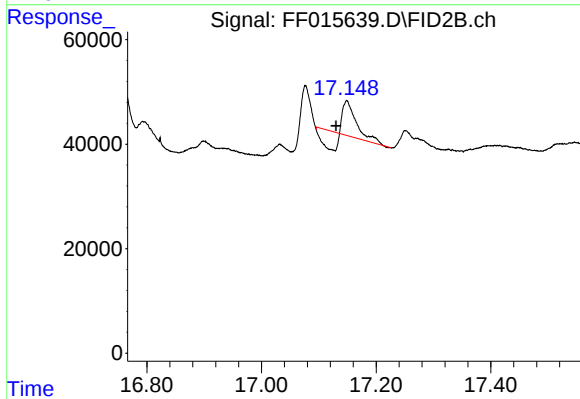
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.754 min
Delta R.T.: 0.017 min
Response: 315139
Conc: 2.42 ug/ml



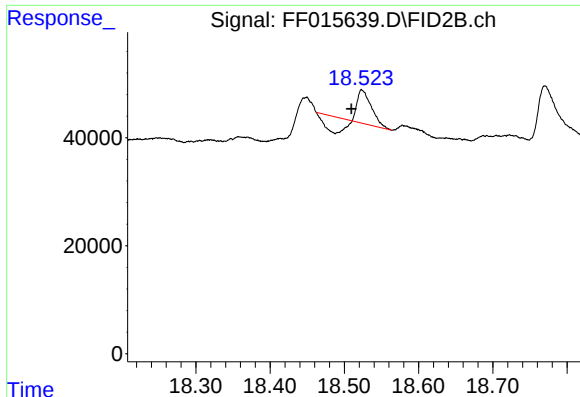
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.754 min
Delta R.T.: -0.015 min
Response: 315139
Conc: 2.11 ug/ml



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

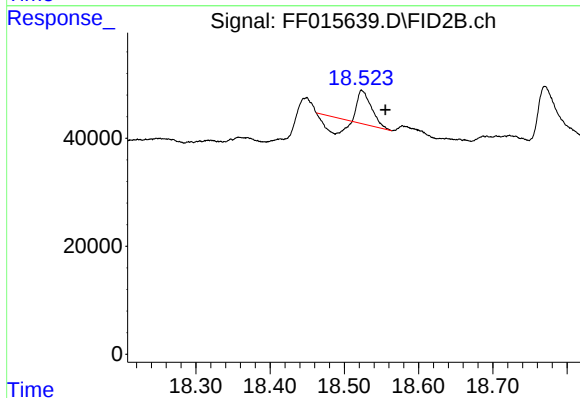
R.T.: 17.149 min
Delta R.T.: 0.019 min
Response: 66313
Conc: 0.52 ug/ml



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

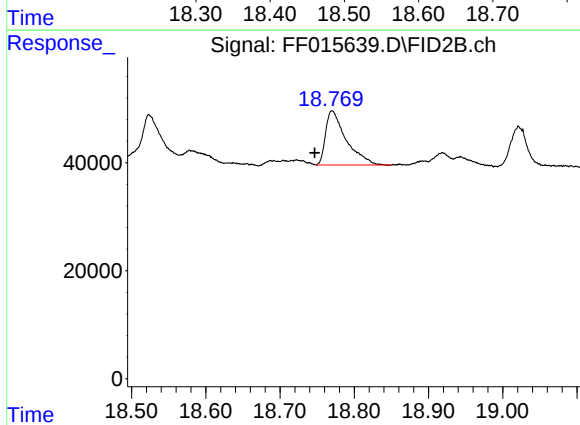
R.T.: 18.524 min
Delta R.T.: 0.015 min
Response: 40641
Conc: 0.40 ug/ml

Instrument :
FID_F
ClientSampleId :



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

R.T.: 18.524 min
Delta R.T.: -0.031 min
Response: 40641
Conc: 0.31 ug/ml



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

R.T.: 18.771 min
Delta R.T.: 0.024 min
Response: 193037
Conc: 1.55 ug/ml