

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040825AR\
 Data File : FD049249.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 20:34
 Operator : YP/AJ
 Sample : Q1746-01D
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 02:37:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.751	4182584	28.235 ug/ml
Spiked Amount 50.000		Recovery =	56.47%
6) S 2-Fluorobiphenyl (SURR)	8.616	2540382	24.905 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.81%
11) S ortho-Terphenyl (SURR)	11.658	4326031	24.554 ug/ml
Spiked Amount 50.000		Recovery =	49.11%
Target Compounds			
3) T 2-Methylnaphthalene (...)	7.137	48154	0.298 ug/ml
9) T Phenanthrene (C19.36)	10.890	93272	0.544 ug/ml
12) T Fluoranthene (C21.85)	12.701	247438	1.464 ug/ml
13) T Pyrene (C20.8)	12.999	196915	1.174 ug/ml
14) T Benzo[a]anthracene (C...	14.867	118920	0.827 ug/ml
15) T Chrysene (C27.41)	14.908	150570	1.043 ug/ml
16) T benzo[b]fluoranthene ...	16.418	180253	1.296 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	51504	0.377 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	110548	0.850 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	188964	1.533 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	134684	1.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.407	83838	0.642 ug/ml

(f)=RT Delta > 1/2 Window

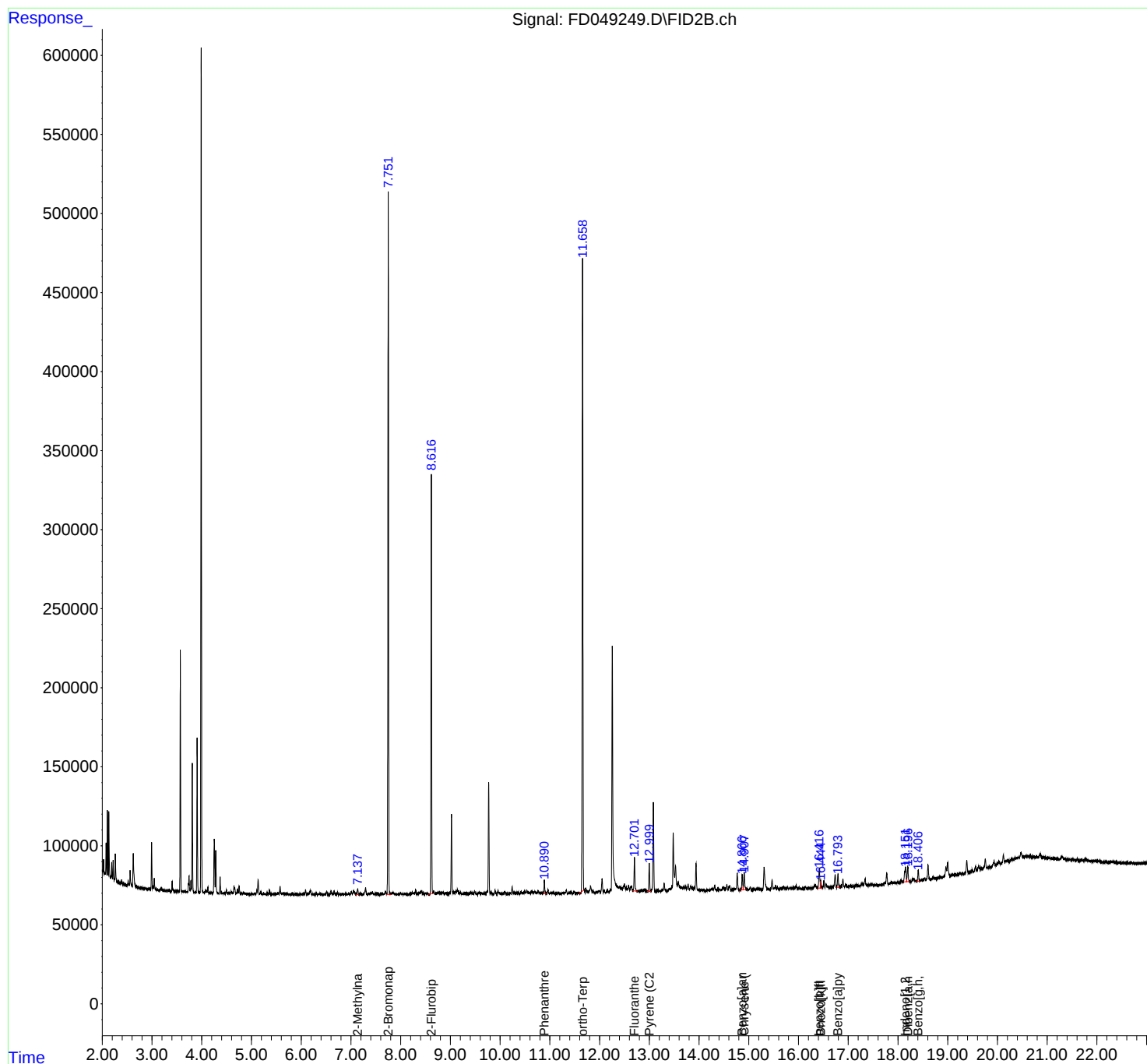
(m)=manual int.

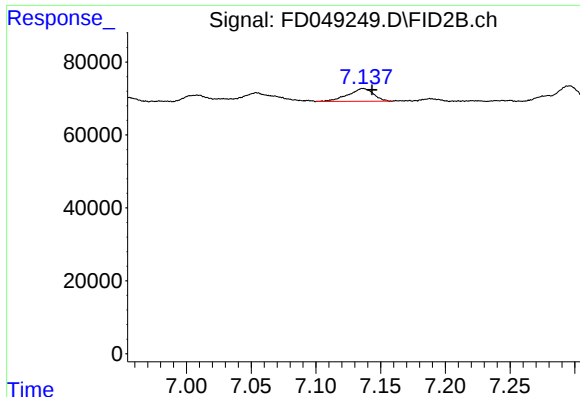
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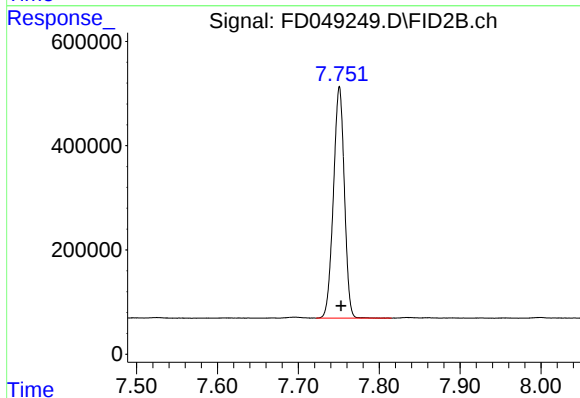




#3 2-Methylnaphthalene (C12.89)

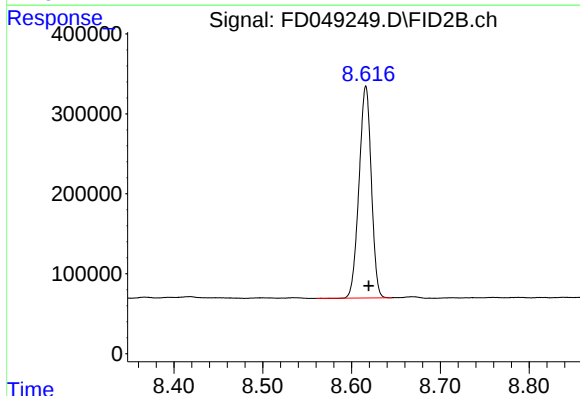
R.T.: 7.137 min
Delta R.T.: -0.007 min
Response: 48154
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



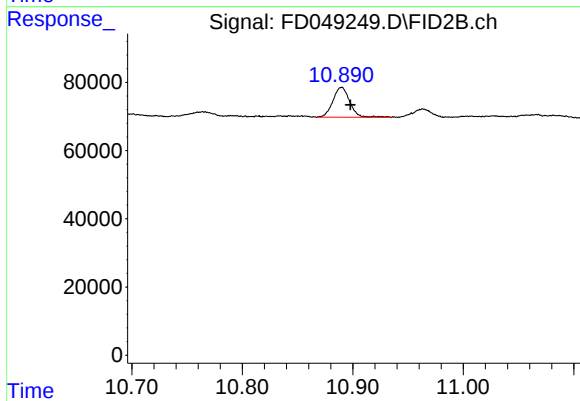
#4 2-Bromonaphthalene (SURR)

R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 4182584
Conc: 28.24 ug/ml



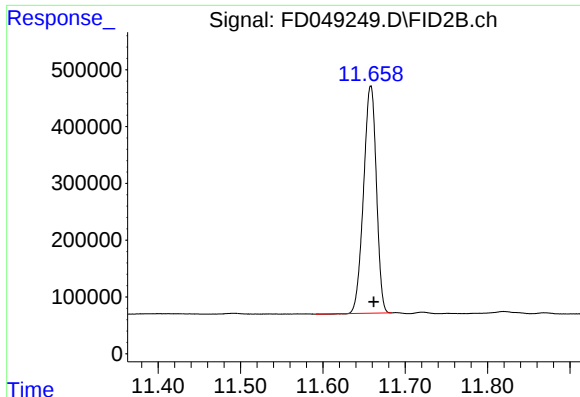
#6 2-Flurobiphenyl (SURR)

R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 2540382
Conc: 24.91 ug/ml



#9 Phenanthrene (C19.36)

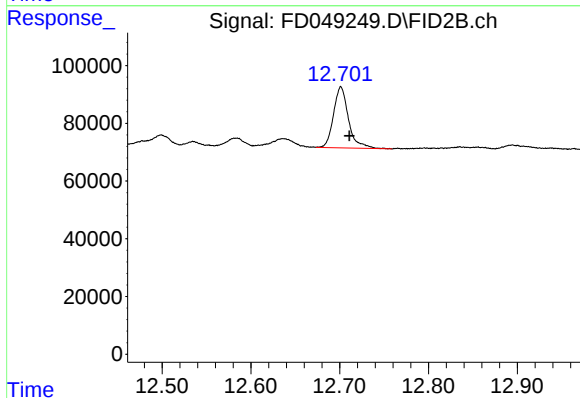
R.T.: 10.890 min
Delta R.T.: -0.008 min
Response: 93272
Conc: 0.54 ug/ml



#11 ortho-Terphenyl (SURR)

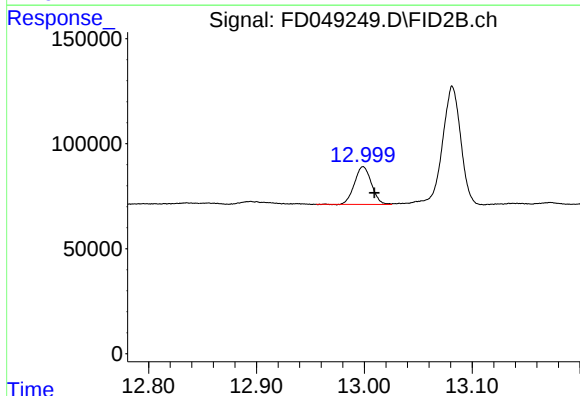
R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 4326031
Conc: 24.55 ug/ml

Instrument :
FID_D
ClientSampleId :



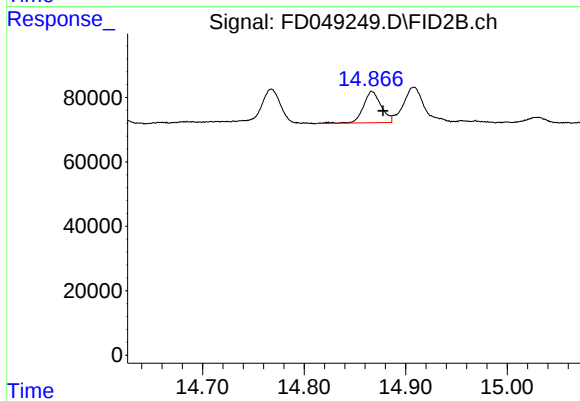
#12 Fluoranthene (C21.85)

R.T.: 12.701 min
Delta R.T.: -0.009 min
Response: 247438
Conc: 1.46 ug/ml



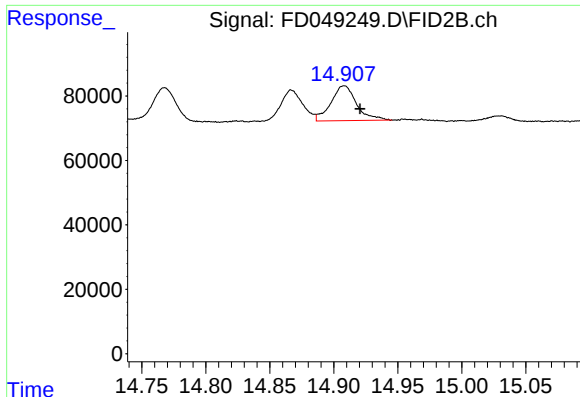
#13 Pyrene (C20.8)

R.T.: 12.999 min
Delta R.T.: -0.010 min
Response: 196915
Conc: 1.17 ug/ml



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

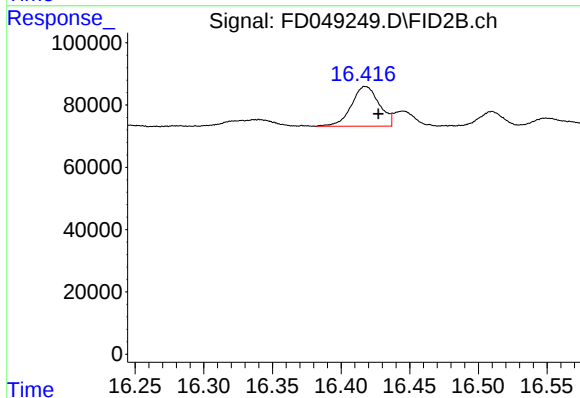
R.T.: 14.867 min
Delta R.T.: -0.011 min
Response: 118920
Conc: 0.83 ug/ml



#15 Chrysene (C27.41)

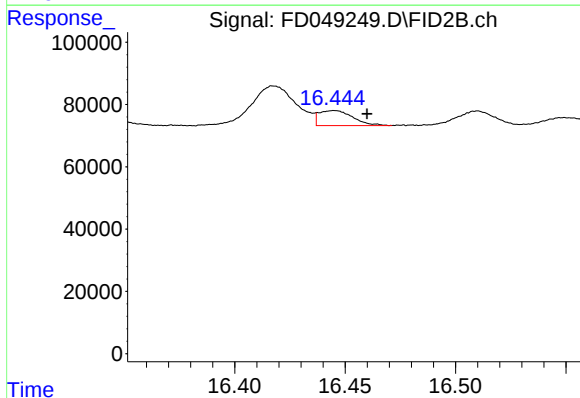
R.T.: 14.908 min
Delta R.T.: -0.013 min
Response: 150570
Conc: 1.04 ug/ml

Instrument :
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ClientSampleId :



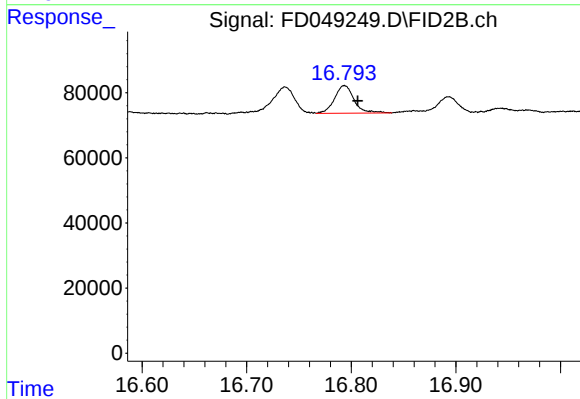
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.418 min
Delta R.T.: -0.010 min
Response: 180253
Conc: 1.30 ug/ml



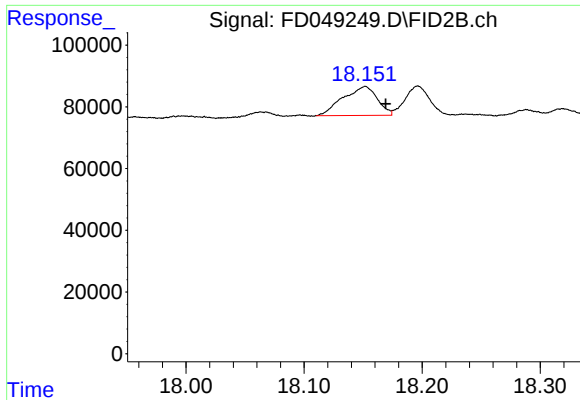
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.445 min
Delta R.T.: -0.015 min
Response: 51504
Conc: 0.38 ug/ml



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

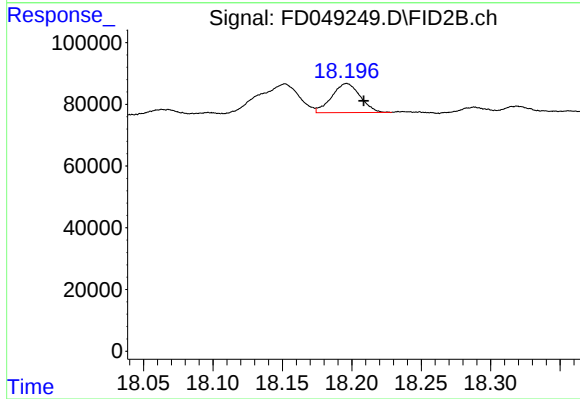
R.T.: 16.794 min
Delta R.T.: -0.013 min
Response: 110548
Conc: 0.85 ug/ml



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

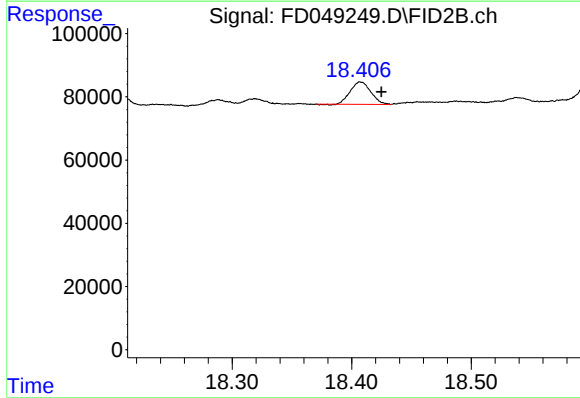
R.T.: 18.152 min
Delta R.T.: -0.017 min
Response: 188964
Conc: 1.53 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.196 min
Delta R.T.: -0.012 min
Response: 134684
Conc: 1.07 ug/ml



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

R.T.: 18.407 min
Delta R.T.: -0.018 min
Response: 83838
Conc: 0.64 ug/ml