

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049275.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 18:31
 Operator : YP/AJ
 Sample : Q1746-01D
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 01:04:43 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...	7.749	5513501	37.220 ug/ml
Spiked Amount 50.000		Recovery =	74.44%
6) S 2-Fluorobiphenyl (SURR)	8.614	3243941	31.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	63.60%
11) S ortho-Terphenyl (SURR)	11.657	5578751	31.664 ug/ml
Spiked Amount 50.000		Recovery =	63.33%
Target Compounds			
2) T Naphthalene (C11.7)	6.086	40176	0.245 ug/ml
3) T 2-Methylnaphthalene (...)	7.136	55813	0.345 ug/ml
9) T Phenanthrene (C19.36)	10.888	124966	0.728 ug/ml
12) T Fluoranthene (C21.85)	12.699	327011	1.935 ug/ml
13) T Pyrene (C20.8)	12.996	255485	1.523 ug/ml
14) T Benzo[a]anthracene (C...	14.864	145777	1.014 ug/ml
15) T Chrysene (C27.41)	14.905	188578	1.307 ug/ml
16) T benzo[b]fluoranthene ...	16.414	223802	1.609 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	66523	0.486 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	141077	1.085 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	214067	1.736 ug/ml
20) T Dibenz[a,h]anthracene...	18.195	63550	0.503 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	104053	0.797 ug/ml

(f)=RT Delta > 1/2 Window

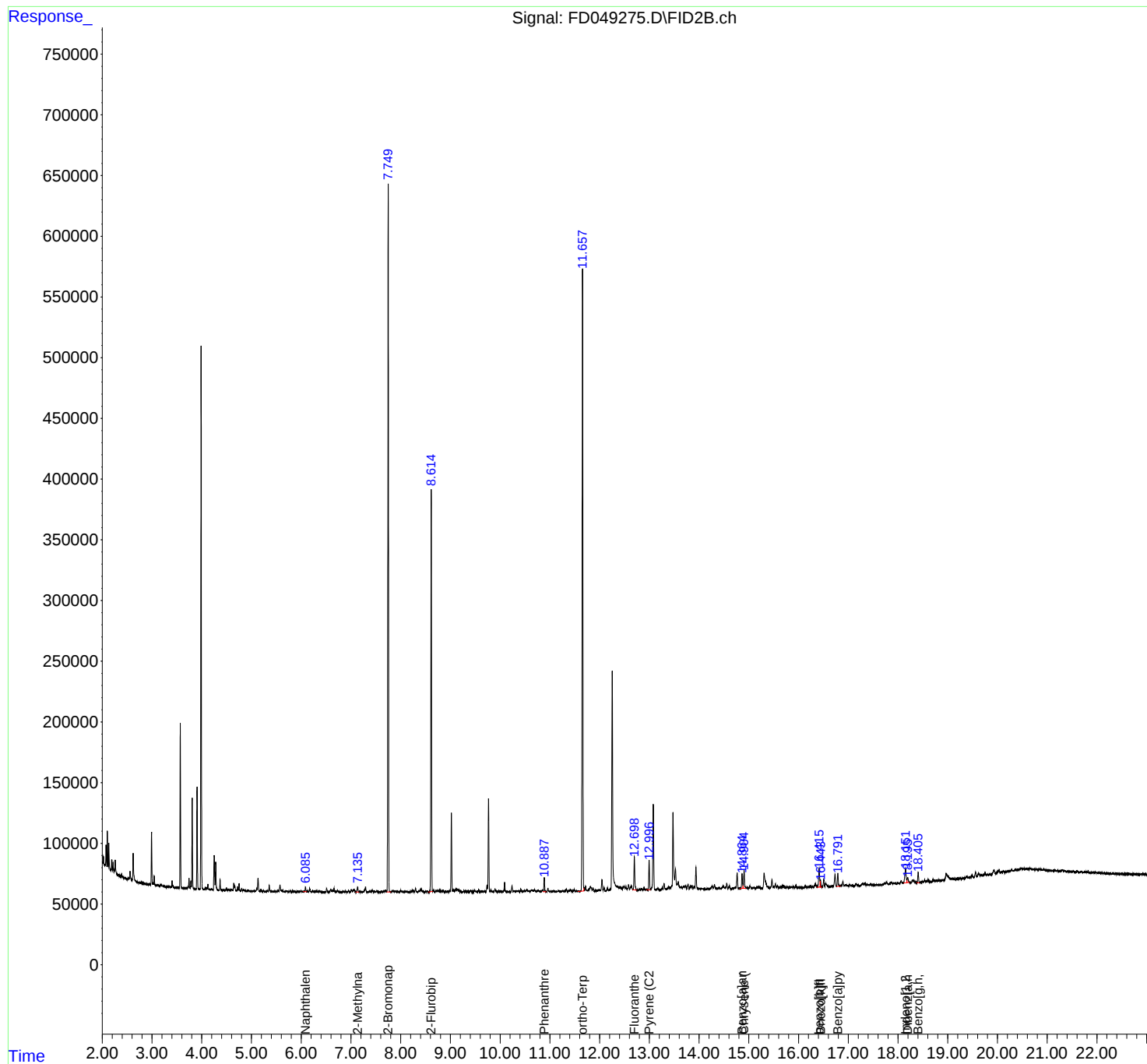
(m)=manual int.

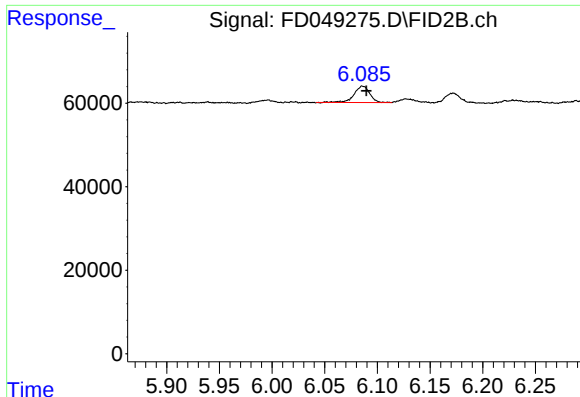
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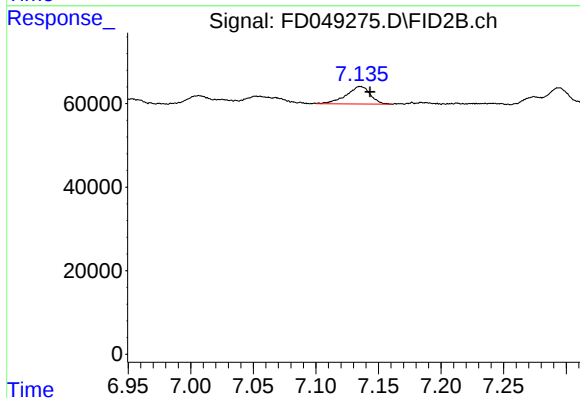




#2 Naphthalene (C11.7)

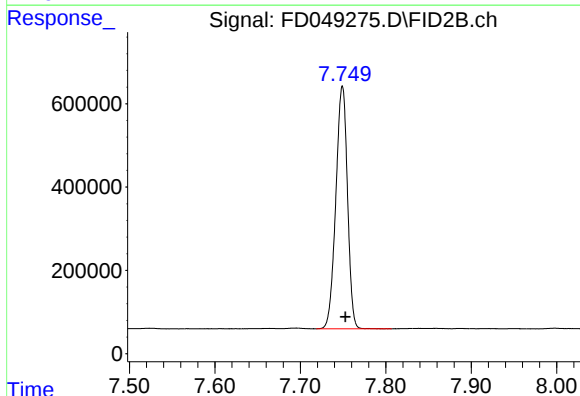
R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 40176
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



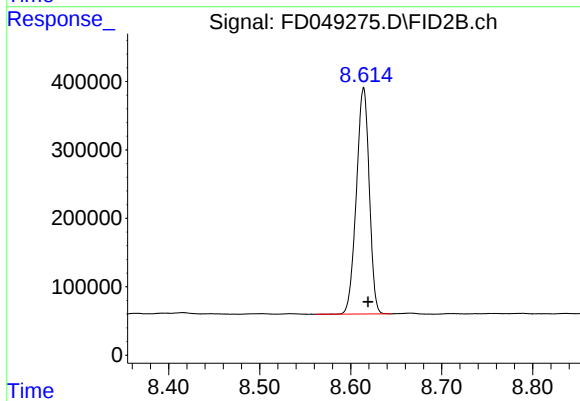
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.008 min
Response: 55813
Conc: 0.35 ug/ml



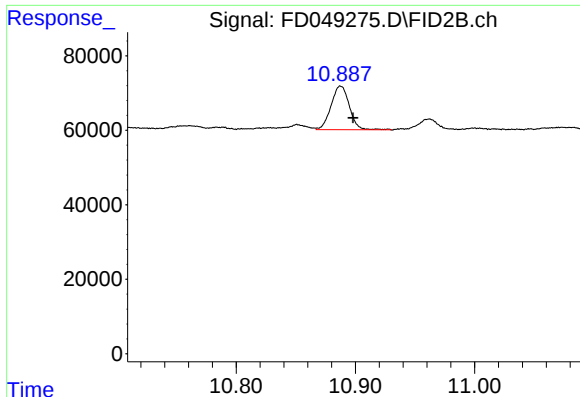
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 5513501
Conc: 37.22 ug/ml



#6 2-Fluorobiphenyl (SURR)

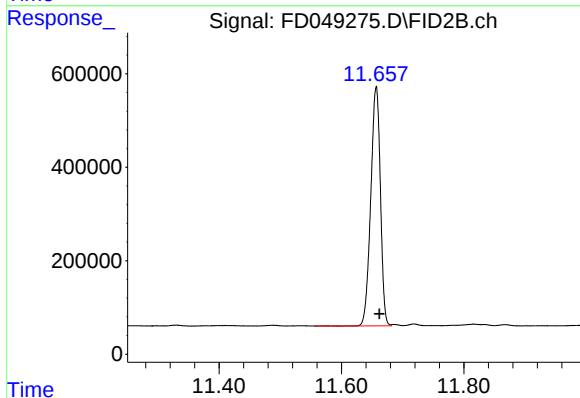
R.T.: 8.614 min
Delta R.T.: -0.005 min
Response: 3243941
Conc: 31.80 ug/ml



#9 Phenanthrene (C19.36)

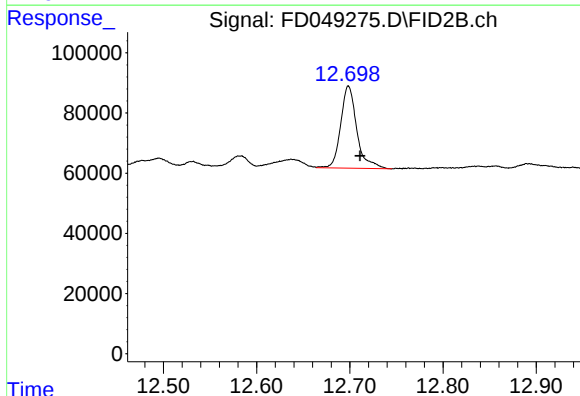
R.T.: 10.888 min
Delta R.T.: -0.010 min
Response: 124966
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



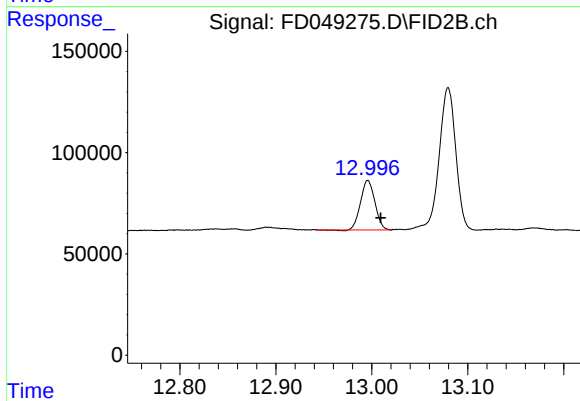
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 5578751
Conc: 31.66 ug/ml



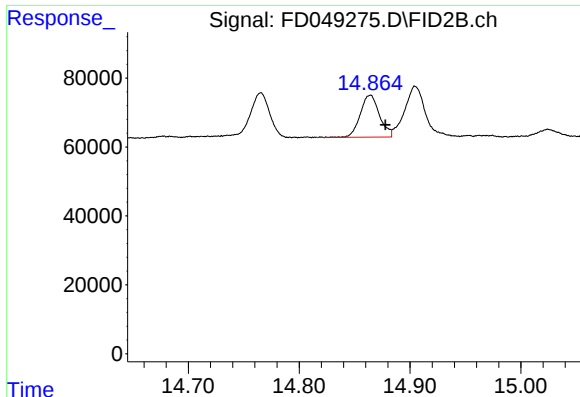
#12 Fluoranthene (C21.85)

R.T.: 12.699 min
Delta R.T.: -0.012 min
Response: 327011
Conc: 1.93 ug/ml



#13 Pyrene (C20.8)

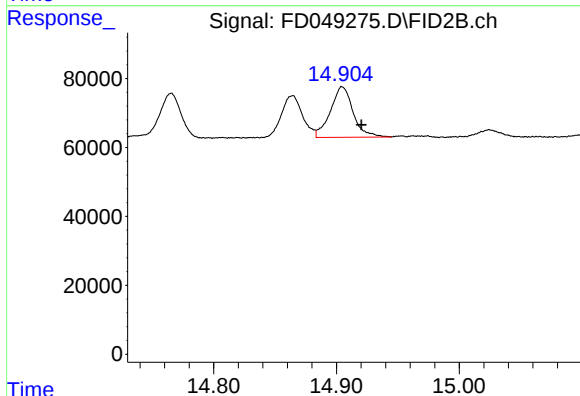
R.T.: 12.996 min
Delta R.T.: -0.013 min
Response: 255485
Conc: 1.52 ug/ml



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

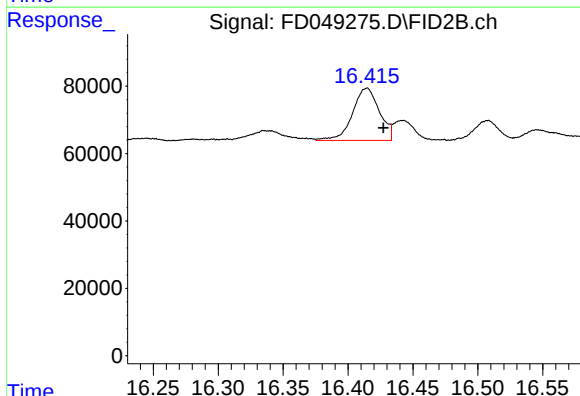
R.T.: 14.864 min
Delta R.T.: -0.014 min
Response: 145777
Conc: 1.01 ug/ml

Instrument :
FID_D
ClientSampleId :



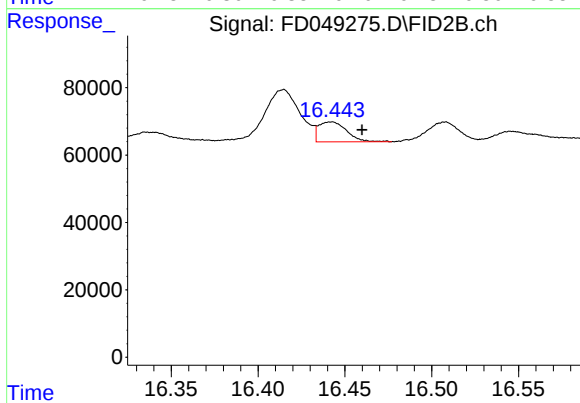
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: -0.016 min
Response: 188578
Conc: 1.31 ug/ml



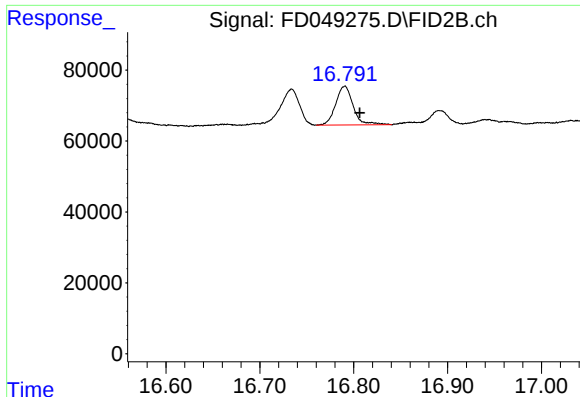
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.414 min
Delta R.T.: -0.013 min
Response: 223802
Conc: 1.61 ug/ml



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

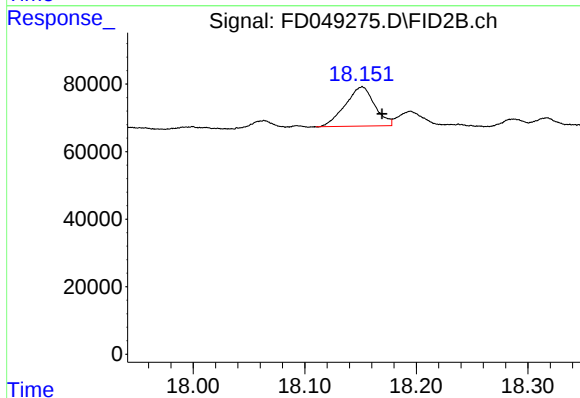
R.T.: 16.442 min
Delta R.T.: -0.018 min
Response: 66523
Conc: 0.49 ug/ml



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

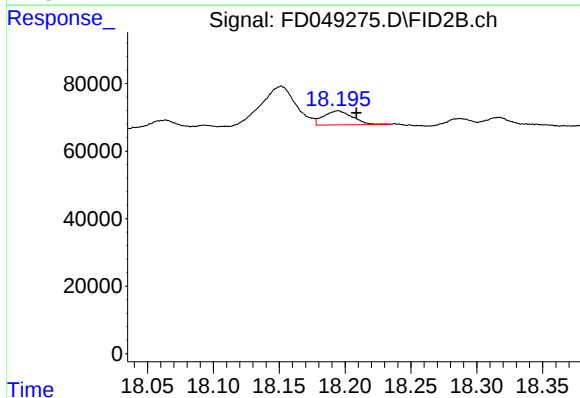
R.T.: 16.790 min
Delta R.T.: -0.016 min
Response: 141077
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



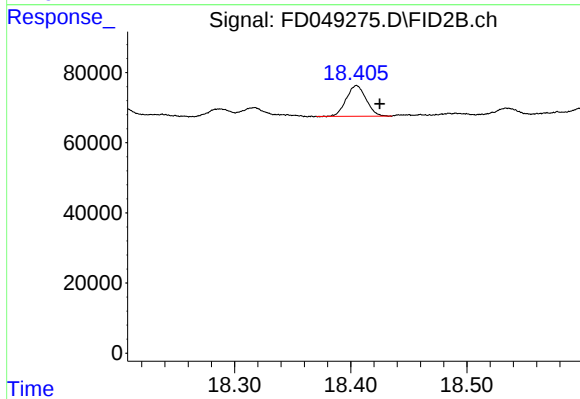
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: -0.018 min
Response: 214067
Conc: 1.74 ug/ml



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

R.T.: 18.195 min
Delta R.T.: -0.014 min
Response: 63550
Conc: 0.50 ug/ml



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

R.T.: 18.405 min
Delta R.T.: -0.020 min
Response: 104053
Conc: 0.80 ug/ml