

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049274.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 17:53
 Operator : YP/AJ
 Sample : Q1746-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 01:04:23 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	5645993	38.114 ug/ml
Spiked Amount 50.000		Recovery =	76.23%
6) S 2-Fluorobiphenyl (SURR)	8.615	3309950	32.450 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.90%
11) S ortho-Terphenyl (SURR)	11.657	5676156	32.217 ug/ml
Spiked Amount 50.000		Recovery =	64.43%
Target Compounds			
2) T Naphthalene (C11.7)	6.087	49360	0.301 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	60155	0.372 ug/ml
9) T Phenanthrene (C19.36)	10.888	122233	0.712 ug/ml
12) T Fluoranthene (C21.85)	12.698	327743	1.939 ug/ml
13) T Pyrene (C20.8)	12.996	260111	1.551 ug/ml
14) T Benzo[a]anthracene (C...	14.864	152360	1.060 ug/ml
15) T Chrysene (C27.41)	14.905	188125	1.304 ug/ml
16) T benzo[b]fluoranthene ...	16.415	212331	1.526 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	63126	0.462 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	139862	1.076 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.151	229363	1.861 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	107946	0.854 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	106166	0.813 ug/ml

(f)=RT Delta > 1/2 Window

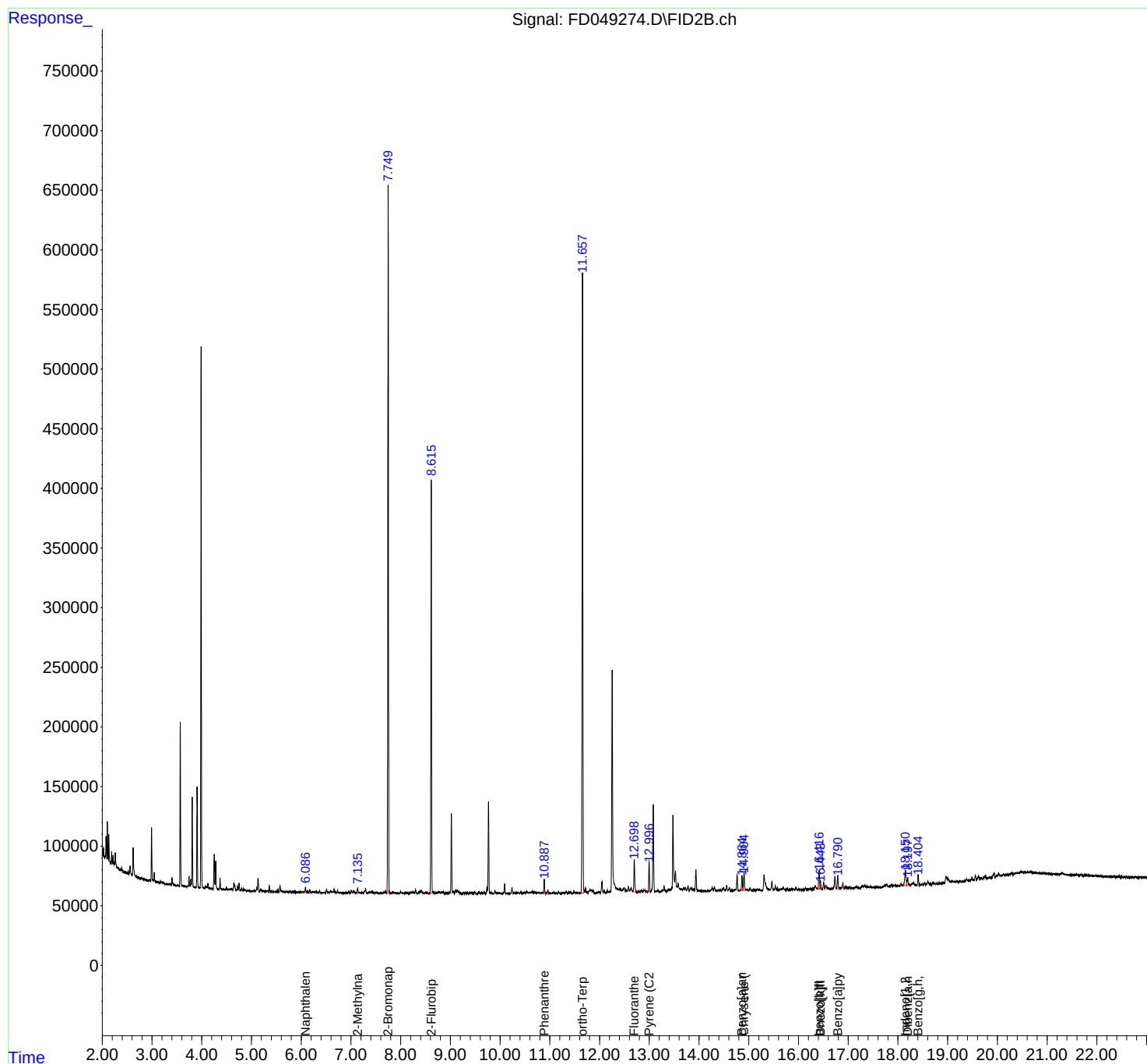
(m)=manual int.

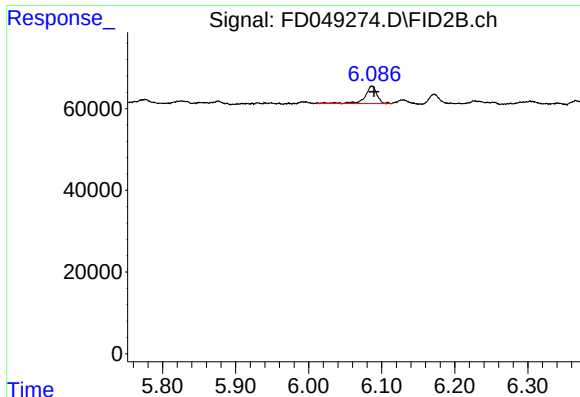
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

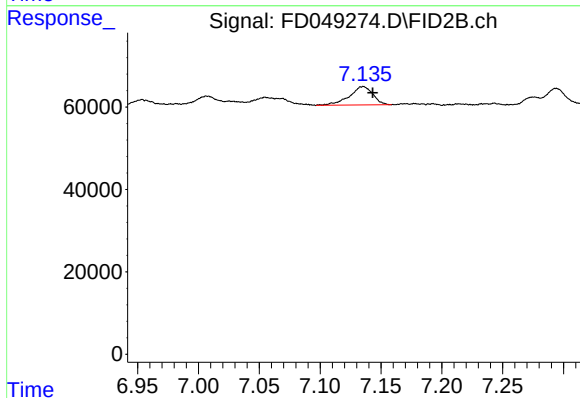




#2 Naphthalene (C11.7)

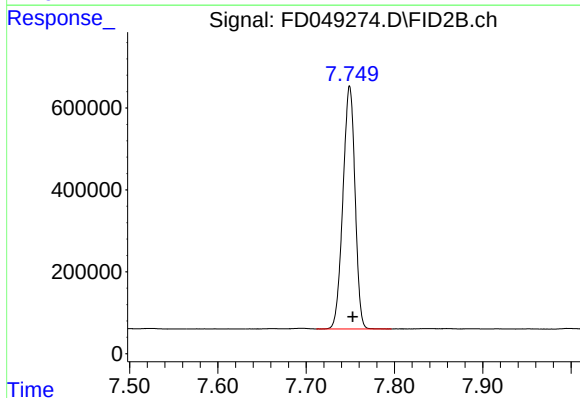
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 49360
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



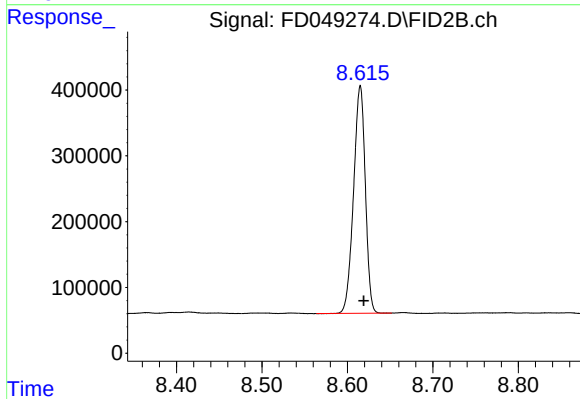
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.008 min
Response: 60155
Conc: 0.37 ug/ml



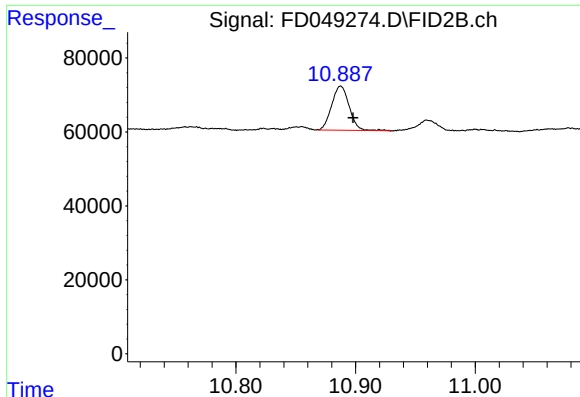
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 5645993
Conc: 38.11 ug/ml



#6 2-Fluorobiphenyl (SURR)

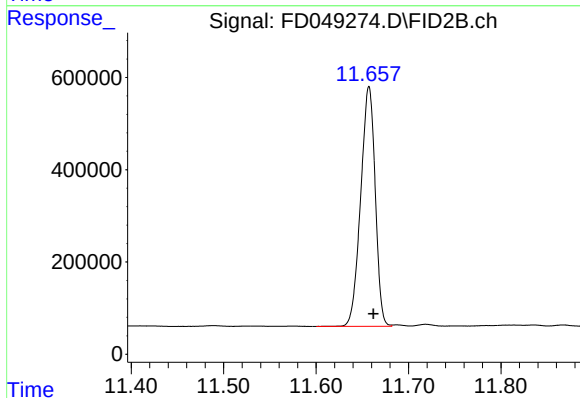
R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3309950
Conc: 32.45 ug/ml



#9 Phenanthrene (C19.36)

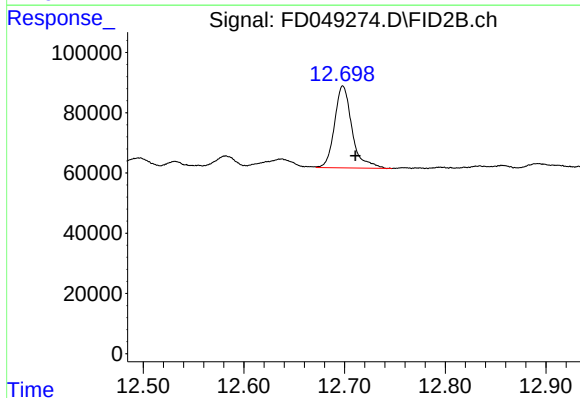
R.T.: 10.888 min
Delta R.T.: -0.010 min
Response: 122233
Conc: 0.71 ug/ml

Instrument :
FID_D
ClientSampleId :



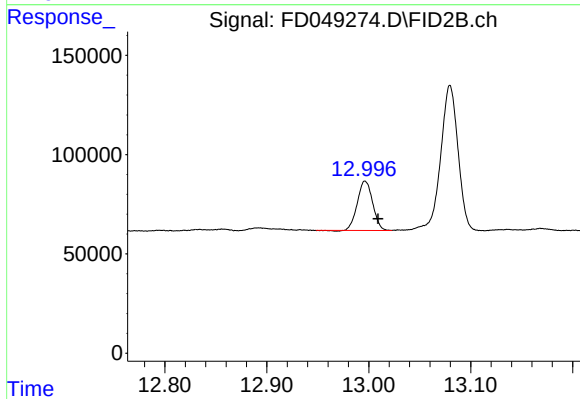
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 5676156
Conc: 32.22 ug/ml



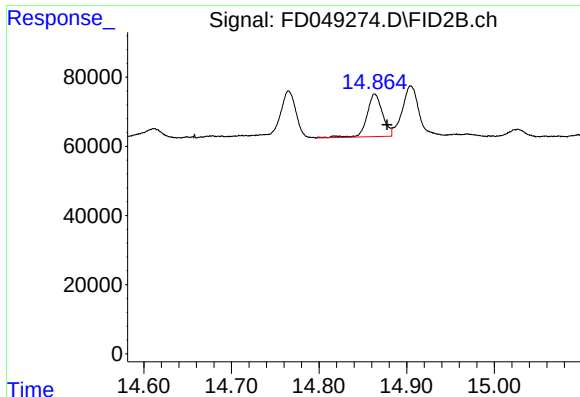
#12 Fluoranthene (C21.85)

R.T.: 12.698 min
Delta R.T.: -0.012 min
Response: 327743
Conc: 1.94 ug/ml



#13 Pyrene (C20.8)

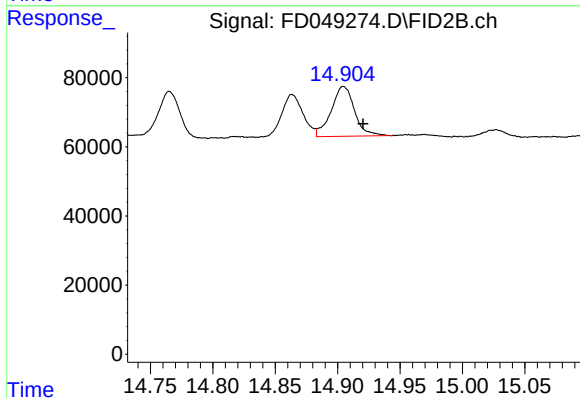
R.T.: 12.996 min
Delta R.T.: -0.013 min
Response: 260111
Conc: 1.55 ug/ml



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

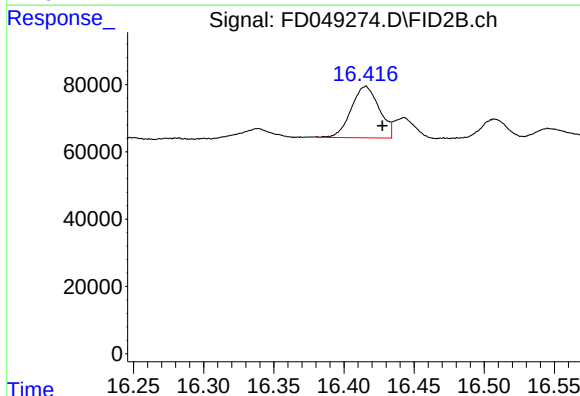
R.T.: 14.864 min
Delta R.T.: -0.014 min
Response: 152360
Conc: 1.06 ug/ml

Instrument :
FID_D
ClientSampleId :



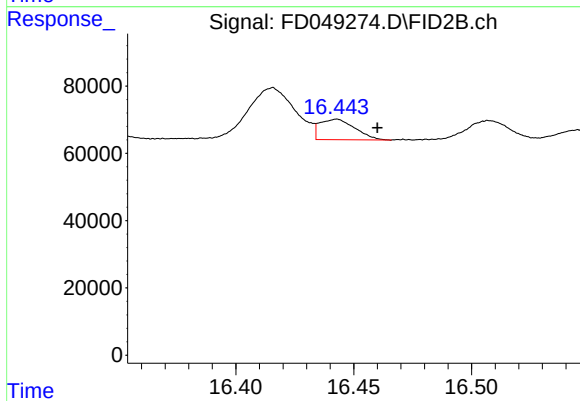
#15 Chrysene (C27.41)

R.T.: 14.905 min
Delta R.T.: -0.016 min
Response: 188125
Conc: 1.30 ug/ml



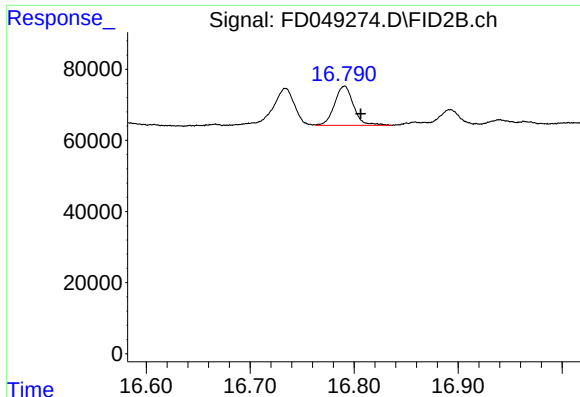
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.415 min
Delta R.T.: -0.012 min
Response: 212331
Conc: 1.53 ug/ml



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

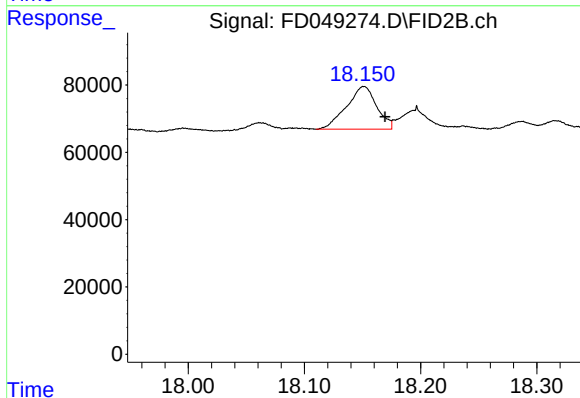
R.T.: 16.443 min
Delta R.T.: -0.017 min
Response: 63126
Conc: 0.46 ug/ml



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

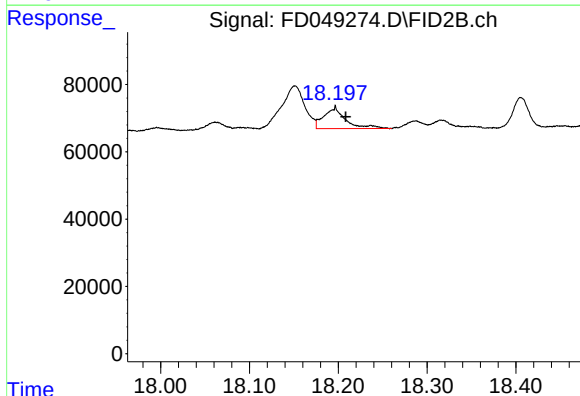
R.T.: 16.791 min
Delta R.T.: -0.016 min
Response: 139862
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



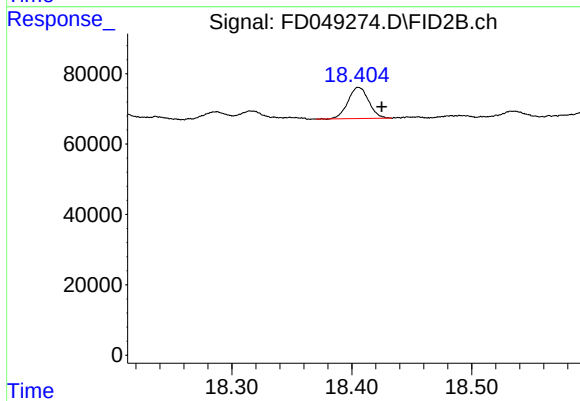
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.151 min
Delta R.T.: -0.018 min
Response: 229363
Conc: 1.86 ug/ml



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

R.T.: 18.197 min
Delta R.T.: -0.012 min
Response: 107946
Conc: 0.85 ug/ml



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

R.T.: 18.406 min
Delta R.T.: -0.019 min
Response: 106166
Conc: 0.81 ug/ml