

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040925AR\
 Data File : FD049263.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2025 19:45
 Operator : YP/AJ
 Sample : Q1746-05
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 02:09:47 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	6329874	42.731 ug/ml
Spiked Amount 50.000		Recovery =	85.46%
6) S 2-Fluorobiphenyl (SURR)	8.616	3651797	35.801 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.60%
11) S ortho-Terphenyl (SURR)	11.659	6317649	35.858 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.582	76582	0.511 ug/ml
2) T Naphthalene (C11.7)	6.086	246806	1.507 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	92527	0.572 ug/ml
9) T Phenanthrene (C19.36)	10.889	166107	0.968 ug/ml
10) T Anthracene (C19.43)	10.958	95131	0.606 ug/ml
12) T Fluoranthene (C21.85)	12.700	345559	2.044 ug/ml
13) T Pyrene (C20.8)	12.998	471045	2.809 ug/ml
14) T Benzo[a]anthracene (C...	14.837	551521	3.837 ug/ml
15) T Chrysene (C27.41)	14.921	805556	5.583 ug/ml
16) T benzo[b]fluoranthene ...	16.398	270519	1.944 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398f	270519	1.978 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.801	102936	0.792 ug/ml

(f)=RT Delta > 1/2 Window

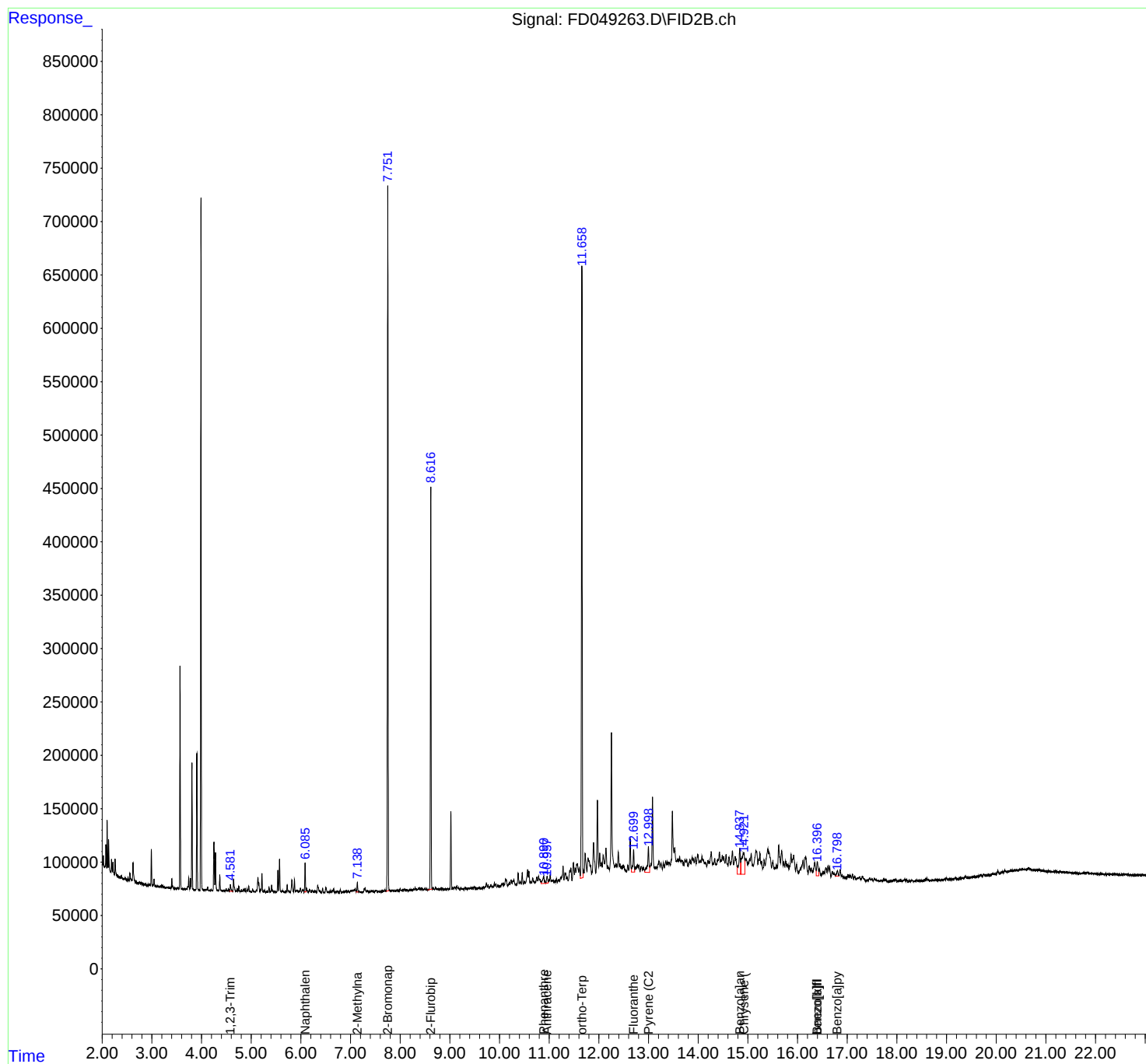
(m)=manual int.

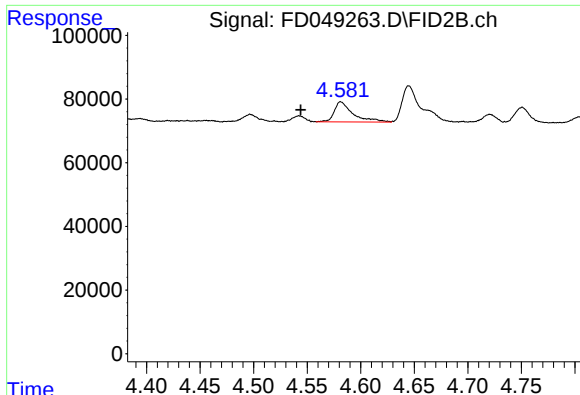
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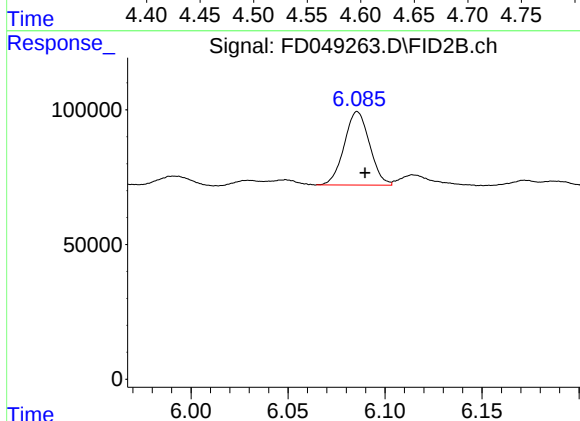




#1 1,2,3-Trimethylbenzene (C10.1)

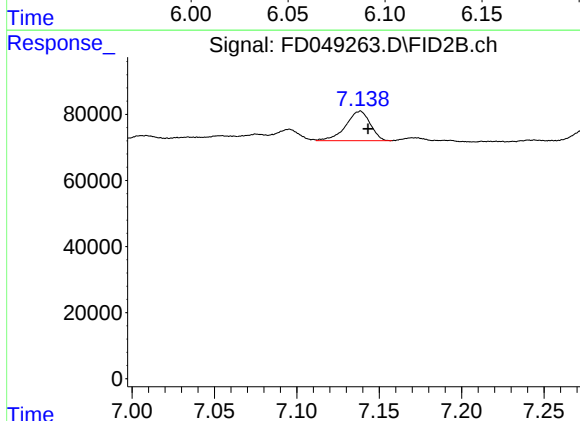
R.T.: 4.582 min
Delta R.T.: 0.038 min
Response: 76582
Conc: 0.51 ug/ml

Instrument :
FID_D
ClientSampleId :



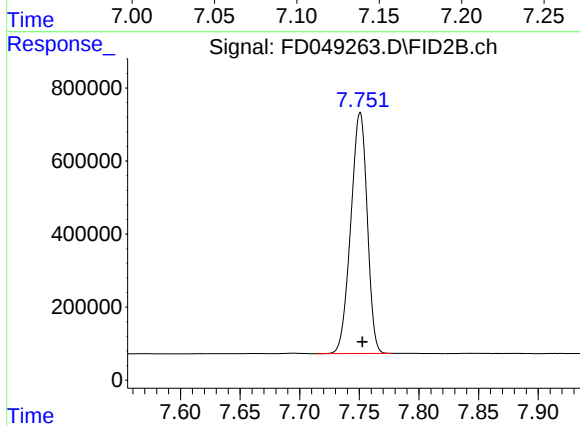
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 246806
Conc: 1.51 ug/ml



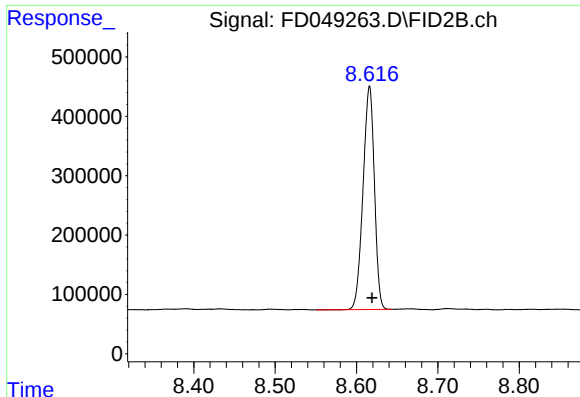
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 92527
Conc: 0.57 ug/ml



#4 2-Bromonaphthalene (SURR)

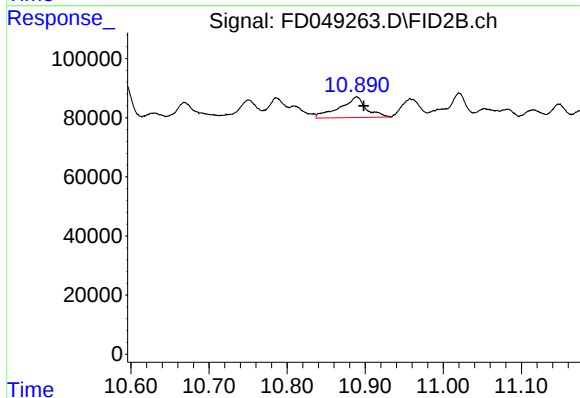
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 6329874
Conc: 42.73 ug/ml



#6 2-Fluorobiphenyl (SURR)

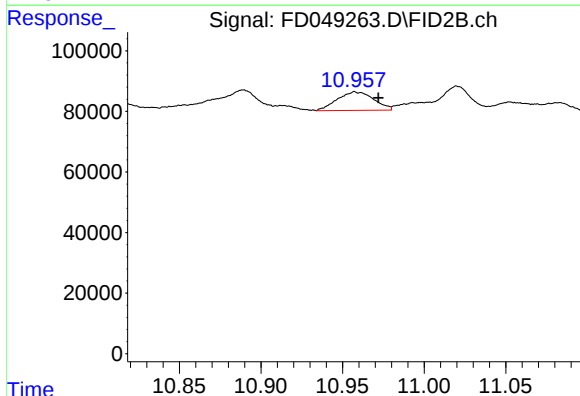
R.T.: 8.616 min
Delta R.T.: -0.003 min
Response: 3651797
Conc: 35.80 ug/ml

Instrument :
FID_D
ClientSampleId :



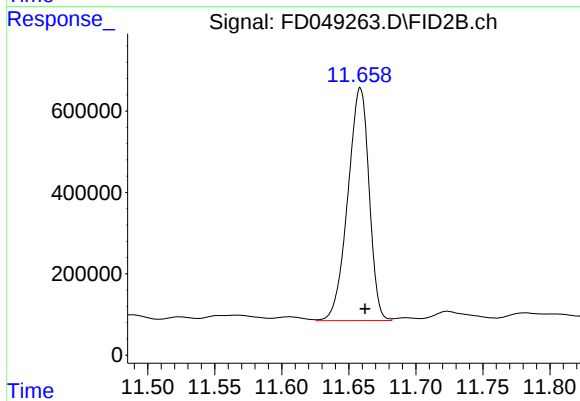
#9 Phenanthrene (C19.36)

R.T.: 10.889 min
Delta R.T.: -0.009 min
Response: 166107
Conc: 0.97 ug/ml



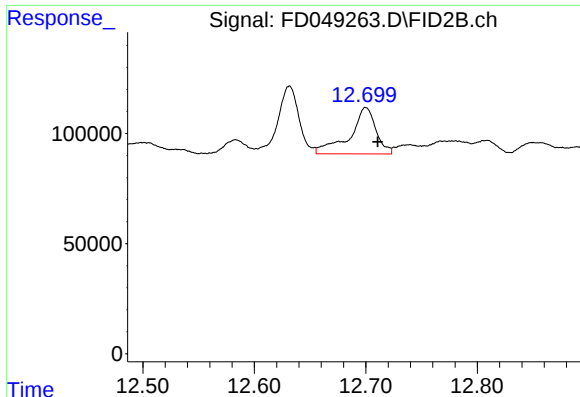
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: -0.014 min
Response: 95131
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURR)

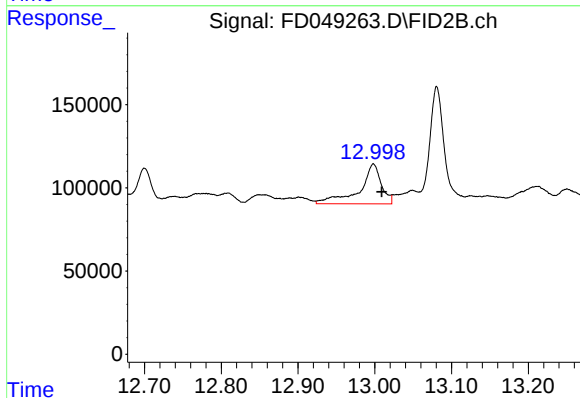
R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 6317649
Conc: 35.86 ug/ml



#12 Fluoranthene (C21.85)

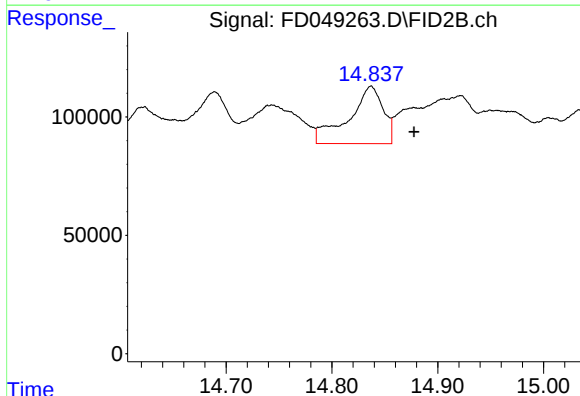
R.T.: 12.700 min
Delta R.T.: -0.011 min
Response: 345559
Conc: 2.04 ug/ml

Instrument :
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ClientSampleId :



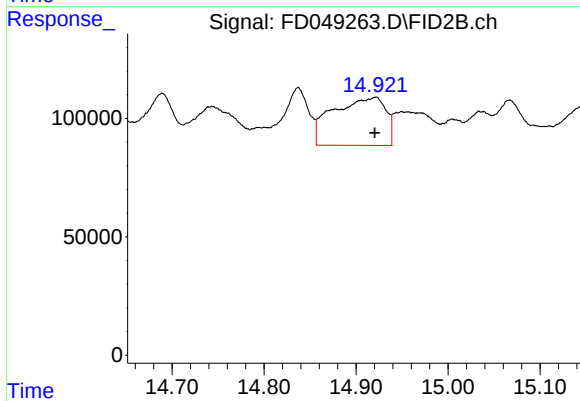
#13 Pyrene (C20.8)

R.T.: 12.998 min
Delta R.T.: -0.011 min
Response: 471045
Conc: 2.81 ug/ml



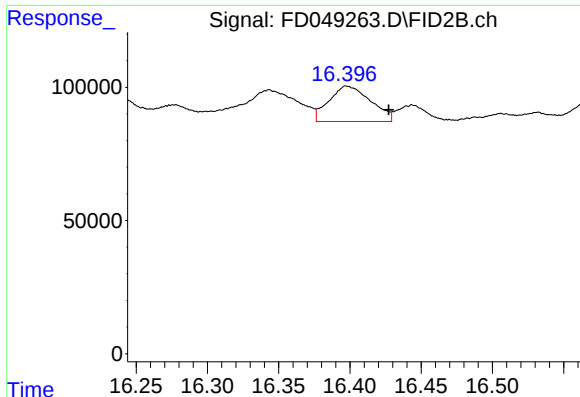
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.837 min
Delta R.T.: -0.041 min
Response: 551521
Conc: 3.84 ug/ml



#15 Chrysene (C27.41)

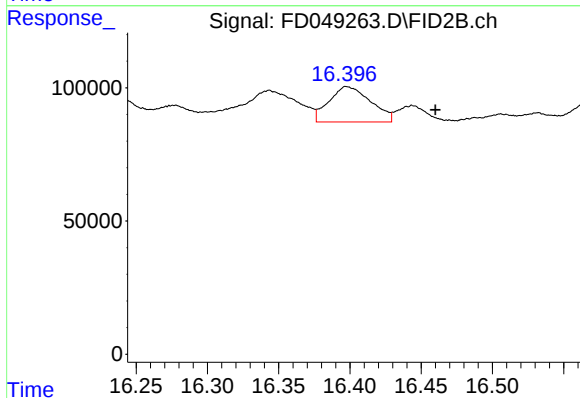
R.T.: 14.921 min
Delta R.T.: 0.000 min
Response: 805556
Conc: 5.58 ug/ml



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

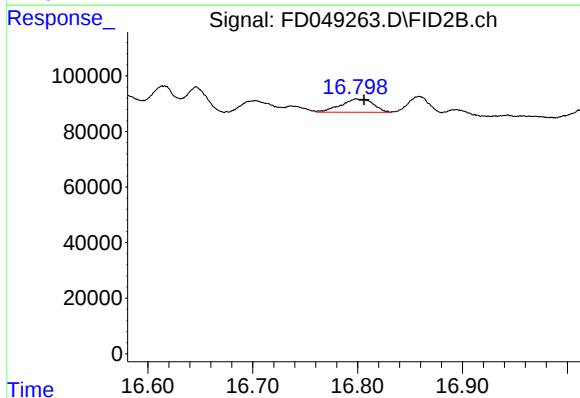
R.T.: 16.398 min
Delta R.T.: -0.029 min
Response: 270519
Conc: 1.94 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.398 min
Delta R.T.: -0.061 min
Response: 270519
Conc: 1.98 ug/ml



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

R.T.: 16.801 min
Delta R.T.: -0.006 min
Response: 102936
Conc: 0.79 ug/ml