

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049061.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 16:45
 Operator : YP/AJ
 Sample : Q1308-13
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 00:00:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.353	6955762	48.873 ug/ml
Spiked Amount 50.000		Recovery =	97.75%
6) S 2-Fluorobiphenyl (SURR)	8.202	3715804	43.670 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.34%
11) S ortho-Terphenyl (SURR)	11.239	8182768	49.758 ug/ml
Spiked Amount 50.000		Recovery =	99.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	47039	0.305 ug/ml
2) T Naphthalene (C11.7)	5.691	50491	0.323 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	529500	3.413 ug/ml
5) T Acenaphthylene (C15.06)	7.996	569617	3.483 ug/ml
7) T Acenaphthene (C15.5)	8.316	127880	0.761 ug/ml
8) T Fluorene (C16.55)	9.099	246226	1.574 ug/ml
9) T Phenanthrene (C19.36)	10.478	134162	0.881 ug/ml
10) T Anthracene (C19.43)	10.478	134162	0.881 ug/ml
12) T Fluoranthene (C21.85)	12.288	133532	0.849 ug/ml
13) T Pyrene (C20.8)	12.576	67000	0.425 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	198461	1.903 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	54124	0.379 ug/ml

(f)=RT Delta > 1/2 Window

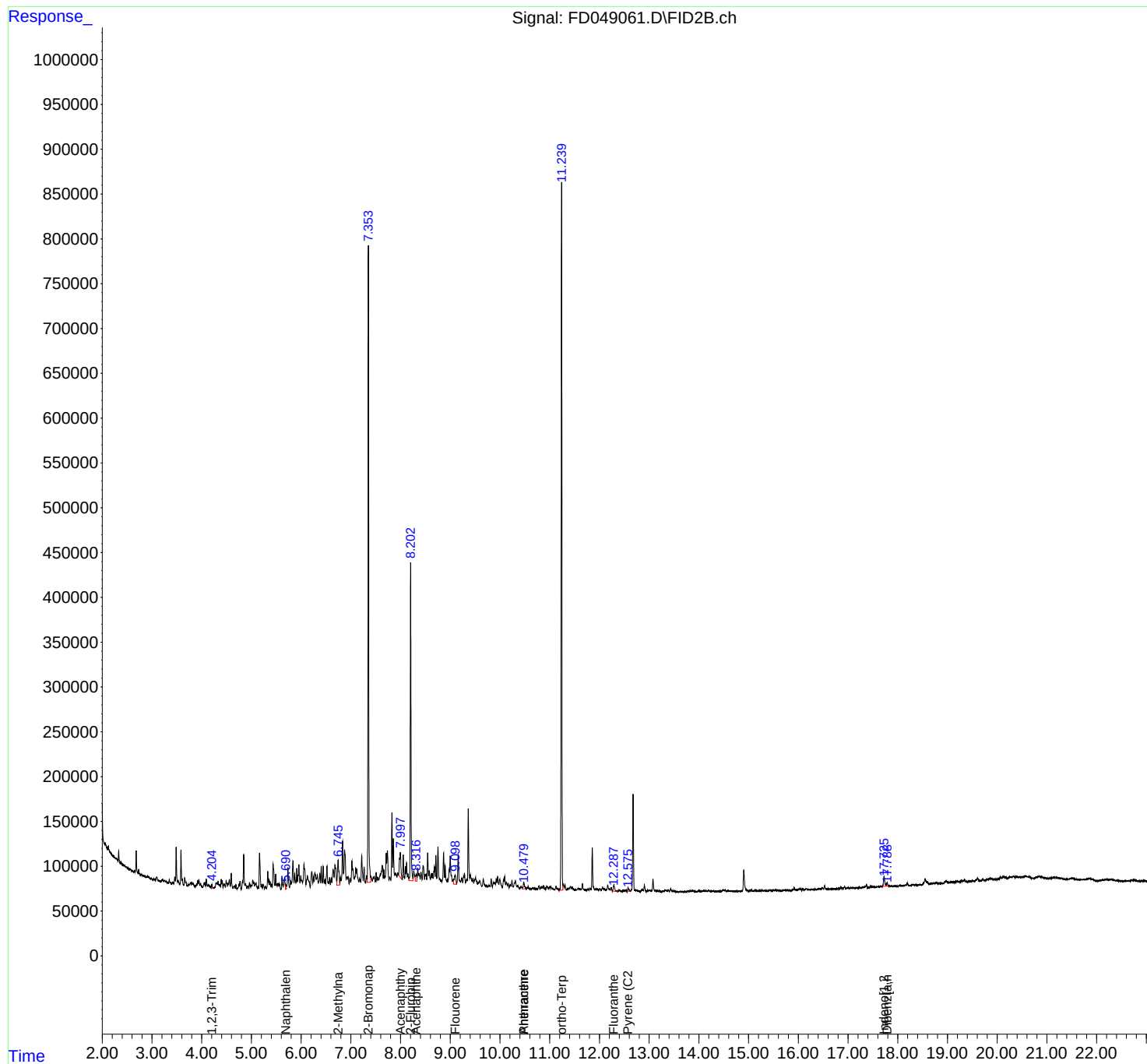
(m)=manual int.

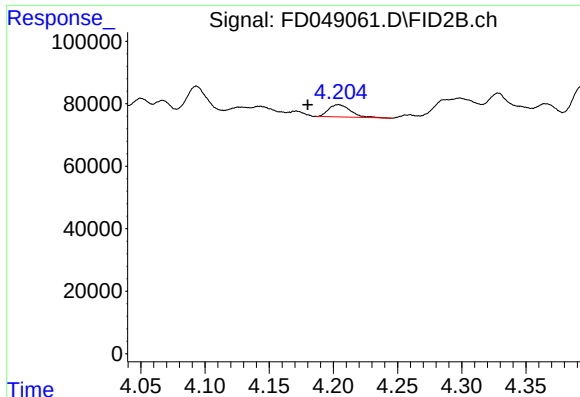
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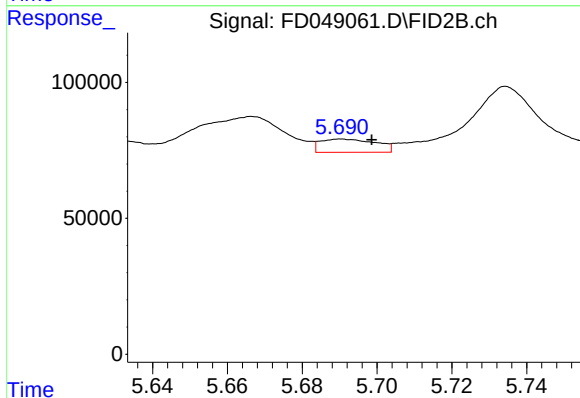




#1 1,2,3-Trimethylbenzene (C10.1)

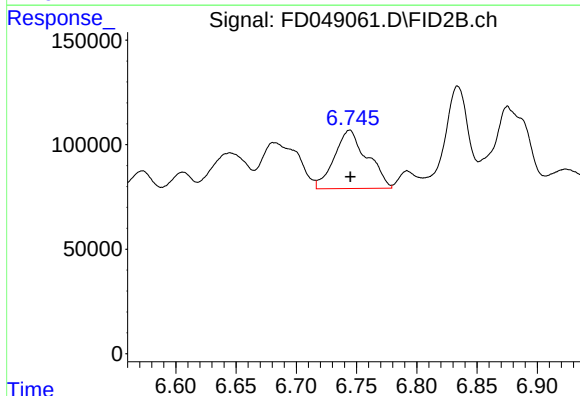
R.T.: 4.204 min
Delta R.T.: 0.024 min
Response: 47039
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



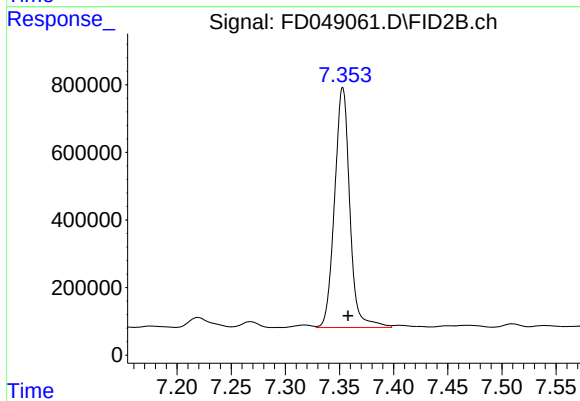
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.008 min
Response: 50491
Conc: 0.32 ug/ml



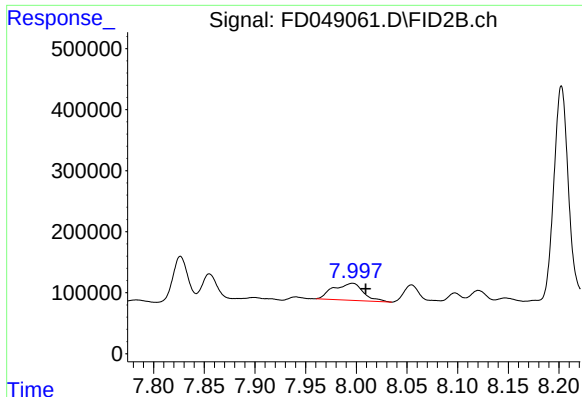
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 529500
Conc: 3.41 ug/ml



#4 2-Bromonaphthalene (SURR)

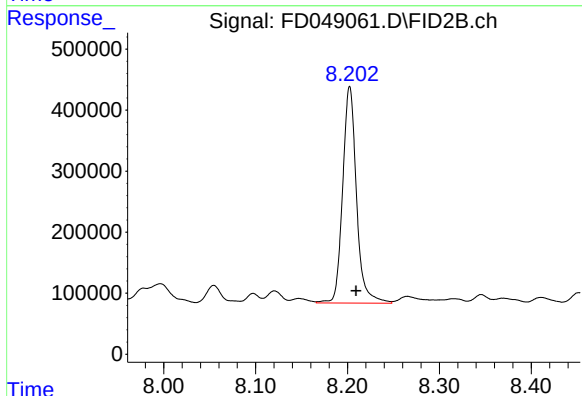
R.T.: 7.353 min
Delta R.T.: -0.005 min
Response: 6955762
Conc: 48.87 ug/ml



#5 Acenaphthylene (C15.06)

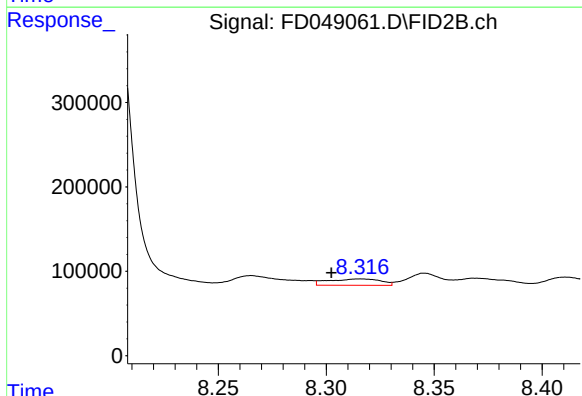
R.T.: 7.996 min
Delta R.T.: -0.013 min
Response: 569617
Conc: 3.48 ug/ml

Instrument :
FID_D
ClientSampleId :



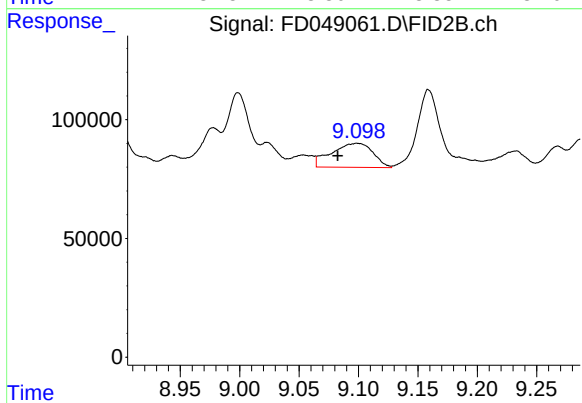
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 3715804
Conc: 43.67 ug/ml



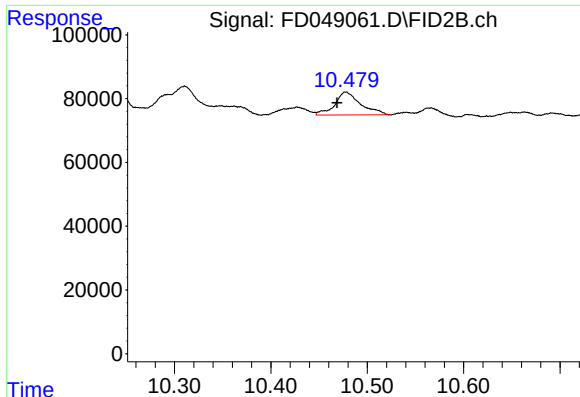
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: 0.013 min
Response: 127880
Conc: 0.76 ug/ml



#8 Flouorene (C16.55)

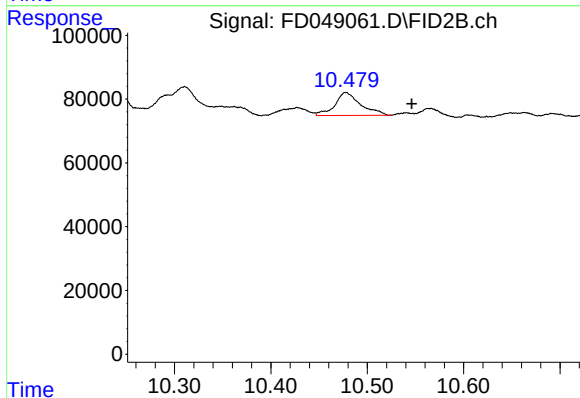
R.T.: 9.099 min
Delta R.T.: 0.017 min
Response: 246226
Conc: 1.57 ug/ml



#9 Phenanthrene (C19.36)

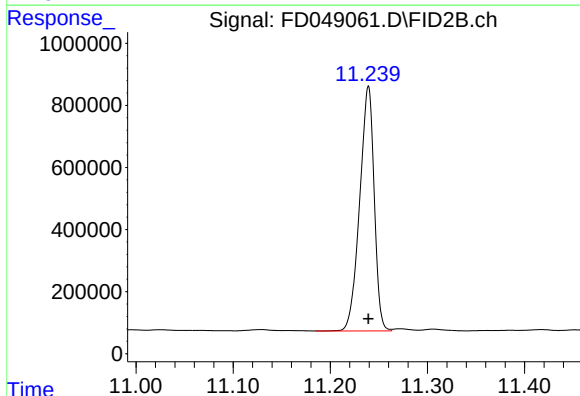
R.T.: 10.478 min
Delta R.T.: 0.009 min
Response: 134162
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



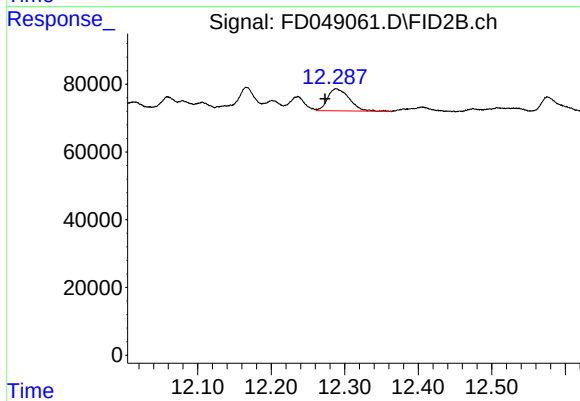
#10 Anthracene (C19.43)

R.T.: 10.478 min
Delta R.T.: -0.068 min
Response: 134162
Conc: 0.88 ug/ml



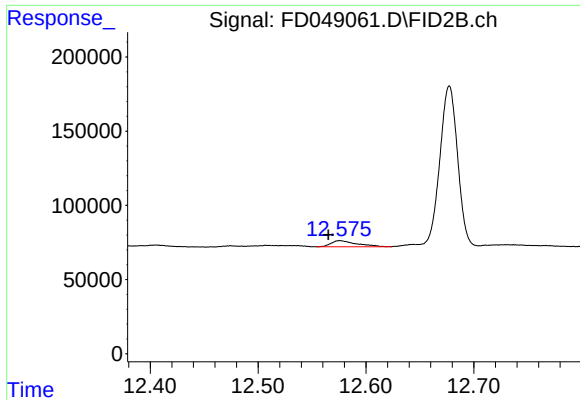
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 8182768
Conc: 49.76 ug/ml



#12 Fluoranthene (C21.85)

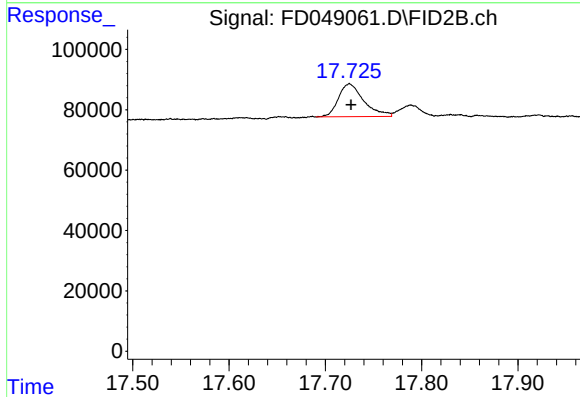
R.T.: 12.288 min
Delta R.T.: 0.015 min
Response: 133532
Conc: 0.85 ug/ml



#13 Pyrene (C20.8)

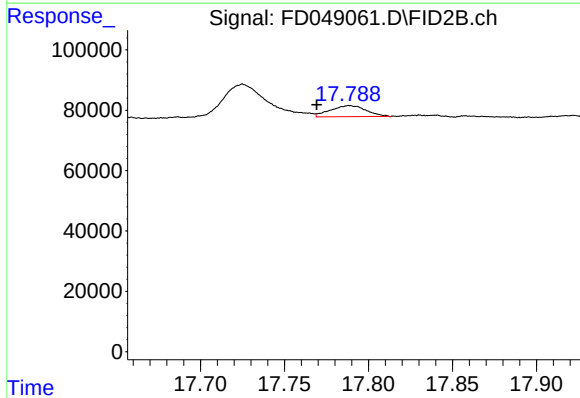
R.T.: 12.576 min
Delta R.T.: 0.011 min
Response: 67000
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.725 min
Delta R.T.: -0.001 min
Response: 198461
Conc: 1.90 ug/ml



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

R.T.: 17.789 min
Delta R.T.: 0.020 min
Response: 54124
Conc: 0.38 ug/ml