

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048361.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 18:43
 Operator : YP/AJ
 Sample : P4104-19
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:15:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.385	6653844	43.873 ug/ml
Spiked Amount 50.000		Recovery =	87.75%
6) S 2-Fluorobiphenyl (SURR)	8.235	4424177	46.303 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.61%
11) S ortho-Terphenyl (SURR)	11.272	4170956	24.311 ug/ml
Spiked Amount 50.000		Recovery =	48.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	25729	0.146 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	34904	0.195 ug/ml
7) T Acenaphthene (C15.5)	8.404f	51051	0.287 ug/ml
8) T Fluorene (C16.55)	9.127	49760	0.297 ug/ml
12) T Fluoranthene (C21.85)	12.330	41818	0.258 ug/ml
14) T Benzo[a]anthracene (C...	14.521	34005	0.243 ug/ml
15) T Chrysene (C27.41)	14.521	34005	0.206 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	121748	1.077 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	73001	0.478 ug/ml
21) T Benzo[g,h,i]perylene ...	18.033	94456	0.641 ug/ml

(f)=RT Delta > 1/2 Window

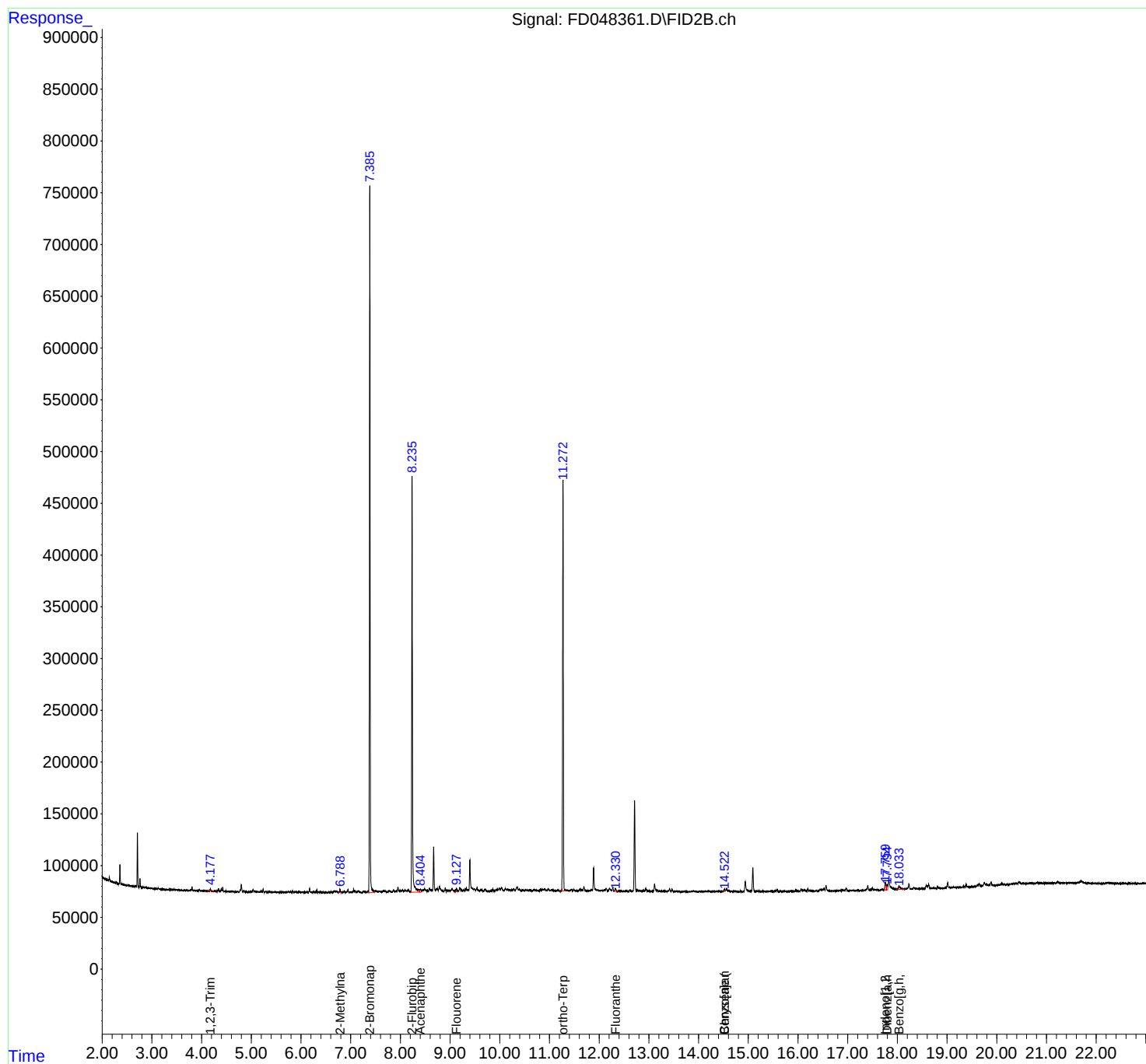
(m)=manual int.

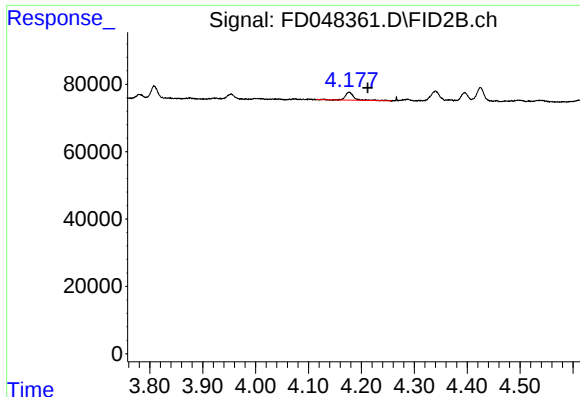
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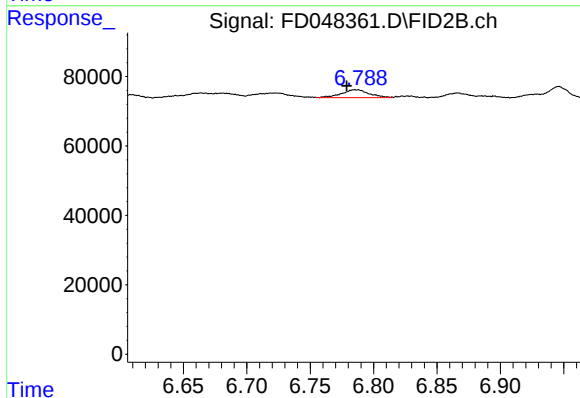




#1 1,2,3-Trimethylbenzene (C10.1)

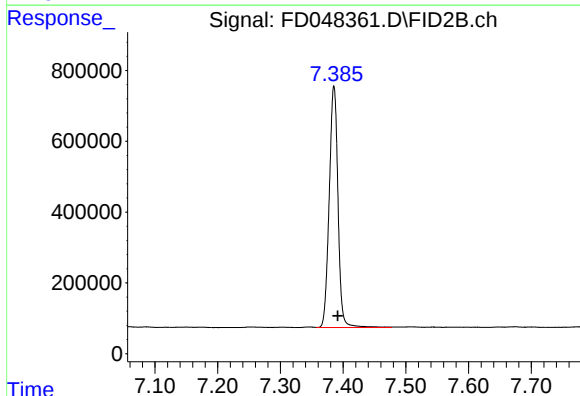
R.T.: 4.177 min
Delta R.T.: -0.035 min
Response: 25729
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



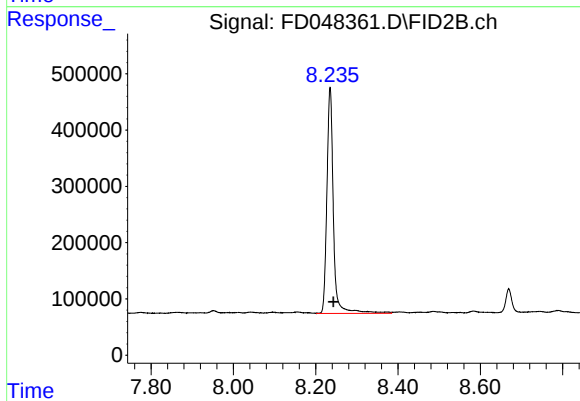
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: 0.007 min
Response: 34904
Conc: 0.20 ug/ml



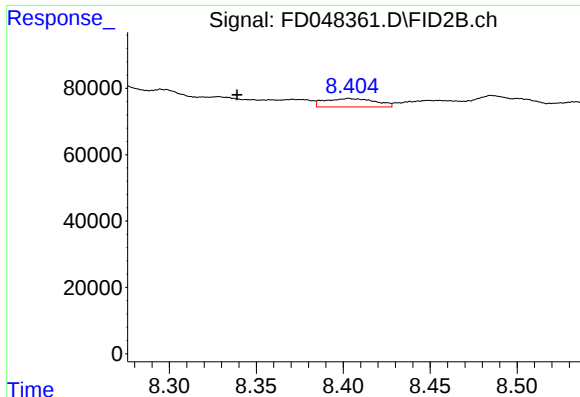
#4 2-Bromonaphthalene (SURR)

R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 6653844
Conc: 43.87 ug/ml



#6 2-Fluorobiphenyl (SURR)

R.T.: 8.235 min
Delta R.T.: -0.008 min
Response: 4424177
Conc: 46.30 ug/ml



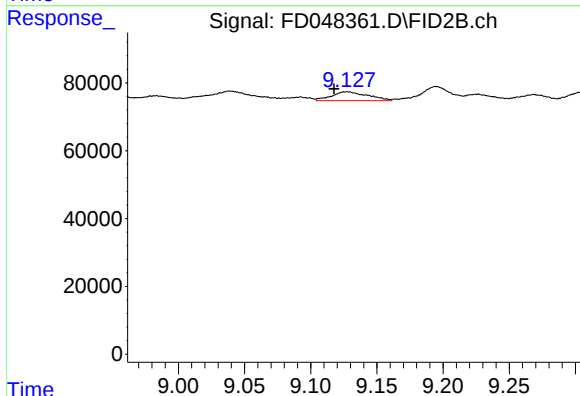
#7 Acenaphthene (C15.5)

R.T.: 8.404 min
Delta R.T.: 0.065 min
Response: 51051
Conc: 0.29 ug/ml

Instrument :

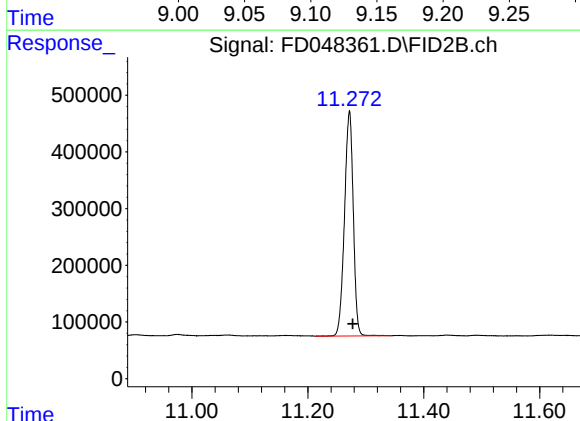
FID_D

ClientSampleId :



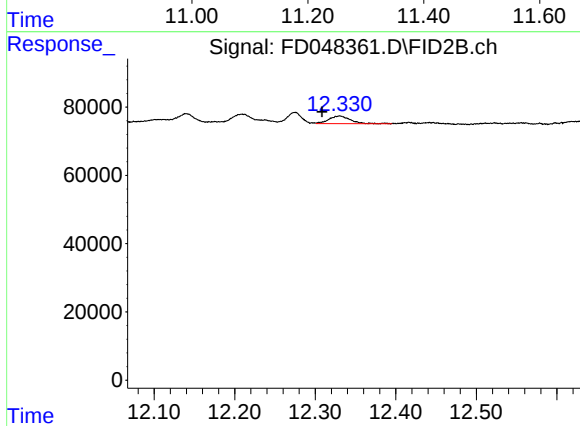
#8 Flouorene (C16.55)

R.T.: 9.127 min
Delta R.T.: 0.010 min
Response: 49760
Conc: 0.30 ug/ml



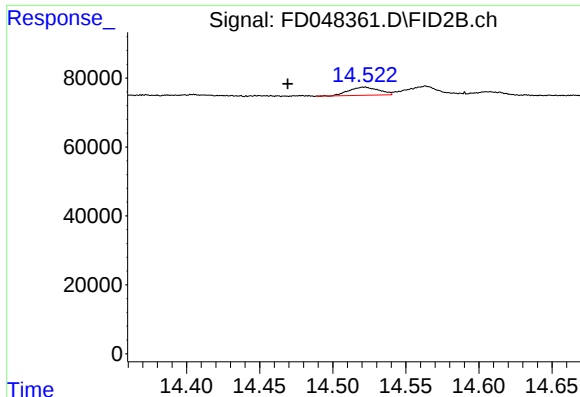
#11 ortho-Terphenyl (SURR)

R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 4170956
Conc: 24.31 ug/ml



#12 Fluoranthene (C21.85)

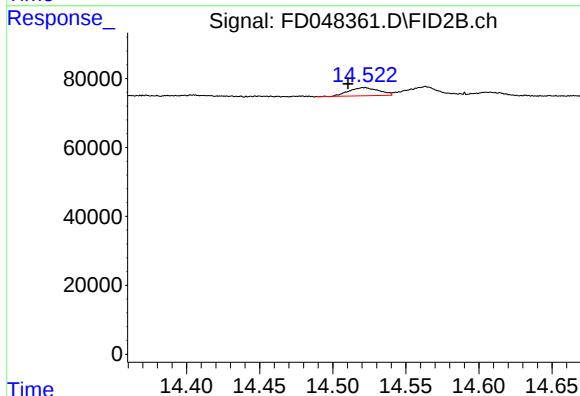
R.T.: 12.330 min
Delta R.T.: 0.022 min
Response: 41818
Conc: 0.26 ug/ml



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

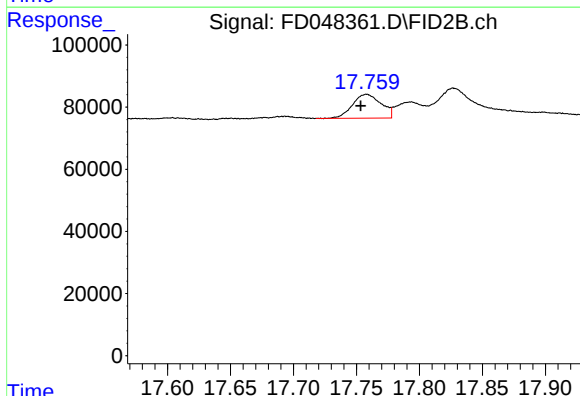
R.T.: 14.521 min
Delta R.T.: 0.052 min
Response: 34005
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



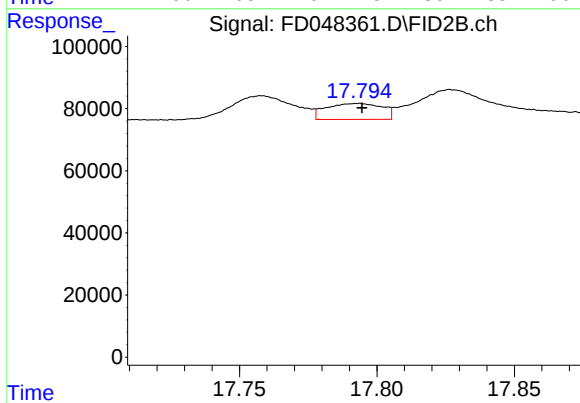
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.011 min
Response: 34005
Conc: 0.21 ug/ml



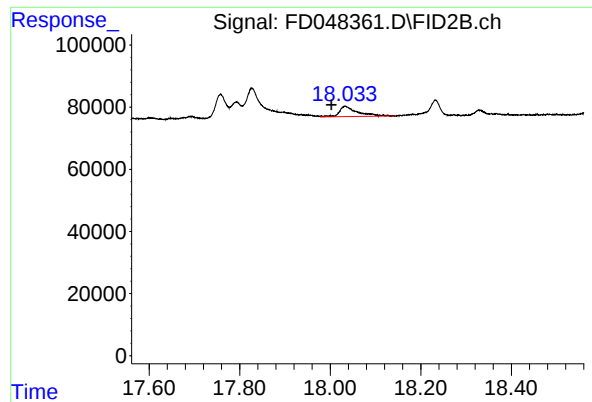
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.005 min
Response: 121748
Conc: 1.08 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.002 min
Response: 73001
Conc: 0.48 ug/ml



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

R.T.: 18.033 min
Delta R.T.: 0.030 min
Response: 94456
Conc: 0.64 ug/ml

Instrument :

FID_D

ClientSampleId :