

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048362.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 19:21
 Operator : YP/AJ
 Sample : P4104-19D
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:15:46 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...	7.386	6661126	43.921 ug/ml
Spiked Amount 50.000		Recovery =	87.84%
6) S 2-Fluorobiphenyl (SURR)	8.235	4400767	46.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.12%
11) S ortho-Terphenyl (SURR)	11.272	4253648	24.793 ug/ml
Spiked Amount 50.000		Recovery =	49.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	22352	0.127 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	33895	0.189 ug/ml
5) T Acenaphthylene (C15.06)	8.043	33546	0.192 ug/ml
7) T Acenaphthene (C15.5)	8.373	44433	0.250 ug/ml
8) T Fluorene (C16.55)	9.127	58142	0.347 ug/ml
12) T Fluoranthene (C21.85)	12.331	43639	0.269 ug/ml
14) T Benzo[a]anthracene (C...	14.523	15518	0.111 ug/ml
15) T Chrysene (C27.41)	14.523	15518	0.094 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	139285	1.233 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	48063	0.315 ug/ml

(f)=RT Delta > 1/2 Window

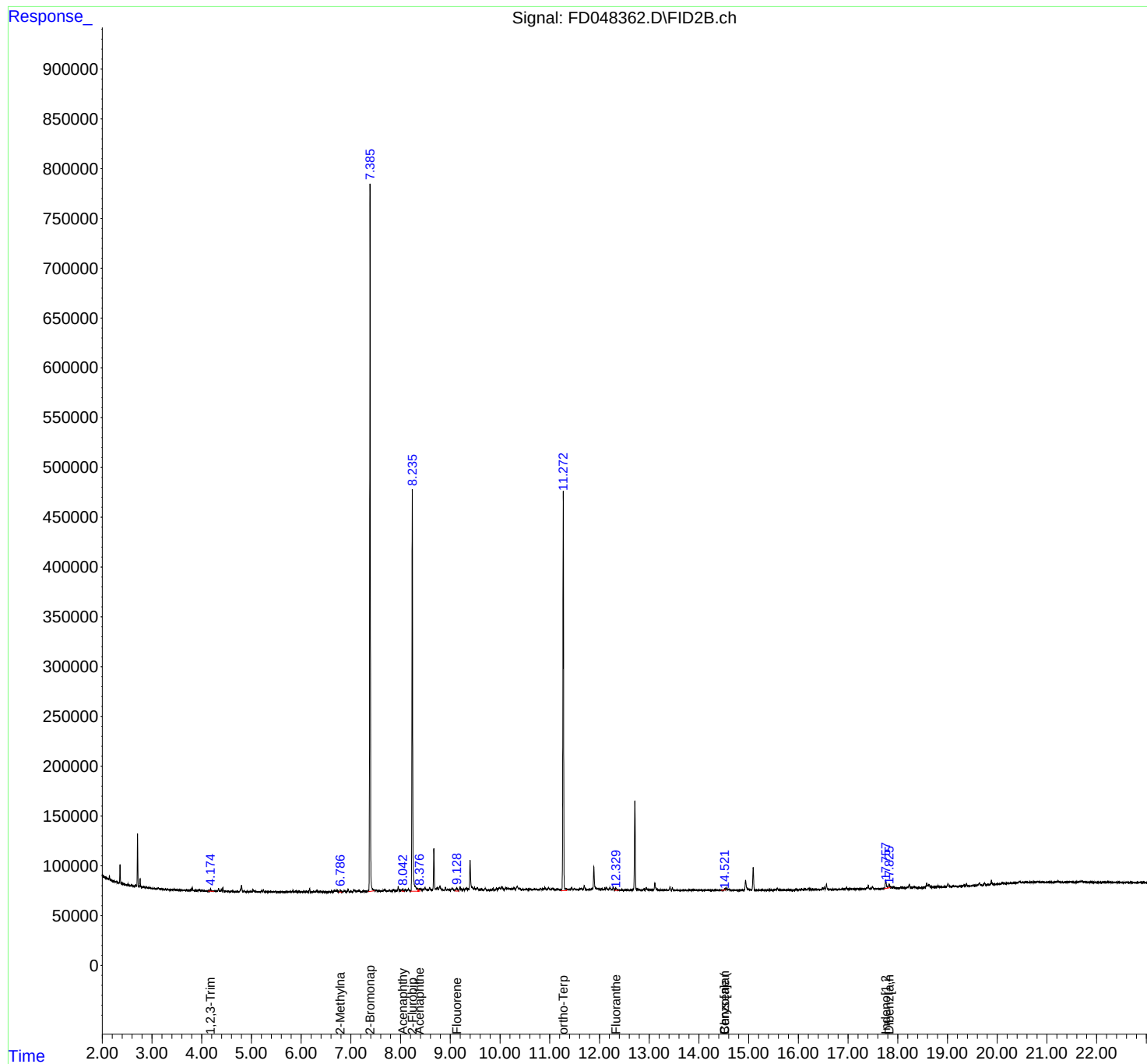
(m)=manual int.

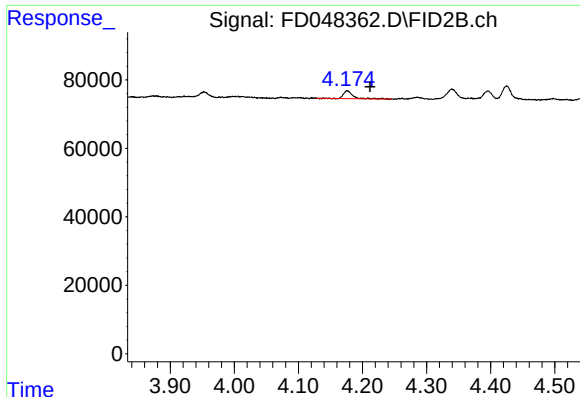
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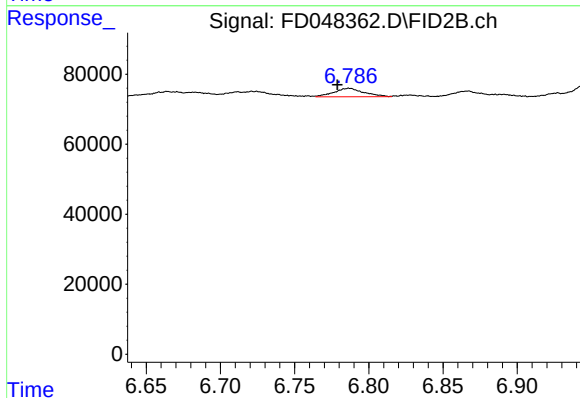




#1 1,2,3-Trimethylbenzene (C10.1)

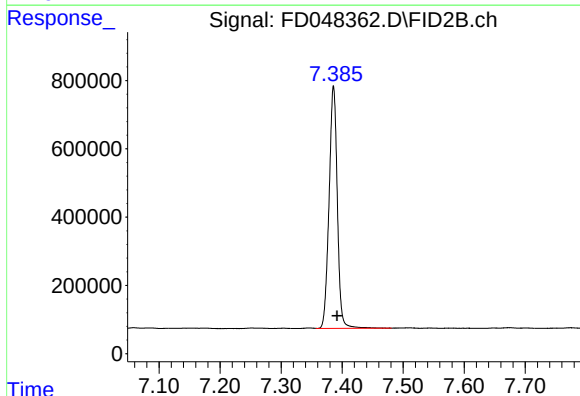
R.T.: 4.177 min
Delta R.T.: -0.035 min
Response: 22352
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



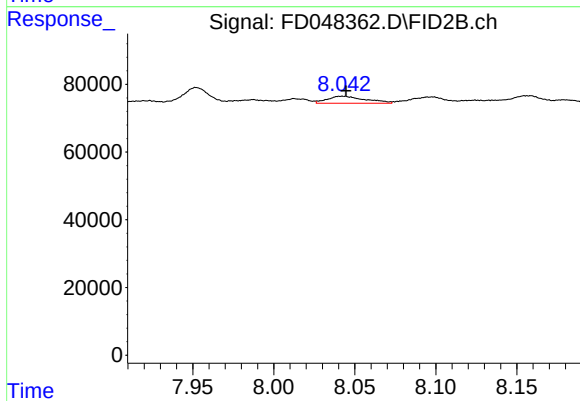
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: 0.008 min
Response: 33895
Conc: 0.19 ug/ml



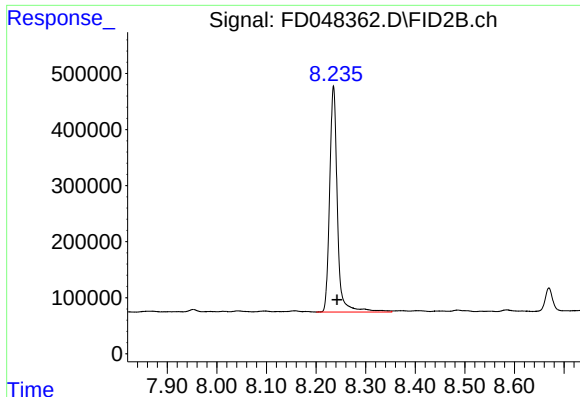
#4 2-Bromonaphthalene (SURR)

R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 6661126
Conc: 43.92 ug/ml



#5 Acenaphthylene (C15.06)

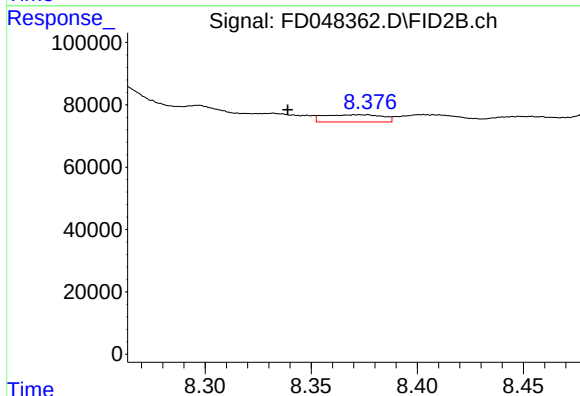
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 33546
Conc: 0.19 ug/ml



#6 2-Fluorobiphenyl (SURR)

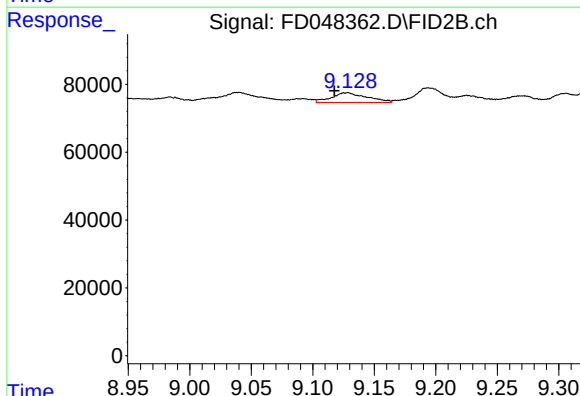
R.T.: 8.235 min
Delta R.T.: -0.008 min
Response: 4400767
Conc: 46.06 ug/ml

Instrument :
FID_D
ClientSampleId :



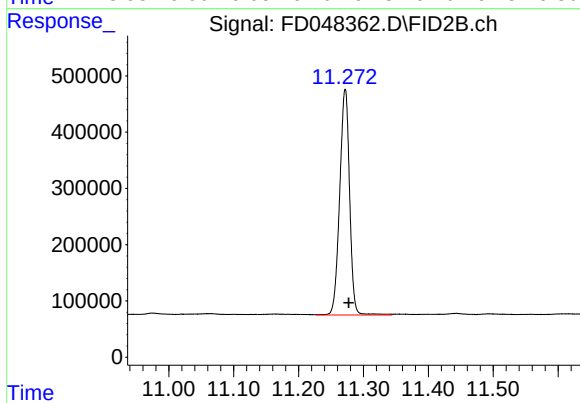
#7 Acenaphthene (C15.5)

R.T.: 8.373 min
Delta R.T.: 0.034 min
Response: 44433
Conc: 0.25 ug/ml



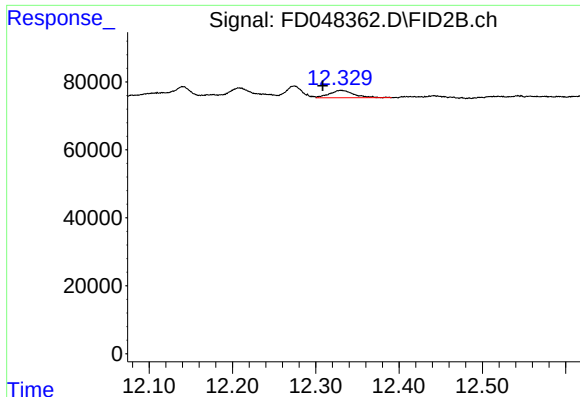
#8 Flouorene (C16.55)

R.T.: 9.127 min
Delta R.T.: 0.010 min
Response: 58142
Conc: 0.35 ug/ml



#11 ortho-Terphenyl (SURR)

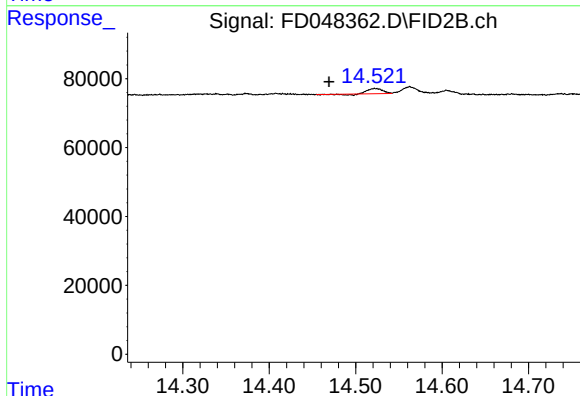
R.T.: 11.272 min
Delta R.T.: -0.006 min
Response: 4253648
Conc: 24.79 ug/ml



#12 Fluoranthene (C21.85)

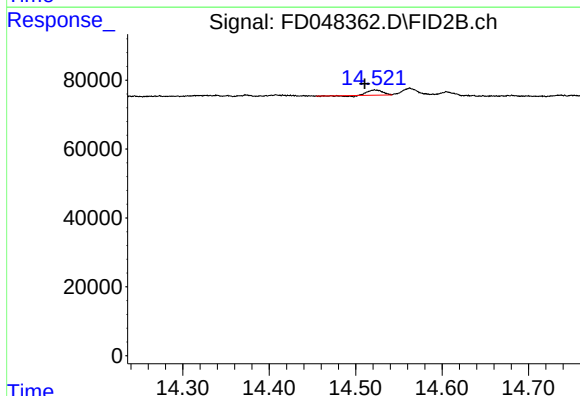
R.T.: 12.331 min
Delta R.T.: 0.022 min
Response: 43639
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



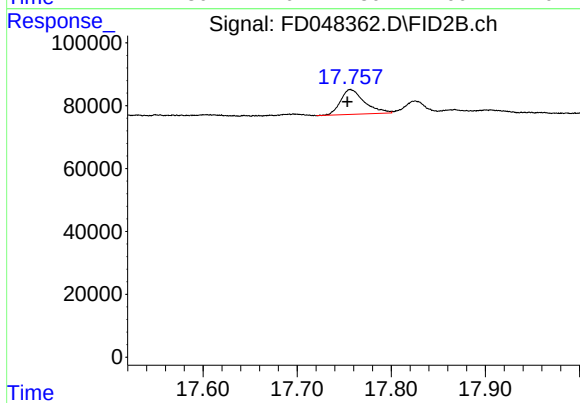
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.523 min
Delta R.T.: 0.054 min
Response: 15518
Conc: 0.11 ug/ml



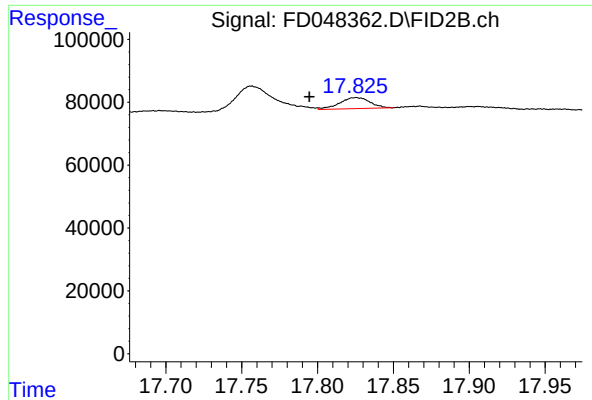
#15 Chrysene (C27.41)

R.T.: 14.523 min
Delta R.T.: 0.012 min
Response: 15518
Conc: 0.09 ug/ml



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

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 139285
Conc: 1.23 ug/ml



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

R.T.: 17.826 min
Delta R.T.: 0.031 min
Response: 48063
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :