

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048355.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 12:53
 Operator : YP/AJ
 Sample : P4104-07DL2 10X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 02:14:48 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	1106265	7.294 ug/ml
Spiked Amount 50.000		Recovery =	14.59%
6) S 2-Fluorobiphenyl (SURR)	8.238	707171	7.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	14.80%
11) S ortho-Terphenyl (SURR)	11.270	415889	2.424 ug/ml
Spiked Amount 50.000		Recovery =	4.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.206	1331061	7.545 ug/ml
2) T Naphthalene (C11.7)	5.726	1212526	6.705 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	1997622	11.166 ug/ml
5) T Acenaphthylene (C15.06)	8.025	681010	3.898 ug/ml
7) T Acenaphthene (C15.5)	8.364	215026	1.209 ug/ml
8) T Flouorene (C16.55)	9.137	198744	1.187 ug/ml
9) T Phenanthrene (C19.36)	10.510	78626	0.487 ug/ml
10) T Anthracene (C19.43)	10.510	78626	0.494 ug/ml
12) T Fluoranthene (C21.85)	12.315	57062	0.352 ug/ml
13) T Pyrene (C20.8)	12.608	54332	0.339 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	32400	0.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	63558	0.562 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	73836	0.484 ug/ml

(f)=RT Delta > 1/2 Window

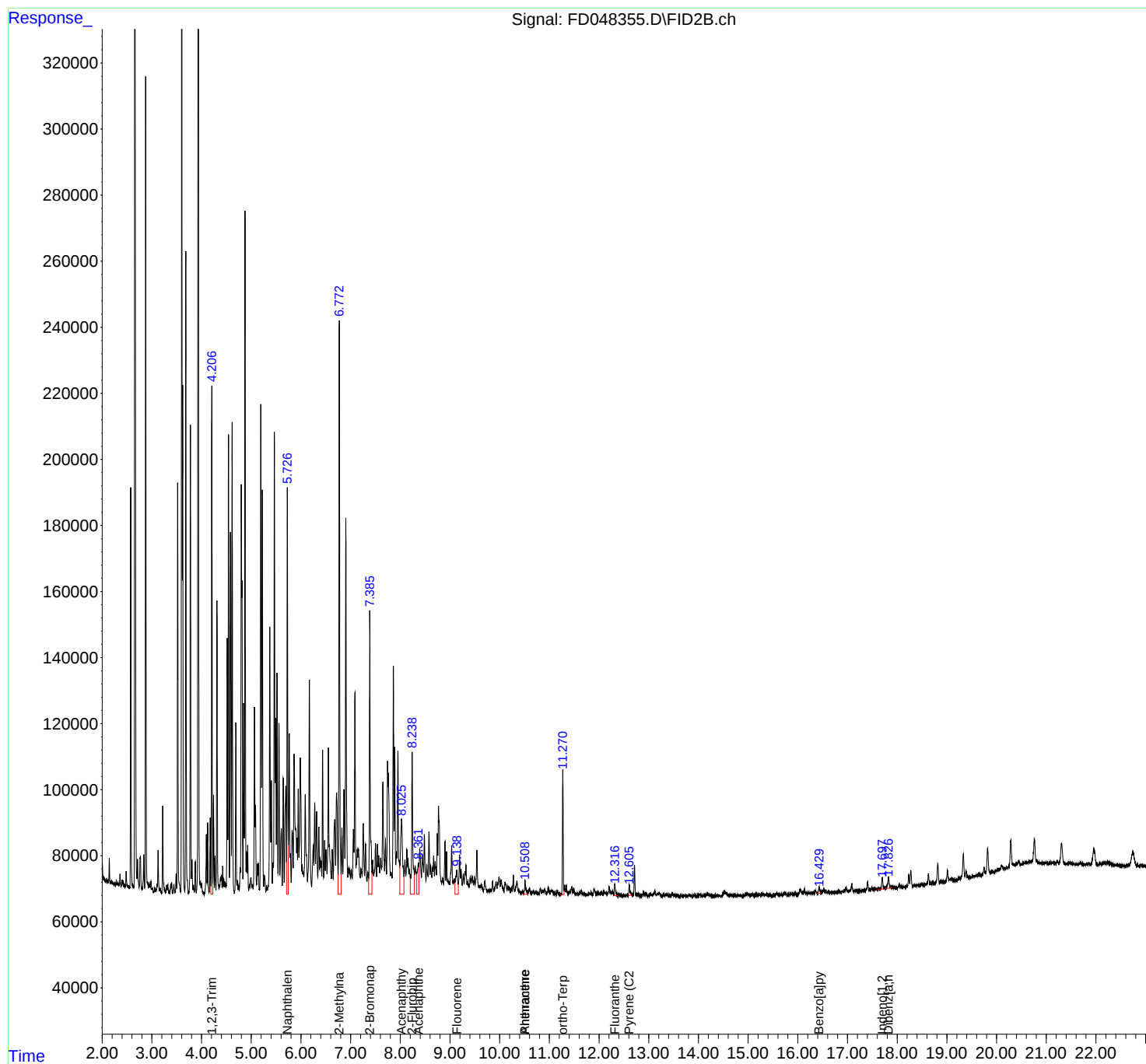
(m)=manual int.

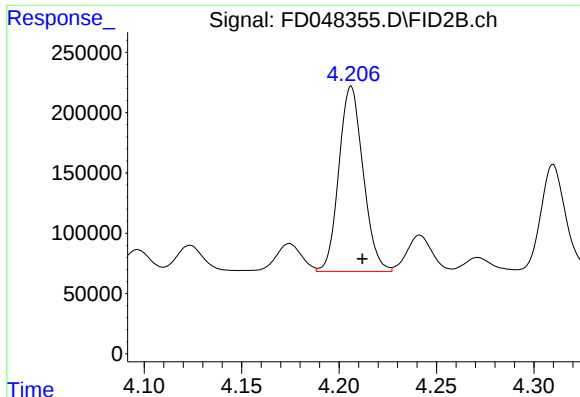
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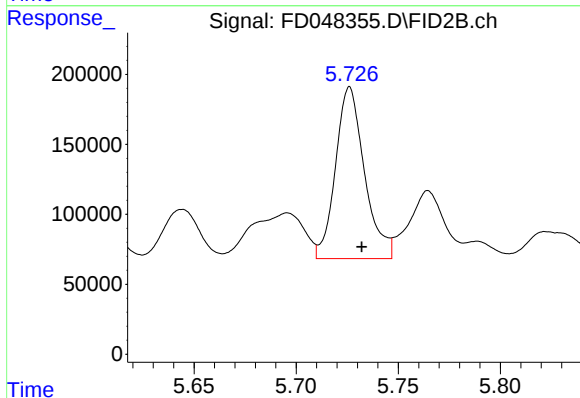




#1 1,2,3-Trimethylbenzene (C10.1)

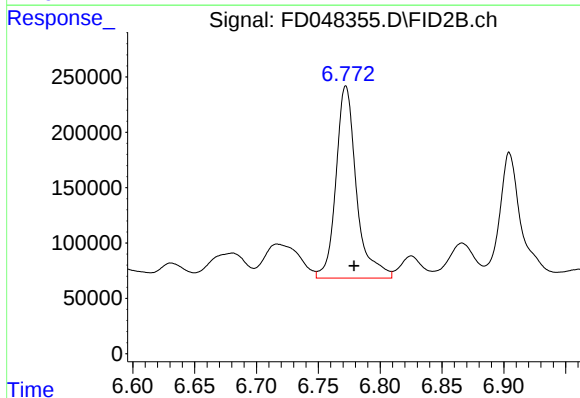
R.T.: 4.206 min
Delta R.T.: -0.006 min
Response: 1331061
Conc: 7.55 ug/ml

Instrument :
FID_D
ClientSampleId :



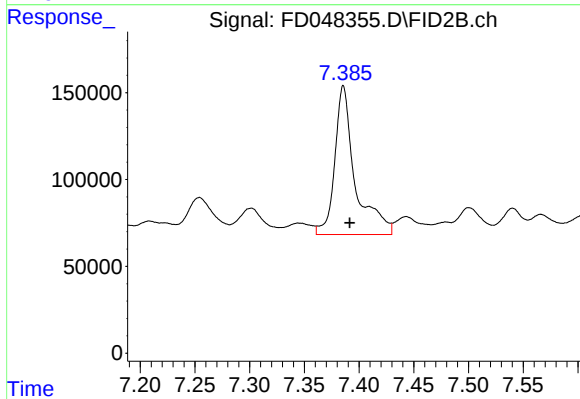
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 1212526
Conc: 6.71 ug/ml



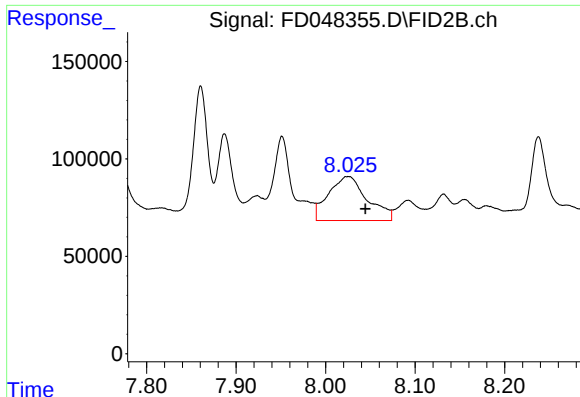
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.007 min
Response: 1997622
Conc: 11.17 ug/ml



#4 2-Bromonaphthalene (SURR)

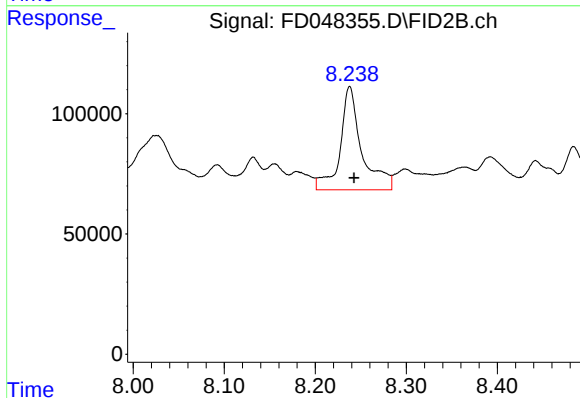
R.T.: 7.386 min
Delta R.T.: -0.006 min
Response: 1106265
Conc: 7.29 ug/ml



#5 Acenaphthylene (C15.06)

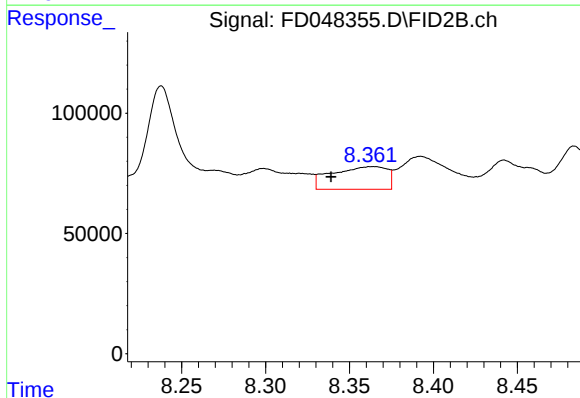
R.T.: 8.025 min
Delta R.T.: -0.020 min
Response: 681010
Conc: 3.90 ug/ml

Instrument :
FID_D
ClientSampleId :



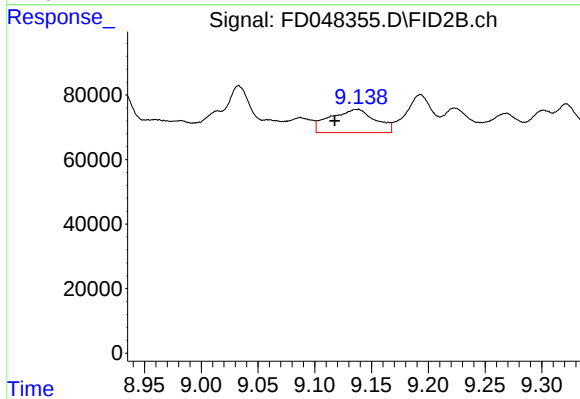
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: -0.005 min
Response: 707171
Conc: 7.40 ug/ml



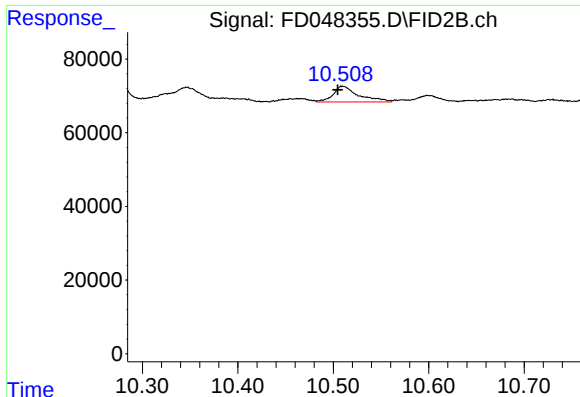
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: 0.025 min
Response: 215026
Conc: 1.21 ug/ml



#8 Flouorene (C16.55)

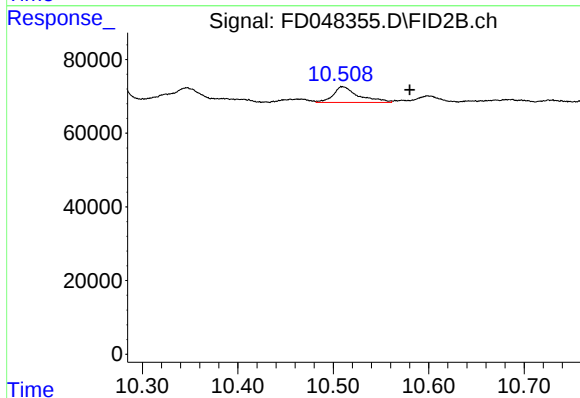
R.T.: 9.137 min
Delta R.T.: 0.019 min
Response: 198744
Conc: 1.19 ug/ml



#9 Phenanthrene (C19.36)

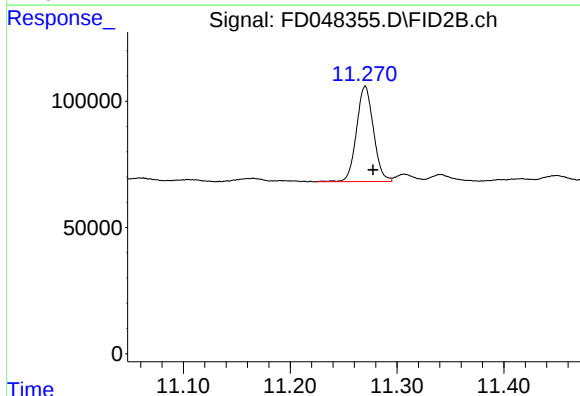
R.T.: 10.510 min
Delta R.T.: 0.006 min
Response: 78626
Conc: 0.49 ug/ml

Instrument :
FID_D
ClientSampleId :



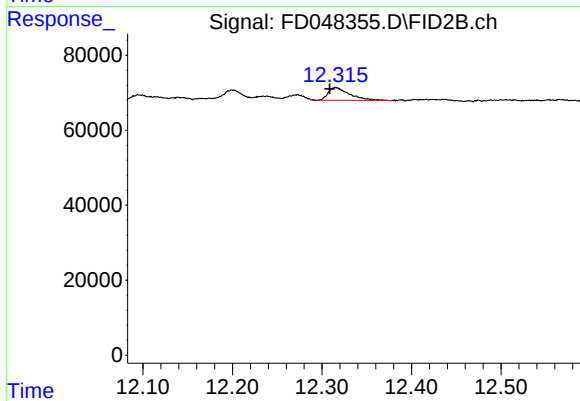
#10 Anthracene (C19.43)

R.T.: 10.510 min
Delta R.T.: -0.070 min
Response: 78626
Conc: 0.49 ug/ml



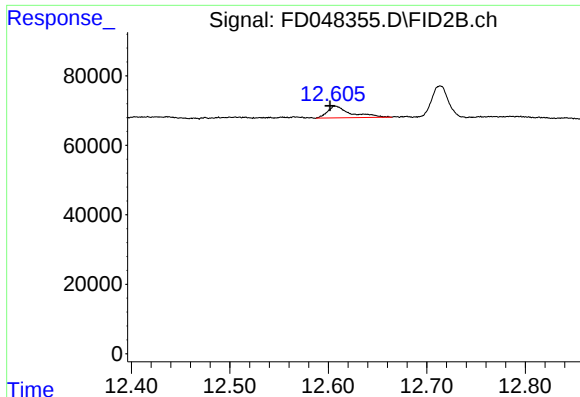
#11 ortho-Terphenyl (SURR)

R.T.: 11.270 min
Delta R.T.: -0.007 min
Response: 415889
Conc: 2.42 ug/ml



#12 Fluoranthene (C21.85)

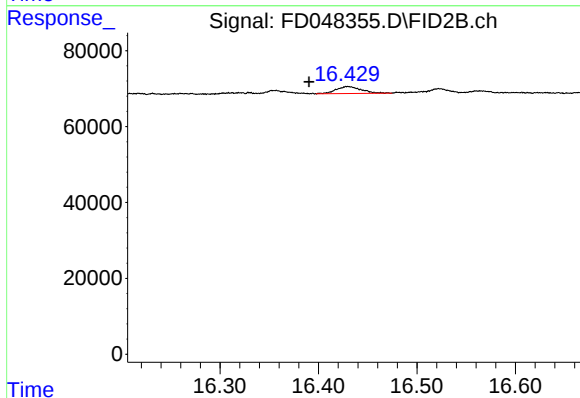
R.T.: 12.315 min
Delta R.T.: 0.007 min
Response: 57062
Conc: 0.35 ug/ml



#13 Pyrene (C20.8)

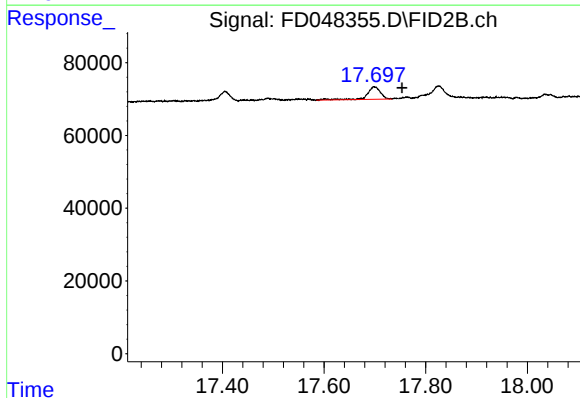
R.T.: 12.608 min
Delta R.T.: 0.006 min
Response: 54332
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



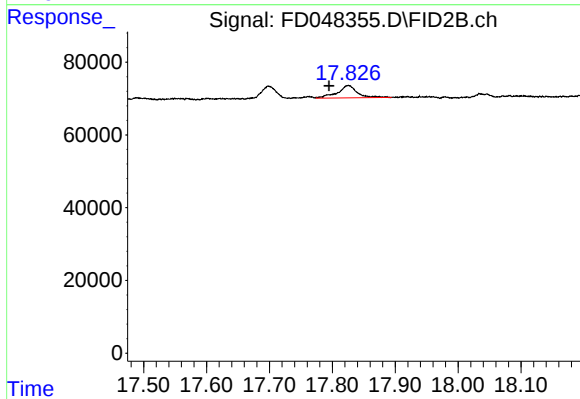
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: 0.040 min
Response: 32400
Conc: 0.22 ug/ml



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

R.T.: 17.699 min
Delta R.T.: -0.054 min
Response: 63558
Conc: 0.56 ug/ml



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

R.T.: 17.825 min
Delta R.T.: 0.031 min
Response: 73836
Conc: 0.48 ug/ml