

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050423AR\
 Data File : FD045584.D
 Signal(s) : FID2B.ch
 Acq On : 04 May 2023 11:57
 Operator : YP/AJ
 Sample : 02500-17DL2 10X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:35:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 2023
 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...	7.546	1278729	8.845 ug/ml
Spiked Amount 50.000		Recovery =	17.69%
6) S 2-Fluorobiphenyl (SURR)	8.400	898640	9.637 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.27%
11) S ortho-Terphenyl (SURR)	11.438	780918	4.363 ug/ml
Spiked Amount 50.000		Recovery =	8.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	337831	2.016 ug/ml
2) T Naphthalene (C11.7)	5.888	101261	0.592 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	925341	5.469 ug/ml
5) T Acenaphthylene (C15.06)	8.205	391187	2.586 ug/ml
7) T Acenaphthene (C15.5)	8.491	514769	3.175 ug/ml
8) T Fluorene (C16.55)	9.272	111919	0.727 ug/ml
9) T Phenanthrene (C19.36)	10.666	139841	0.937 ug/ml
10) T Anthracene (C19.43)	10.752	224959	1.742 ug/ml
12) T Fluoranthene (C21.85)	12.433	223139	1.516 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	38687	0.308 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	38687	0.284 ug/ml

(f)=RT Delta > 1/2 Window

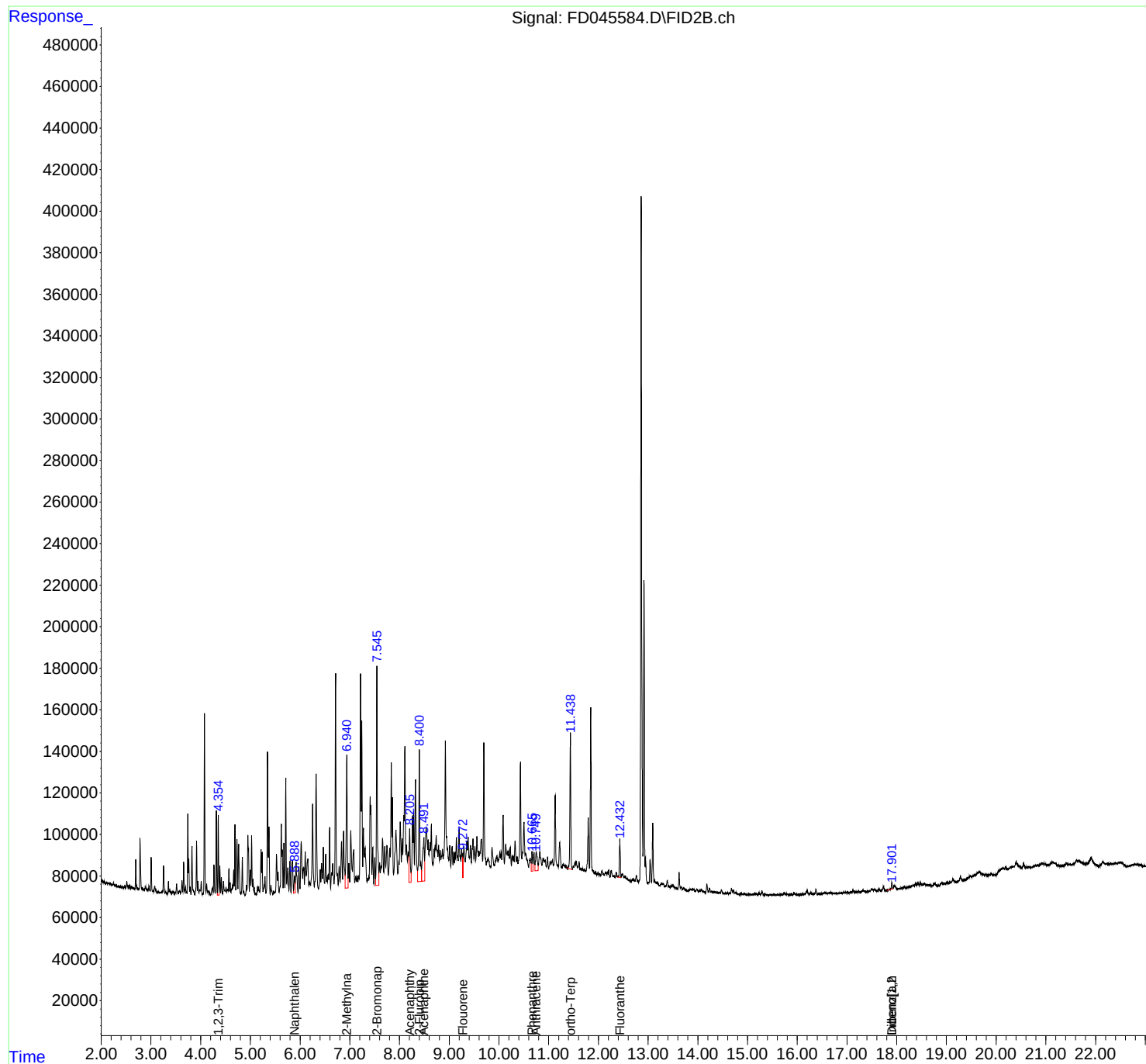
(m)=manual int.

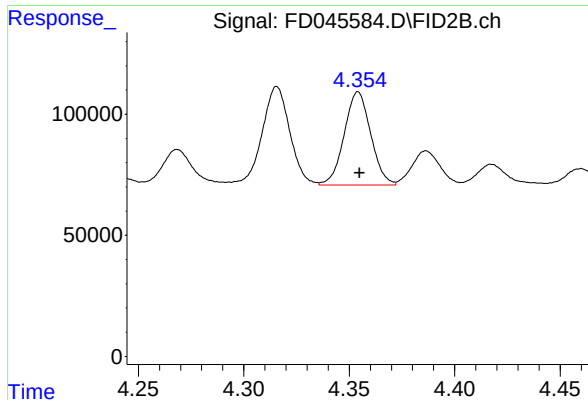
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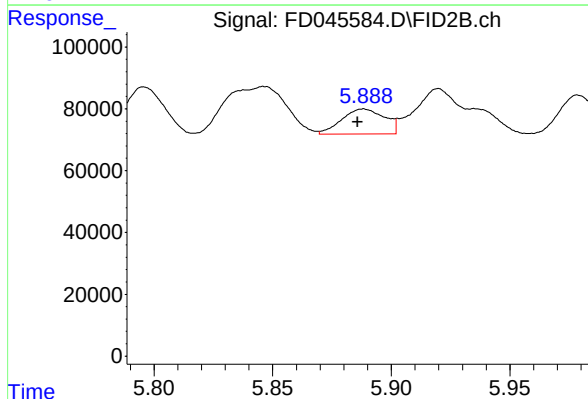




#1 1,2,3-Trimethylbenzene (C10.1)

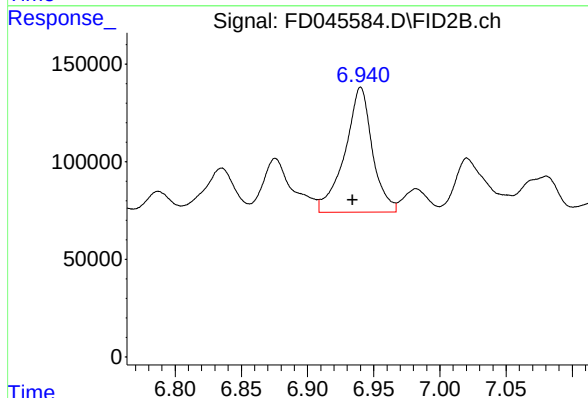
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 337831
Conc: 2.02 ug/ml

Instrument :
FID_D
ClientSampleId :



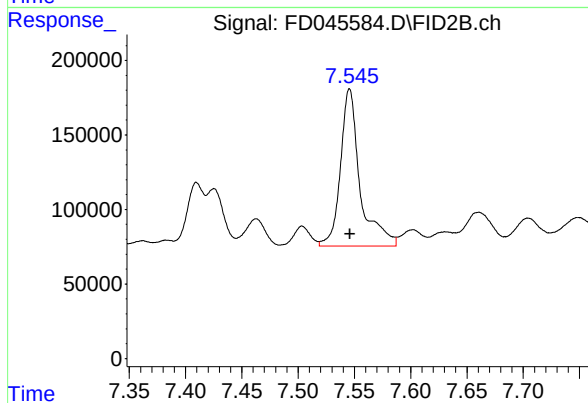
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.003 min
Response: 101261
Conc: 0.59 ug/ml



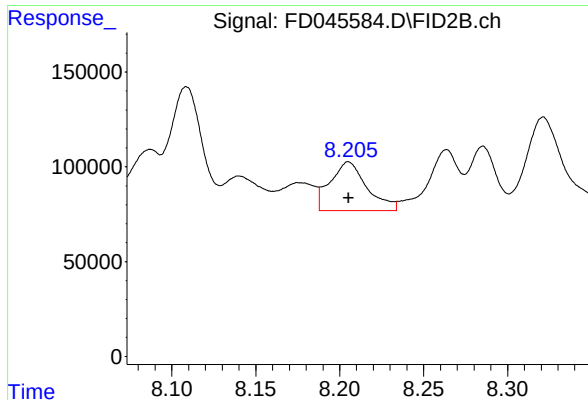
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.006 min
Response: 925341
Conc: 5.47 ug/ml



#4 2-Bromonaphthalene (SURR)

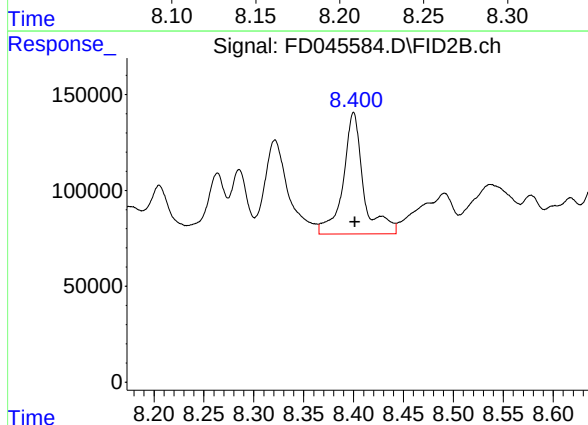
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 1278729
Conc: 8.84 ug/ml



#5 Acenaphthylene (C15.06)

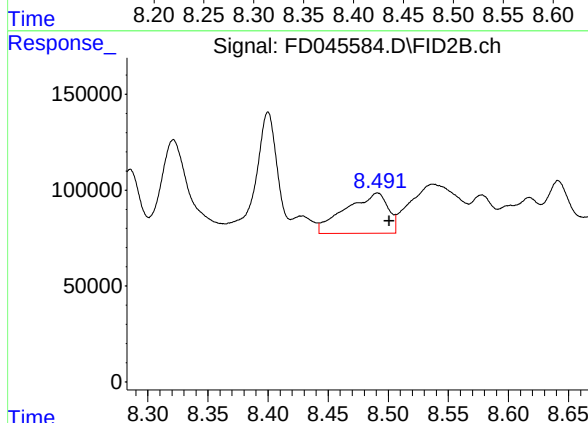
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 391187
Conc: 2.59 ug/ml

Instrument :
FID_D
ClientSampleId :



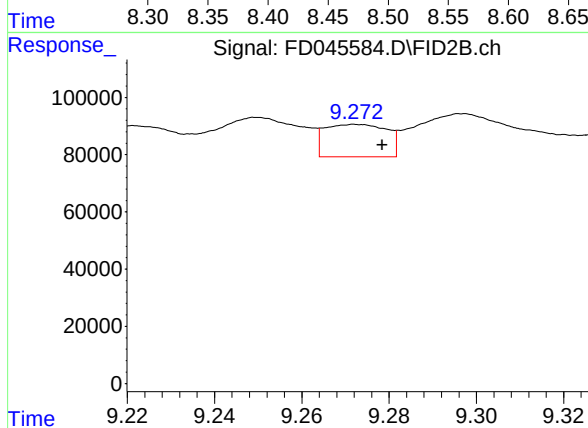
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.001 min
Response: 898640
Conc: 9.64 ug/ml



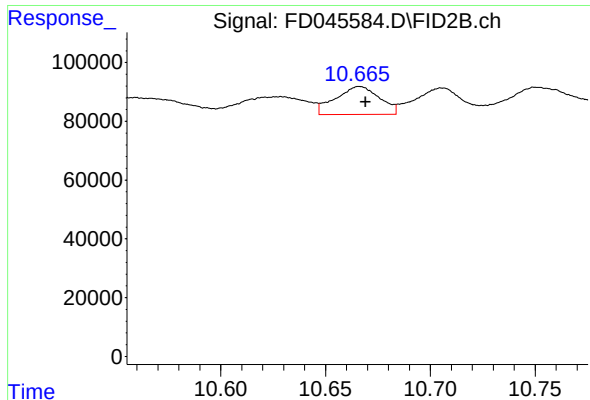
#7 Acenaphthene (C15.5)

R.T.: 8.491 min
Delta R.T.: -0.010 min
Response: 514769
Conc: 3.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.272 min
Delta R.T.: -0.006 min
Response: 111919
Conc: 0.73 ug/ml



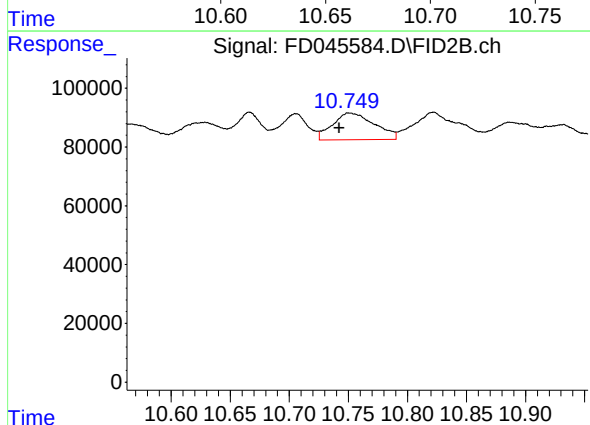
#9 Phenanthrene (C19.36)

R.T.: 10.666 min
Delta R.T.: -0.003 min
Response: 139841
Conc: 0.94 ug/ml

Instrument :

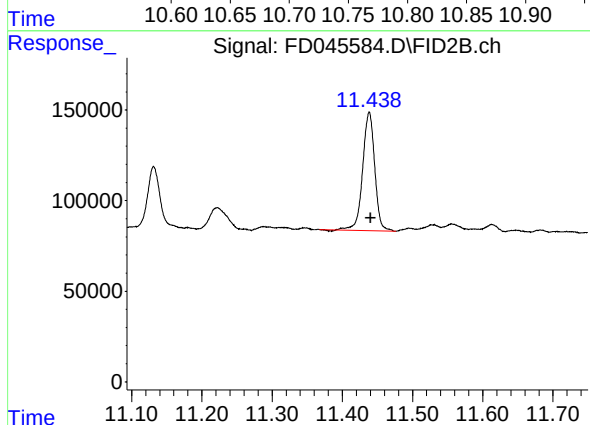
FID_D

ClientSampleId :



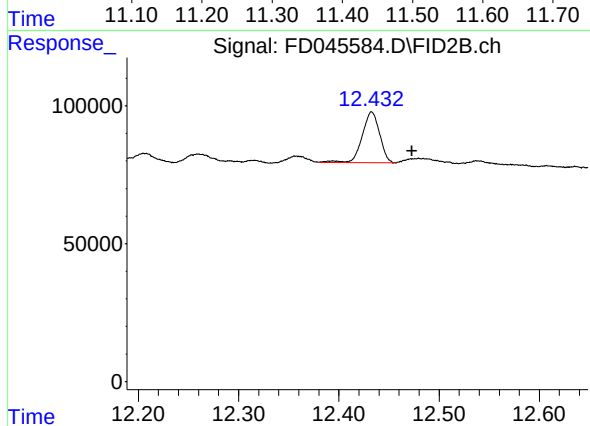
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: 0.009 min
Response: 224959
Conc: 1.74 ug/ml



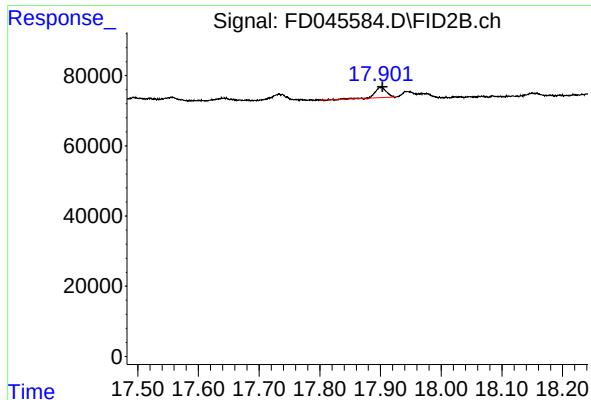
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.002 min
Response: 780918
Conc: 4.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.433 min
Delta R.T.: -0.040 min
Response: 223139
Conc: 1.52 ug/ml



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

R.T.: 17.901 min

Delta R.T.: -0.003 min

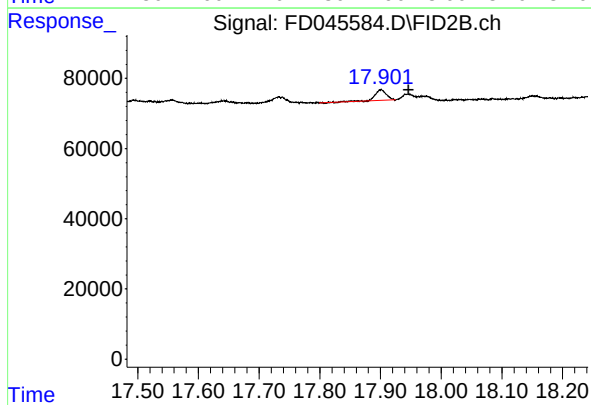
Response: 38687

Conc: 0.31 ug/ml

Instrument :

FID_D

ClientSampleId :



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

R.T.: 17.901 min

Delta R.T.: -0.046 min

Response: 38687

Conc: 0.28 ug/ml