

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046853.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 02:15
 Operator : YP/AJ
 Sample : 05251-09
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:02:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.485	9171160	50.288 ug/ml
Spiked Amount 50.000		Recovery =	100.58%
6) S 2-Fluorobiphenyl (SURR)	8.337	5170698	43.938 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.88%
11) S ortho-Terphenyl (SURR)	11.377	9075433	42.858 ug/ml
Spiked Amount 50.000		Recovery =	85.72%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	108985	0.542 ug/ml
7) T Acenaphthene (C15.5)	8.395	39224	0.200 ug/ml
8) T Fluorene (C16.55)	9.226	39013	0.211 ug/ml
14) T Benzo[a]anthracene (C...	14.617	77024	0.547 ug/ml
15) T Chrysene (C27.41)	14.617	77024	0.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	359479	2.846 ug/ml
20) T Dibenz[a,h]anthracene...	17.907	67605	0.484 ug/ml

(f)=RT Delta > 1/2 Window

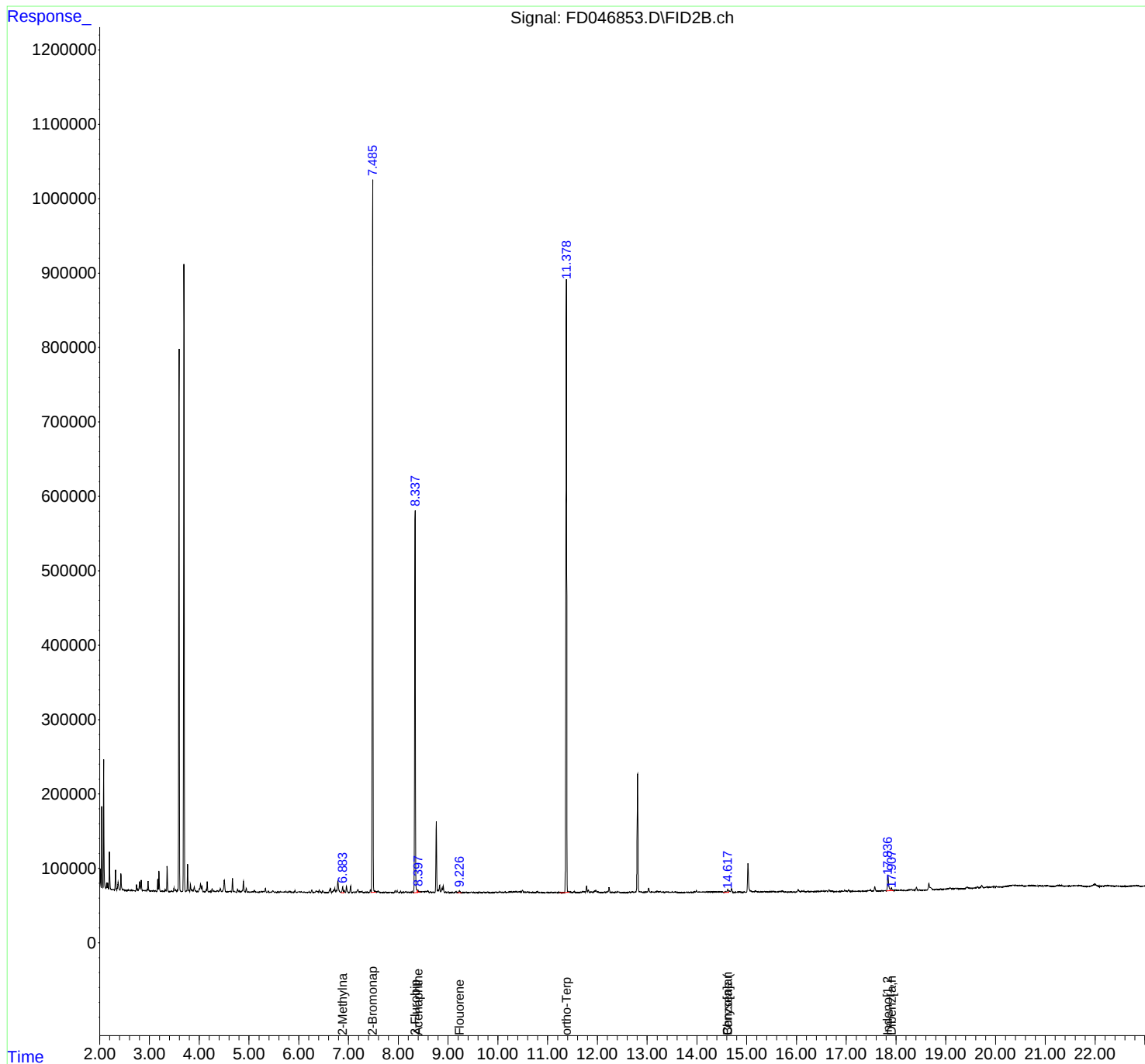
(m)=manual int.

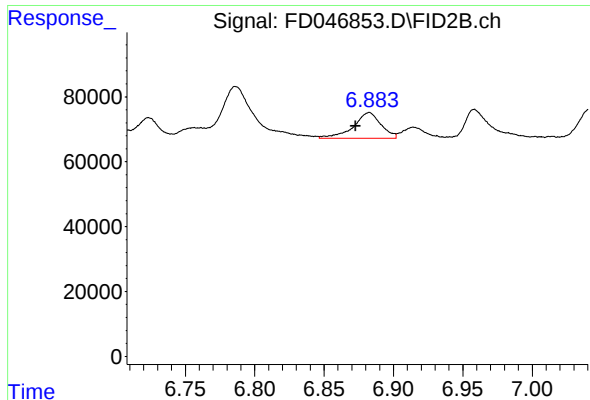
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Signal Info : 20M x 0.18mm x 0.18µm

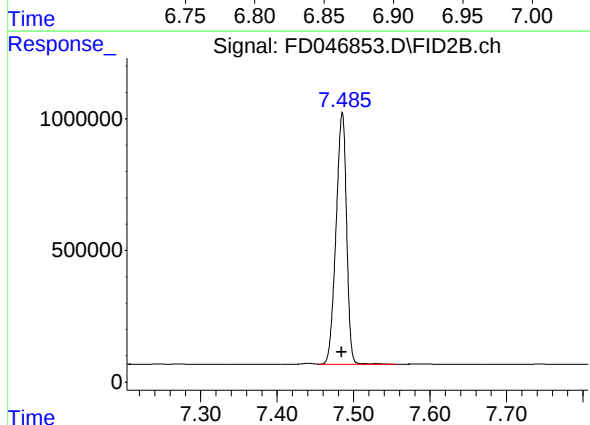




#3 2-Methylnaphthalene (C12.89)

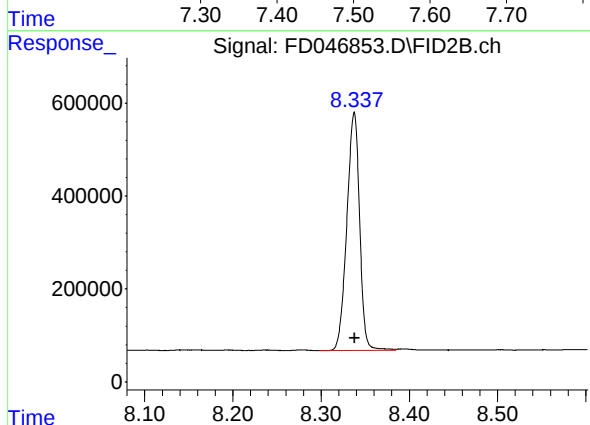
R.T.: 6.882 min
Delta R.T.: 0.010 min
Response: 108985
Conc: 0.54 ug/ml

Instrument :
FID_D
ClientSampleId :



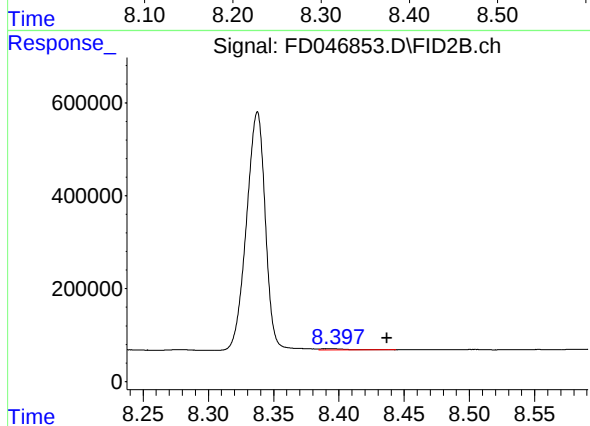
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 9171160
Conc: 50.29 ug/ml



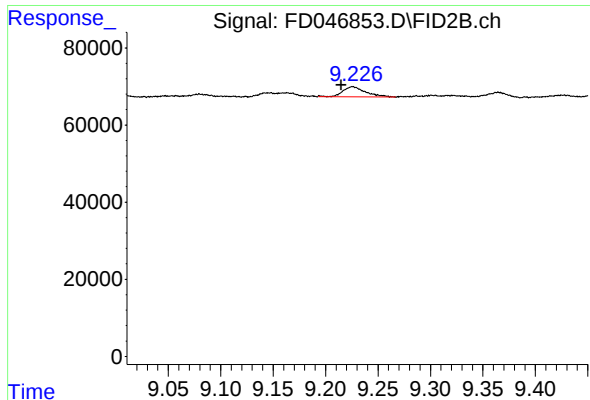
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 5170698
Conc: 43.94 ug/ml



#7 Acenaphthene (C15.5)

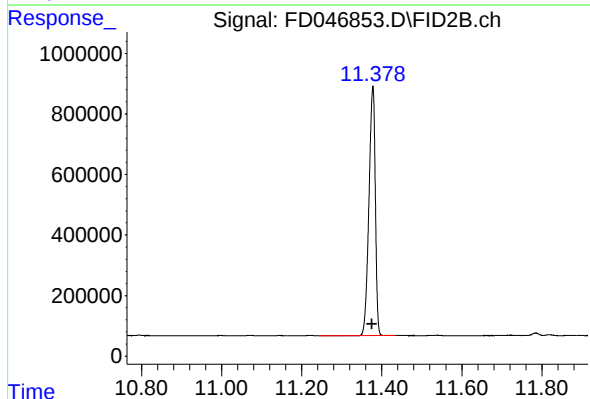
R.T.: 8.395 min
Delta R.T.: -0.042 min
Response: 39224
Conc: 0.20 ug/ml



#8 Flouorene (C16.55)

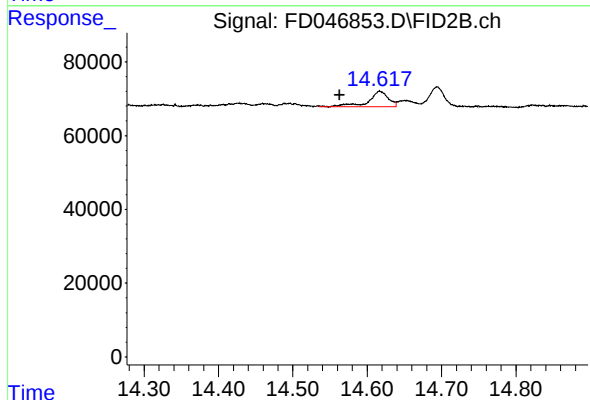
R.T.: 9.226 min
Delta R.T.: 0.011 min
Response: 39013
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



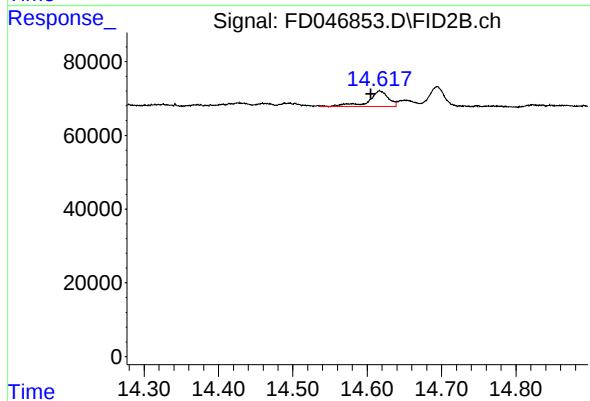
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: 0.002 min
Response: 9075433
Conc: 42.86 ug/ml



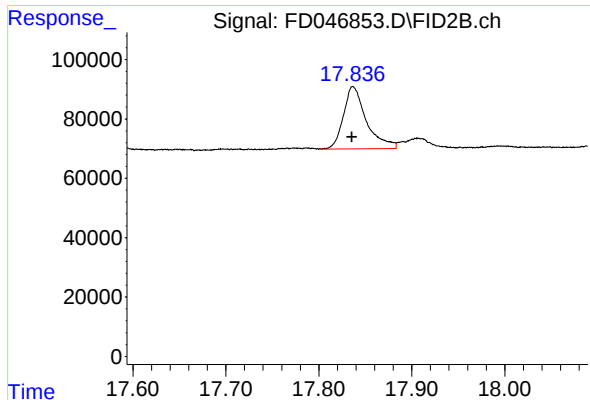
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.617 min
Delta R.T.: 0.054 min
Response: 77024
Conc: 0.55 ug/ml



#15 Chrysene (C27.41)

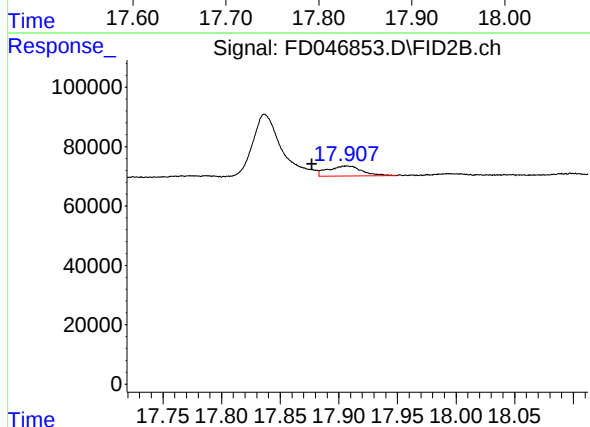
R.T.: 14.617 min
Delta R.T.: 0.012 min
Response: 77024
Conc: 0.49 ug/ml



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

R.T.: 17.837 min
Delta R.T.: 0.001 min
Response: 359479
Conc: 2.85 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.907 min
Delta R.T.: 0.030 min
Response: 67605
Conc: 0.48 ug/ml