

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092523AR\
 Data File : FD046572.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2023 18:28
 Operator : YP/AJ
 Sample : 04574-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 26 00:16:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.493	10570131	59.980 ug/ml
Spiked Amount 50.000		Recovery =	119.96%
6) S 2-Fluorobiphenyl (SURR)	8.347	6996875	60.391 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.78%
11) S ortho-Terphenyl (SURR)	11.386	11095061	54.460 ug/ml
Spiked Amount 50.000		Recovery =	108.92%
Target Compounds			
2) T Naphthalene (C11.7)	5.835	25425	0.132 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	55602	0.287 ug/ml
7) T Acenaphthene (C15.5)	8.403	28737	0.153 ug/ml
14) T Benzo[a]anthracene (C...	14.628	57250	0.410 ug/ml
15) T Chrysene (C27.41)	14.628	57250	0.377 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.857	32362	0.258 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	102685	0.772 ug/ml

(f)=RT Delta > 1/2 Window

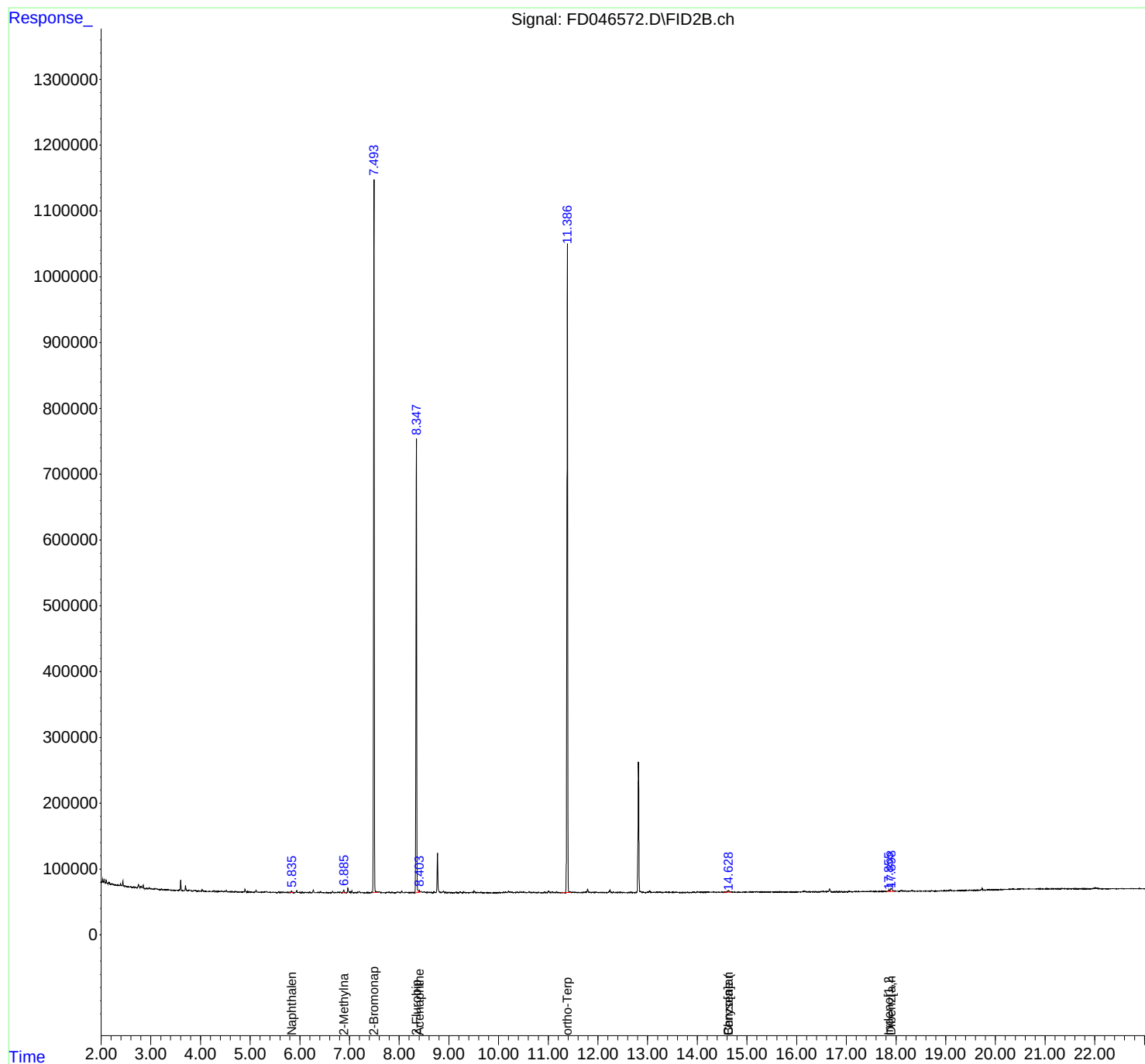
(m)=manual int.

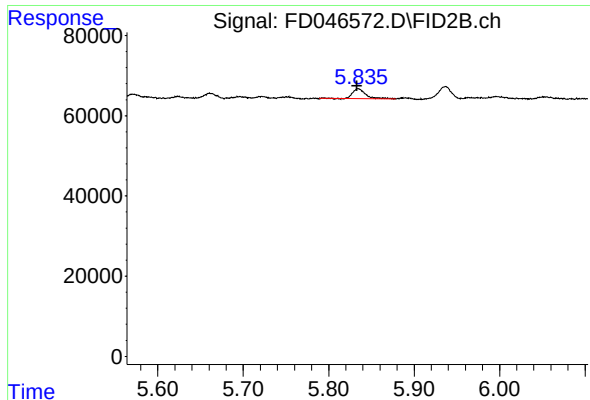
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

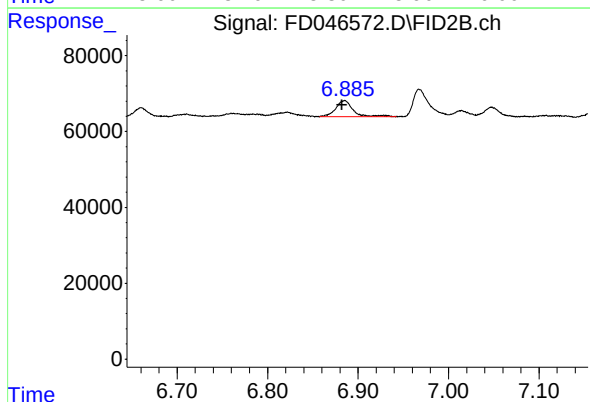




#2 Naphthalene (C11.7)

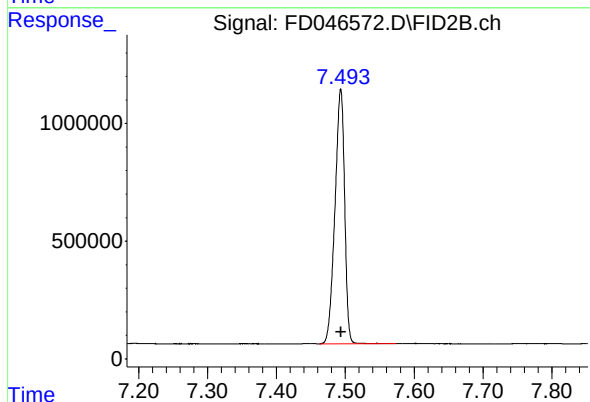
R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 25425
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



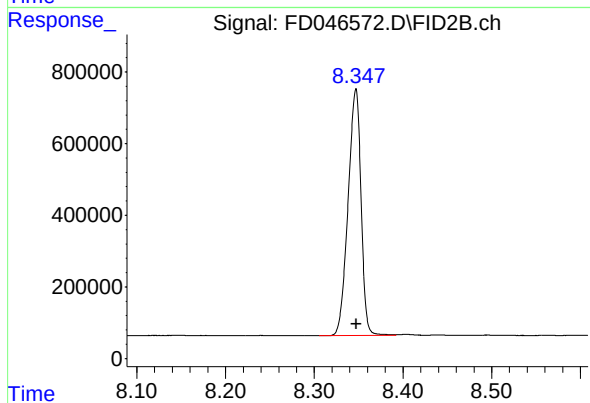
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: 0.003 min
Response: 55602
Conc: 0.29 ug/ml



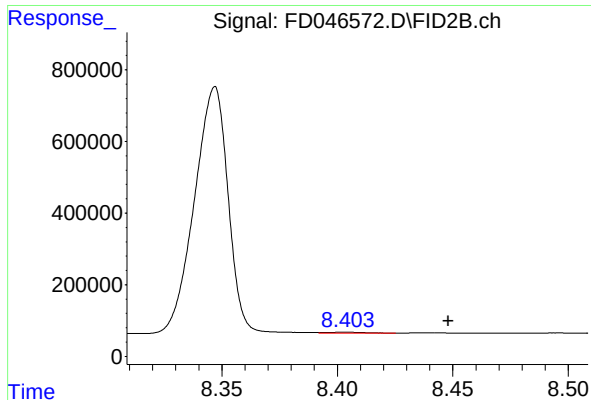
#4 2-Bromonaphthalene (SURR)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 10570131
Conc: 59.98 ug/ml



#6 2-Fluorobiphenyl (SURR)

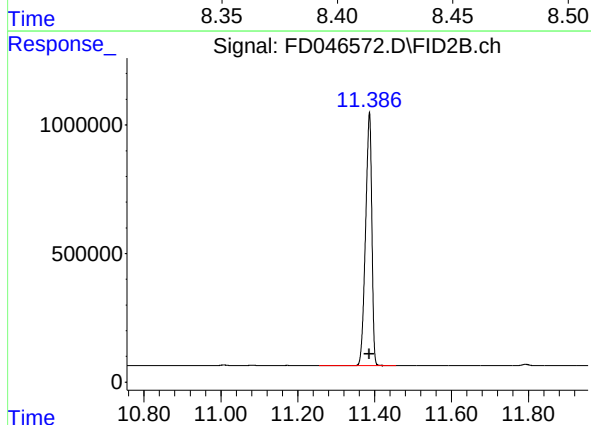
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 6996875
Conc: 60.39 ug/ml



#7 Acenaphthene (C15.5)

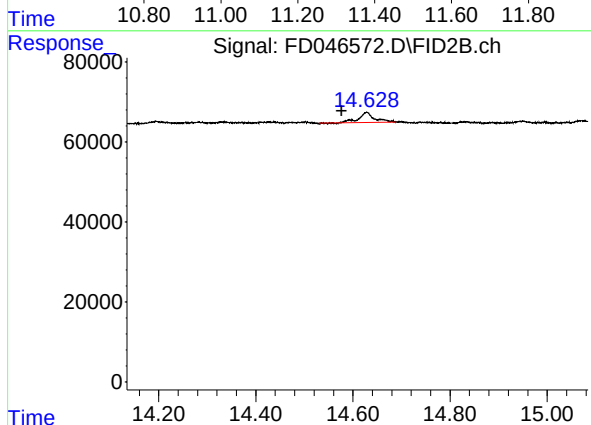
R.T.: 8.403 min
Delta R.T.: -0.045 min
Response: 28737
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



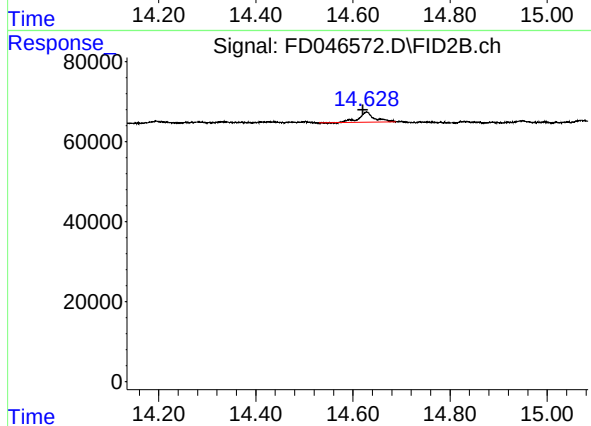
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 11095061
Conc: 54.46 ug/ml



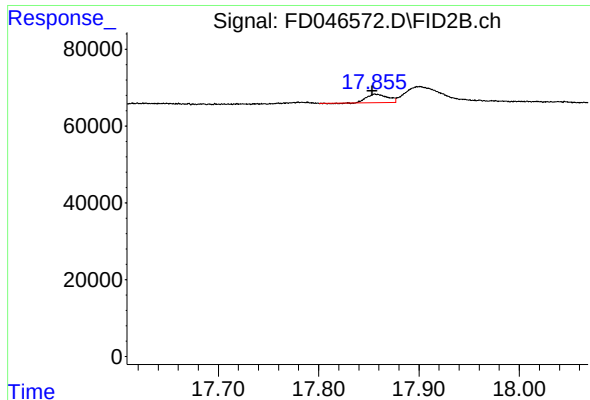
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: 0.051 min
Response: 57250
Conc: 0.41 ug/ml



#15 Chrysene (C27.41)

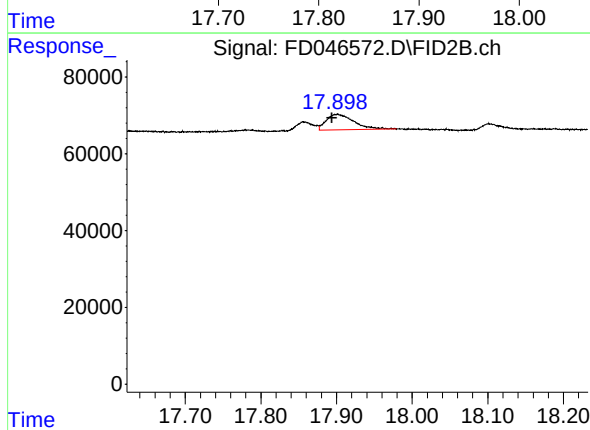
R.T.: 14.628 min
Delta R.T.: 0.007 min
Response: 57250
Conc: 0.38 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.004 min
Response: 32362
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.901 min
Delta R.T.: 0.006 min
Response: 102685
Conc: 0.77 ug/ml