

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046759.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2023 05:55
 Operator : YP/AJ
 Sample : 04846-01
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 14 07:03:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.490	8854665	47.700 ug/ml
Spiked Amount 50.000		Recovery =	95.40%
6) S 2-Fluorobiphenyl (SURR)	8.343	5867140	48.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.85%
11) S ortho-Terphenyl (SURR)	11.383	10429970	48.208 ug/ml
Spiked Amount 50.000		Recovery =	96.42%
Target Compounds			
2) T Naphthalene (C11.7)	5.830	39601	0.196 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	321216	1.573 ug/ml
5) T Acenaphthylene (C15.06)	8.123	718956	3.895 ug/ml
7) T Acenaphthene (C15.5)	8.433	179184	0.901 ug/ml
8) T Flouorene (C16.55)	9.213	181089	0.951 ug/ml
9) T Phenanthrene (C19.36)	10.604	583856	3.168 ug/ml
10) T Anthracene (C19.43)	10.701	350689	2.682 ug/ml
12) T Fluoranthene (C21.85)	12.407	268552	1.474 ug/ml
13) T Pyrene (C20.8)	12.702	139814	0.797 ug/ml
14) T Benzo[a]anthracene (C...	14.622	127089	0.868 ug/ml
15) T Chrysene (C27.41)	14.622	127089	0.790 ug/ml

(f)=RT Delta > 1/2 Window

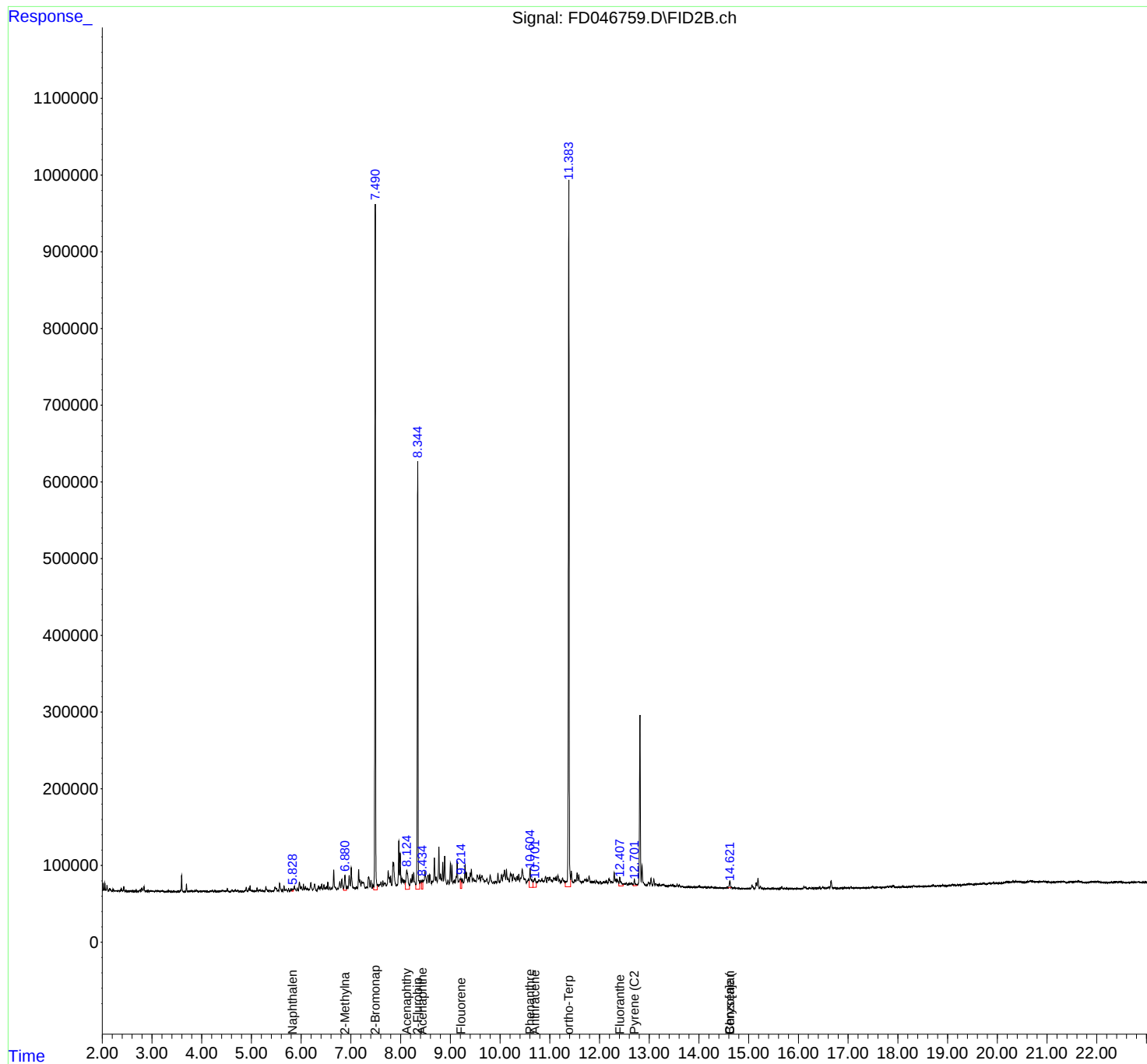
(m)=manual int.

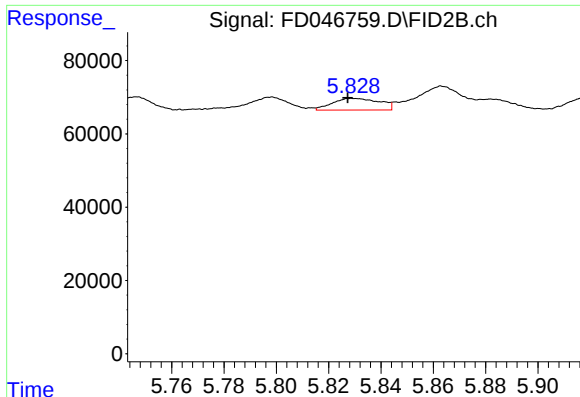
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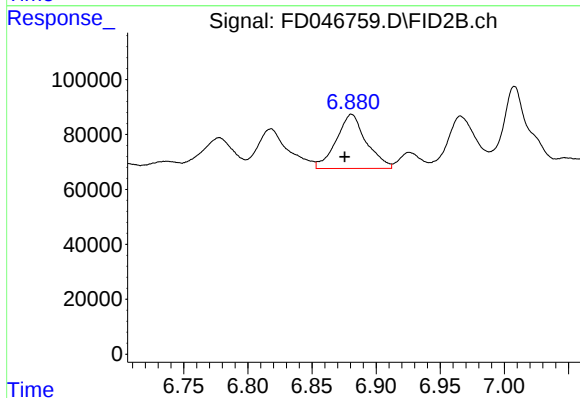




#2 Naphthalene (C11.7)

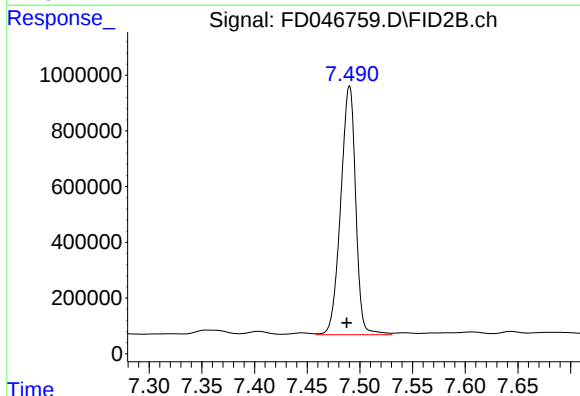
R.T.: 5.830 min
Delta R.T.: 0.003 min
Response: 39601
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



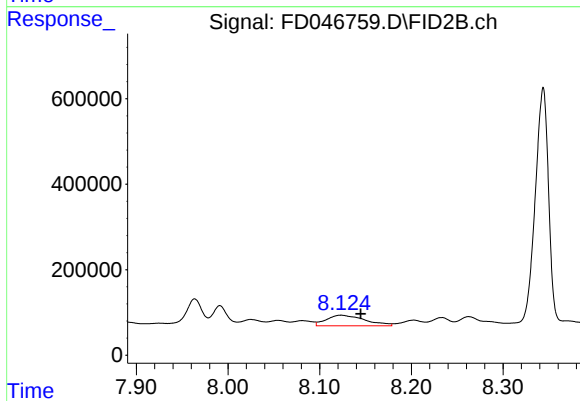
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: 0.005 min
Response: 321216
Conc: 1.57 ug/ml



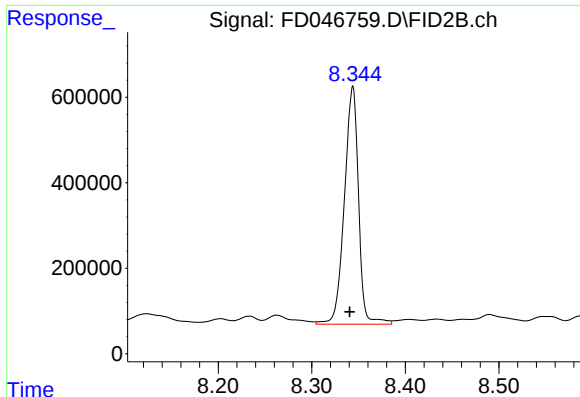
#4 2-Bromonaphthalene (SURR)

R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 8854665
Conc: 47.70 ug/ml



#5 Acenaphthylene (C15.06)

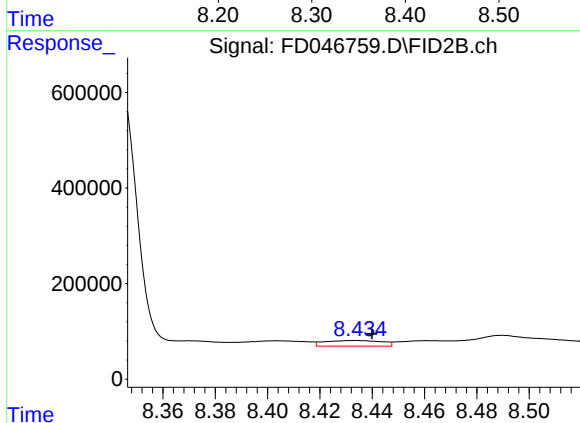
R.T.: 8.123 min
Delta R.T.: -0.021 min
Response: 718956
Conc: 3.89 ug/ml



#6 2-Fluorobiphenyl (SURR)

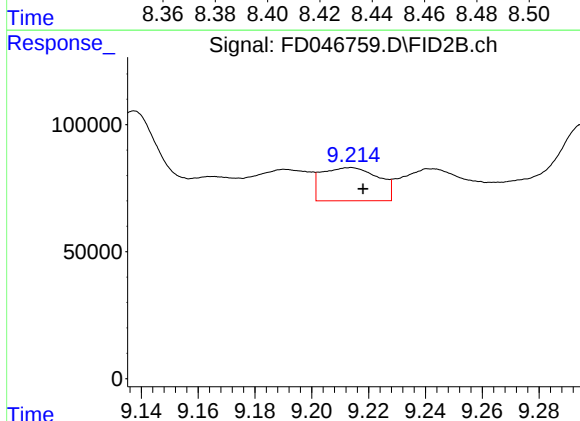
R.T.: 8.343 min
Delta R.T.: 0.003 min
Response: 5867140
Conc: 48.42 ug/ml

Instrument :
FID_D
ClientSampleId :



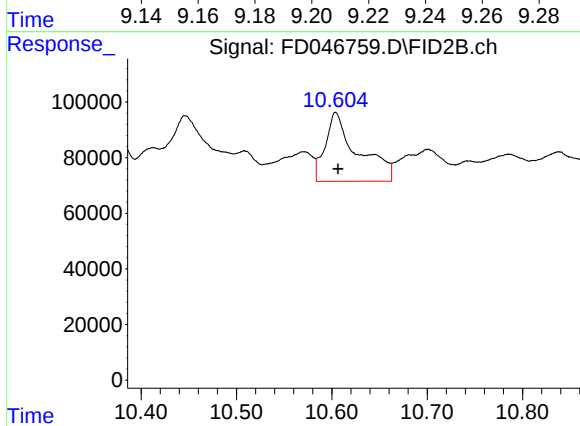
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.007 min
Response: 179184
Conc: 0.90 ug/ml



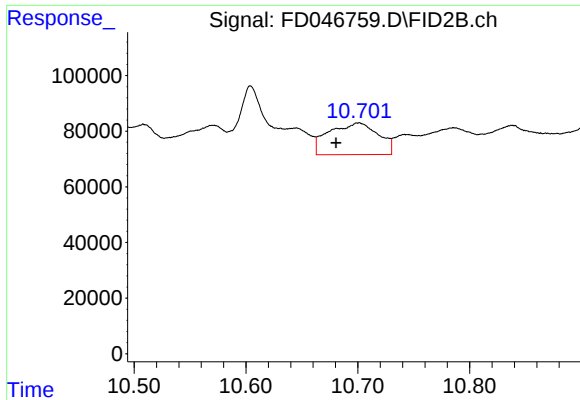
#8 Flouorene (C16.55)

R.T.: 9.213 min
Delta R.T.: -0.005 min
Response: 181089
Conc: 0.95 ug/ml



#9 Phenanthrene (C19.36)

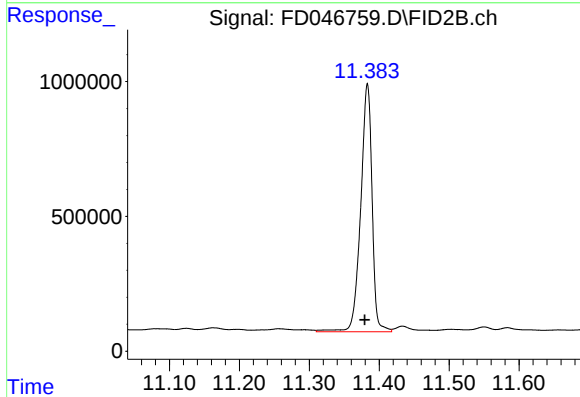
R.T.: 10.604 min
Delta R.T.: -0.002 min
Response: 583856
Conc: 3.17 ug/ml



#10 Anthracene (C19.43)

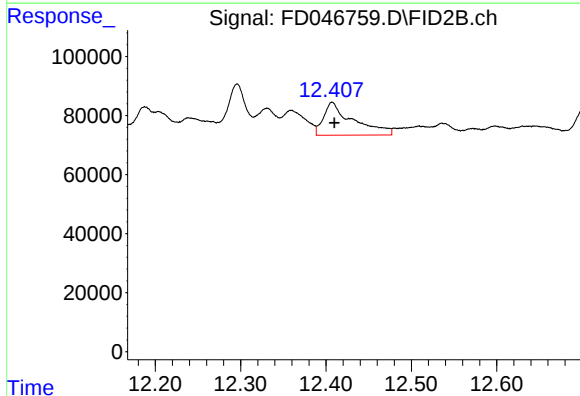
R.T.: 10.701 min
Delta R.T.: 0.021 min
Response: 350689
Conc: 2.68 ug/ml

Instrument :
FID_D
ClientSampleId :



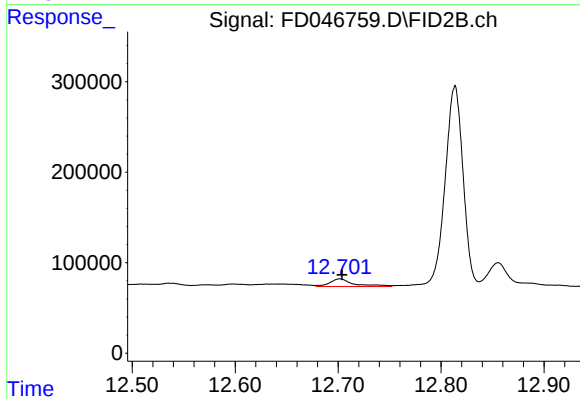
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: 0.004 min
Response: 10429970
Conc: 48.21 ug/ml



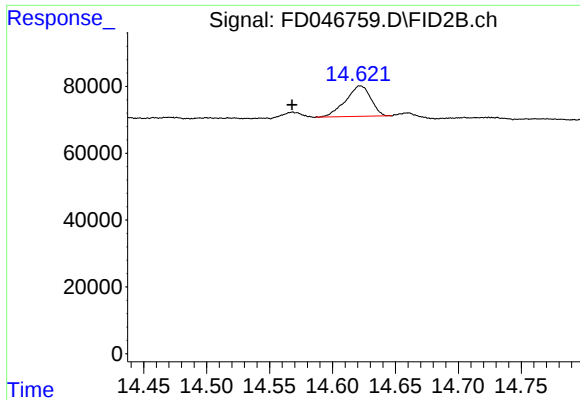
#12 Fluoranthene (C21.85)

R.T.: 12.407 min
Delta R.T.: -0.003 min
Response: 268552
Conc: 1.47 ug/ml



#13 Pyrene (C20.8)

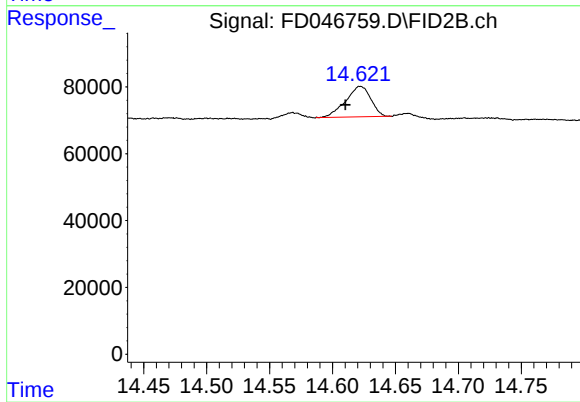
R.T.: 12.702 min
Delta R.T.: -0.002 min
Response: 139814
Conc: 0.80 ug/ml



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

R.T.: 14.622 min
Delta R.T.: 0.054 min
Response: 127089
Conc: 0.87 ug/ml

Instrument :
FID_D
ClientSampleId :



#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.012 min
Response: 127089
Conc: 0.79 ug/ml