

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044606.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 16:20
 Operator : YP/AJ
 Sample : N5880-01DL 10X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 06 17:10:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.678	1129711	8.705 ug/ml
Spiked Amount 50.000		Recovery =	17.41%
6) S 2-Fluorobiphenyl (SURR)	8.533	774018	8.764 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.53%
11) S ortho-Terphenyl (SURR)	11.562	995718	6.118 ug/ml
Spiked Amount 50.000		Recovery =	12.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	493548	3.459 ug/ml
2) T Naphthalene (C11.7)	6.025	297891	1.981 ug/ml
3) T 2-Methylnaphthalene (...)	7.071	4323352	28.614 ug/ml
5) T Acenaphthylene (C15.06)	8.319	1744971	12.552 ug/ml
7) T Acenaphthene (C15.5)	8.647	704287	4.799 ug/ml
8) T Fluorene (C16.55)	9.410	183856	1.275 ug/ml
9) T Phenanthrene (C19.36)	10.797	727694	5.103 ug/ml
10) T Anthracene (C19.43)	10.879	344228	2.478 ug/ml
12) T Fluoranthene (C21.85)	12.597	547868	3.843 ug/ml
13) T Pyrene (C20.8)	12.891	234214	1.683 ug/ml
14) T Benzo[a]anthracene (C...	14.825f	52560	0.406 ug/ml
15) T Chrysene (C27.41)	14.825	52560	0.390 ug/ml

(f)=RT Delta > 1/2 Window

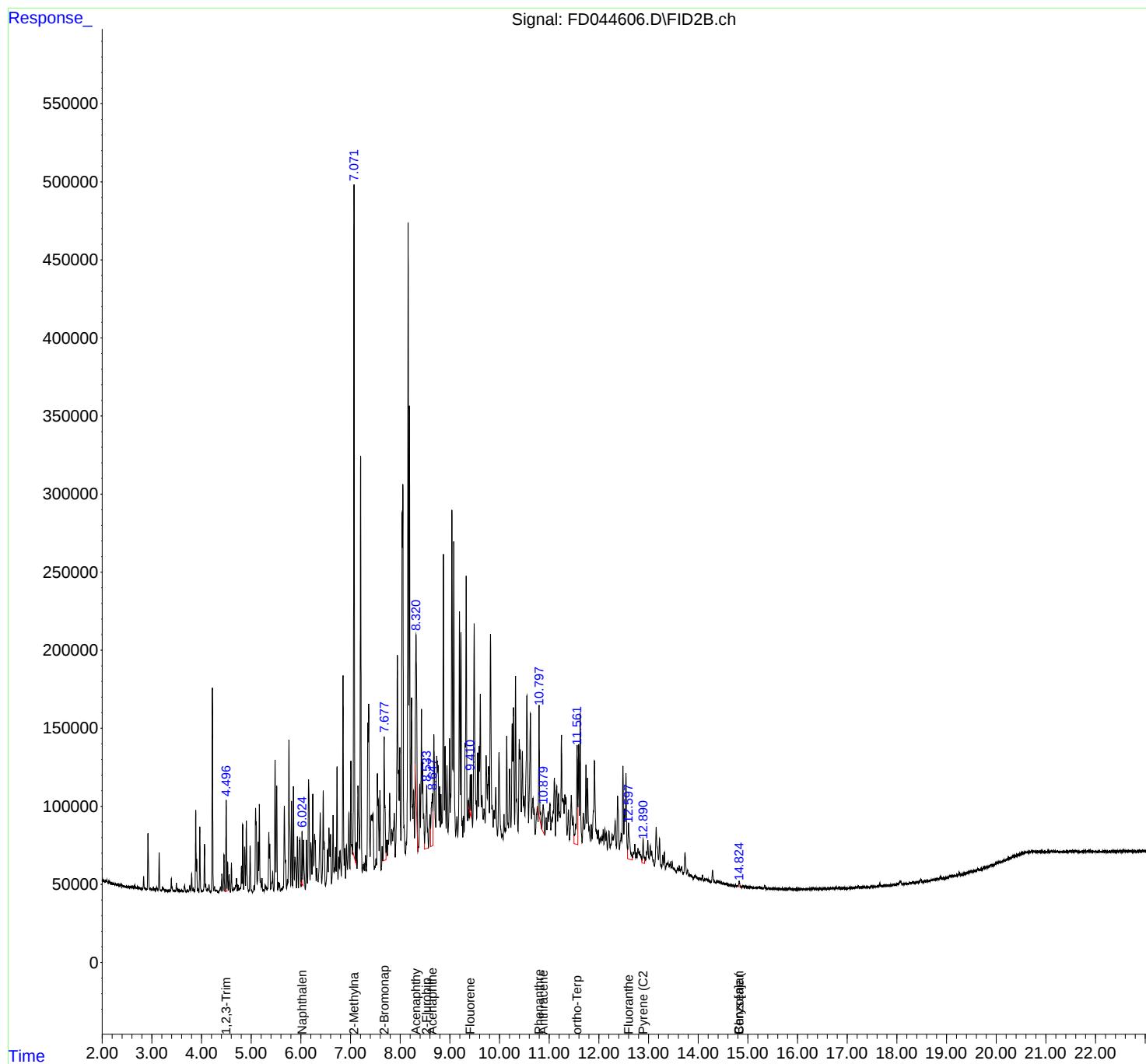
(m)=manual int.

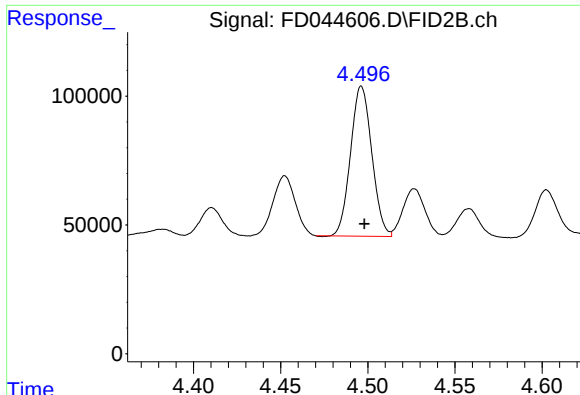
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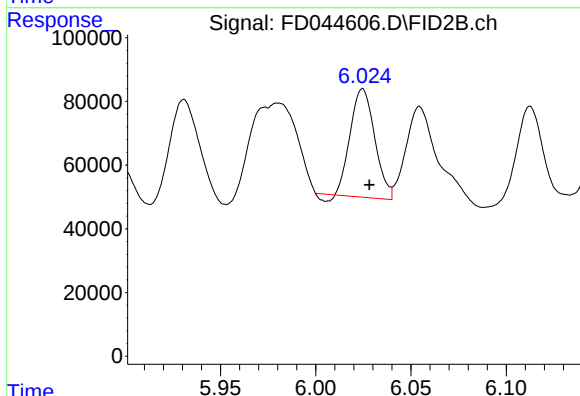




#1 1,2,3-Trimethylbenzene (C10.1)

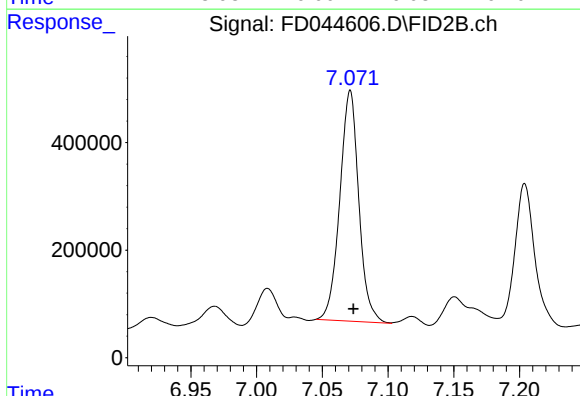
R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 493548
Conc: 3.46 ug/ml

Instrument :
FID_D
ClientSampleId :



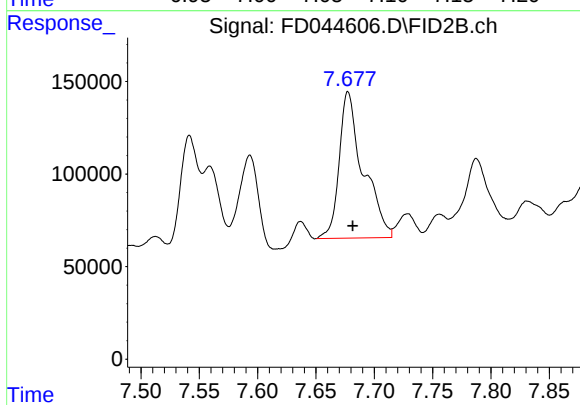
#2 Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.004 min
Response: 297891
Conc: 1.98 ug/ml



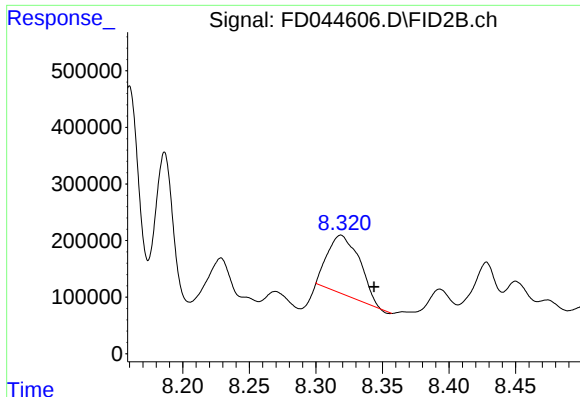
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 4323352
Conc: 28.61 ug/ml



#4 2-Bromonaphthalene (SURR)

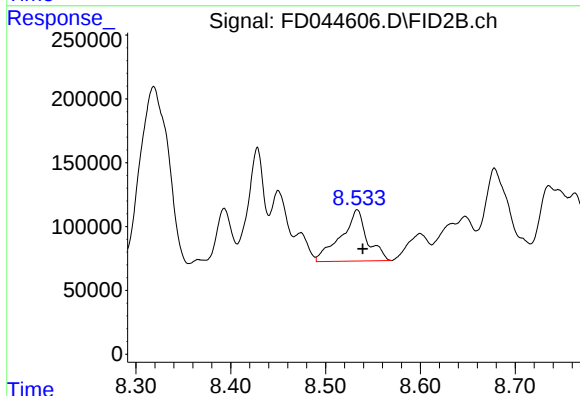
R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 1129711
Conc: 8.70 ug/ml



#5 Acenaphthylene (C15.06)

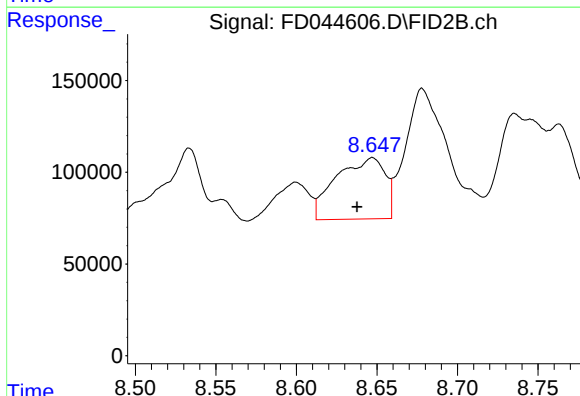
R.T.: 8.319 min
Delta R.T.: -0.025 min
Response: 1744971
Conc: 12.55 ug/ml

Instrument :
FID_D
ClientSampleId :



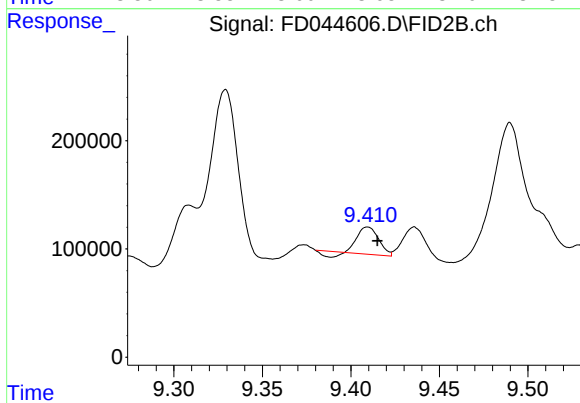
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.533 min
Delta R.T.: -0.006 min
Response: 774018
Conc: 8.76 ug/ml



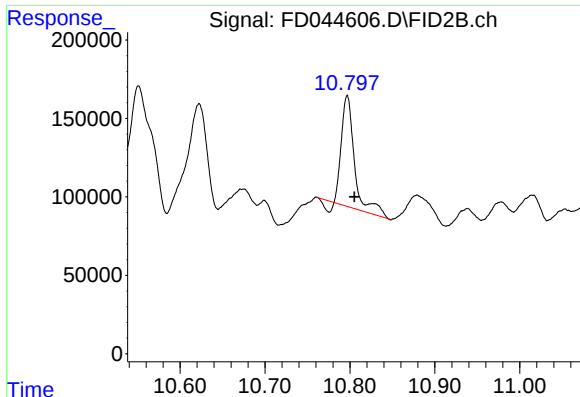
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: 0.009 min
Response: 704287
Conc: 4.80 ug/ml



#8 Flouorene (C16.55)

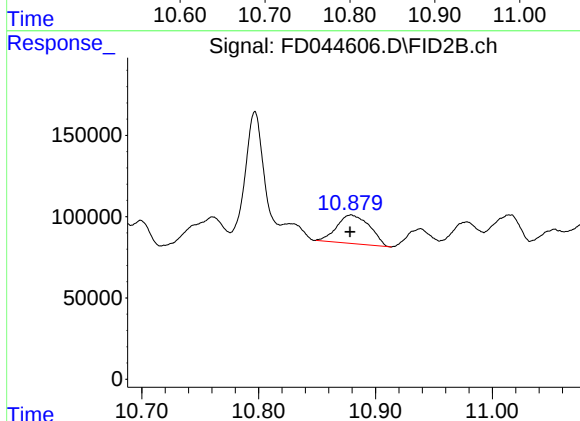
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 183856
Conc: 1.28 ug/ml



#9 Phenanthrene (C19.36)

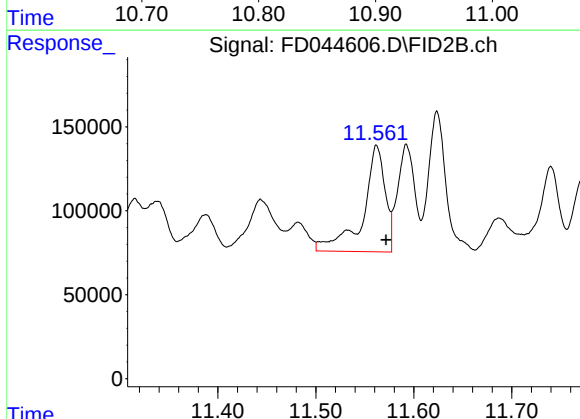
R.T.: 10.797 min
Delta R.T.: -0.009 min
Response: 727694
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :



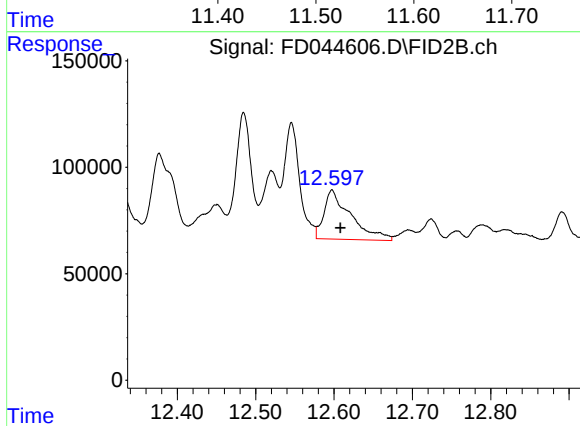
#10 Anthracene (C19.43)

R.T.: 10.879 min
Delta R.T.: 0.000 min
Response: 344228
Conc: 2.48 ug/ml



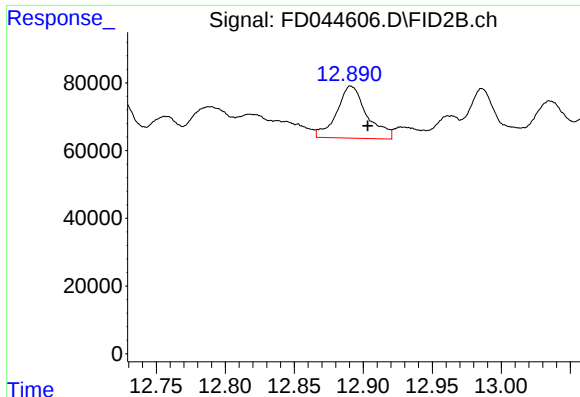
#11 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.010 min
Response: 995718
Conc: 6.12 ug/ml



#12 Fluoranthene (C21.85)

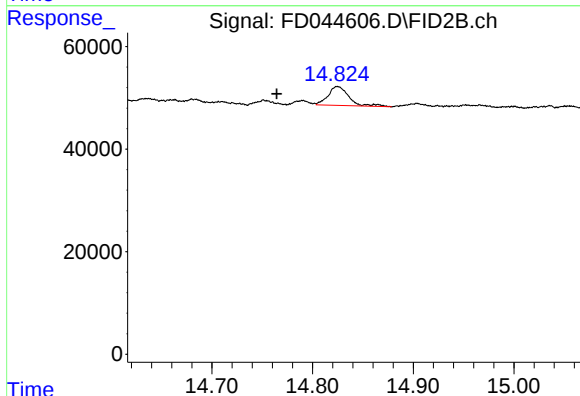
R.T.: 12.597 min
Delta R.T.: -0.011 min
Response: 547868
Conc: 3.84 ug/ml



#13 Pyrene (C20.8)

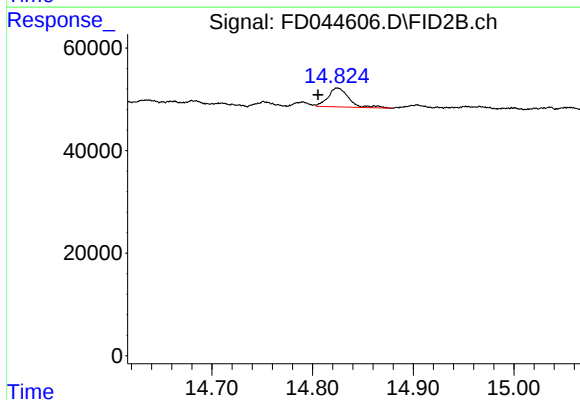
R.T.: 12.891 min
Delta R.T.: -0.012 min
Response: 234214
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 14.825 min
Delta R.T.: 0.061 min
Response: 52560
Conc: 0.41 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: 0.019 min
Response: 52560
Conc: 0.39 ug/ml