

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082323AR\
 Data File : FD046382.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 17:12
 Operator : YP/AJ
 Sample : 04099-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 24 01:07:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.499	7774211	46.032 ug/ml
Spiked Amount 50.000		Recovery =	92.06%
6) S 2-Fluorobiphenyl (SURR)	8.355	9596179	86.227 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	172.45%#
11) S ortho-Terphenyl (SURR)	11.431	58794446	299.776 ug/ml
Spiked Amount 50.000		Recovery =	599.55%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.887	155620	0.838 ug/ml
5) T Acenaphthylene (C15.06)	8.178	1978553	11.626 ug/ml
7) T Acenaphthene (C15.5)	8.471	2002984	11.118 ug/ml
8) T Flouorene (C16.55)	9.264	22068950	126.185 ug/ml
9) T Phenanthrene (C19.36)	10.655	89071273	519.137 ug/ml
10) T Anthracene (C19.43)	10.740	45120884	267.469 ug/ml
12) T Fluoranthene (C21.85)	12.435	31893331	191.702 ug/ml
13) T Pyrene (C20.8)	12.728	38445703	238.536 ug/ml
14) T Benzo[a]anthracene (C...	14.586	7897653	56.136 ug/ml
15) T Chrysene (C27.41)	14.653	8593687	57.935 ug/ml

(f)=RT Delta > 1/2 Window

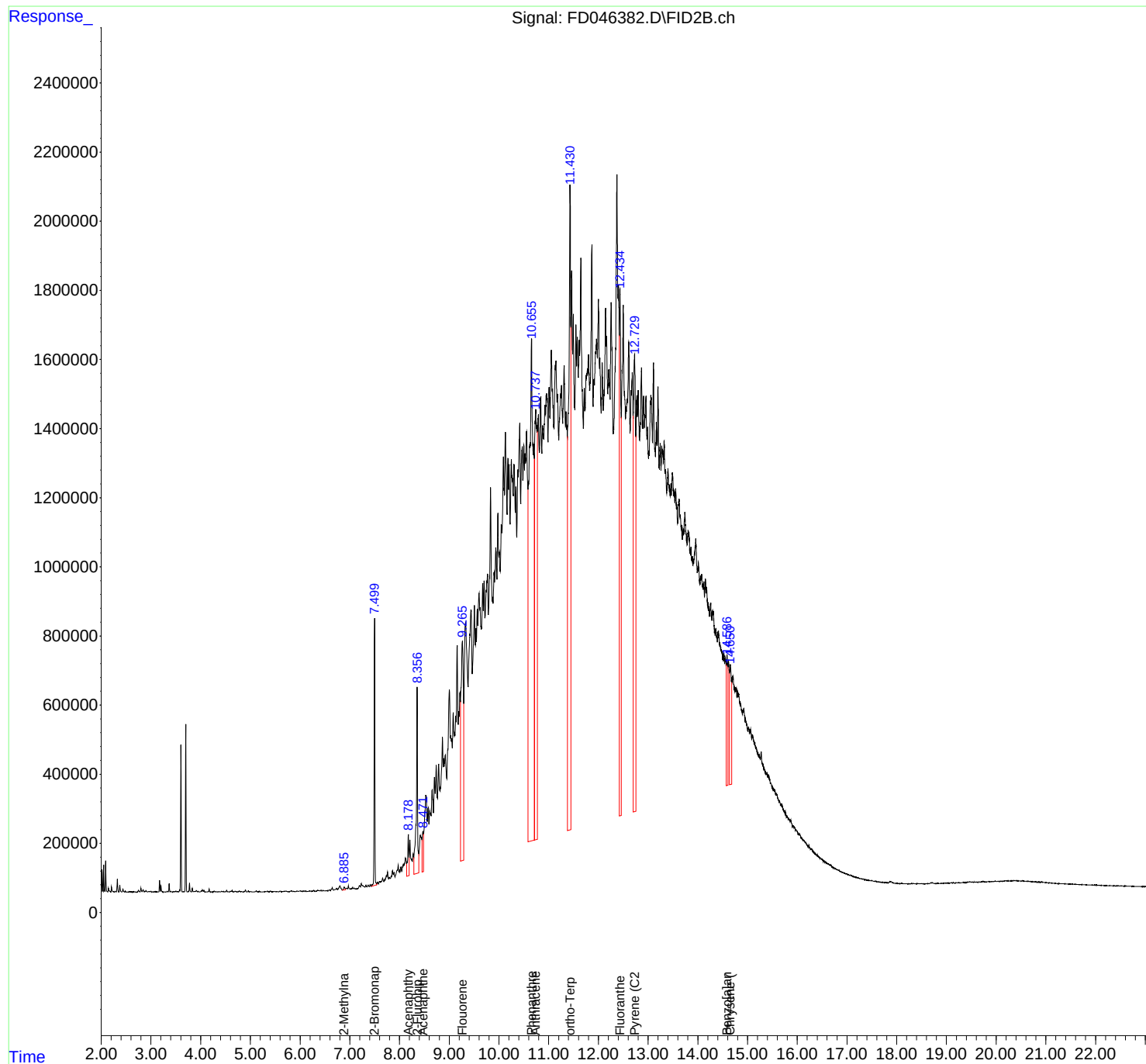
(m)=manual int.

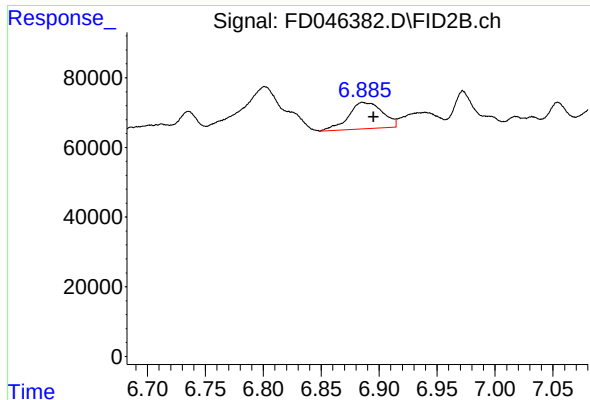
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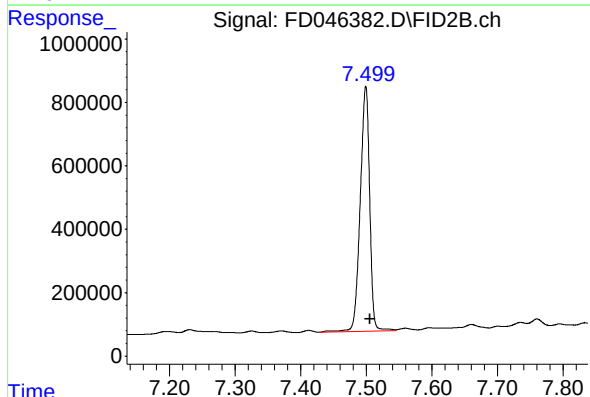




#3 2-Methylnaphthalene (C12.89)

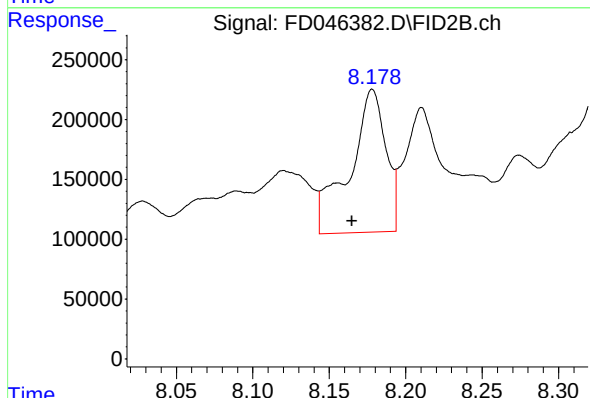
R.T.: 6.887 min
Delta R.T.: -0.008 min
Response: 155620
Conc: 0.84 ug/ml

Instrument :
FID_D
ClientSampleId :



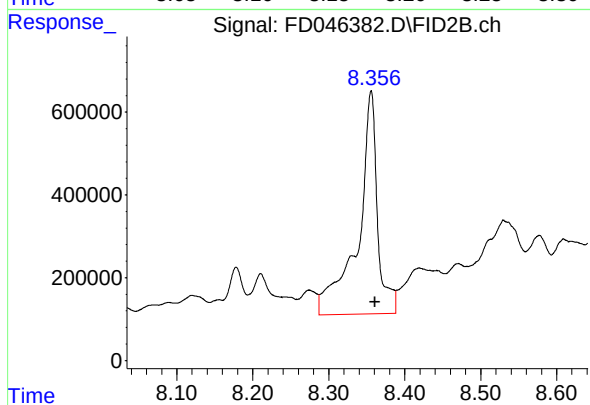
#4 2-Bromonaphthalene (SURR)

R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 7774211
Conc: 46.03 ug/ml



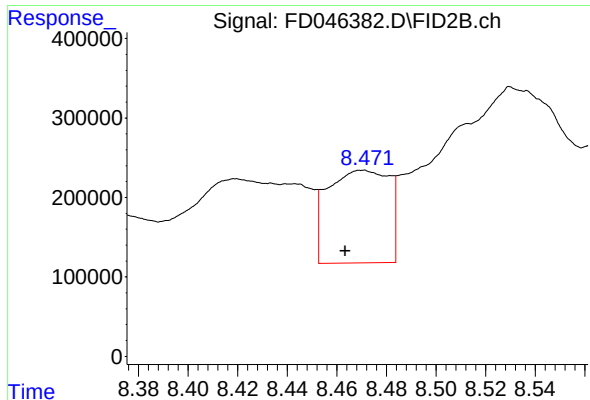
#5 Acenaphthylene (C15.06)

R.T.: 8.178 min
Delta R.T.: 0.013 min
Response: 1978553
Conc: 11.63 ug/ml



#6 2-Fluorobiphenyl (SURR)

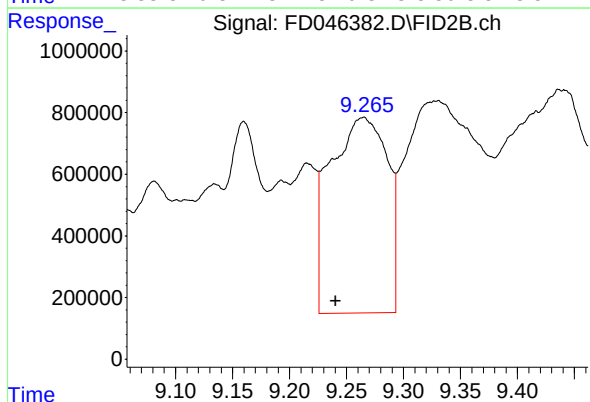
R.T.: 8.355 min
Delta R.T.: -0.005 min
Response: 9596179
Conc: 86.23 ug/ml



#7 Acenaphthene (C15.5)

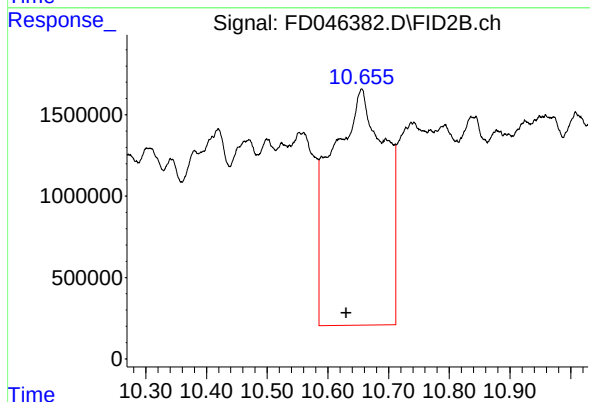
R.T.: 8.471 min
Delta R.T.: 0.007 min
Response: 2002984
Conc: 11.12 ug/ml

Instrument :
FID_D
ClientSampleId :



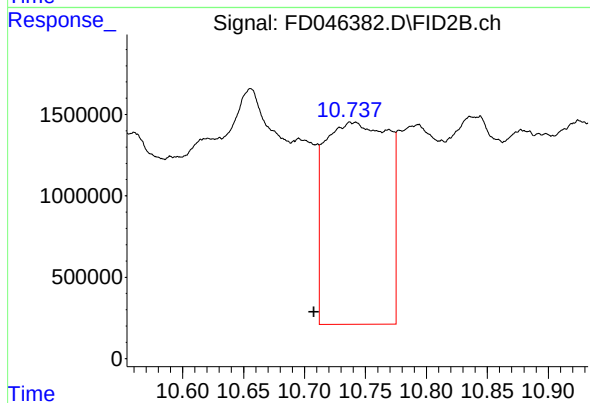
#8 Fluorene (C16.55)

R.T.: 9.264 min
Delta R.T.: 0.024 min
Response: 22068950
Conc: 126.18 ug/ml



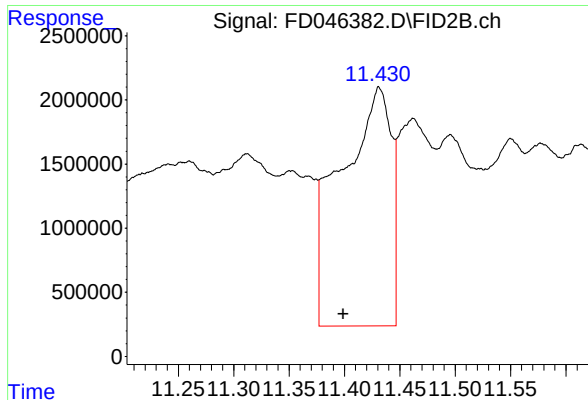
#9 Phenanthrene (C19.36)

R.T.: 10.655 min
Delta R.T.: 0.025 min
Response: 89071273
Conc: 519.14 ug/ml



#10 Anthracene (C19.43)

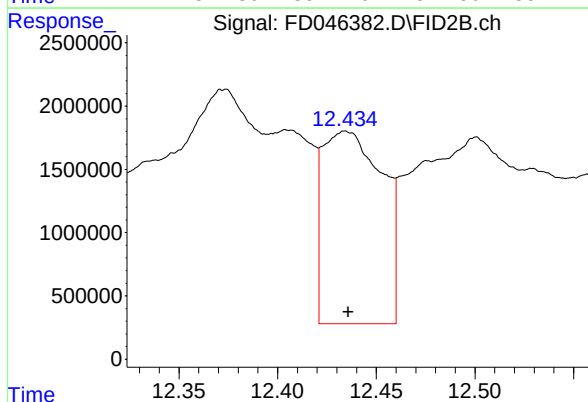
R.T.: 10.740 min
Delta R.T.: 0.032 min
Response: 45120884
Conc: 267.47 ug/ml



#11 ortho-Terphenyl (SURR)

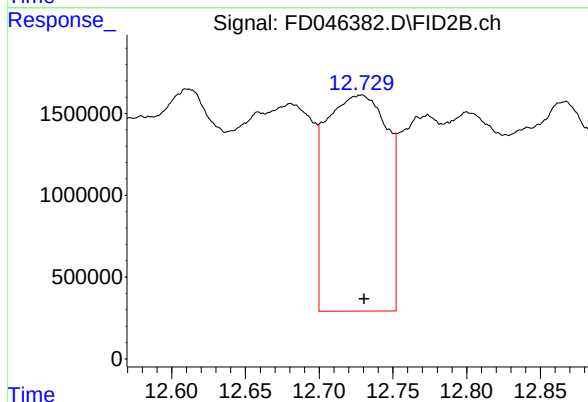
R.T.: 11.431 min
Delta R.T.: 0.032 min
Response: 58794446
Conc: 299.78 ug/ml

Instrument :
FID_D
ClientSampleId :



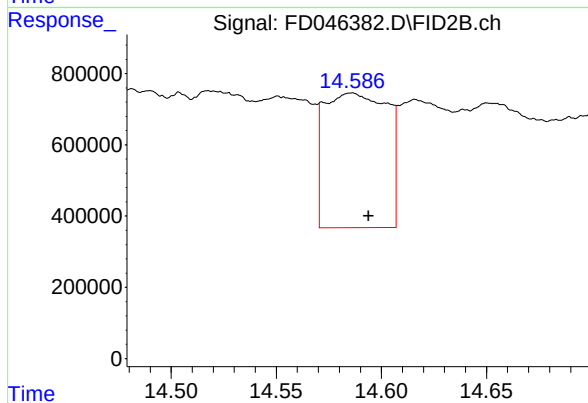
#12 Fluoranthene (C21.85)

R.T.: 12.435 min
Delta R.T.: -0.001 min
Response: 31893331
Conc: 191.70 ug/ml



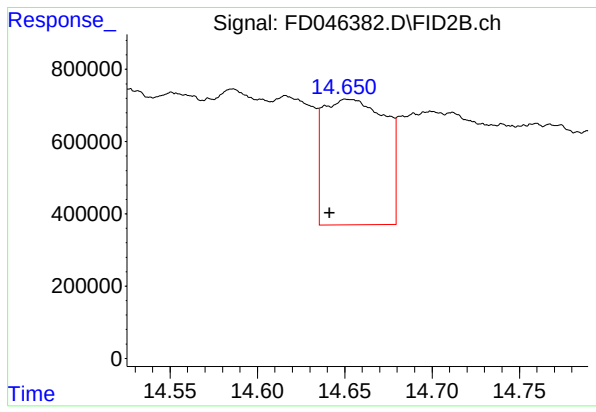
#13 Pyrene (C20.8)

R.T.: 12.728 min
Delta R.T.: -0.003 min
Response: 38445703
Conc: 238.54 ug/ml



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

R.T.: 14.586 min
Delta R.T.: -0.008 min
Response: 7897653
Conc: 56.14 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.653 min

Delta R.T.: 0.011 min

Response: 8593687

Conc: 57.93 ug/ml

Instrument :

FID_D

ClientSampleId :