

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046506.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 11:20
 Operator : YP/AJ
 Sample : PB155554BL
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 16 00:50:20 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...	7.492	7743792	43.942 ug/ml
Spiked Amount 50.000		Recovery =	87.88%
6) S 2-Fluorobiphenyl (SURR)	8.343	3224465	27.831 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.66%
11) S ortho-Terphenyl (SURR)	11.387	13081939	64.212 ug/ml
Spiked Amount 50.000		Recovery =	128.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.263	23758	0.129 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	68083	0.351 ug/ml
7) T Acenaphthene (C15.5)	8.402	45225	0.241 ug/ml
14) T Benzo[a]anthracene (C...	14.628	18088	0.130 ug/ml
15) T Chrysene (C27.41)	14.628	18088	0.119 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914f	108790	0.868 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	108790	0.818 ug/ml

(f)=RT Delta > 1/2 Window

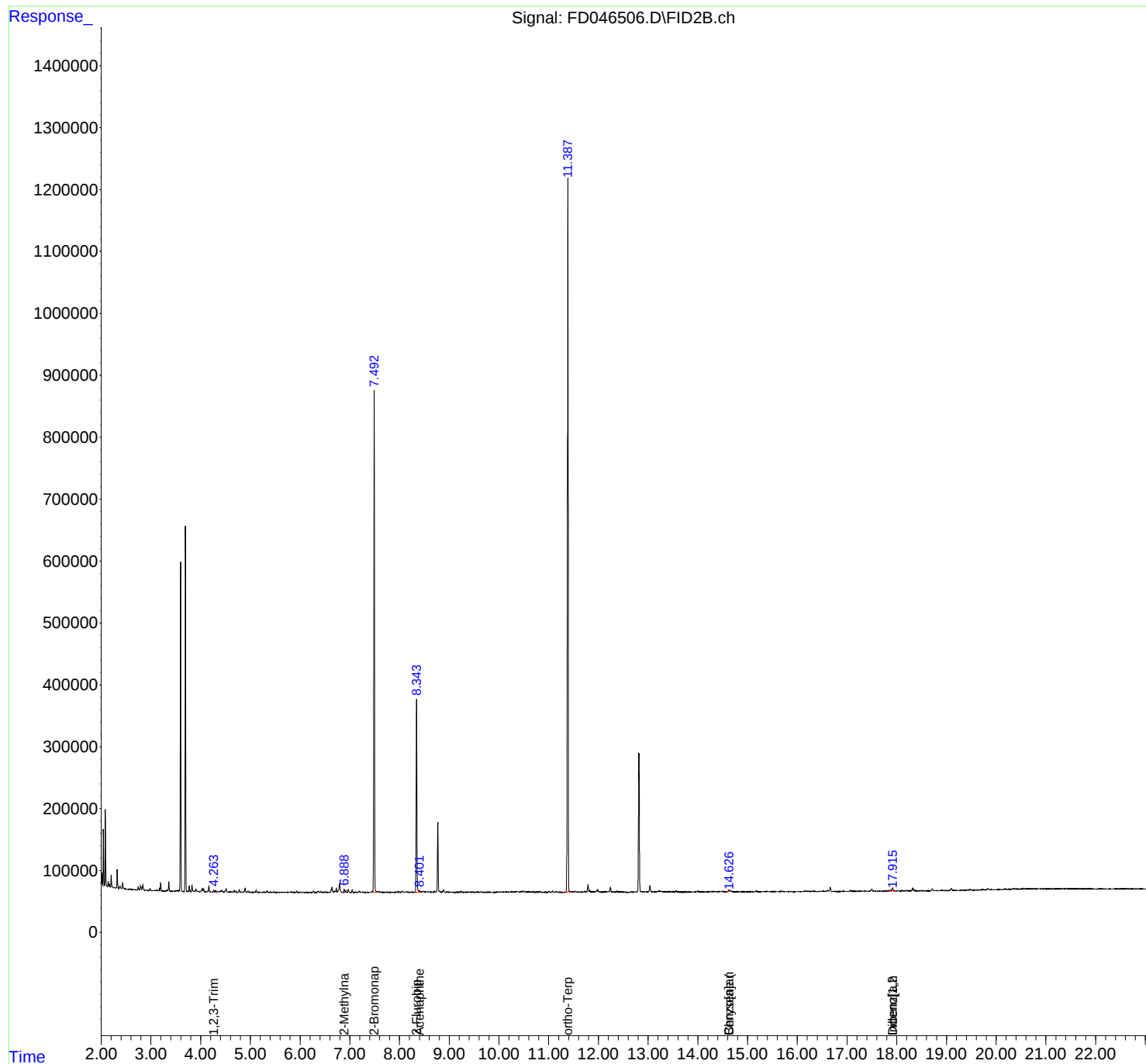
(m)=manual int.

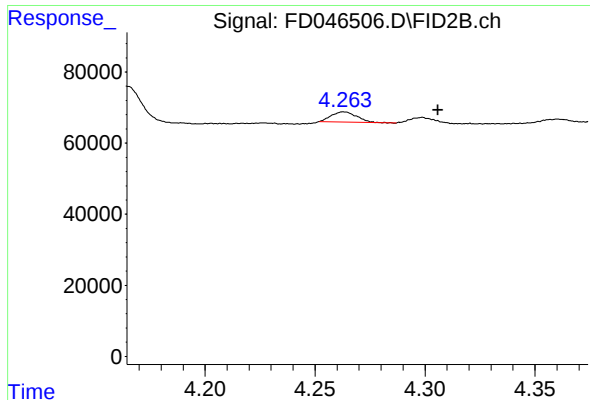
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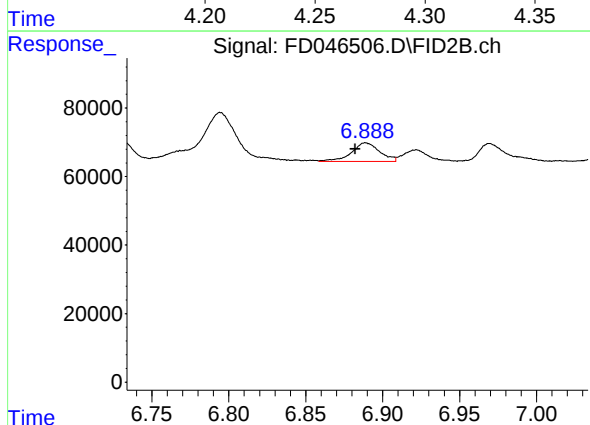




#1 1,2,3-Trimethylbenzene (C10.1)

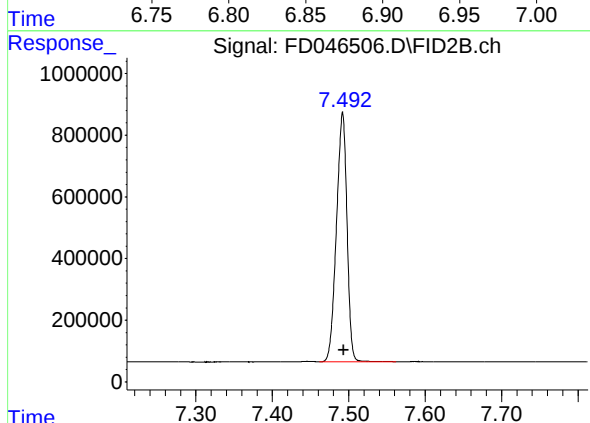
R.T.: 4.263 min
Delta R.T.: -0.043 min
Response: 23758
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



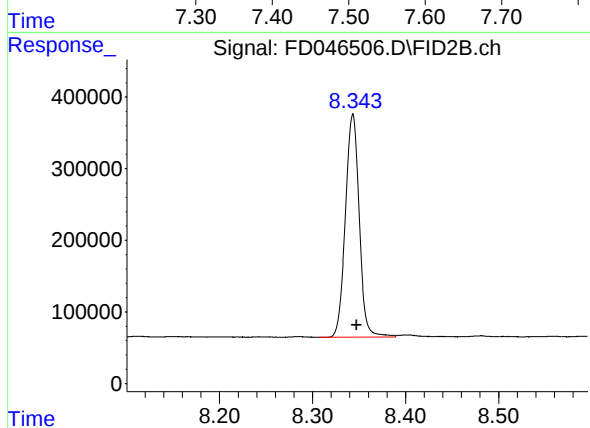
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: 0.007 min
Response: 68083
Conc: 0.35 ug/ml



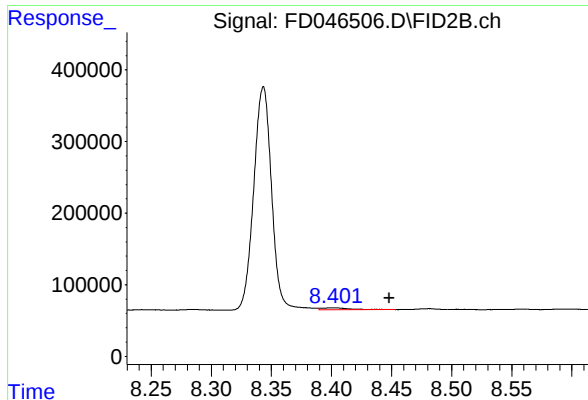
#4 2-Bromonaphthalene (SURR)

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 7743792
Conc: 43.94 ug/ml



#6 2-Fluorobiphenyl (SURR)

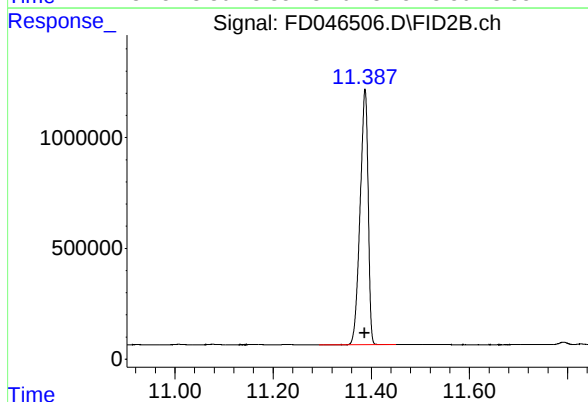
R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 3224465
Conc: 27.83 ug/ml



#7 Acenaphthene (C15.5)

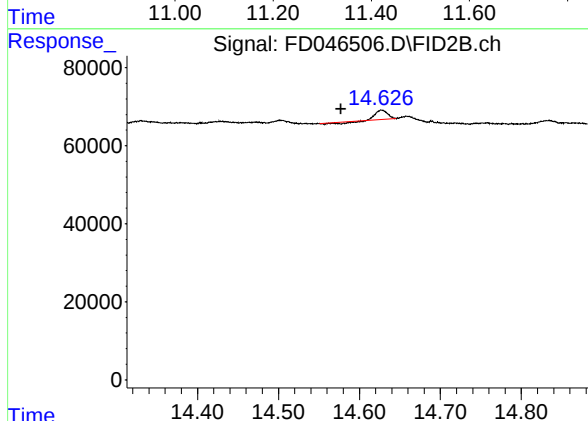
R.T.: 8.402 min
Delta R.T.: -0.046 min
Response: 45225
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



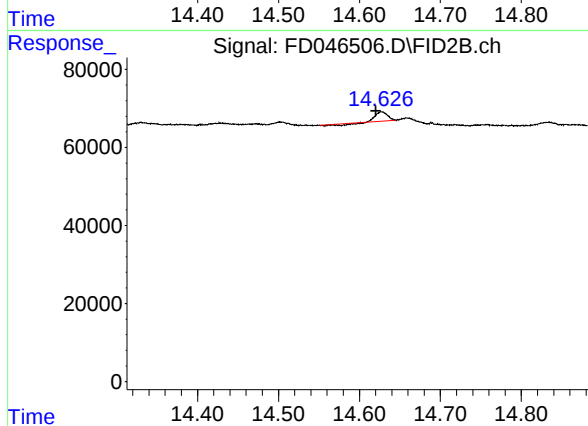
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 13081939
Conc: 64.21 ug/ml



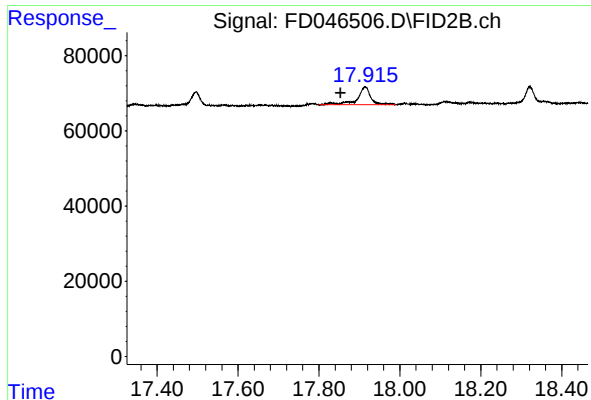
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: 0.051 min
Response: 18088
Conc: 0.13 ug/ml



#15 Chrysene (C27.41)

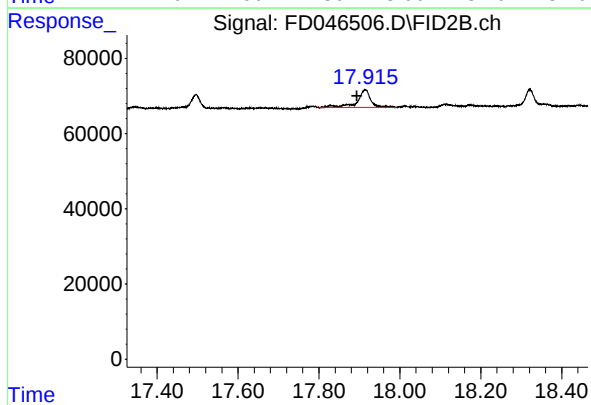
R.T.: 14.628 min
Delta R.T.: 0.007 min
Response: 18088
Conc: 0.12 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.061 min
Response: 108790
Conc: 0.87 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.914 min
Delta R.T.: 0.020 min
Response: 108790
Conc: 0.82 ug/ml