

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046591.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2023 00:43
 Operator : YP/AJ
 Sample : 04583-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 27 02:51:01 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...	7.491	8711267	49.432 ug/ml
Spiked Amount 50.000		Recovery =	98.86%
6) S 2-Fluorobiphenyl (SURR)	8.344	5477099	47.274 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.55%
11) S ortho-Terphenyl (SURR)	11.383	9762774	47.920 ug/ml
Spiked Amount 50.000		Recovery =	95.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.264	30702	0.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	47664	0.246 ug/ml
7) T Acenaphthene (C15.5)	8.401	36658	0.195 ug/ml
14) T Benzo[a]anthracene (C...	14.625	28878	0.207 ug/ml
15) T Chrysene (C27.41)	14.625	28878	0.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	309295	2.467 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	52641	0.396 ug/ml

(f)=RT Delta > 1/2 Window

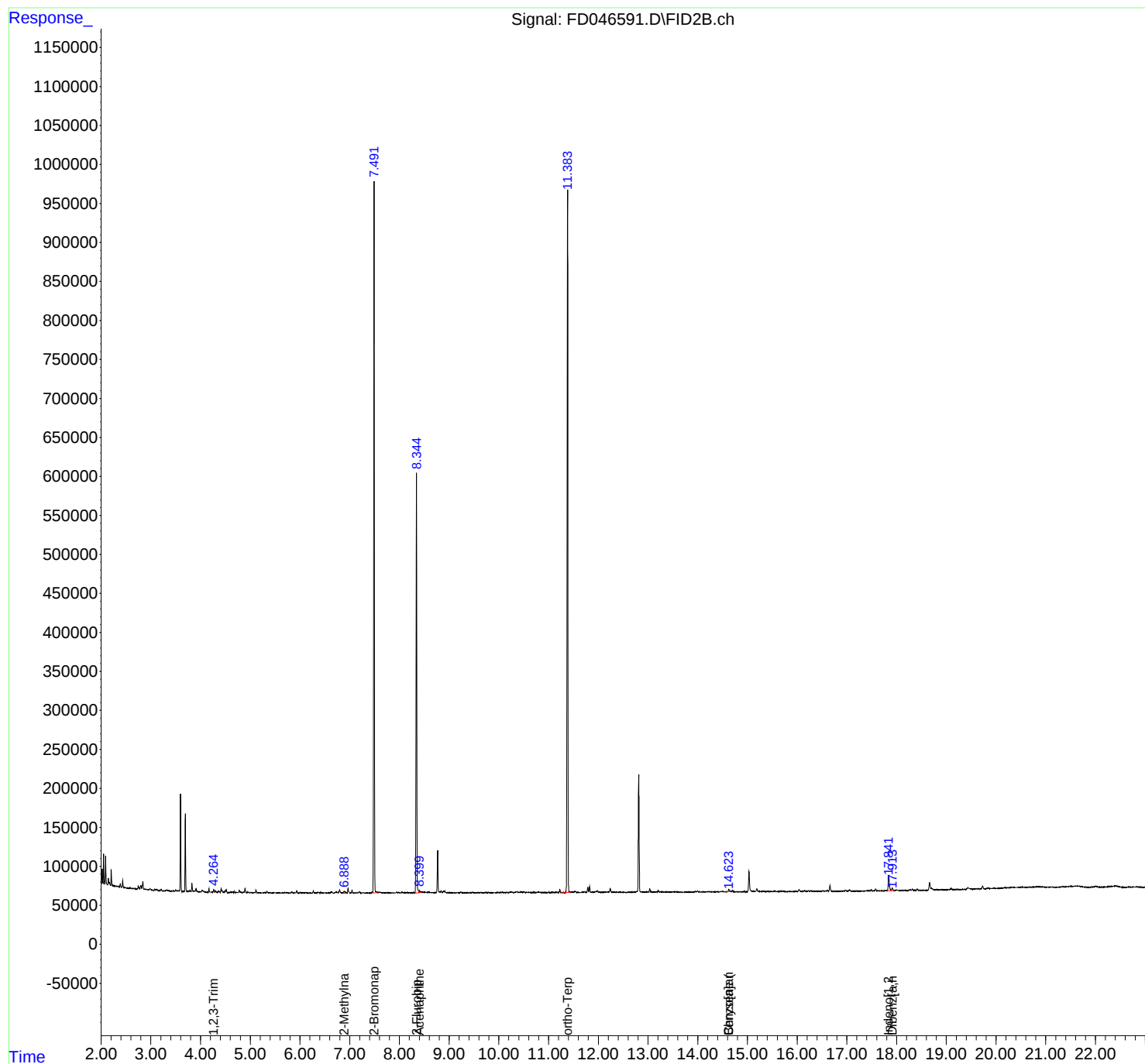
(m)=manual int.

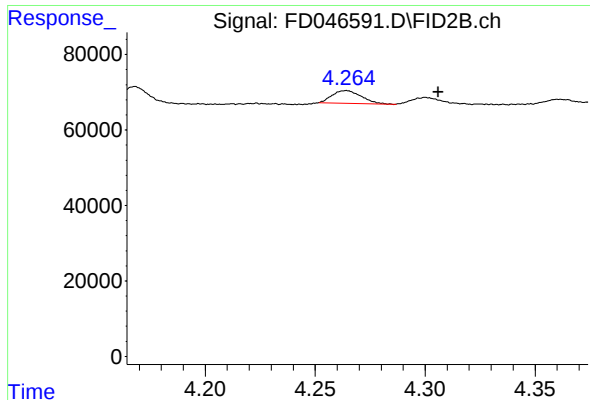
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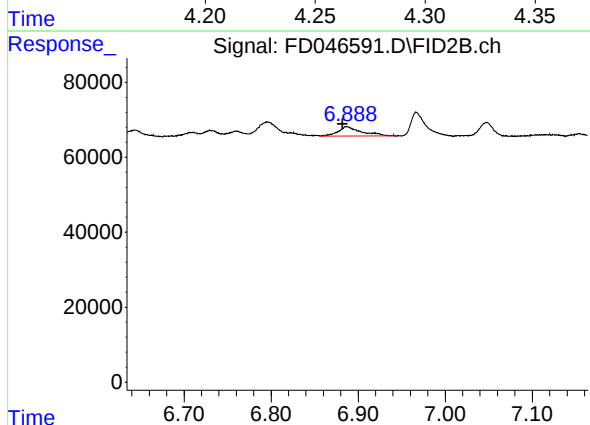




#1 1,2,3-Trimethylbenzene (C10.1)

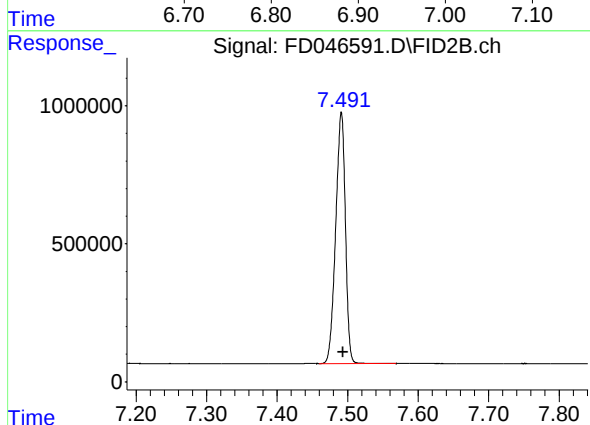
R.T.: 4.264 min
Delta R.T.: -0.042 min
Response: 30702
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



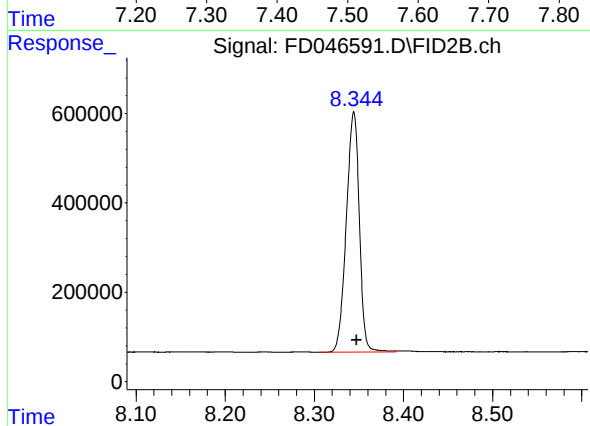
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: 0.005 min
Response: 47664
Conc: 0.25 ug/ml



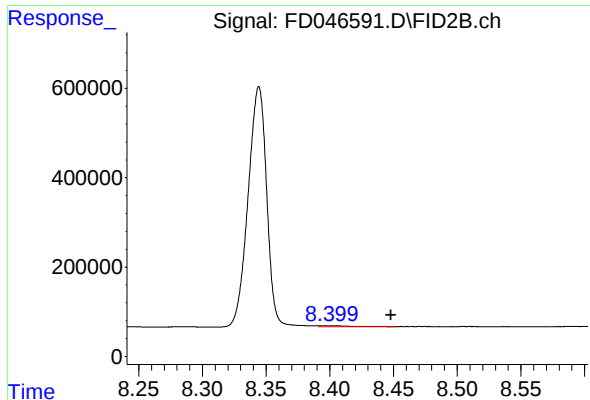
#4 2-Bromonaphthalene (SURR)

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 8711267
Conc: 49.43 ug/ml



#6 2-Fluorobiphenyl (SURR)

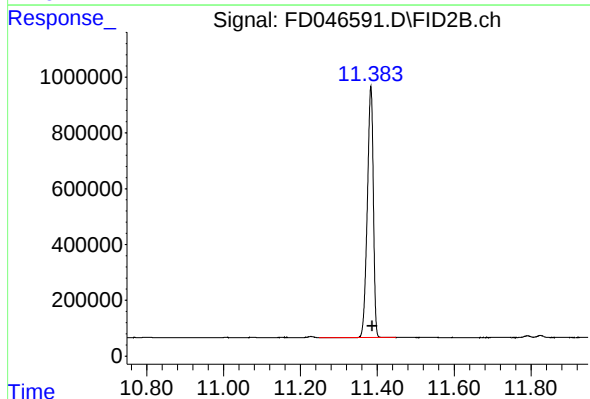
R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 5477099
Conc: 47.27 ug/ml



#7 Acenaphthene (C15.5)

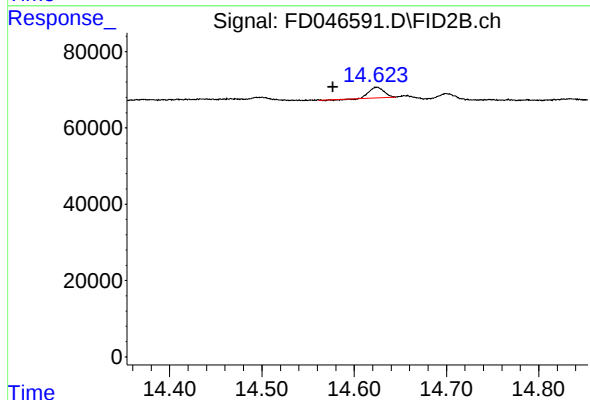
R.T.: 8.401 min
Delta R.T.: -0.047 min
Response: 36658
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



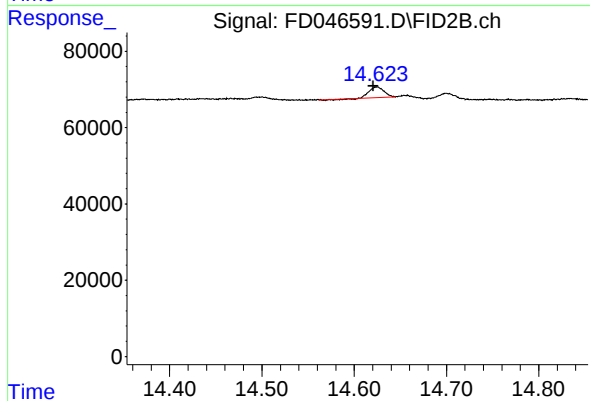
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 9762774
Conc: 47.92 ug/ml



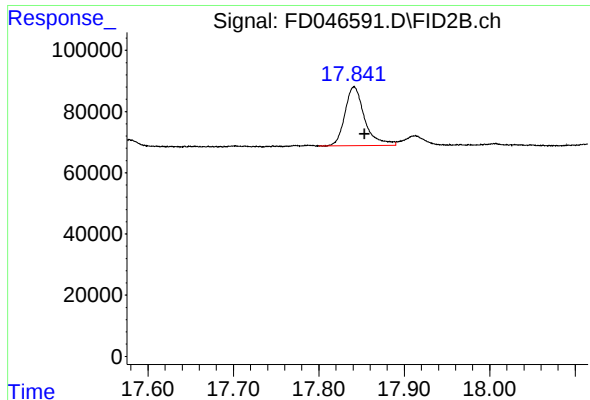
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: 0.048 min
Response: 28878
Conc: 0.21 ug/ml



#15 Chrysene (C27.41)

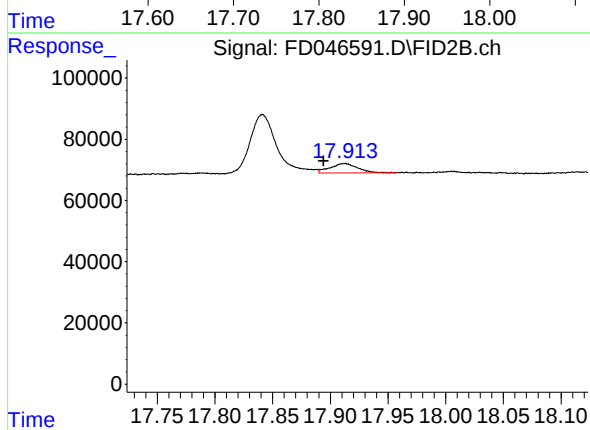
R.T.: 14.625 min
Delta R.T.: 0.004 min
Response: 28878
Conc: 0.19 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.012 min
Response: 309295
Conc: 2.47 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.912 min
Delta R.T.: 0.018 min
Response: 52641
Conc: 0.40 ug/ml