

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046582.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 18:51
 Operator : YP/AJ
 Sample : 04536-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:45 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...	7.494	12819926	72.747 ug/ml
Spiked Amount 50.000		Recovery =	145.49%
6) S 2-Fluorobiphenyl (SURR)	8.348	8966441	77.391 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	154.78%#
11) S ortho-Terphenyl (SURR)	11.385	10368752	50.895 ug/ml
Spiked Amount 50.000		Recovery =	101.79%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.885	41099	0.212 ug/ml
12) T Fluoranthene (C21.85)	12.412	72070	0.423 ug/ml
13) T Pyrene (C20.8)	12.706	47596	0.290 ug/ml
14) T Benzo[a]anthracene (C...	14.616	49136	0.352 ug/ml
15) T Chrysene (C27.41)	14.616	49136	0.324 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912f	91967	0.734 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	91967	0.691 ug/ml

(f)=RT Delta > 1/2 Window

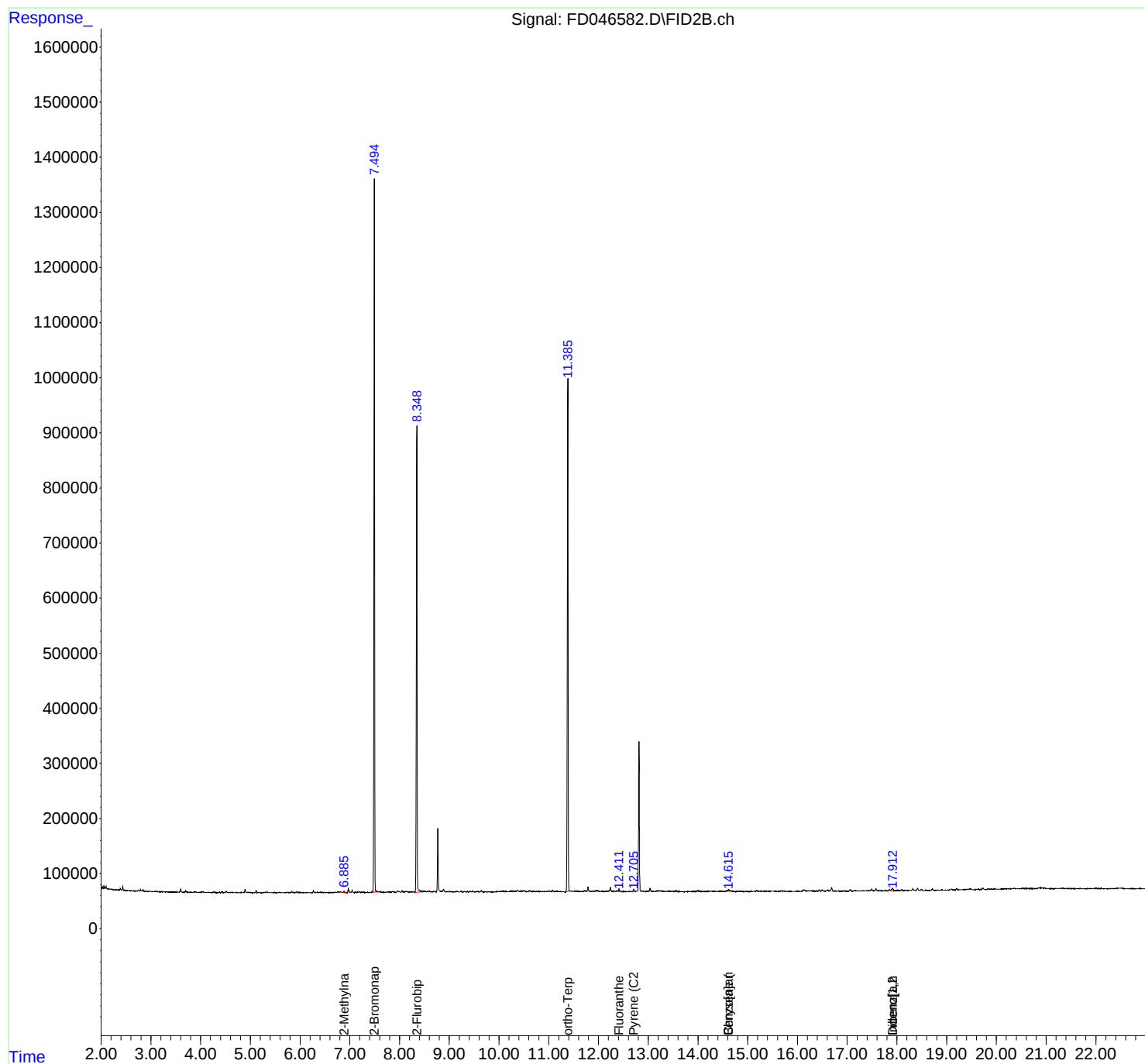
(m)=manual int.

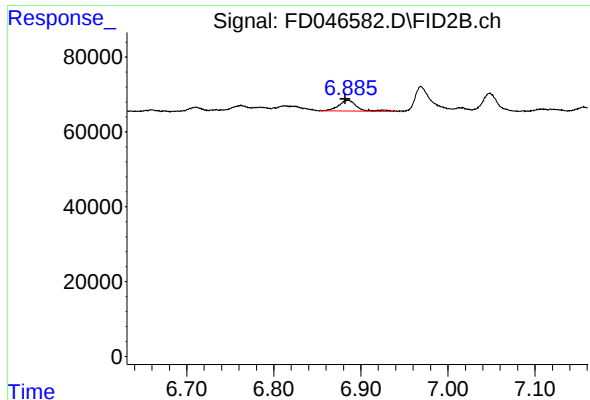
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

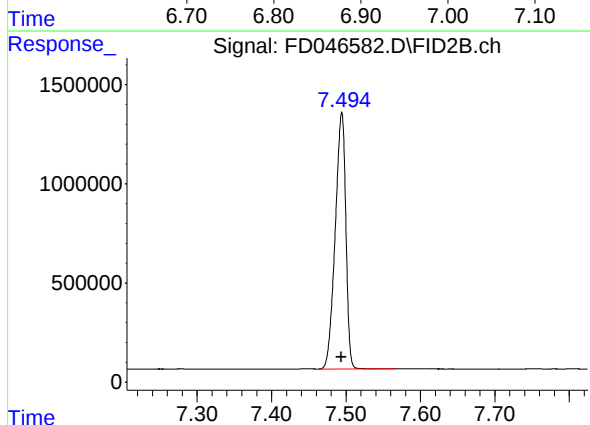




#3 2-Methylnaphthalene (C12.89)

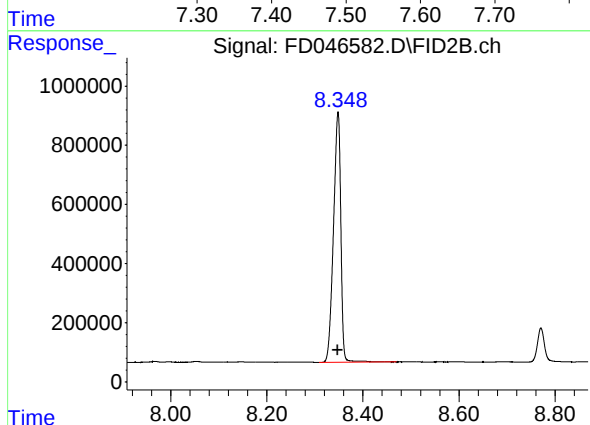
R.T.: 6.885 min
Delta R.T.: 0.003 min
Response: 41099
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



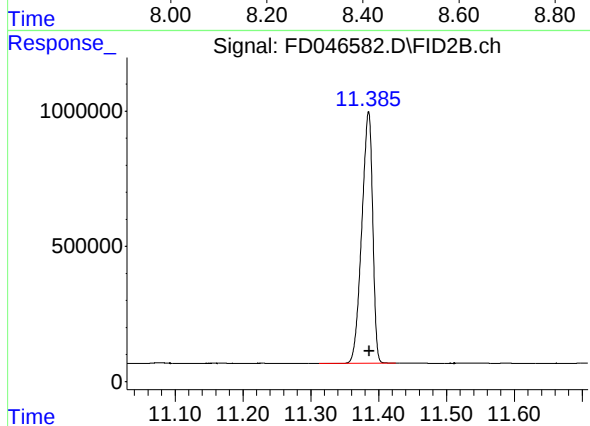
#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 12819926
Conc: 72.75 ug/ml



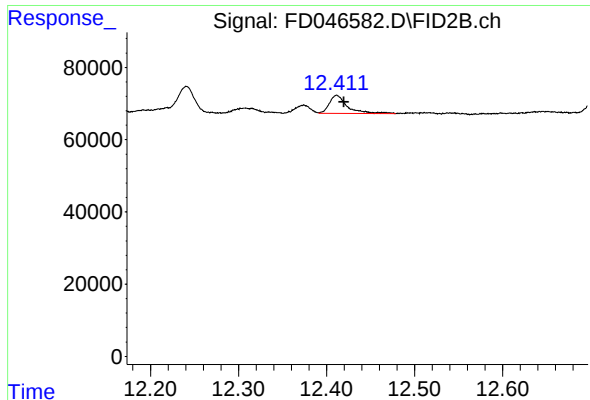
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 8966441
Conc: 77.39 ug/ml



#11 ortho-Terphenyl (SURR)

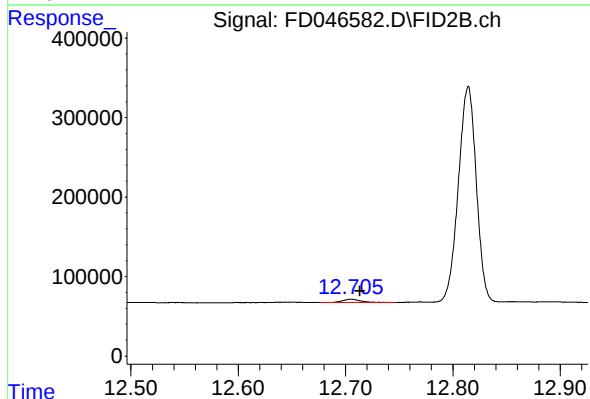
R.T.: 11.385 min
Delta R.T.: -0.002 min
Response: 10368752
Conc: 50.89 ug/ml



#12 Fluoranthene (C21.85)

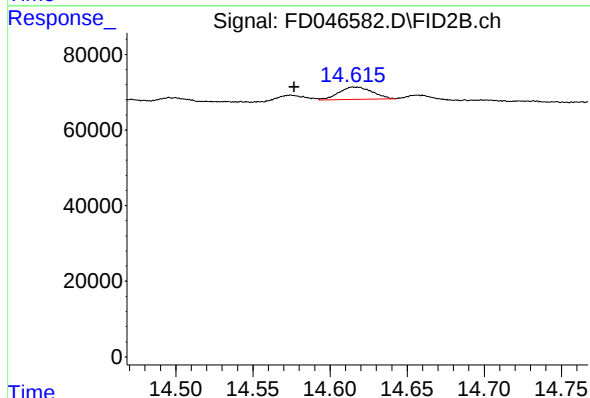
R.T.: 12.412 min
Delta R.T.: -0.008 min
Response: 72070
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



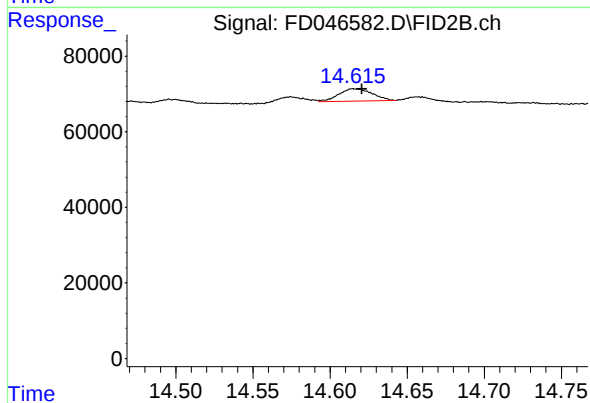
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: -0.008 min
Response: 47596
Conc: 0.29 ug/ml



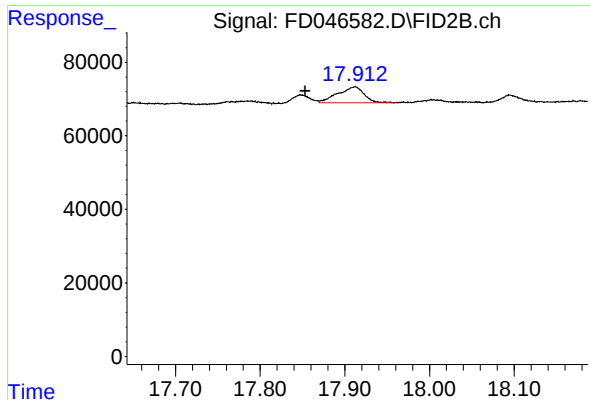
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.616 min
Delta R.T.: 0.039 min
Response: 49136
Conc: 0.35 ug/ml



#15 Chrysene (C27.41)

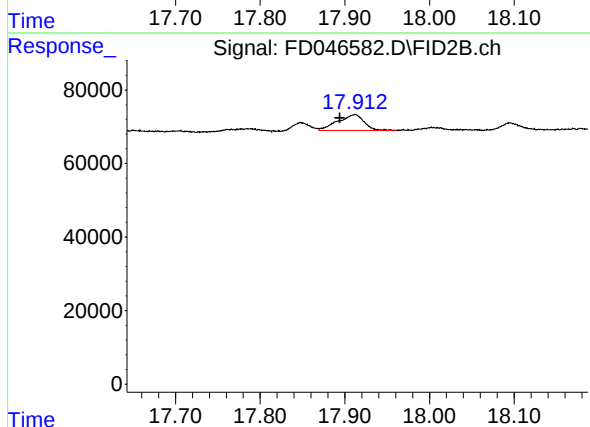
R.T.: 14.616 min
Delta R.T.: -0.004 min
Response: 49136
Conc: 0.32 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.058 min
Response: 91967
Conc: 0.73 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: 91967
Conc: 0.69 ug/ml