

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046911.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2023 20:32
 Operator : YP/AJ
 Sample : 05449-15
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 00:15:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.479	7938207	43.527 ug/ml
Spiked Amount 50.000		Recovery =	87.05%
6) S 2-Fluorobiphenyl (SURR)	8.331	4403584	37.419 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.84%
11) S ortho-Terphenyl (SURR)	11.368	5869997	27.721 ug/ml
Spiked Amount 50.000		Recovery =	55.44%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.876	79999	0.398 ug/ml
7) T Acenaphthene (C15.5)	8.388	54188	0.277 ug/ml
12) T Fluoranthene (C21.85)	12.400	74872	0.434 ug/ml
13) T Pyrene (C20.8)	12.692	49487	0.298 ug/ml
14) T Benzo[a]anthracene (C...	14.604	42157	0.300 ug/ml
15) T Chrysene (C27.41)	14.604	42157	0.270 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.779f	23022	0.182 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	48543	0.348 ug/ml

(f)=RT Delta > 1/2 Window

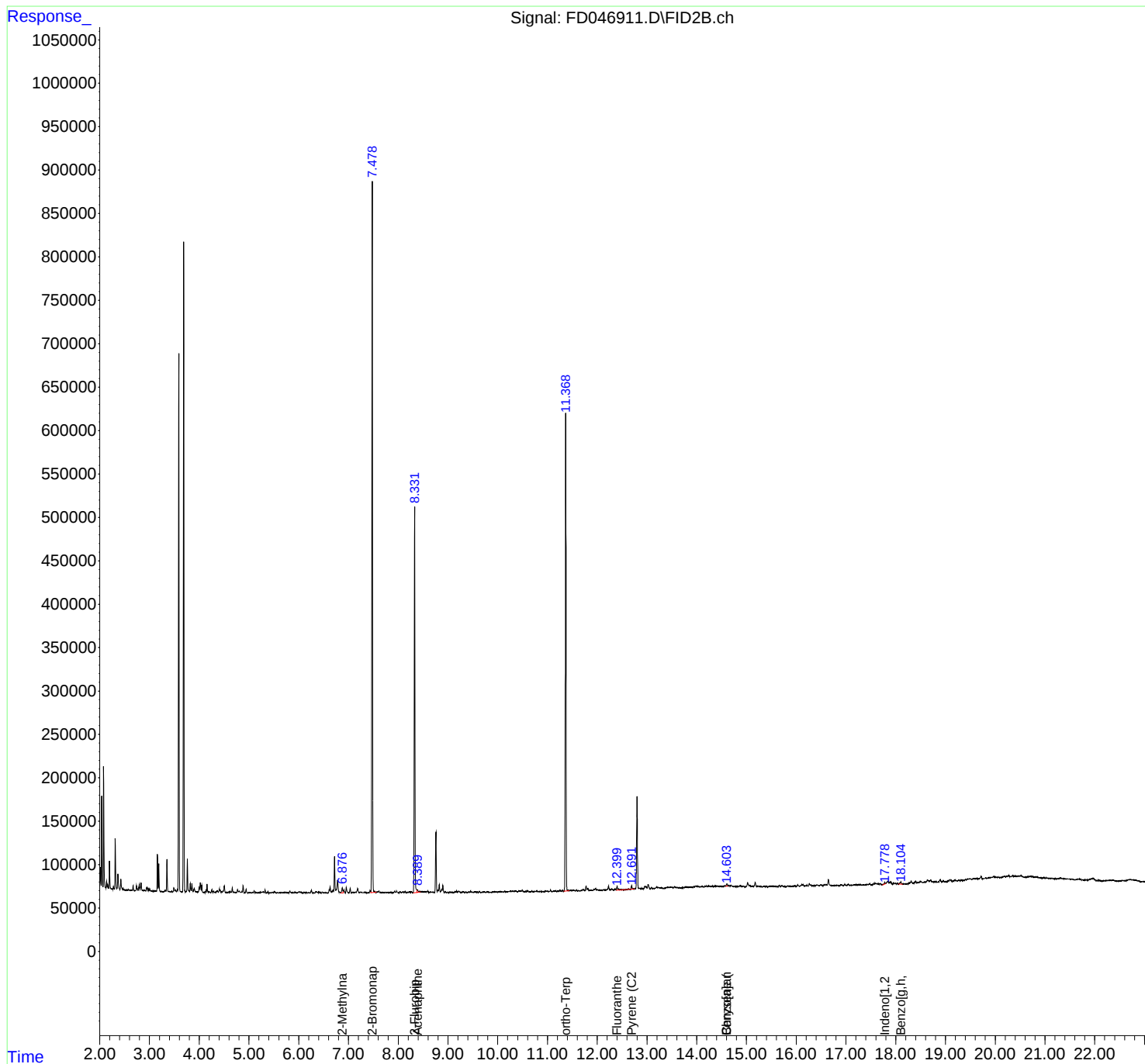
(m)=manual int.

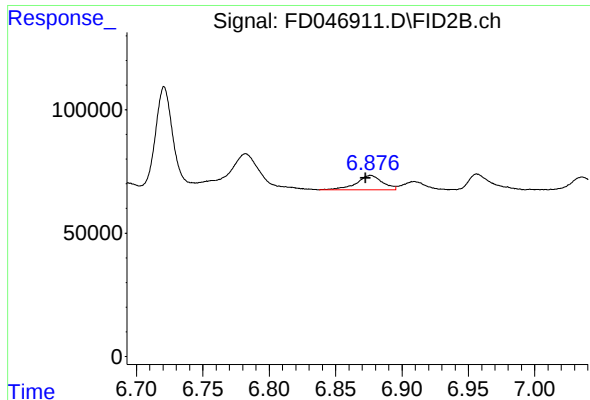
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Signal Info : 20M x 0.18mm x 0.18µm

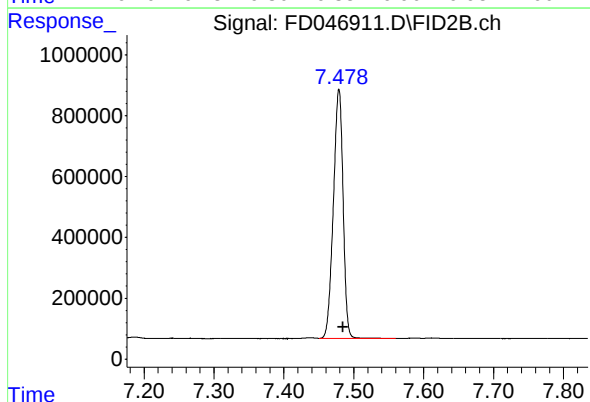




#3 2-Methylnaphthalene (C12.89)

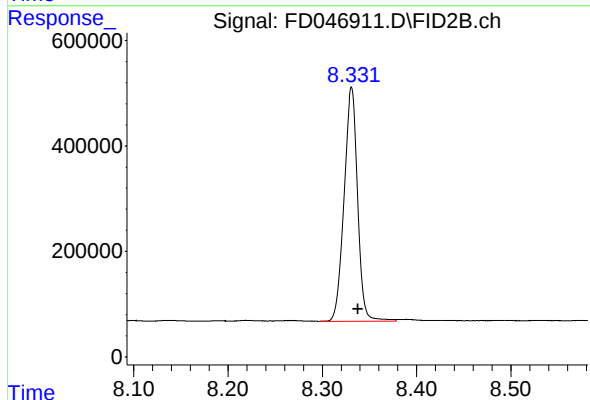
R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 79999
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



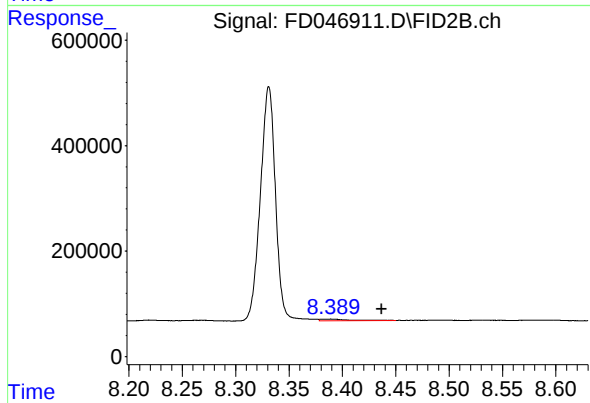
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 7938207
Conc: 43.53 ug/ml



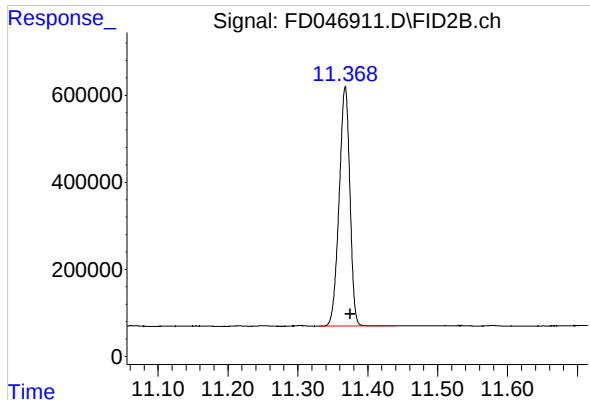
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4403584
Conc: 37.42 ug/ml



#7 Acenaphthene (C15.5)

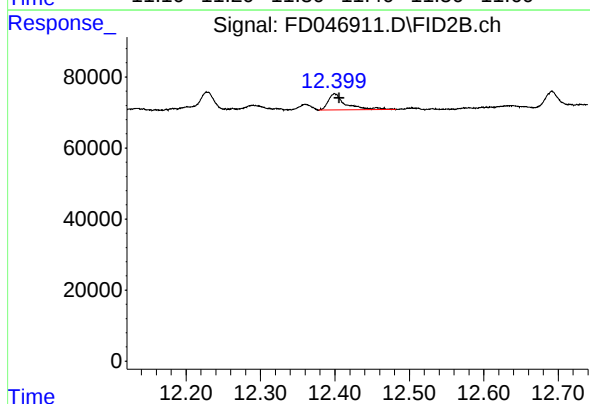
R.T.: 8.388 min
Delta R.T.: -0.049 min
Response: 54188
Conc: 0.28 ug/ml



#11 ortho-Terphenyl (SURR)

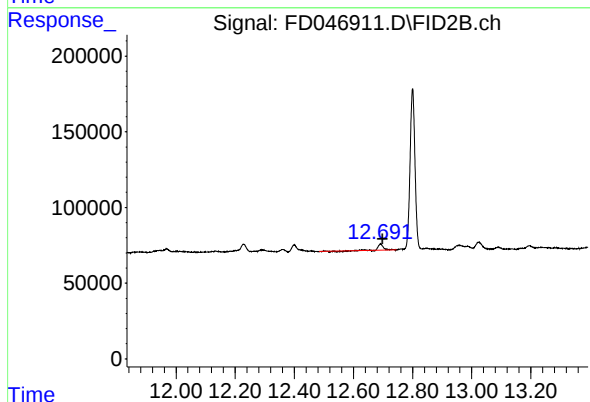
R.T.: 11.368 min
Delta R.T.: -0.008 min
Response: 5869997
Conc: 27.72 ug/ml

Instrument :
FID_D
ClientSampleId :



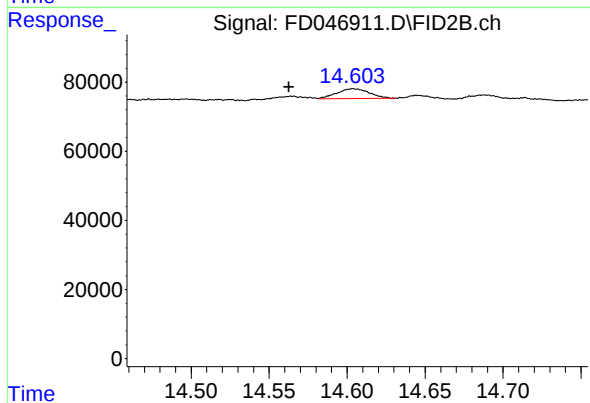
#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: -0.006 min
Response: 74872
Conc: 0.43 ug/ml



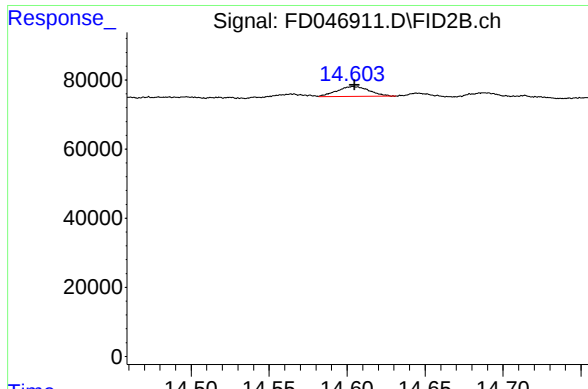
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: -0.008 min
Response: 49487
Conc: 0.30 ug/ml



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

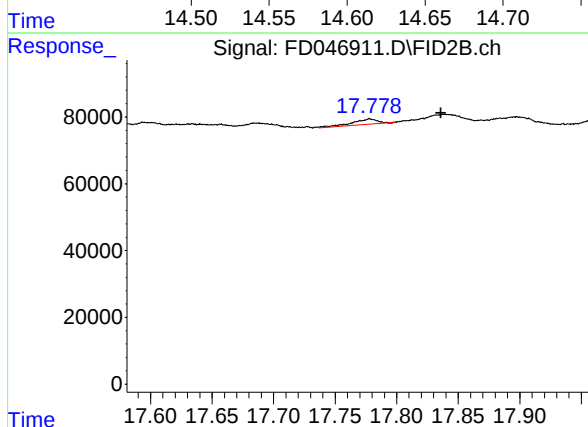
R.T.: 14.604 min
Delta R.T.: 0.041 min
Response: 42157
Conc: 0.30 ug/ml



#15 Chrysene (C27.41)

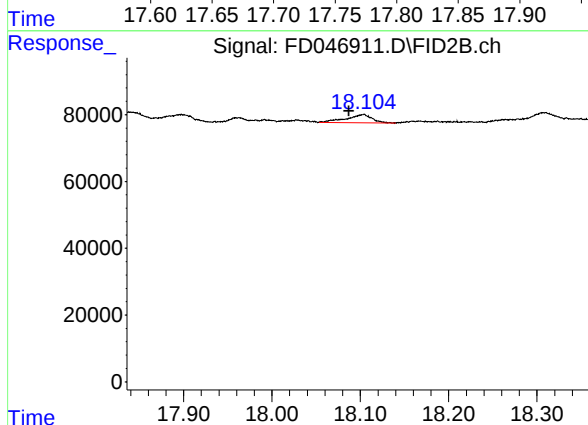
R.T.: 14.604 min
Delta R.T.: 0.000 min
Response: 42157
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.779 min
Delta R.T.: -0.057 min
Response: 23022
Conc: 0.18 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.103 min
Delta R.T.: 0.016 min
Response: 48543
Conc: 0.35 ug/ml