

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046921.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 04:14
 Operator : YP/AJ
 Sample : 05449-23
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 04:46:43 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...	7.478	7587668	41.605 ug/ml
Spiked Amount 50.000		Recovery =	83.21%
6) S 2-Fluorobiphenyl (SURR)	8.330	4250321	36.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.23%
11) S ortho-Terphenyl (SURR)	11.366	4535402	21.418 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.875	65909	0.328 ug/ml
12) T Fluoranthene (C21.85)	12.425	81600	0.472 ug/ml
14) T Benzo[a]anthracene (C...	14.606	18083	0.129 ug/ml
15) T Chrysene (C27.41)	14.606	18083	0.116 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776f	26115	0.207 ug/ml

(f)=RT Delta > 1/2 Window

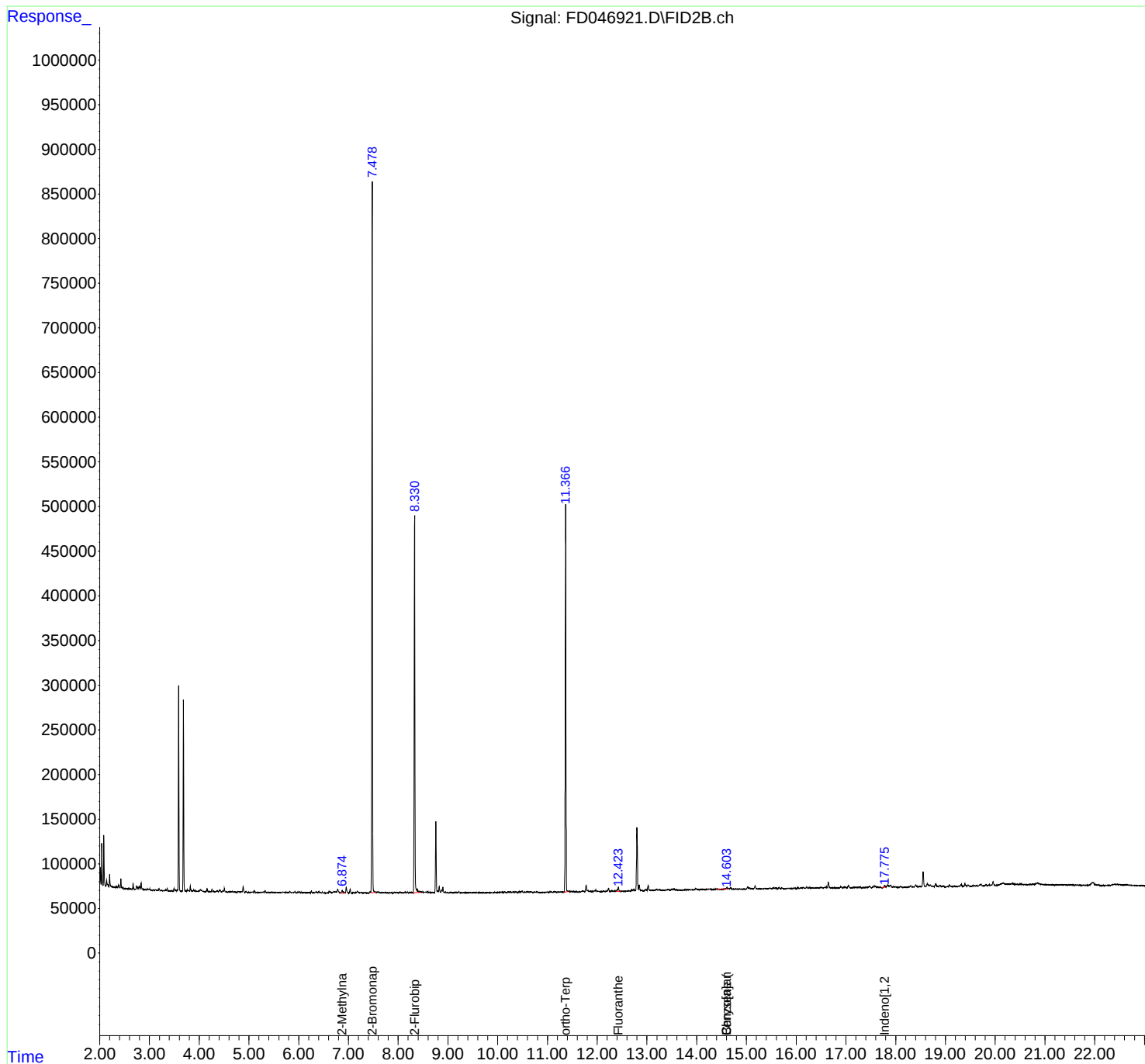
(m)=manual int.

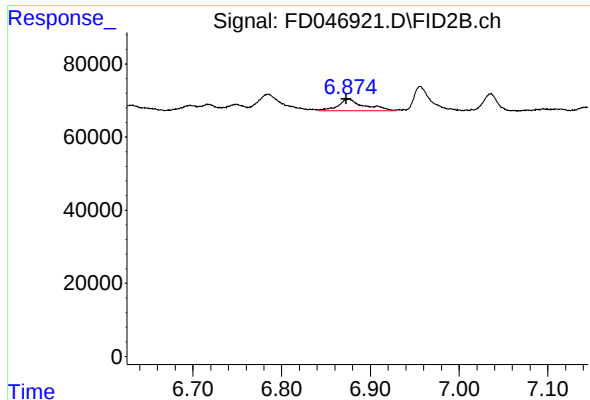
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

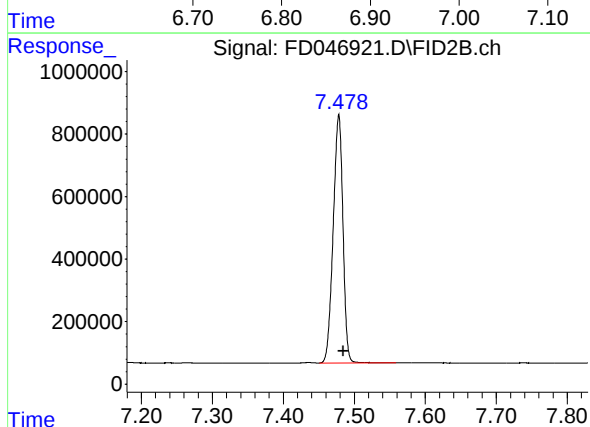




#3 2-Methylnaphthalene (C12.89)

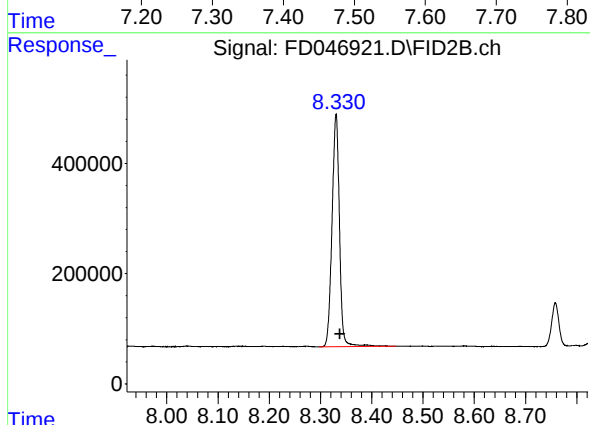
R.T.: 6.875 min
Delta R.T.: 0.003 min
Response: 65909
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



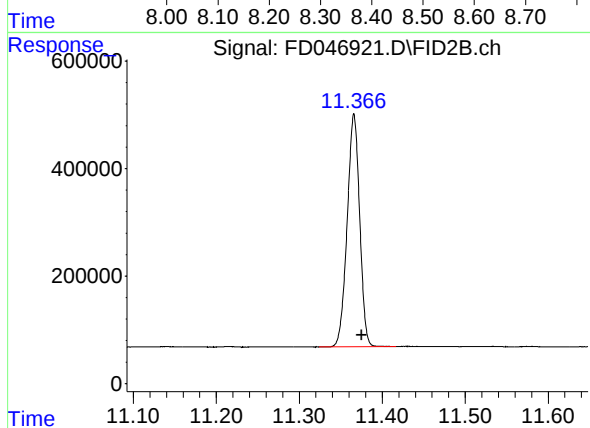
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: -0.007 min
Response: 7587668
Conc: 41.60 ug/ml



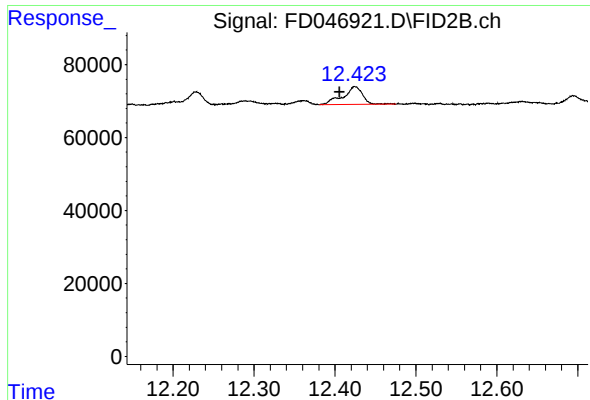
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 4250321
Conc: 36.12 ug/ml



#11 ortho-Terphenyl (SURR)

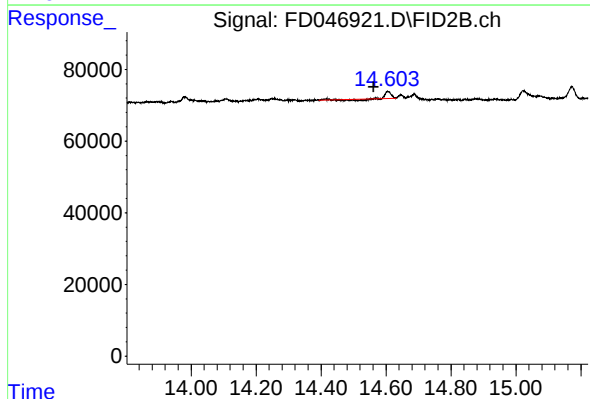
R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 4535402
Conc: 21.42 ug/ml



#12 Fluoranthene (C21.85)

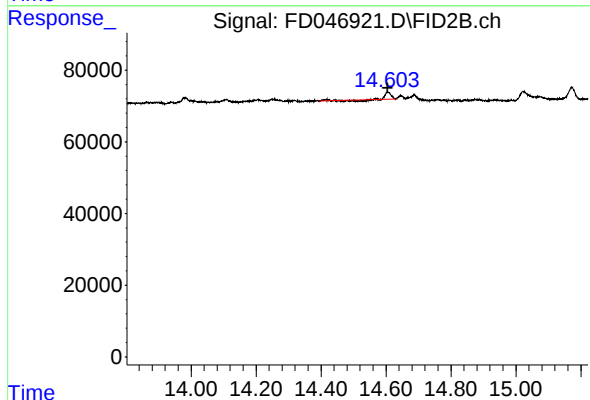
R.T.: 12.425 min
Delta R.T.: 0.019 min
Response: 81600
Conc: 0.47 ug/ml

Instrument :
FID_D
ClientSampleId :



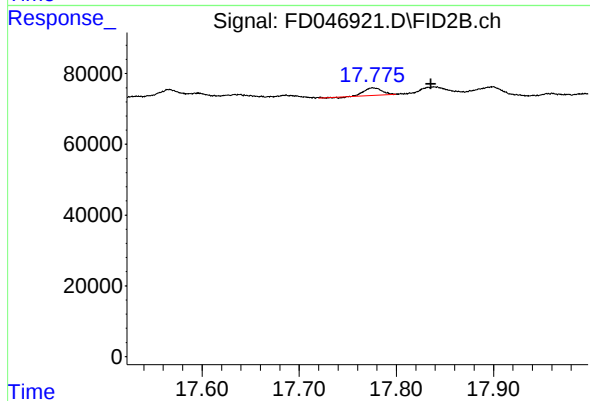
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.606 min
Delta R.T.: 0.043 min
Response: 18083
Conc: 0.13 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.606 min
Delta R.T.: 0.000 min
Response: 18083
Conc: 0.12 ug/ml



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

R.T.: 17.776 min
Delta R.T.: -0.060 min
Response: 26115
Conc: 0.21 ug/ml