

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046931.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 10:41
 Operator : YP/AJ
 Sample : 05449-28
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 22:50:47 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...	7.476	5751632	31.537 ug/ml
Spiked Amount 50.000		Recovery =	63.07%
6) S 2-Fluorobiphenyl (SURR)	8.328	2912141	24.746 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.49%
11) S ortho-Terphenyl (SURR)	11.365	4235699	20.003 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.874	41989	0.209 ug/ml
7) T Acenaphthene (C15.5)	8.388	50251	0.257 ug/ml
12) T Fluoranthene (C21.85)	12.399	74563	0.432 ug/ml
13) T Pyrene (C20.8)	12.691	48734	0.293 ug/ml
14) T Benzo[a]anthracene (C...	14.602	39066	0.278 ug/ml
15) T Chrysene (C27.41)	14.602	39066	0.250 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	54476	0.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	54476	0.390 ug/ml

(f)=RT Delta > 1/2 Window

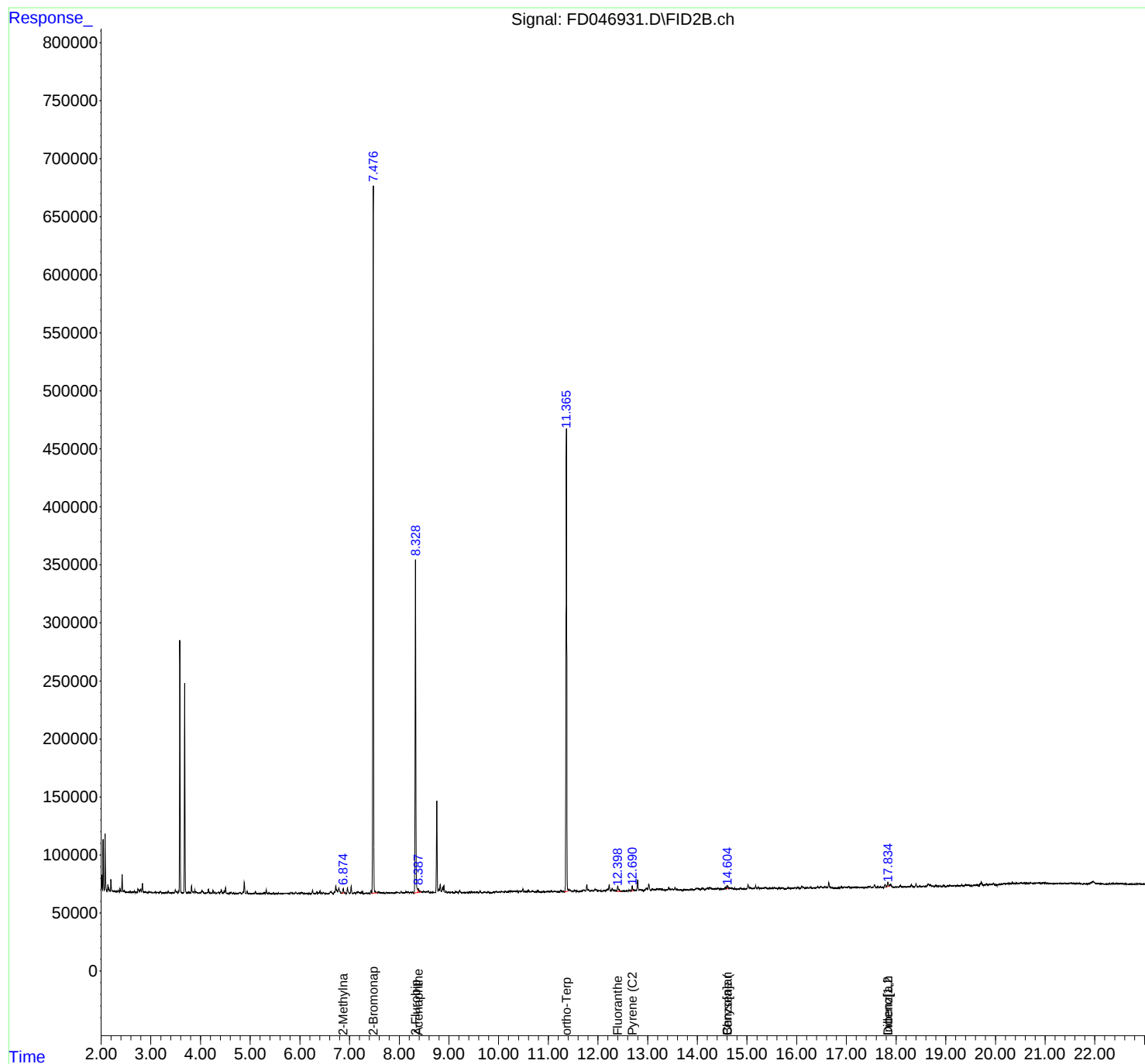
(m)=manual int.

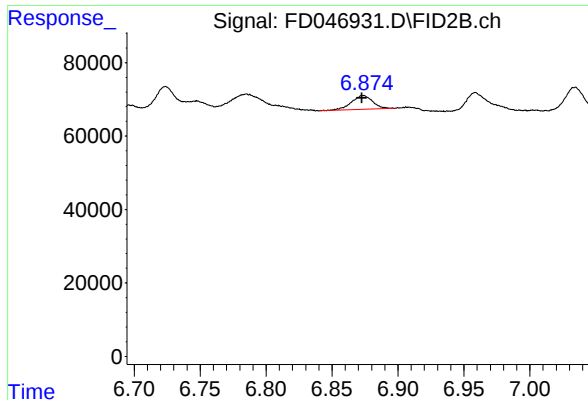
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

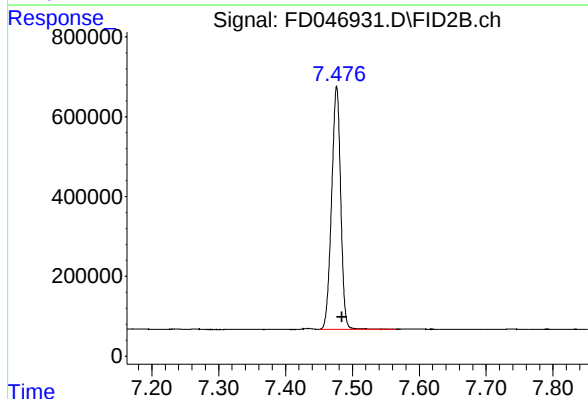




#3 2-Methylnaphthalene (C12.89)

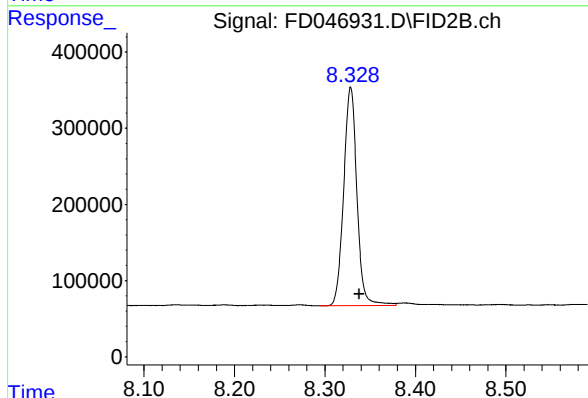
R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 41989
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



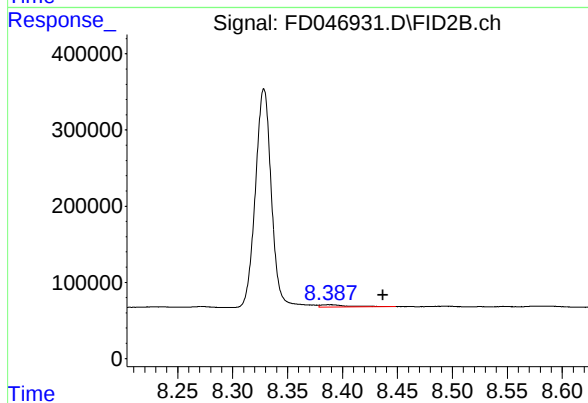
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 5751632
Conc: 31.54 ug/ml



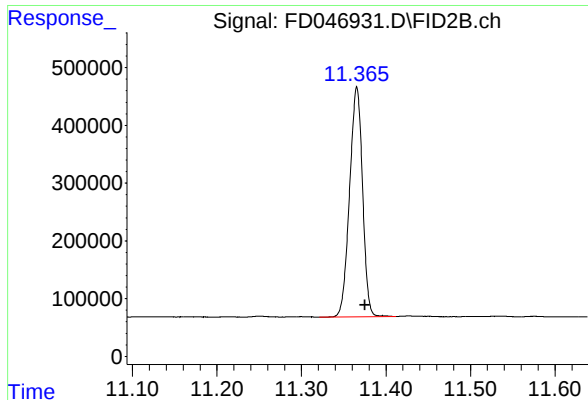
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.010 min
Response: 2912141
Conc: 24.75 ug/ml



#7 Acenaphthene (C15.5)

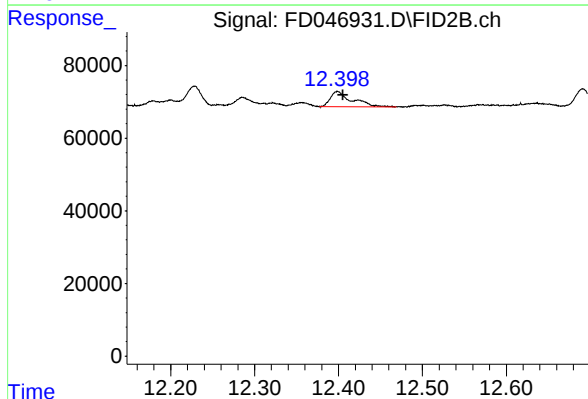
R.T.: 8.388 min
Delta R.T.: -0.048 min
Response: 50251
Conc: 0.26 ug/ml



#11 ortho-Terphenyl (SURR)

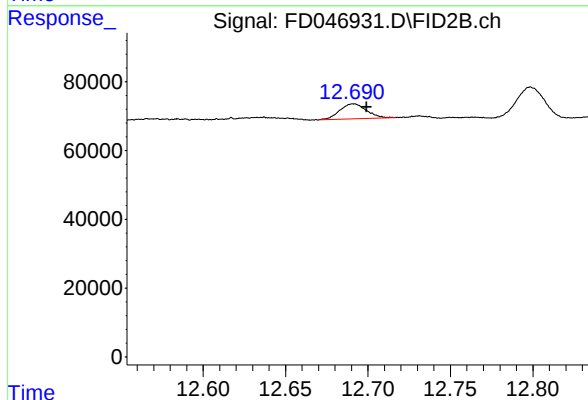
R.T.: 11.365 min
Delta R.T.: -0.010 min
Response: 4235699
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



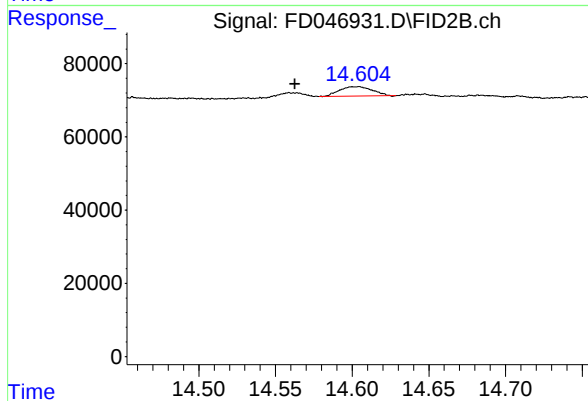
#12 Fluoranthene (C21.85)

R.T.: 12.399 min
Delta R.T.: -0.007 min
Response: 74563
Conc: 0.43 ug/ml



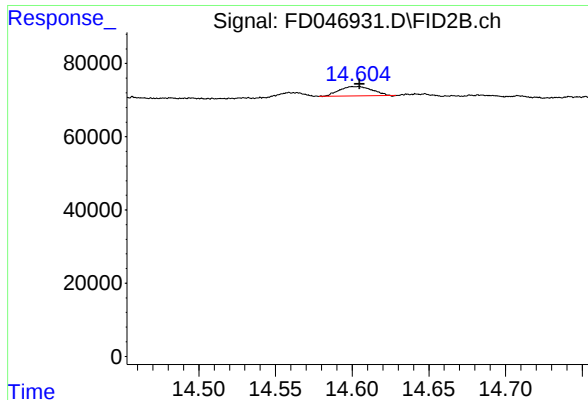
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: -0.008 min
Response: 48734
Conc: 0.29 ug/ml



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

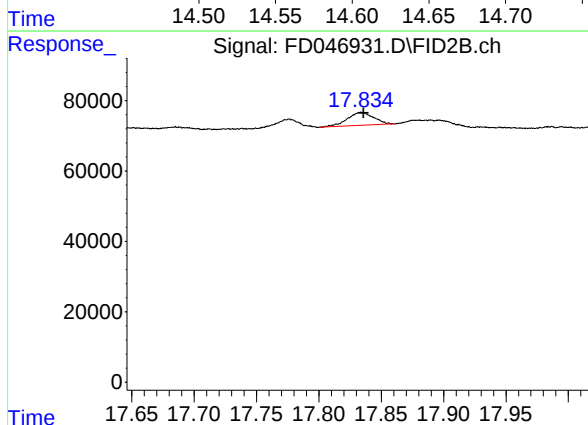
R.T.: 14.602 min
Delta R.T.: 0.040 min
Response: 39066
Conc: 0.28 ug/ml



#15 Chrysene (C27.41)

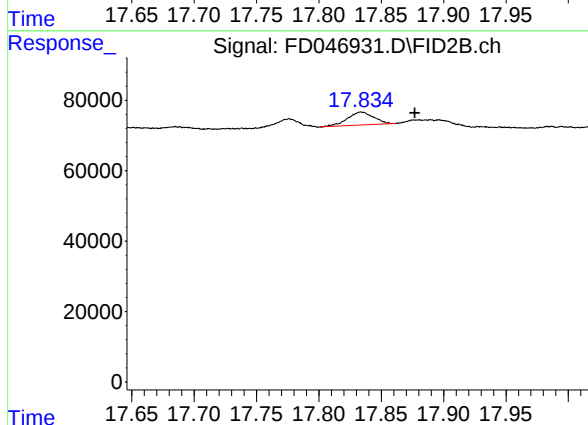
R.T.: 14.602 min
Delta R.T.: -0.003 min
Response: 39066
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.834 min
Delta R.T.: -0.002 min
Response: 54476
Conc: 0.43 ug/ml



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

R.T.: 17.834 min
Delta R.T.: -0.043 min
Response: 54476
Conc: 0.39 ug/ml