

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046924.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 06:10
 Operator : YP/AJ
 Sample : 05449-26
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 06:48:02 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...	7.480	11228183	61.567 ug/ml
Spiked Amount 50.000		Recovery =	123.13%
6) S 2-Fluorobiphenyl (SURR)	8.332	6409731	54.466 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.93%
11) S ortho-Terphenyl (SURR)	11.371	10484390	49.512 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
Target Compounds			
2) T Naphthalene (C11.7)	5.821	26963	0.135 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	86024	0.428 ug/ml
7) T Acenaphthene (C15.5)	8.389	71602	0.366 ug/ml
9) T Phenanthrene (C19.36)	10.597	46117	0.259 ug/ml
12) T Fluoranthene (C21.85)	12.397	53101	0.307 ug/ml
13) T Pyrene (C20.8)	12.690	94265	0.567 ug/ml
14) T Benzo[a]anthracene (C...	14.556	22052	0.157 ug/ml
15) T Chrysene (C27.41)	14.600	63980	0.410 ug/ml
16) T benzo[b]fluoranthene ...	16.099	29820	0.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.099	29820	0.204 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.416f	41031	0.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	95559	0.756 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	95559	0.684 ug/ml

(f)=RT Delta > 1/2 Window

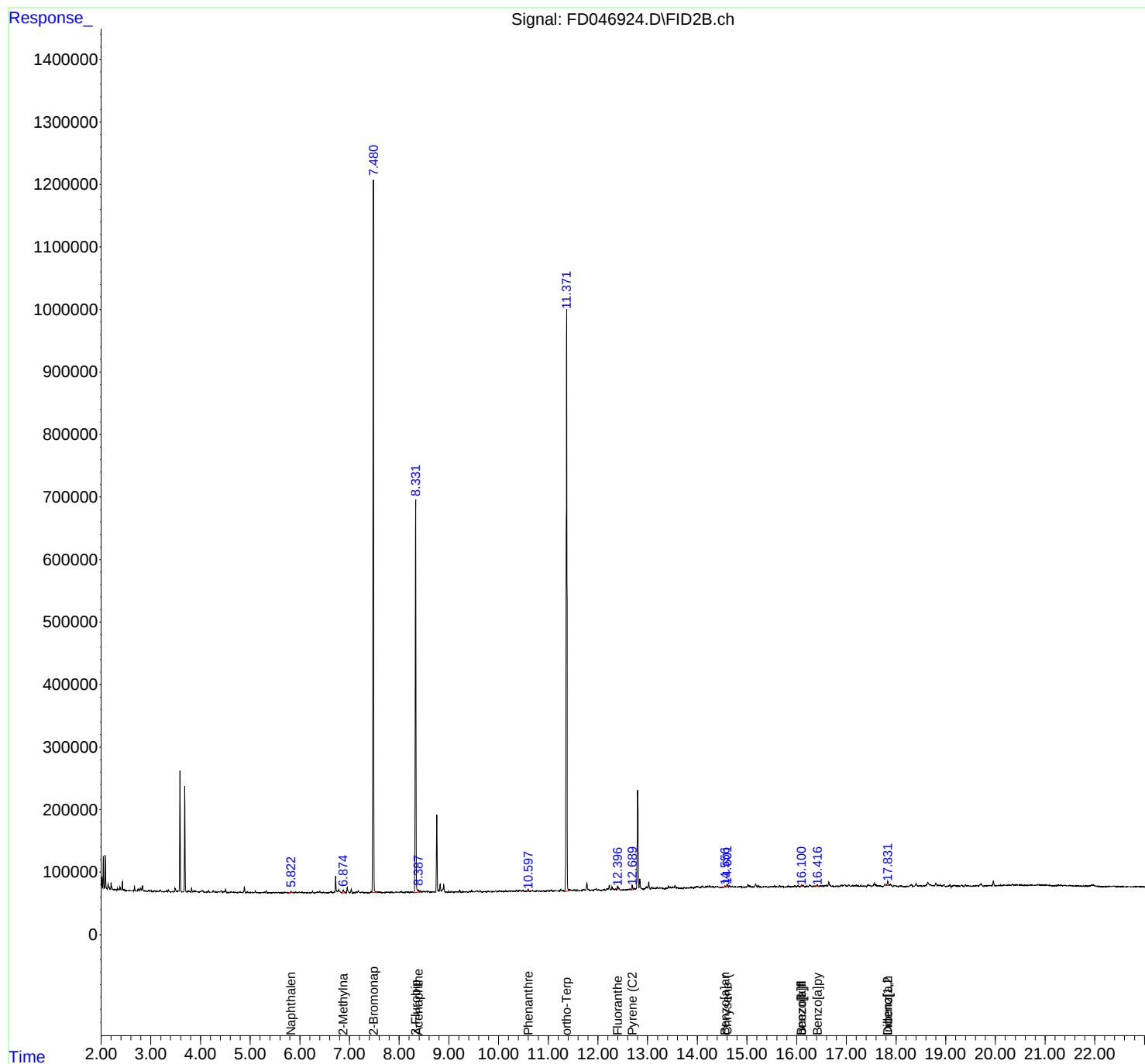
(m)=manual int.

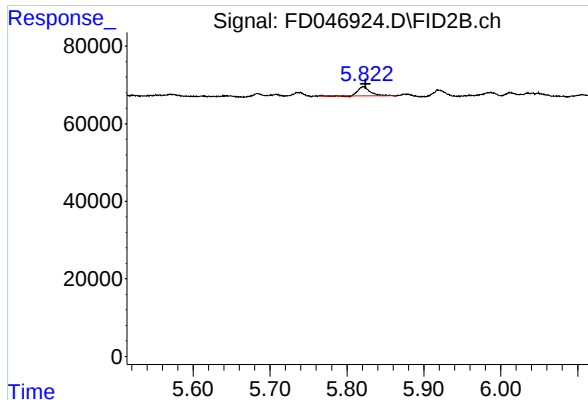
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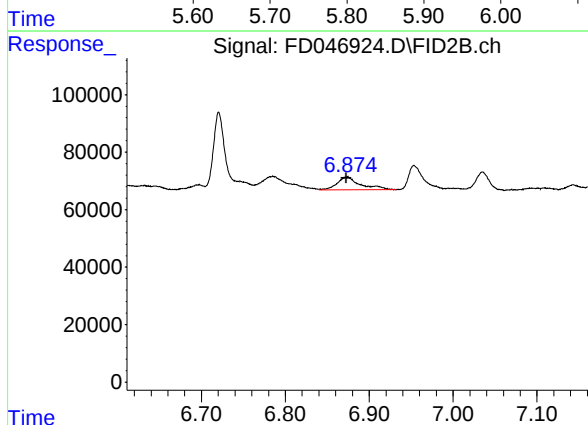




#2 Naphthalene (C11.7)

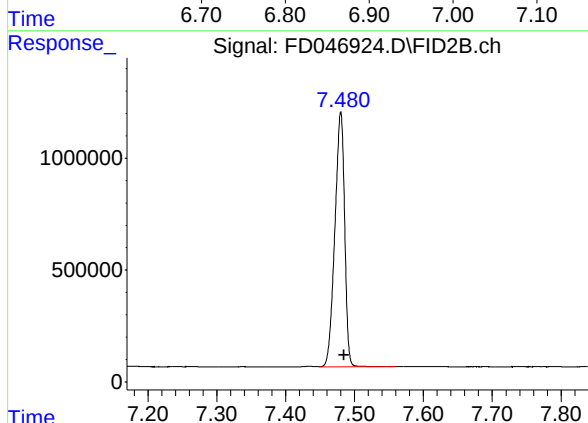
R.T.: 5.821 min
Delta R.T.: -0.003 min
Response: 26963
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



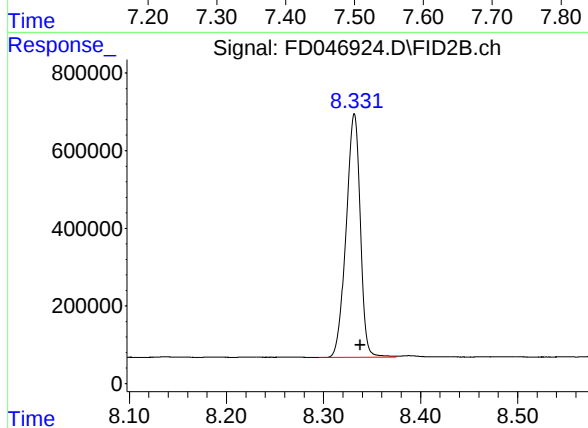
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 86024
Conc: 0.43 ug/ml



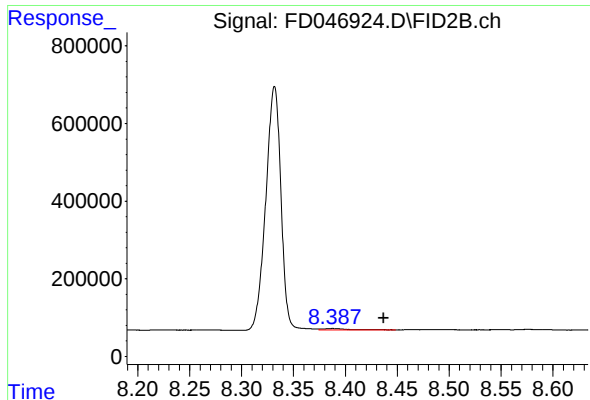
#4 2-Bromonaphthalene (SURR)

R.T.: 7.480 min
Delta R.T.: -0.005 min
Response: 11228183
Conc: 61.57 ug/ml



#6 2-Fluorobiphenyl (SURR)

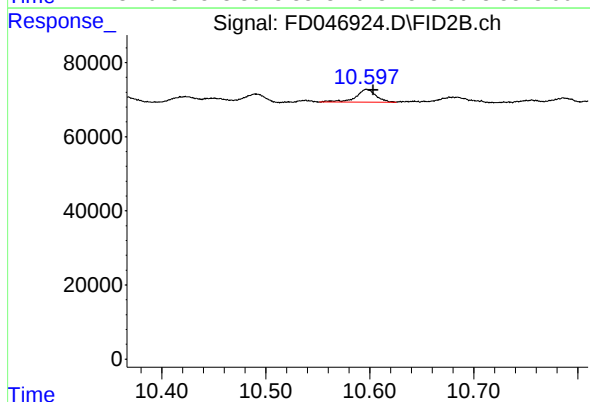
R.T.: 8.332 min
Delta R.T.: -0.006 min
Response: 6409731
Conc: 54.47 ug/ml



#7 Acenaphthene (C15.5)

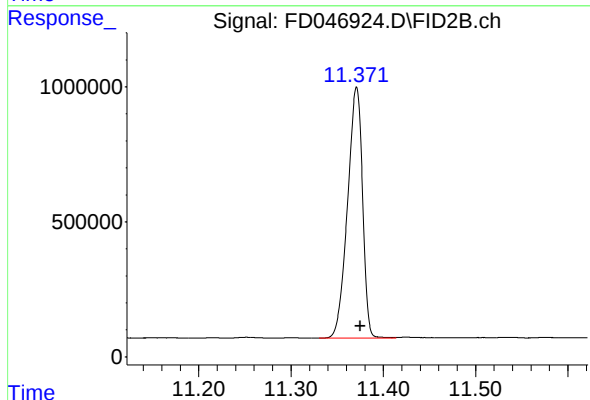
R.T.: 8.389 min
Delta R.T.: -0.048 min
Response: 71602
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



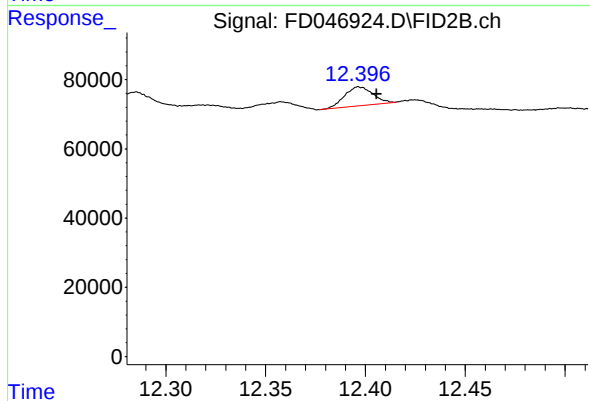
#9 Phenanthrene (C19.36)

R.T.: 10.597 min
Delta R.T.: -0.006 min
Response: 46117
Conc: 0.26 ug/ml



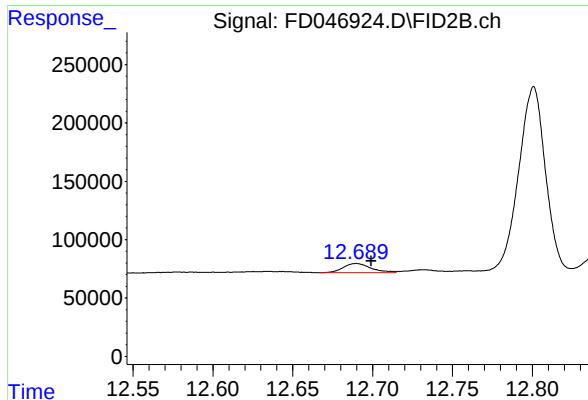
#11 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.004 min
Response: 10484390
Conc: 49.51 ug/ml



#12 Fluoranthene (C21.85)

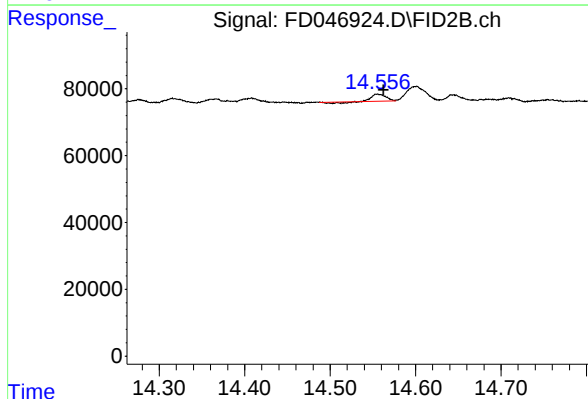
R.T.: 12.397 min
Delta R.T.: -0.008 min
Response: 53101
Conc: 0.31 ug/ml



#13 Pyrene (C20.8)

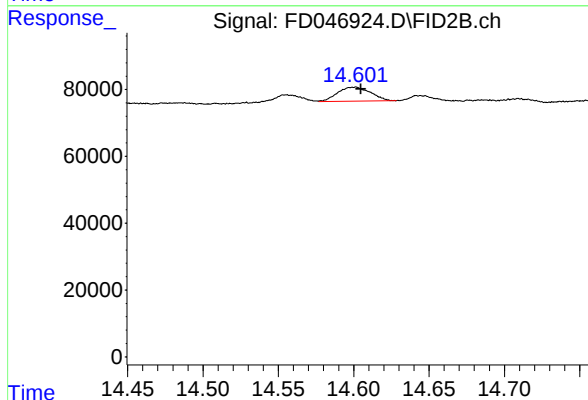
R.T.: 12.690 min
Delta R.T.: -0.009 min
Response: 94265
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



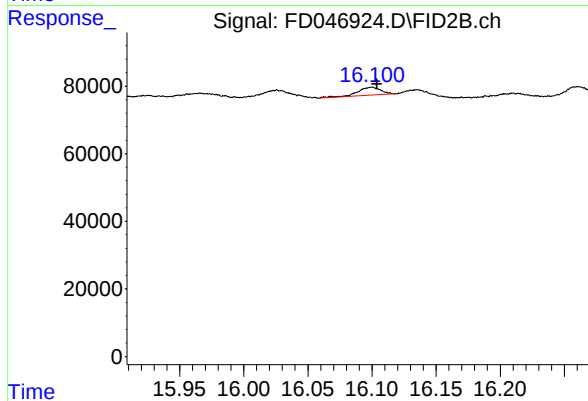
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: -0.007 min
Response: 22052
Conc: 0.16 ug/ml



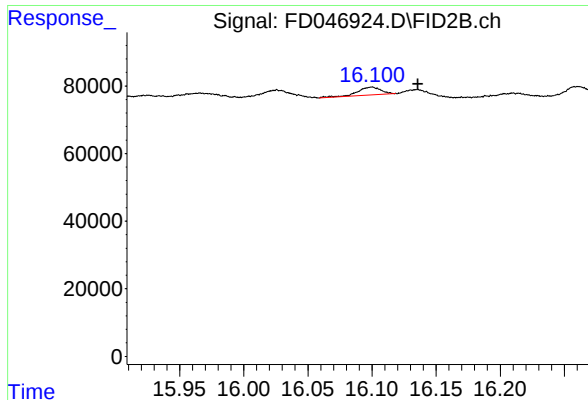
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: -0.005 min
Response: 63980
Conc: 0.41 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: -0.005 min
Response: 29820
Conc: 0.21 ug/ml



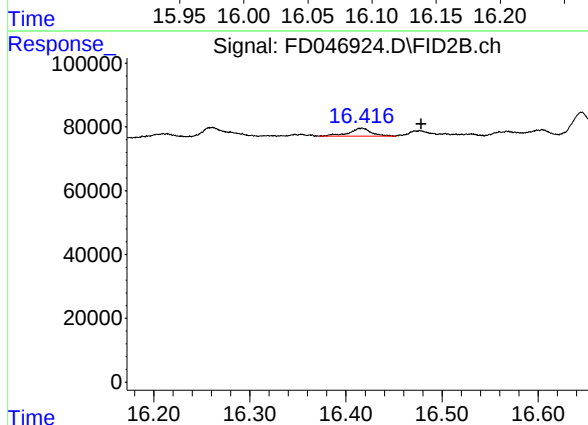
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.099 min
Delta R.T.: -0.036 min
Response: 29820
Conc: 0.20 ug/ml

Instrument :

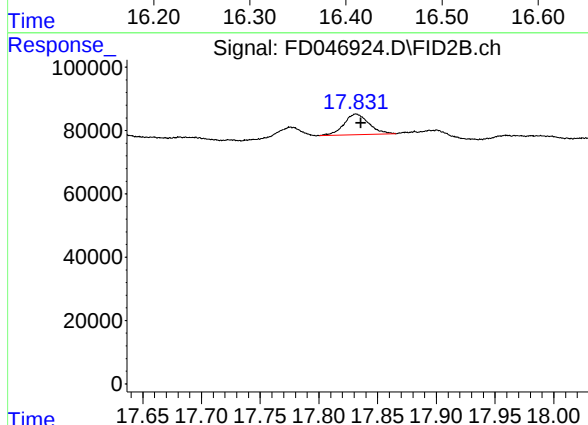
FID_D

ClientSampleId :



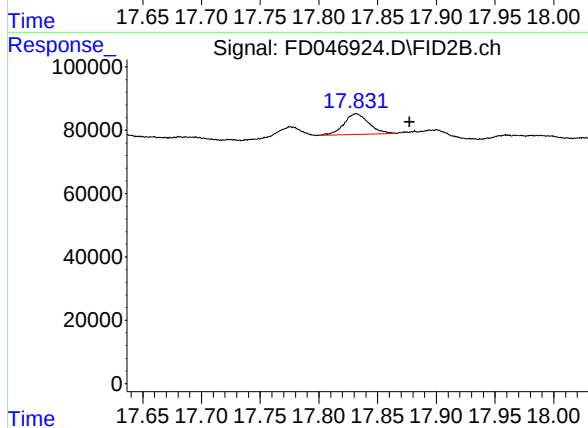
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.416 min
Delta R.T.: -0.062 min
Response: 41031
Conc: 0.29 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.004 min
Response: 95559
Conc: 0.76 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.045 min
Response: 95559
Conc: 0.68 ug/ml