

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046923.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 05:31
 Operator : YP/AJ
 Sample : 05449-25
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 06:47:54 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	7909595	43.370 ug/ml
Spiked Amount 50.000		Recovery =	86.74%
6) S 2-Fluorobiphenyl (SURR)	8.331	4343067	36.905 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.81%
11) S ortho-Terphenyl (SURR)	11.370	7486518	35.354 ug/ml
Spiked Amount 50.000		Recovery =	70.71%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.874	67564	0.336 ug/ml
7) T Acenaphthene (C15.5)	8.389	55835	0.285 ug/ml
9) T Phenanthrene (C19.36)	10.599	48225	0.271 ug/ml
12) T Fluoranthene (C21.85)	12.398	48255	0.279 ug/ml
13) T Pyrene (C20.8)	12.691	71723	0.431 ug/ml
14) T Benzo[a]anthracene (C...	14.600	52955	0.376 ug/ml
15) T Chrysene (C27.41)	14.600	52955	0.340 ug/ml
16) T benzo[b]fluoranthene ...	16.101	28211	0.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.101	28211	0.193 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	76298	0.604 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	76298	0.546 ug/ml

(f)=RT Delta > 1/2 Window

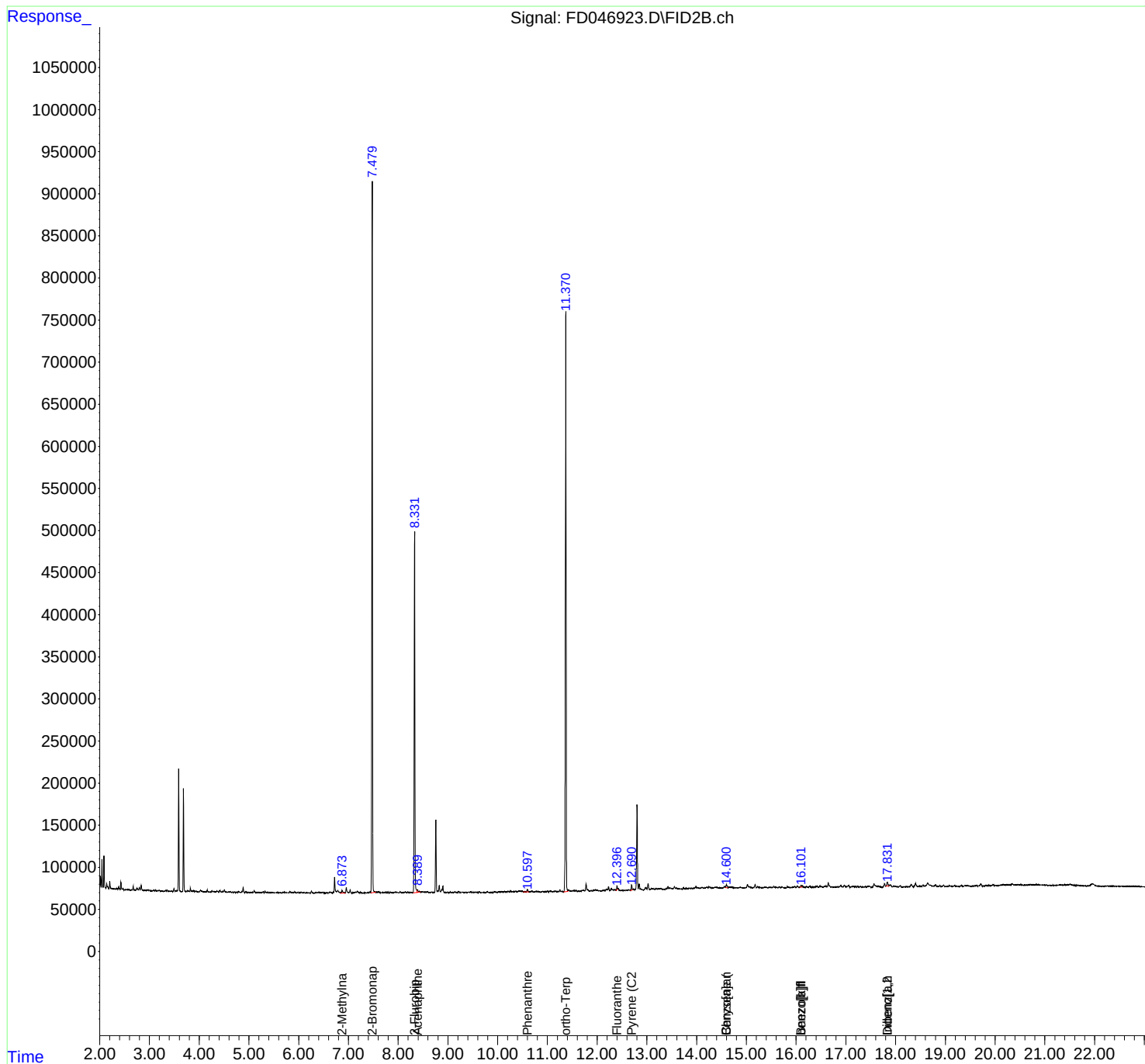
(m)=manual int.

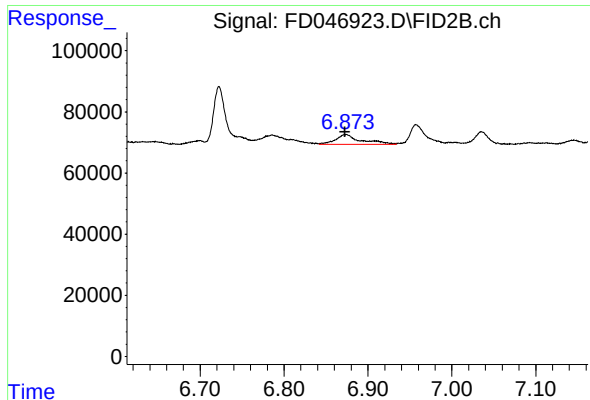
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

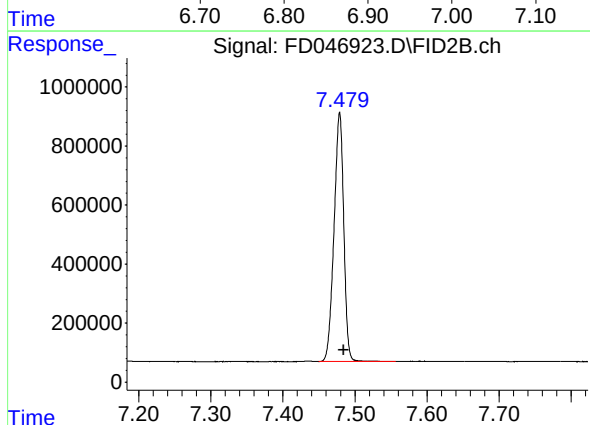




#3 2-Methylnaphthalene (C12.89)

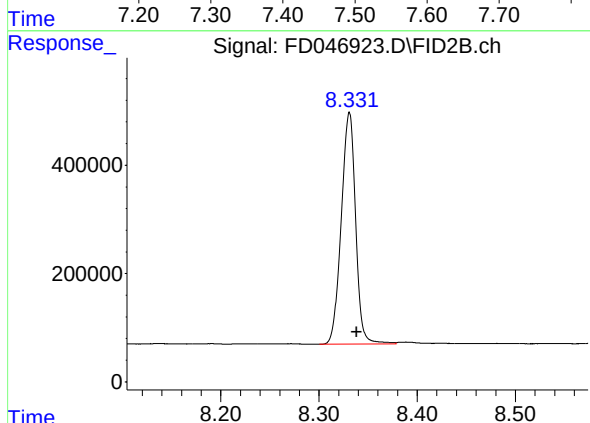
R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 67564
Conc: 0.34 ug/ml

Instrument :
FID_D
ClientSampleId :



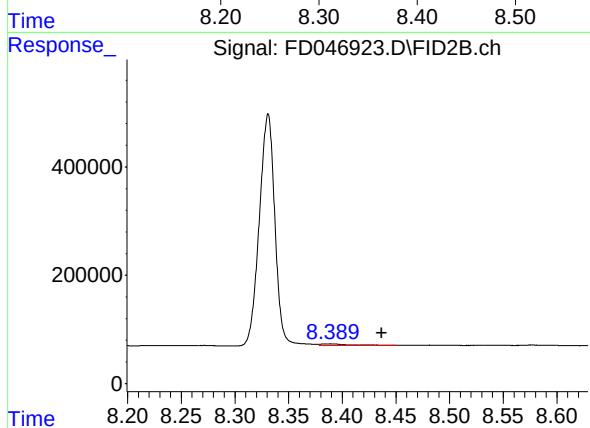
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 7909595
Conc: 43.37 ug/ml



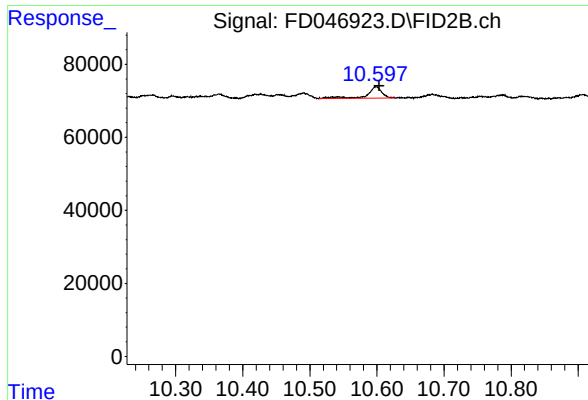
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4343067
Conc: 36.90 ug/ml



#7 Acenaphthene (C15.5)

R.T.: 8.389 min
Delta R.T.: -0.048 min
Response: 55835
Conc: 0.29 ug/ml



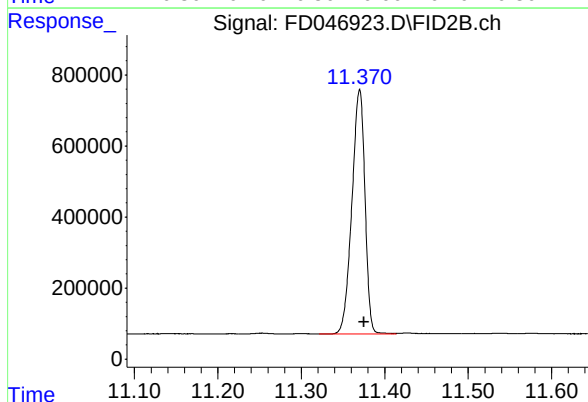
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.005 min
Response: 48225
Conc: 0.27 ug/ml

Instrument :

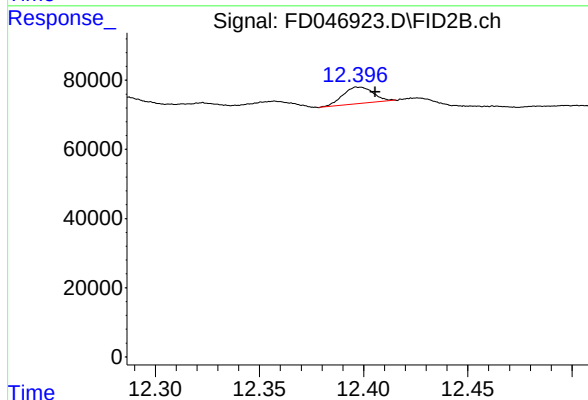
FID_D

ClientSampleId :



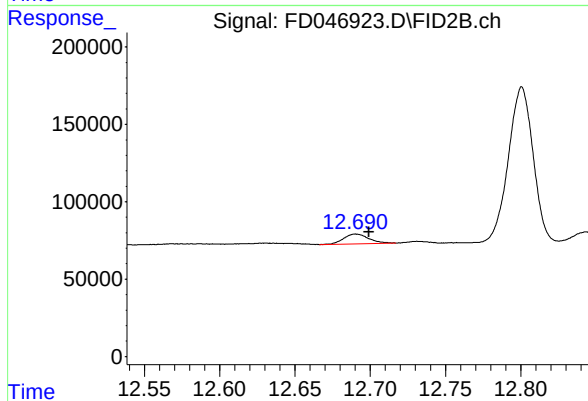
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 7486518
Conc: 35.35 ug/ml



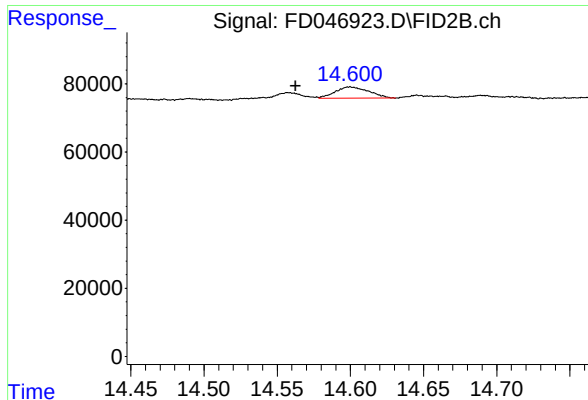
#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: -0.008 min
Response: 48255
Conc: 0.28 ug/ml



#13 Pyrene (C20.8)

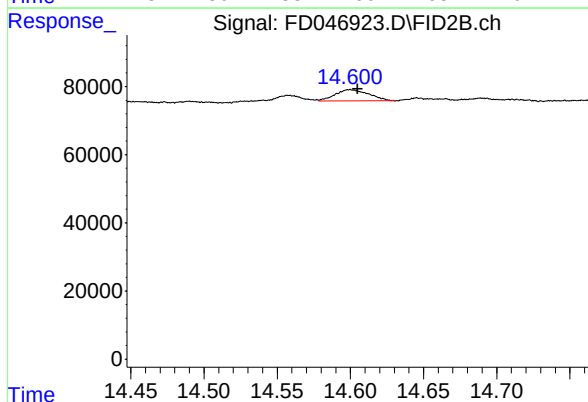
R.T.: 12.691 min
Delta R.T.: -0.009 min
Response: 71723
Conc: 0.43 ug/ml



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

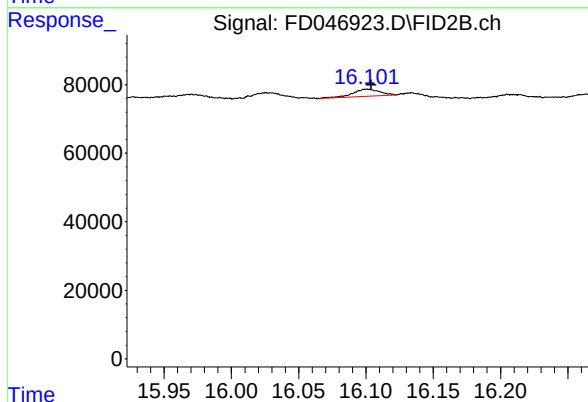
R.T.: 14.600 min
Delta R.T.: 0.037 min
Response: 52955
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



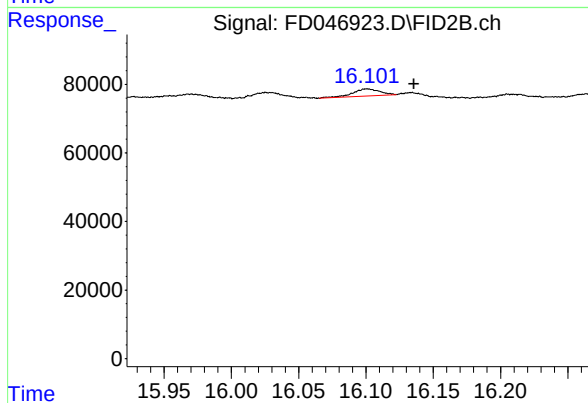
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: -0.005 min
Response: 52955
Conc: 0.34 ug/ml



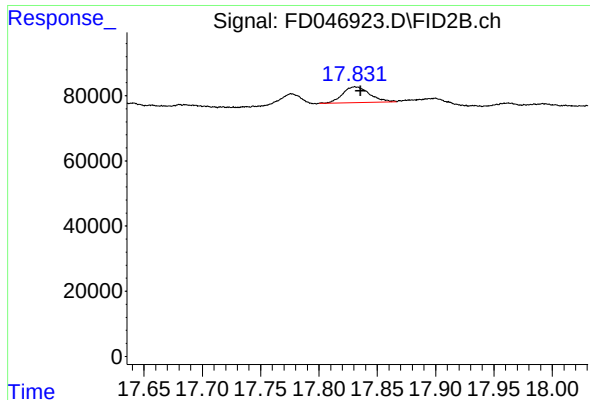
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 28211
Conc: 0.20 ug/ml



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

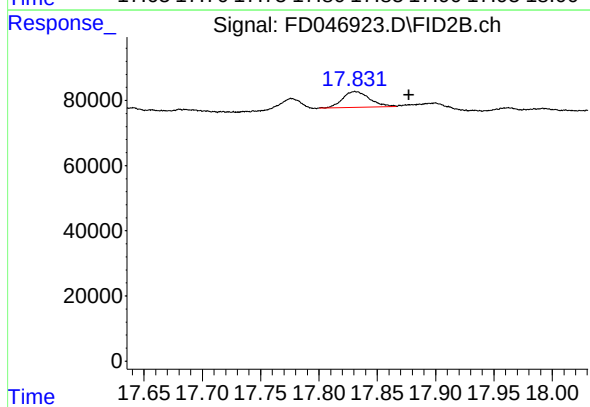
R.T.: 16.101 min
Delta R.T.: -0.035 min
Response: 28211
Conc: 0.19 ug/ml



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

R.T.: 17.831 min
Delta R.T.: -0.005 min
Response: 76298
Conc: 0.60 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.831 min
Delta R.T.: -0.046 min
Response: 76298
Conc: 0.55 ug/ml