

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048101.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 19:54
 Operator : YP/AJ
 Sample : PB162385BL
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:50:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.406	6885532	46.328 ug/ml
Spiked Amount 50.000		Recovery =	92.66%
6) S 2-Fluorobiphenyl (SURR)	8.256	4516269	47.720 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.44%
11) S ortho-Terphenyl (SURR)	11.297	7316558	43.728 ug/ml
Spiked Amount 50.000		Recovery =	87.46%
Target Compounds			
12) T Fluoranthene (C21.85)	12.297	39524	0.250 ug/ml
14) T Benzo[a]anthracene (C...	14.543	37955	0.278 ug/ml
15) T Chrysene (C27.41)	14.543	37955	0.235 ug/ml
16) T benzo[b]fluoranthene ...	16.081	47616	0.331 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	47616	0.319 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	92550	0.821 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	92550	0.637 ug/ml

(f)=RT Delta > 1/2 Window

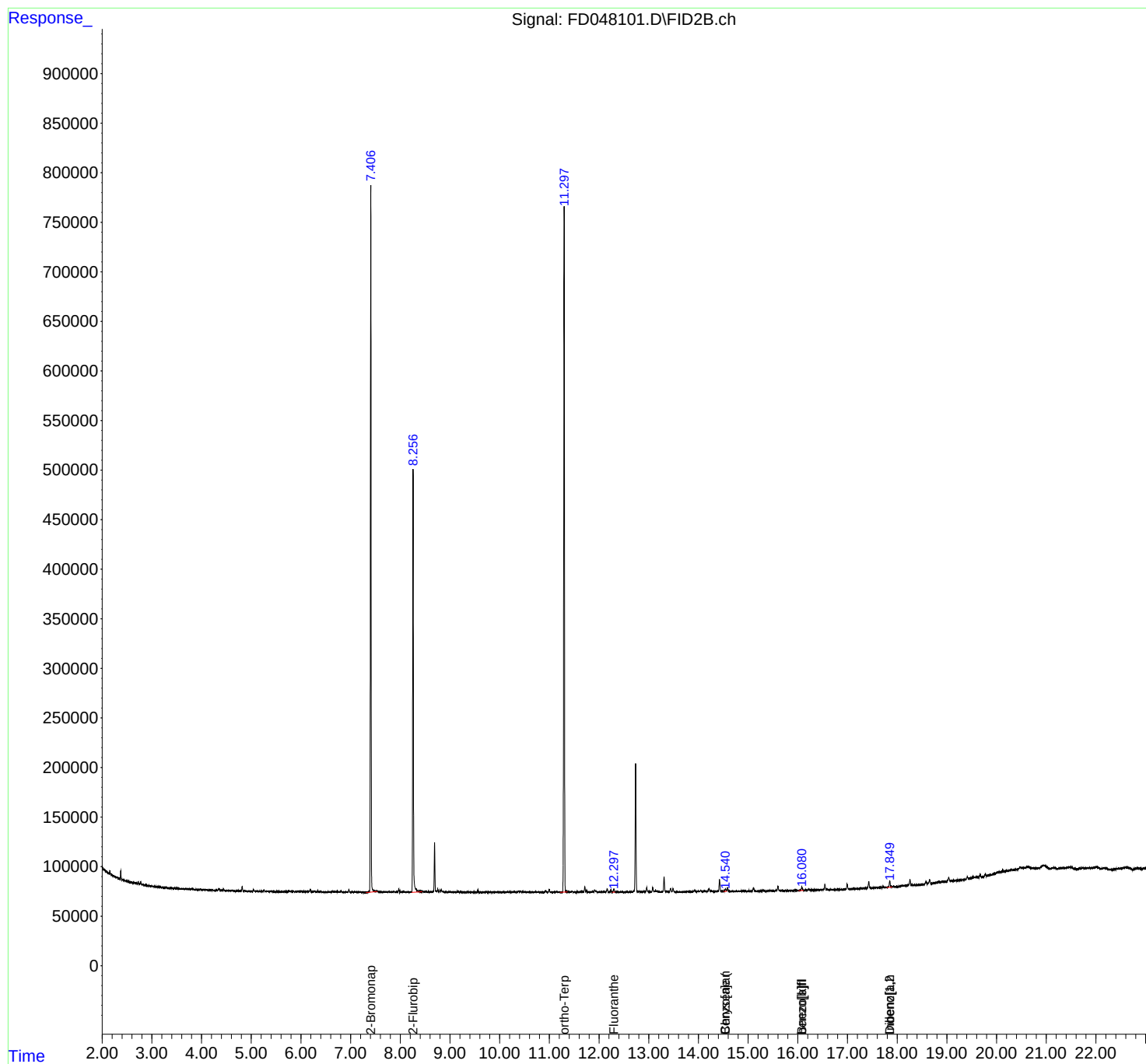
(m)=manual int.

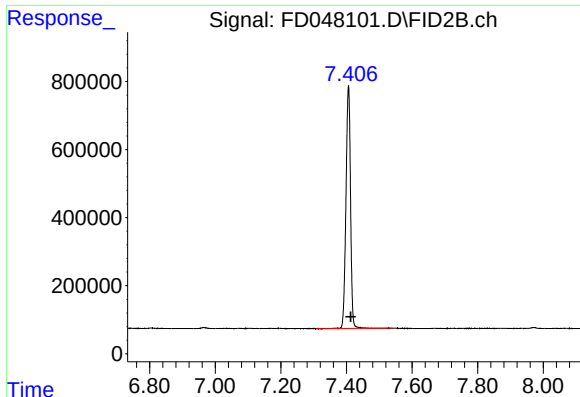
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

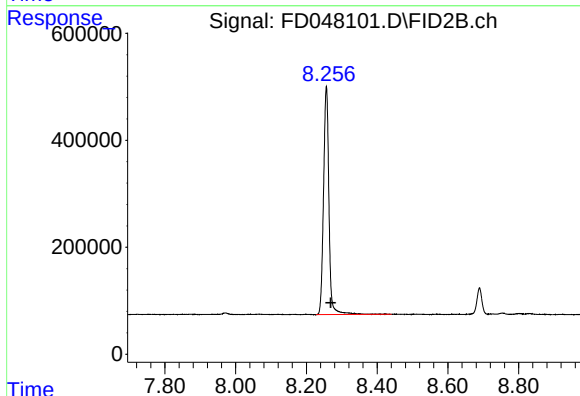




#4 2-Bromonaphthalene (SURR)

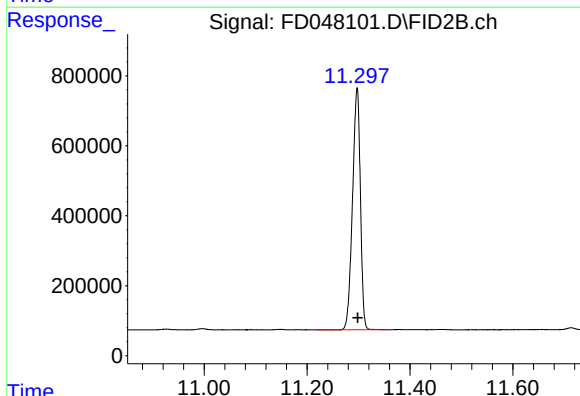
R.T.: 7.406 min
Delta R.T.: -0.007 min
Response: 6885532
Conc: 46.33 ug/ml

Instrument :
FID_D
ClientSampleId :



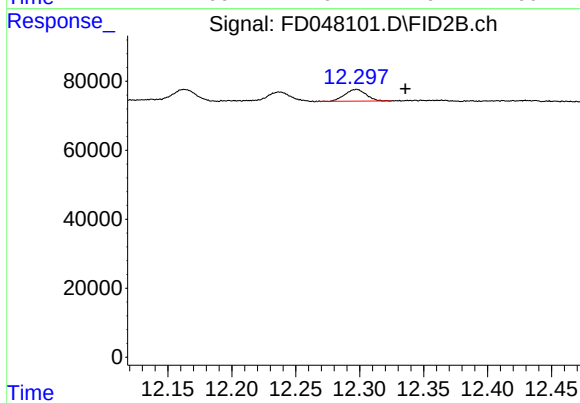
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.256 min
Delta R.T.: -0.013 min
Response: 4516269
Conc: 47.72 ug/ml



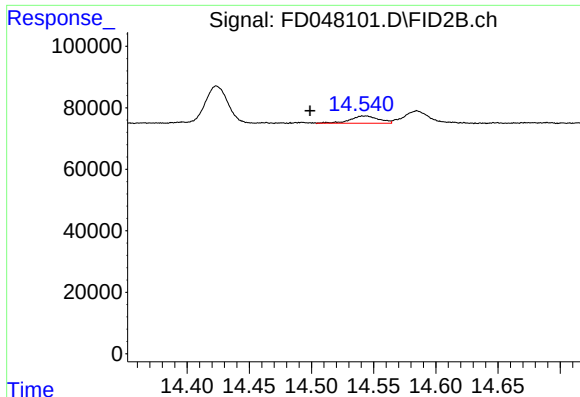
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: -0.002 min
Response: 7316558
Conc: 43.73 ug/ml



#12 Fluoranthene (C21.85)

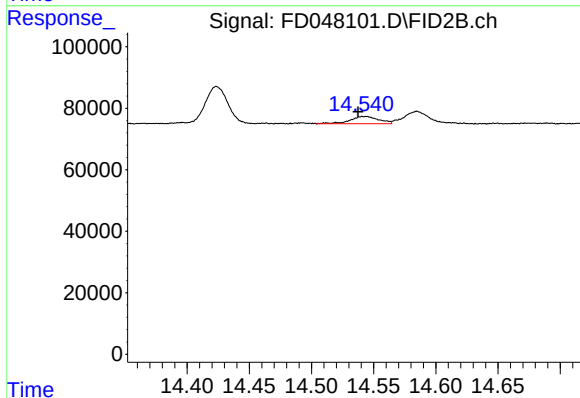
R.T.: 12.297 min
Delta R.T.: -0.039 min
Response: 39524
Conc: 0.25 ug/ml



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

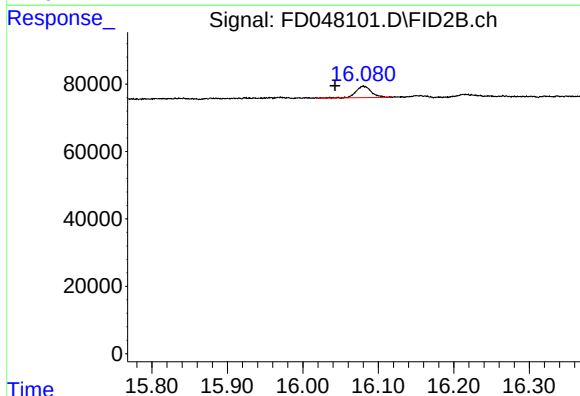
R.T.: 14.543 min
Delta R.T.: 0.044 min
Response: 37955
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



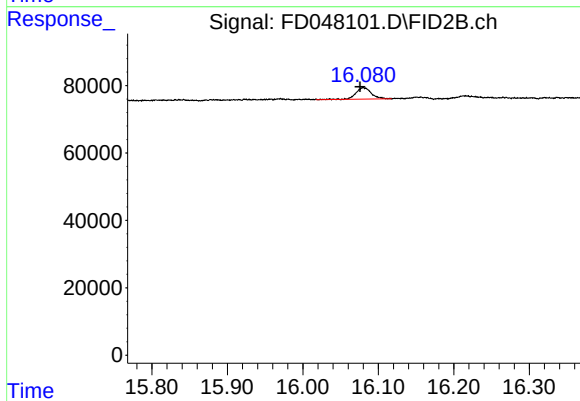
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: 0.005 min
Response: 37955
Conc: 0.24 ug/ml



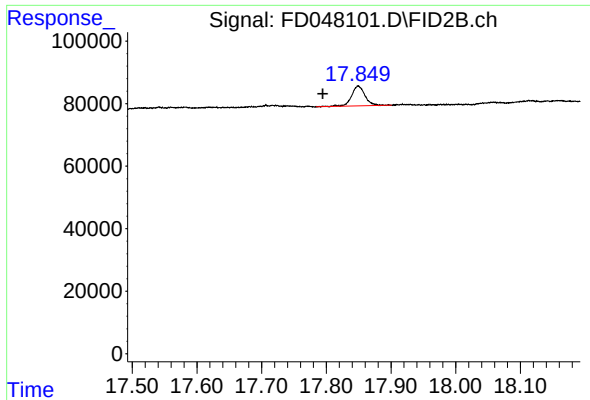
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.081 min
Delta R.T.: 0.038 min
Response: 47616
Conc: 0.33 ug/ml



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

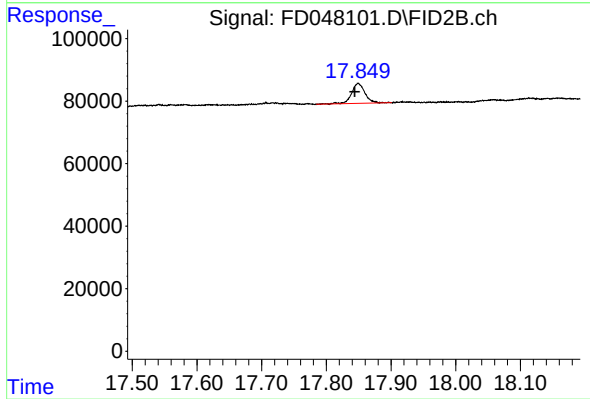
R.T.: 16.081 min
Delta R.T.: 0.005 min
Response: 47616
Conc: 0.32 ug/ml



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

R.T.: 17.849 min
Delta R.T.: 0.055 min
Response: 92550
Conc: 0.82 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.849 min
Delta R.T.: 0.006 min
Response: 92550
Conc: 0.64 ug/ml