

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048180.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 05:05
 Operator : YP/AJ
 Sample : P3479-06
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 06:16:51 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...	7.401	7522807	50.616 ug/ml
Spiked Amount 50.000		Recovery =	101.23%
6) S 2-Fluorobiphenyl (SURR)	8.251	4858828	51.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.68%
11) S ortho-Terphenyl (SURR)	11.288	5487623	32.797 ug/ml
Spiked Amount 50.000		Recovery =	65.59%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.800	40746	0.235 ug/ml
8) T Flouorene (C16.55)	9.143	31894	0.196 ug/ml
12) T Fluoranthene (C21.85)	12.322	113676	0.718 ug/ml
13) T Pyrene (C20.8)	12.614	76211	0.482 ug/ml
14) T Benzo[a]anthracene (C...	14.487	31363	0.230 ug/ml
15) T Chrysene (C27.41)	14.530	97205	0.603 ug/ml
16) T benzo[b]fluoranthene ...	16.033	105329	0.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.069	74590	0.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	131803	1.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	169207	1.164 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	53376	0.362 ug/ml

(f)=RT Delta > 1/2 Window

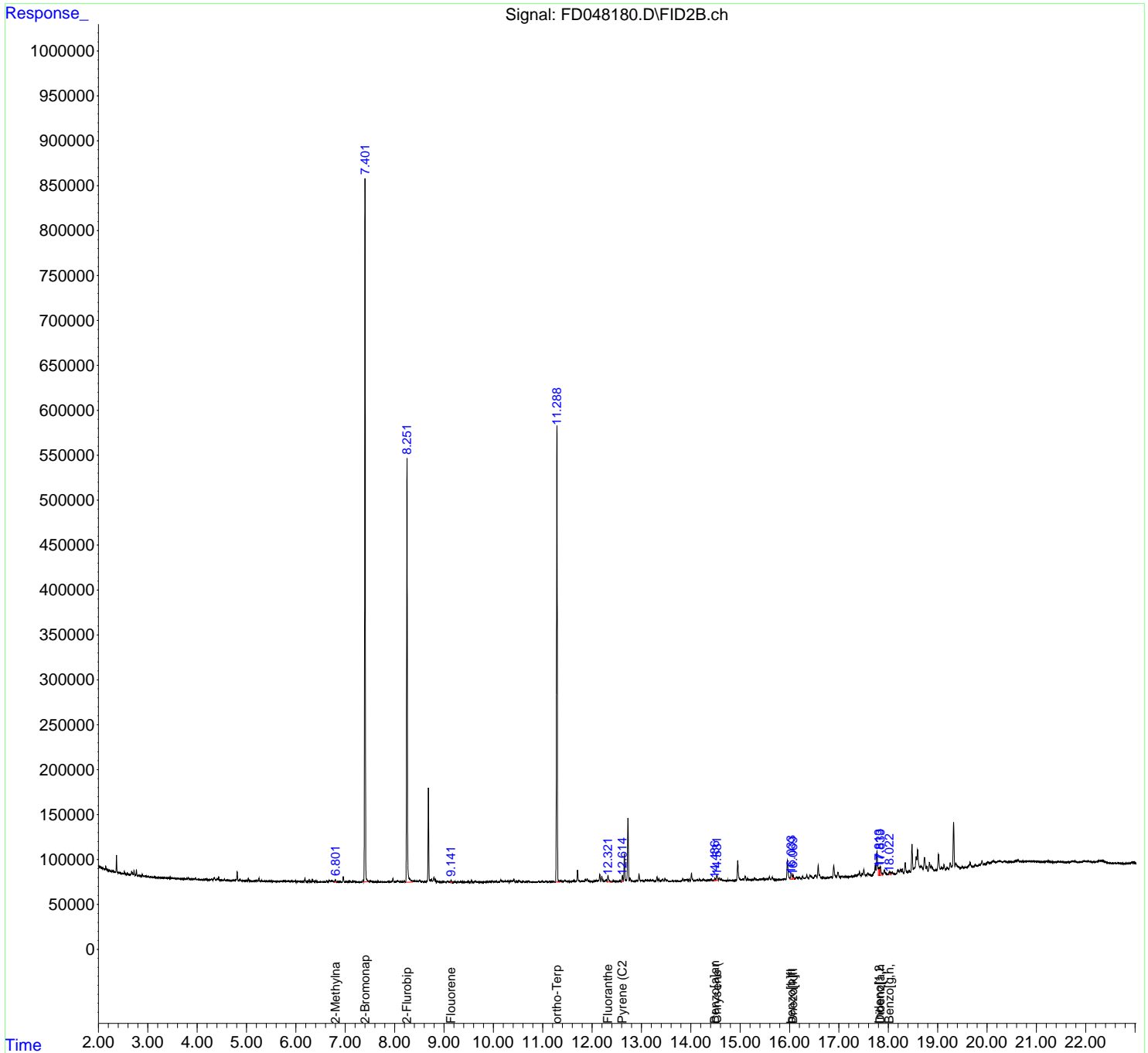
(m)=manual int.

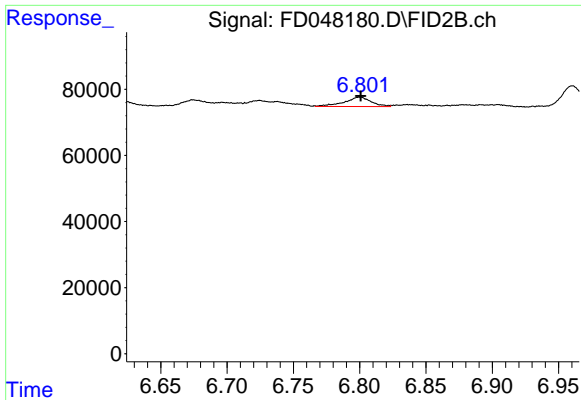
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 Signal Info : 20M x 0.18mm x 0.18µm

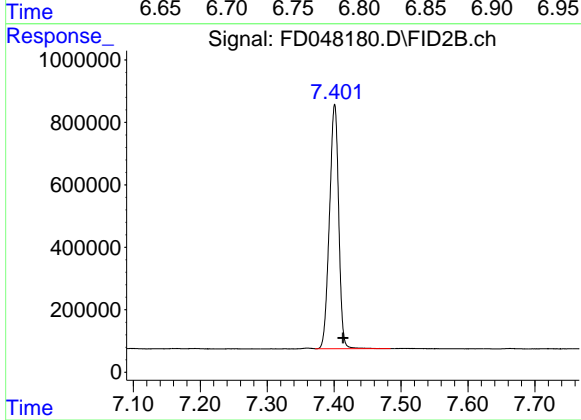




#3 2-Methylnaphthalene (C12.89)

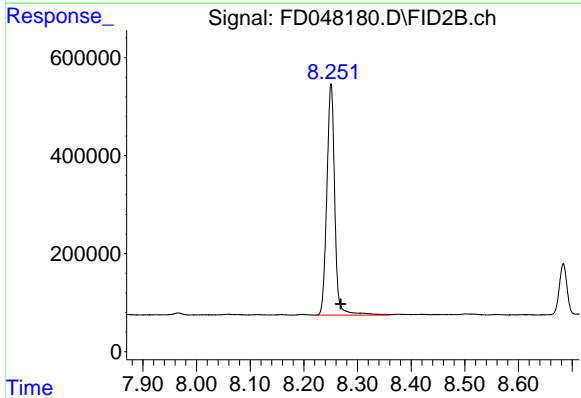
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 40746
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



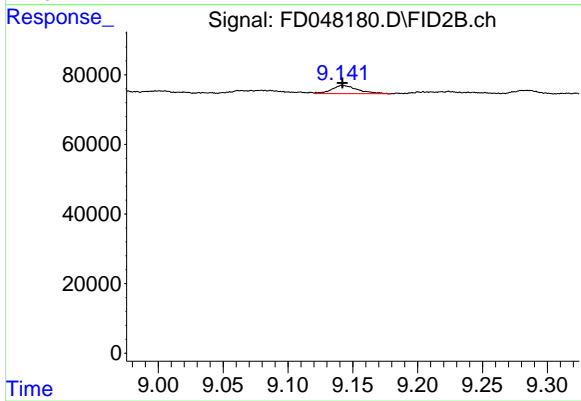
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.401 min
Delta R.T.: -0.013 min
Response: 7522807
Conc: 50.62 ug/ml



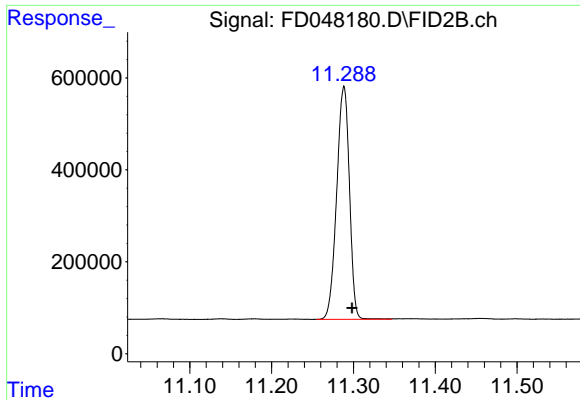
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 4858828
Conc: 51.34 ug/ml



#8 Fluorene (C16.55)

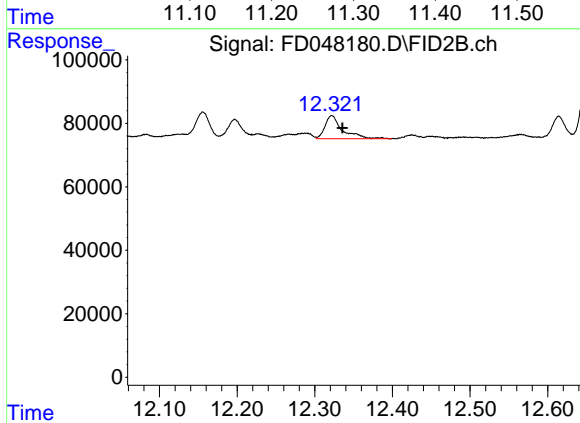
R.T.: 9.143 min
Delta R.T.: 0.001 min
Response: 31894
Conc: 0.20 ug/ml



#11 ortho-Terphenyl (SURR)

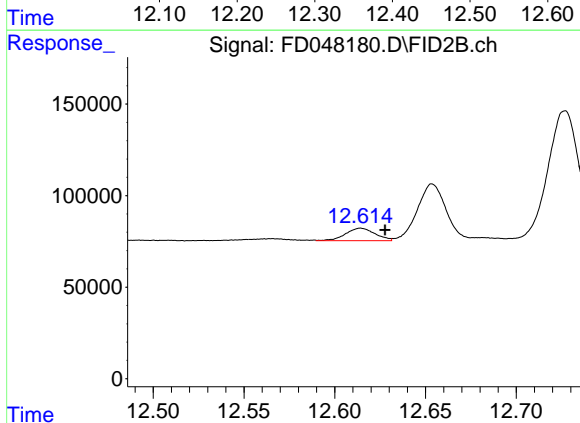
R.T.: 11.288 min
 Delta R.T.: -0.010 min
 Response: 5487623
 Conc: 32.80 ug/ml

Instrument :
 FID_D
 ClientSampleId :



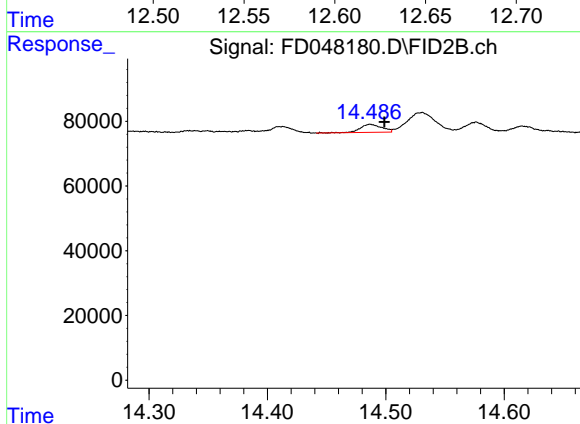
#12 Fluoranthene (C21.85)

R.T.: 12.322 min
 Delta R.T.: -0.014 min
 Response: 113676
 Conc: 0.72 ug/ml



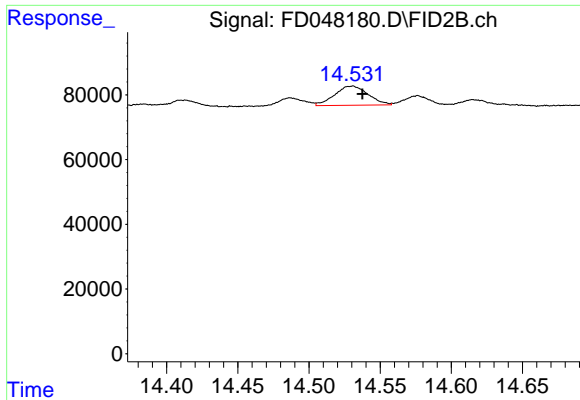
#13 Pyrene (C20.8)

R.T.: 12.614 min
 Delta R.T.: -0.013 min
 Response: 76211
 Conc: 0.48 ug/ml



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

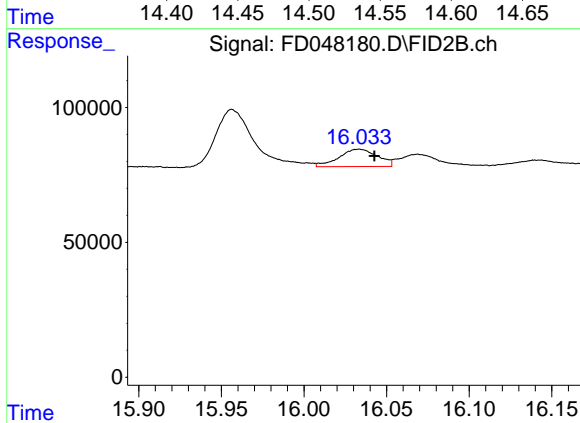
R.T.: 14.487 min
 Delta R.T.: -0.012 min
 Response: 31363
 Conc: 0.23 ug/ml



#15 Chrysene (C27.41)

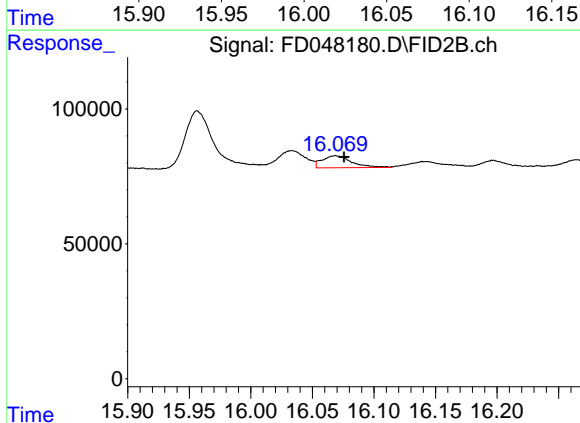
R.T.: 14.530 min
 Delta R.T.: -0.007 min
 Response: 97205
 Conc: 0.60 ug/ml

Instrument :
 FID_D
 ClientSampleId :



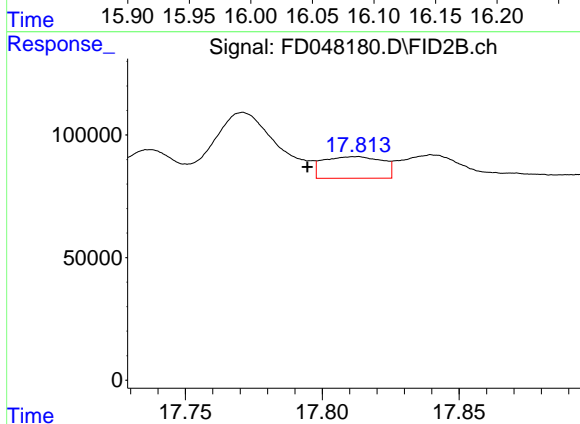
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.033 min
 Delta R.T.: -0.009 min
 Response: 105329
 Conc: 0.73 ug/ml



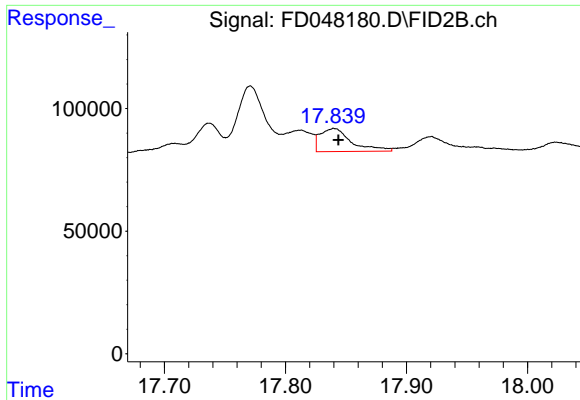
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.069 min
 Delta R.T.: -0.007 min
 Response: 74590
 Conc: 0.50 ug/ml



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

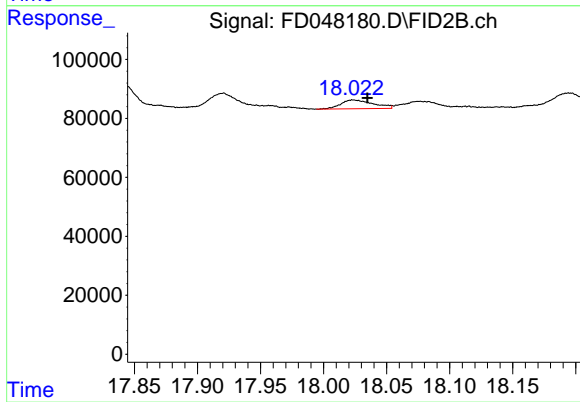
R.T.: 17.812 min
 Delta R.T.: 0.017 min
 Response: 131803
 Conc: 1.17 ug/ml



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

R.T.: 17.840 min
Delta R.T.: -0.004 min
Response: 169207
Conc: 1.16 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.024 min
Delta R.T.: -0.010 min
Response: 53376
Conc: 0.36 ug/ml