

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071624AR\
 Data File : FD048006.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2024 14:11
 Operator : YP/AJ
 Sample : P3245-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 01:36:15 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...	7.410	6352322	42.741 ug/ml
Spiked Amount 50.000		Recovery =	85.48%
6) S 2-Fluorobiphenyl (SURR)	8.261	4021584	42.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.99%
11) S ortho-Terphenyl (SURR)	11.300	4995493	29.856 ug/ml
Spiked Amount 50.000		Recovery =	59.71%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.811	28352	0.163 ug/ml
12) T Fluoranthene (C21.85)	12.303	23069	0.146 ug/ml
14) T Benzo[a]anthracene (C...	14.431f	77401	0.567 ug/ml
15) T Chrysene (C27.41)	14.591	40318	0.250 ug/ml
16) T benzo[b]fluoranthene ...	16.088	38290	0.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	38290	0.256 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.789	70492	0.625 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	103808	0.714 ug/ml

(f)=RT Delta > 1/2 Window

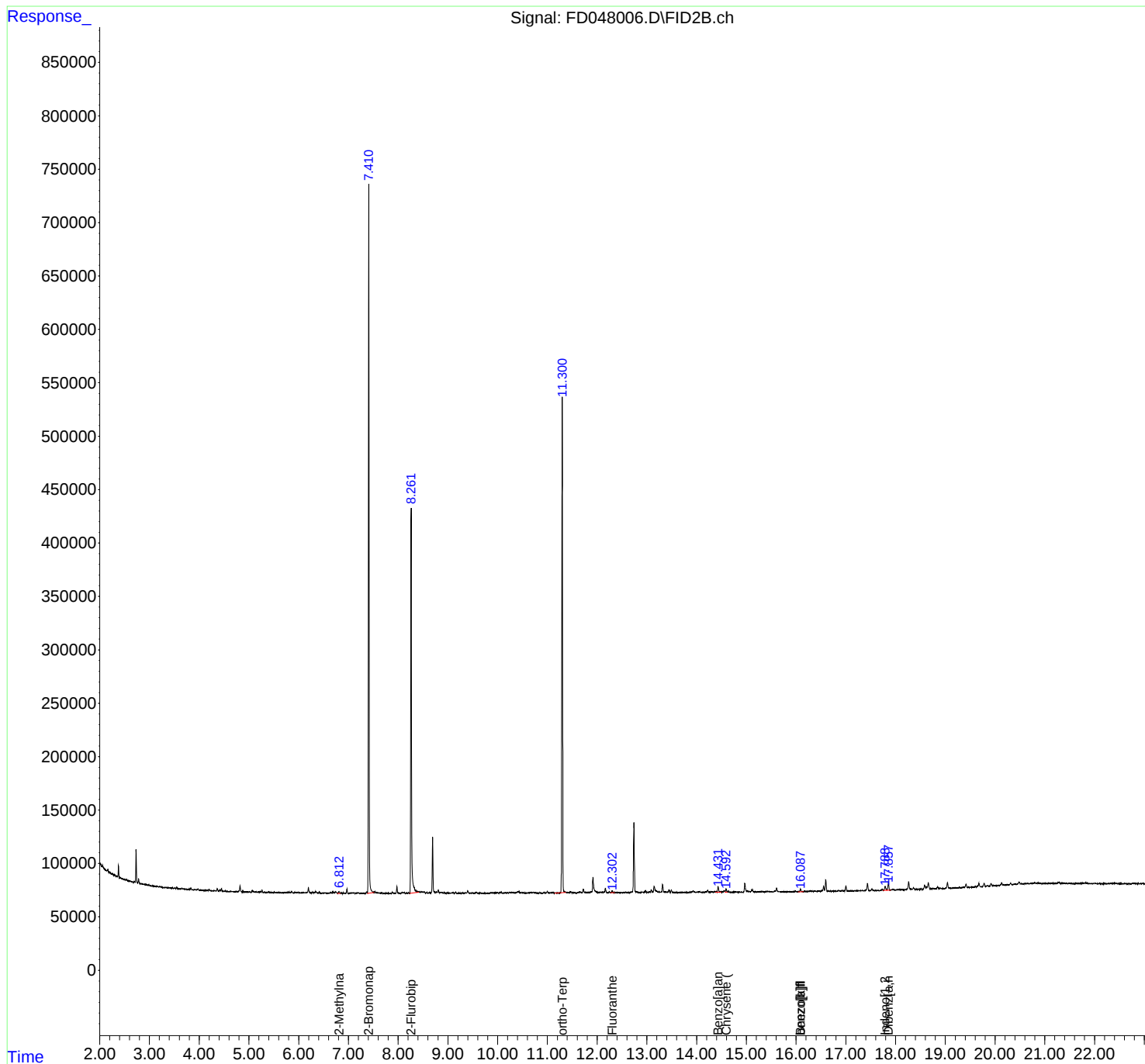
(m)=manual int.

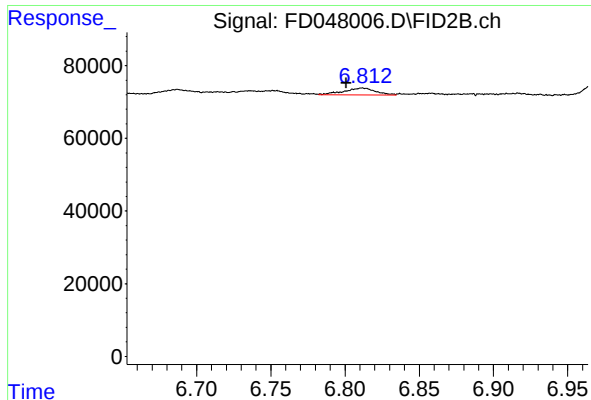
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

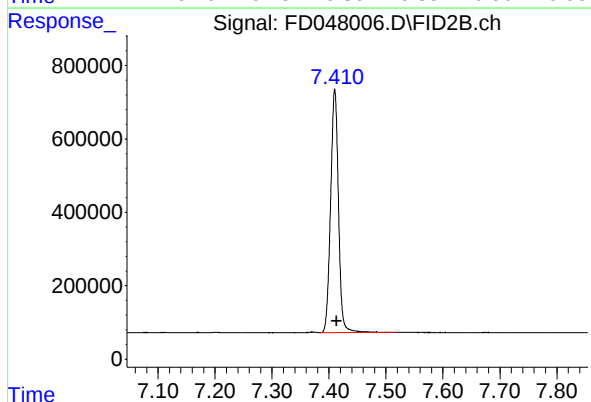




#3 2-Methylnaphthalene (C12.89)

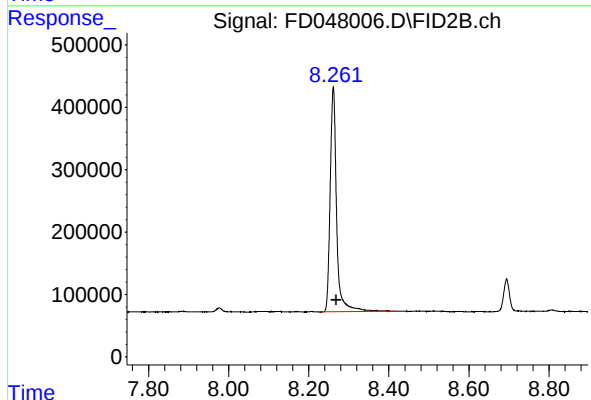
R.T.: 6.811 min
Delta R.T.: 0.011 min
Response: 28352
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



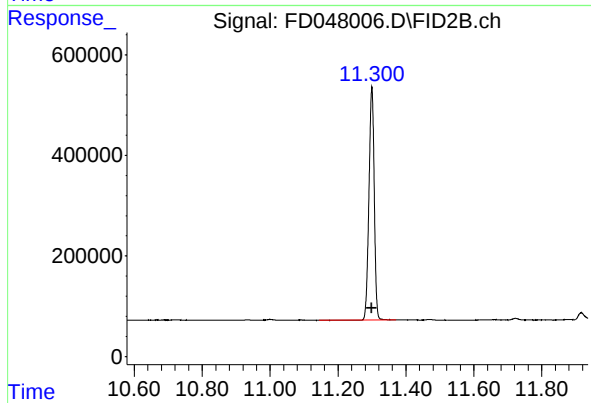
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 6352322
Conc: 42.74 ug/ml



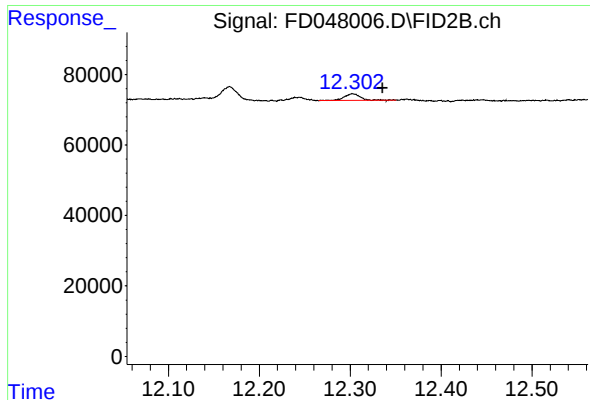
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 4021584
Conc: 42.49 ug/ml



#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: 0.001 min
Response: 4995493
Conc: 29.86 ug/ml



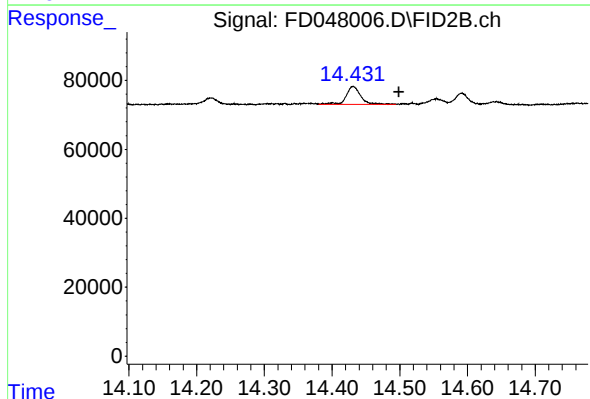
#12 Fluoranthene (C21.85)

R.T.: 12.303 min
Delta R.T.: -0.033 min
Response: 23069
Conc: 0.15 ug/ml

Instrument :

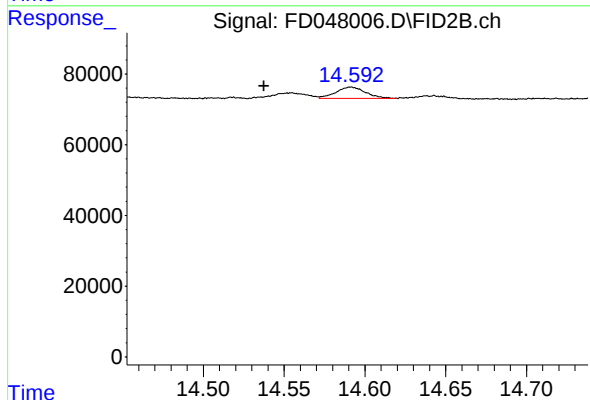
FID_D

ClientSampleId :



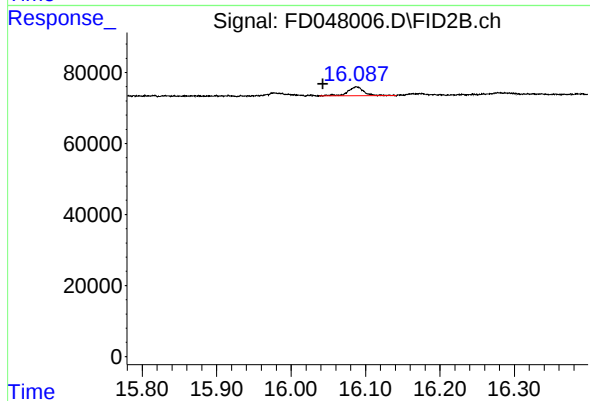
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: -0.068 min
Response: 77401
Conc: 0.57 ug/ml



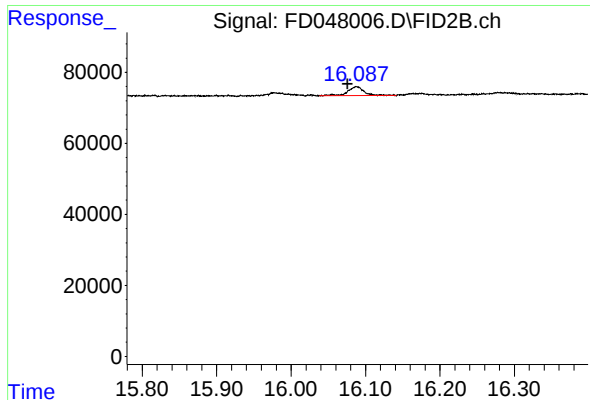
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.054 min
Response: 40318
Conc: 0.25 ug/ml



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

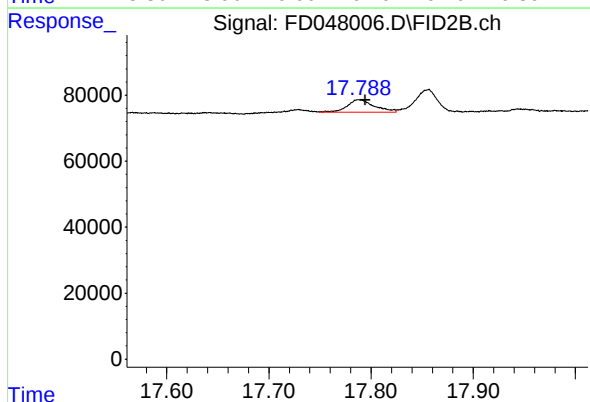
R.T.: 16.088 min
Delta R.T.: 0.045 min
Response: 38290
Conc: 0.27 ug/ml



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

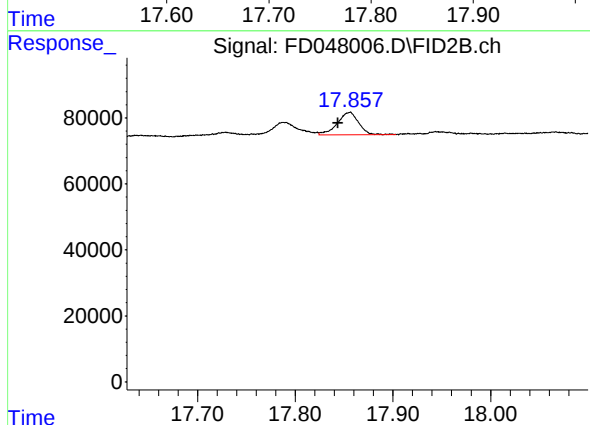
R.T.: 16.088 min
Delta R.T.: 0.012 min
Response: 38290
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.789 min
Delta R.T.: -0.006 min
Response: 70492
Conc: 0.63 ug/ml



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

R.T.: 17.855 min
Delta R.T.: 0.011 min
Response: 103808
Conc: 0.71 ug/ml