

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048161.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 16:23
 Operator : YP/AJ
 Sample : PB162552BL
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:20:27 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...	7.398	5989590	40.300 ug/ml
Spiked Amount 50.000		Recovery =	80.60%
6) S 2-Fluorobiphenyl (SURR)	8.249	2168056	22.908 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.82%
11) S ortho-Terphenyl (SURR)	11.289	8716457	52.095 ug/ml
Spiked Amount 50.000		Recovery =	104.19%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.798	29338	0.169 ug/ml
12) T Fluoranthene (C21.85)	12.288	21177	0.134 ug/ml
14) T Benzo[a]anthracene (C...	14.531	30142	0.221 ug/ml
15) T Chrysene (C27.41)	14.531	30142	0.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	52882	0.354 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	64889	0.458 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	252752	2.241 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	504096	3.469 ug/ml
21) T Benzo[g,h,i]perylene ...	18.016	120567	0.818 ug/ml

(f)=RT Delta > 1/2 Window

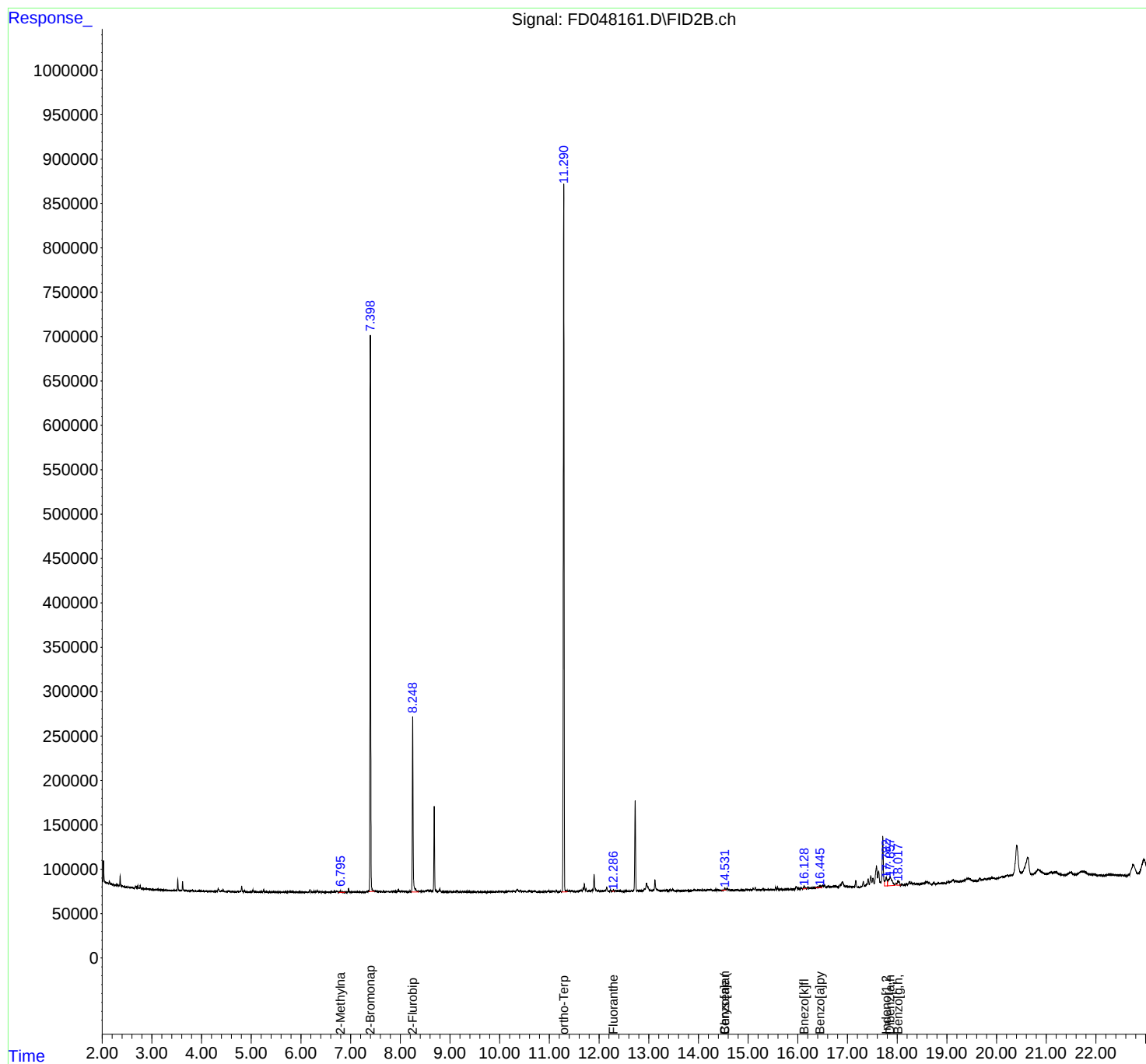
(m)=manual int.

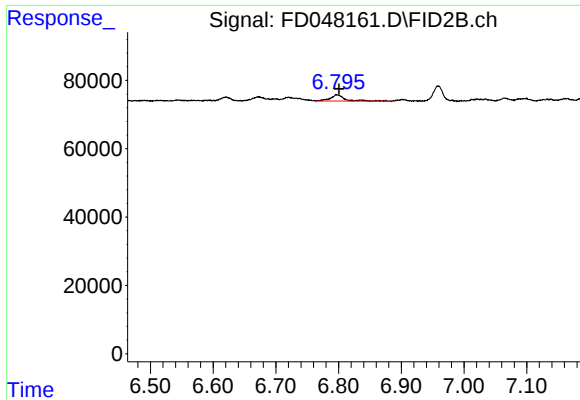
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

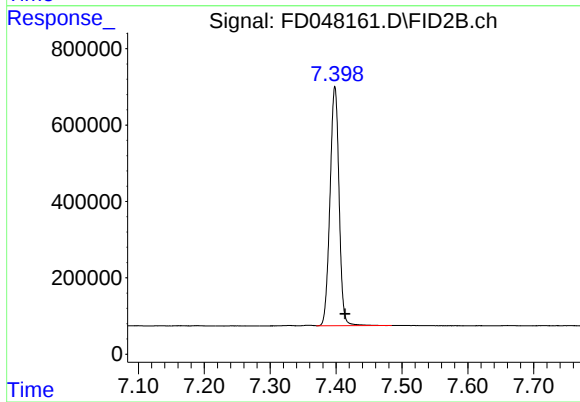




#3 2-Methylnaphthalene (C12.89)

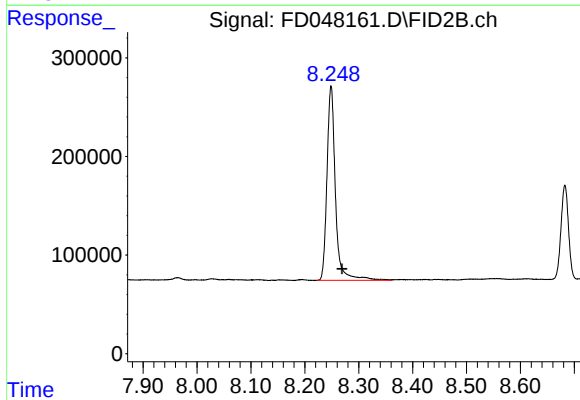
R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 29338
Conc: 0.17 ug/ml

Instrument :
FID_D
ClientSampleId :



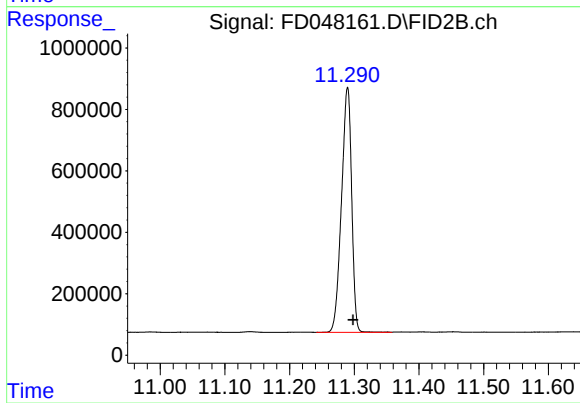
#4 2-Bromonaphthalene (SURR)

R.T.: 7.398 min
Delta R.T.: -0.015 min
Response: 5989590
Conc: 40.30 ug/ml



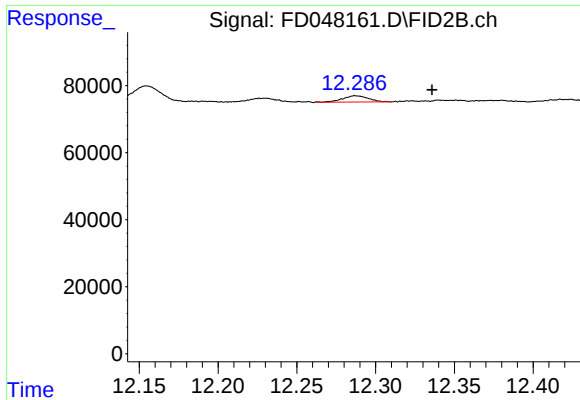
#6 2-Flurobiphenyl (SURR)

R.T.: 8.249 min
Delta R.T.: -0.020 min
Response: 2168056
Conc: 22.91 ug/ml



#11 ortho-Terphenyl (SURR)

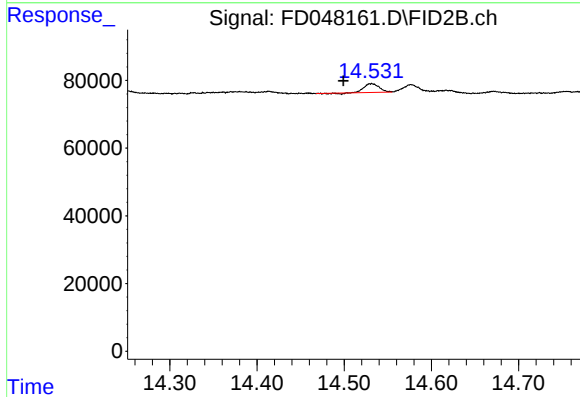
R.T.: 11.289 min
Delta R.T.: -0.009 min
Response: 8716457
Conc: 52.09 ug/ml



#12 Fluoranthene (C21.85)

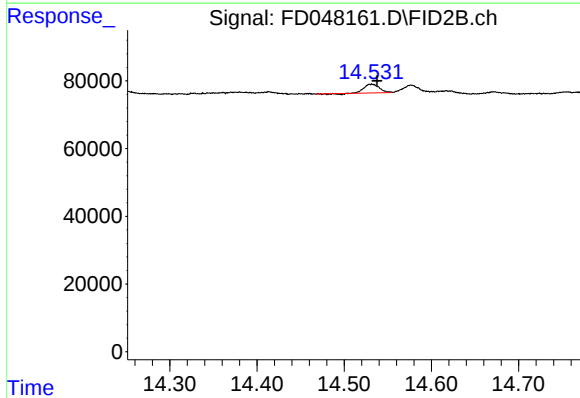
R.T.: 12.288 min
Delta R.T.: -0.048 min
Response: 21177
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



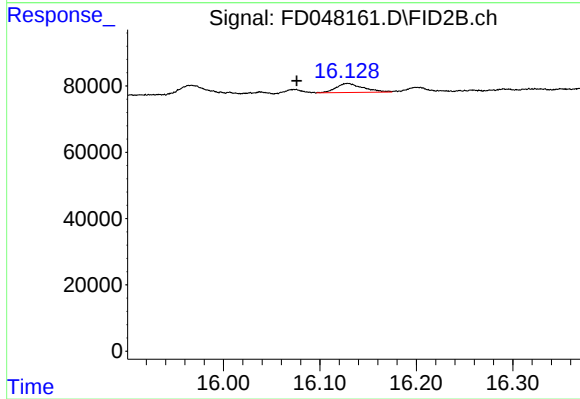
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: 0.032 min
Response: 30142
Conc: 0.22 ug/ml



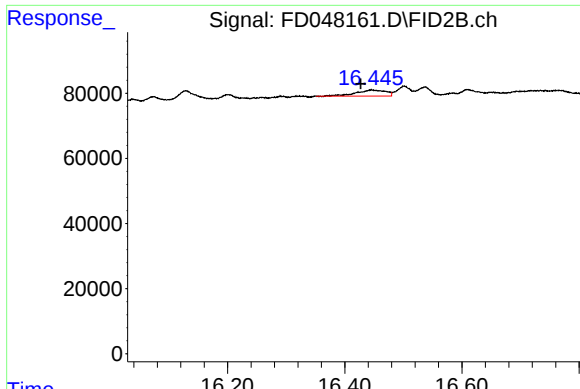
#15 Chrysene (C27.41)

R.T.: 14.531 min
Delta R.T.: -0.006 min
Response: 30142
Conc: 0.19 ug/ml



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

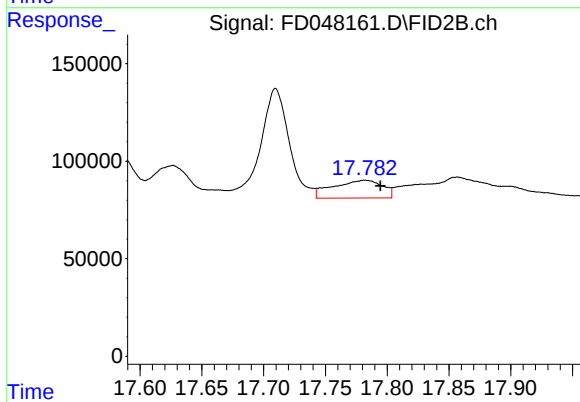
R.T.: 16.129 min
Delta R.T.: 0.053 min
Response: 52882
Conc: 0.35 ug/ml



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

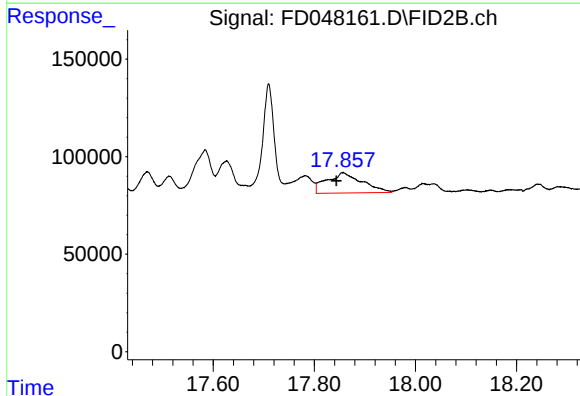
R.T.: 16.446 min
Delta R.T.: 0.019 min
Response: 64889
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



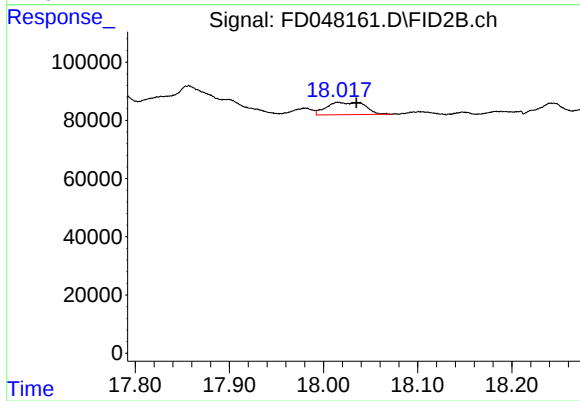
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: -0.012 min
Response: 252752
Conc: 2.24 ug/ml



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

R.T.: 17.857 min
Delta R.T.: 0.013 min
Response: 504096
Conc: 3.47 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.019 min
Response: 120567
Conc: 0.82 ug/ml