

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048098.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 16:26
 Operator : YP/AJ
 Sample : P3394-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:49:53 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...	7.405	4571982	30.762 ug/ml
Spiked Amount 50.000		Recovery =	61.52%
6) S 2-Fluorobiphenyl (SURR)	8.255	2956542	31.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.48%
11) S ortho-Terphenyl (SURR)	11.294	4235085	25.311 ug/ml
Spiked Amount 50.000		Recovery =	50.62%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.805	24669	0.142 ug/ml
12) T Fluoranthene (C21.85)	12.330	40031	0.253 ug/ml
13) T Pyrene (C20.8)	12.622	35140	0.222 ug/ml
14) T Benzo[a]anthracene (C...	14.530	36491	0.267 ug/ml
15) T Chrysene (C27.41)	14.530	36491	0.226 ug/ml
16) T benzo[b]fluoranthene ...	16.041	128798	0.895 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	39083	0.262 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	52376	0.370 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	256960	2.278 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	147867	1.017 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	110577	0.750 ug/ml

(f)=RT Delta > 1/2 Window

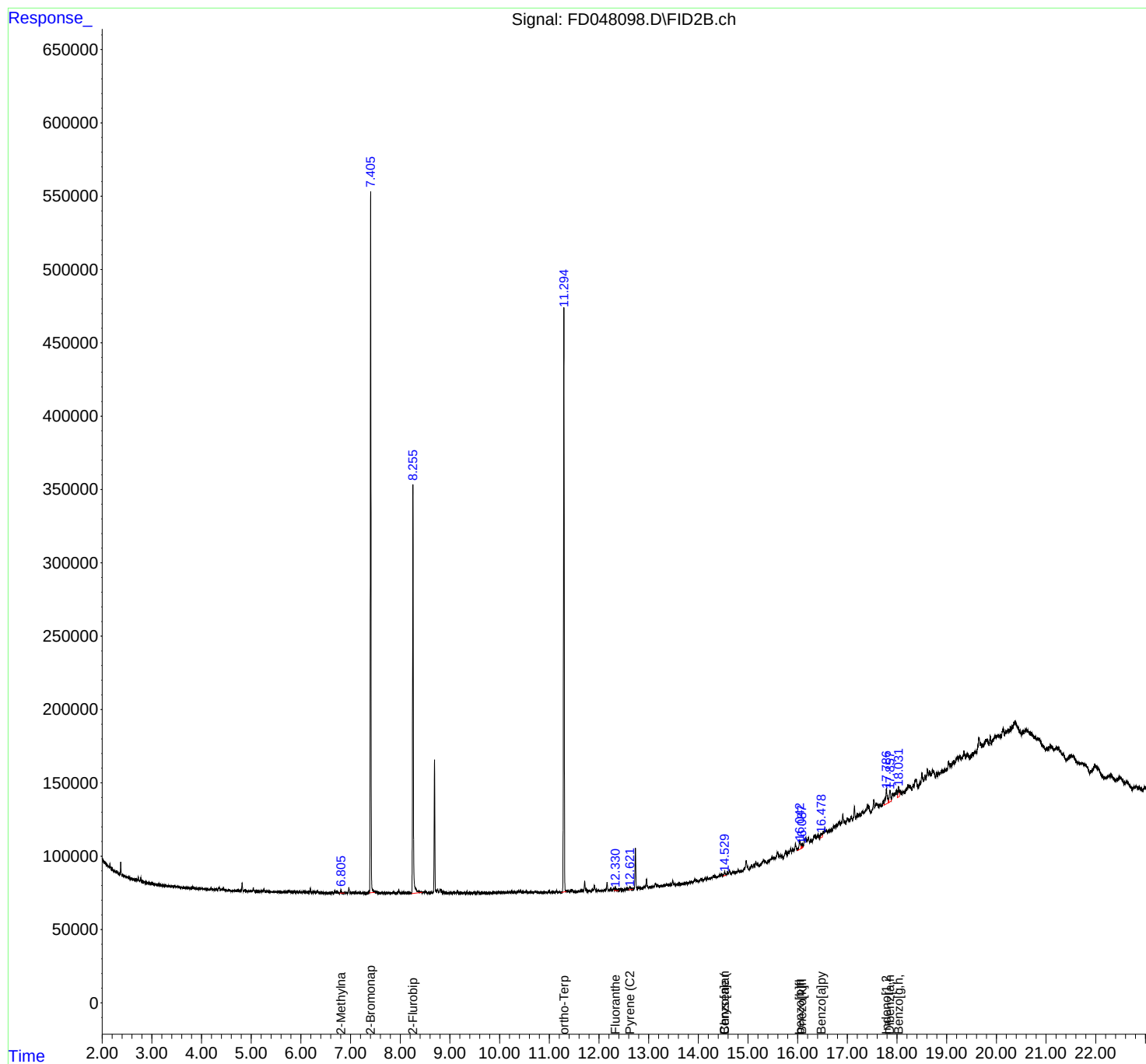
(m)=manual int.

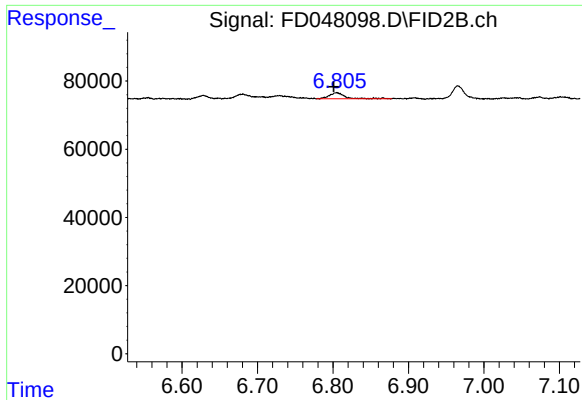
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Signal Info : 20M x 0.18mm x 0.18µm

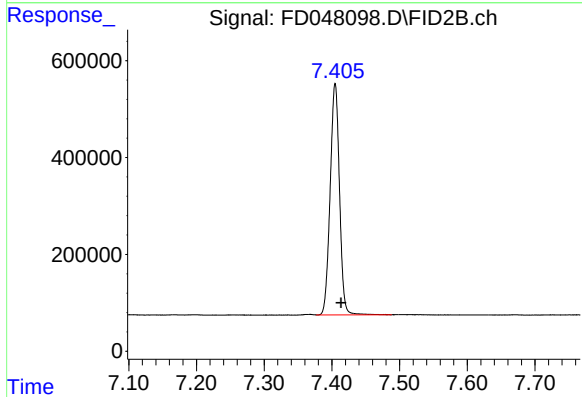




#3 2-Methylnaphthalene (C12.89)

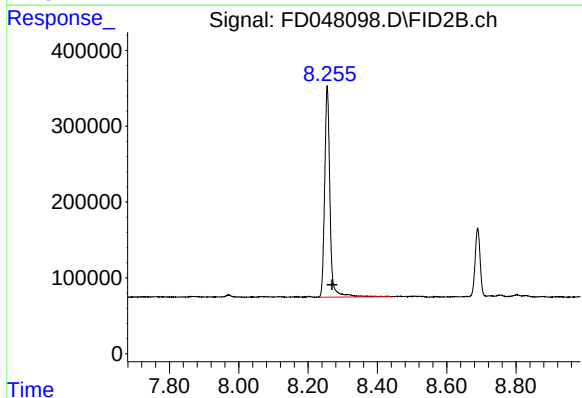
R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 24669
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



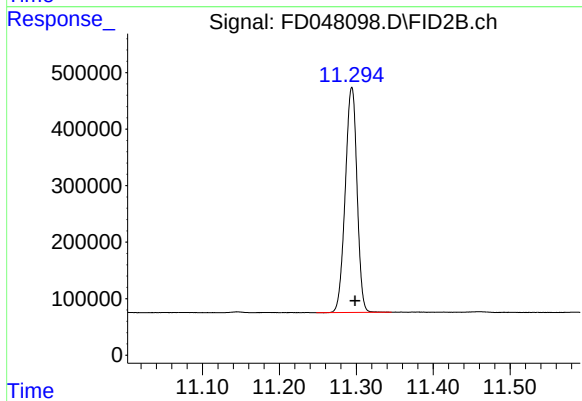
#4 2-Bromonaphthalene (SURR)

R.T.: 7.405 min
Delta R.T.: -0.009 min
Response: 4571982
Conc: 30.76 ug/ml



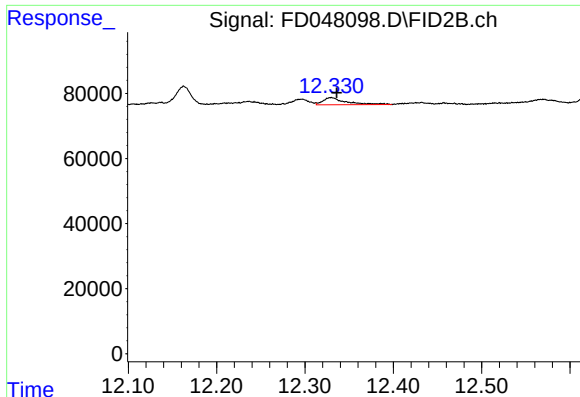
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 2956542
Conc: 31.24 ug/ml



#11 ortho-Terphenyl (SURR)

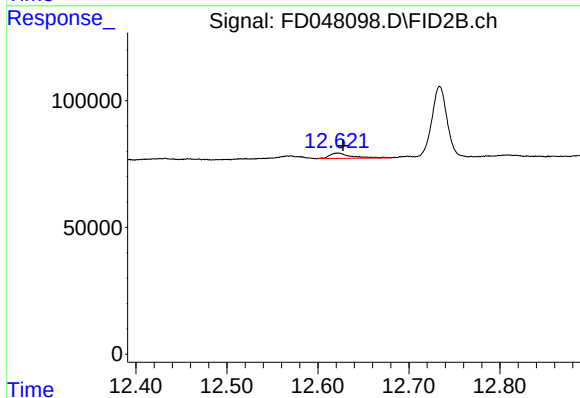
R.T.: 11.294 min
Delta R.T.: -0.004 min
Response: 4235085
Conc: 25.31 ug/ml



#12 Fluoranthene (C21.85)

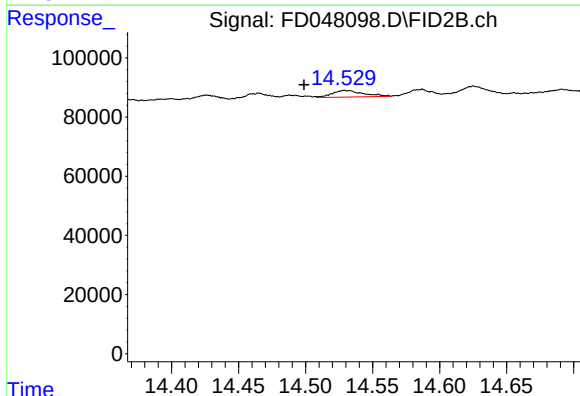
R.T.: 12.330 min
Delta R.T.: -0.006 min
Response: 40031
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



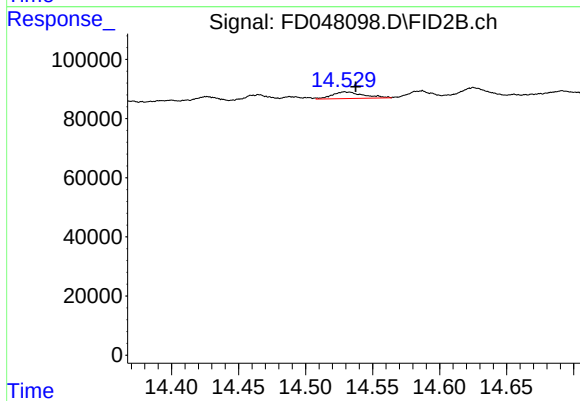
#13 Pyrene (C20.8)

R.T.: 12.622 min
Delta R.T.: -0.006 min
Response: 35140
Conc: 0.22 ug/ml



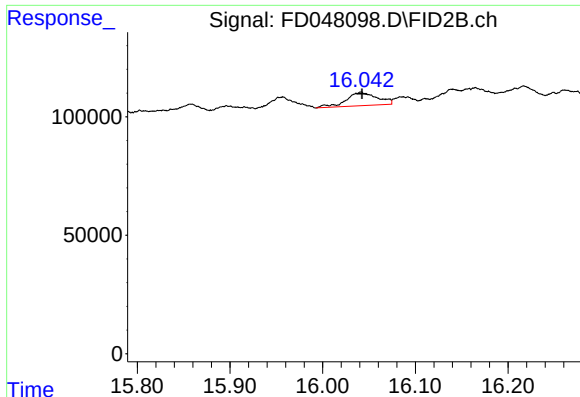
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.530 min
Delta R.T.: 0.031 min
Response: 36491
Conc: 0.27 ug/ml



#15 Chrysene (C27.41)

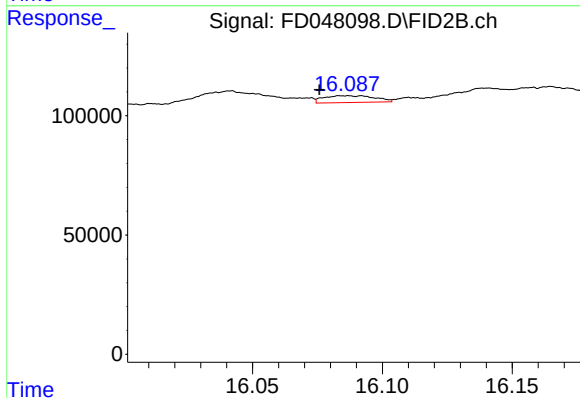
R.T.: 14.530 min
Delta R.T.: -0.007 min
Response: 36491
Conc: 0.23 ug/ml



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

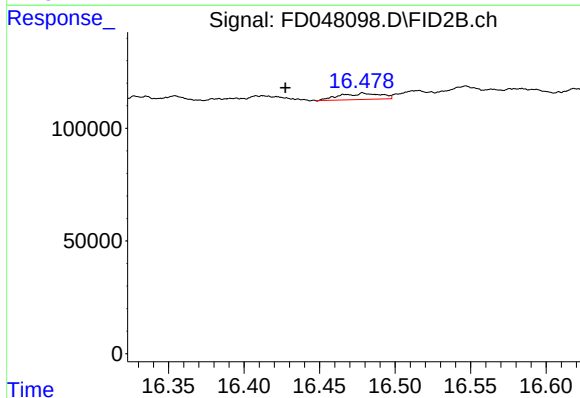
R.T.: 16.041 min
Delta R.T.: -0.002 min
Response: 128798
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



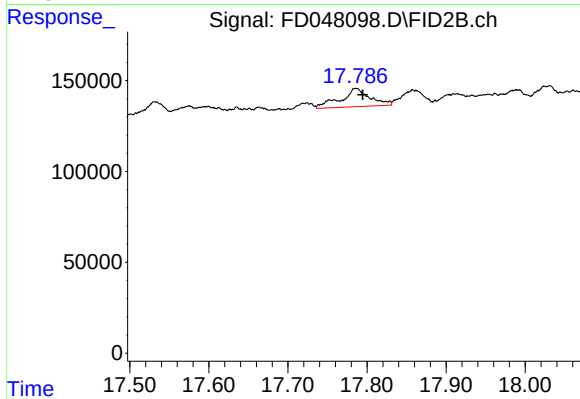
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min
Delta R.T.: 0.011 min
Response: 39083
Conc: 0.26 ug/ml



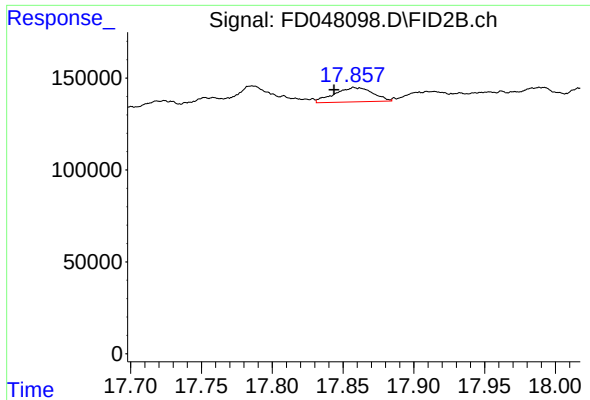
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.053 min
Response: 52376
Conc: 0.37 ug/ml



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

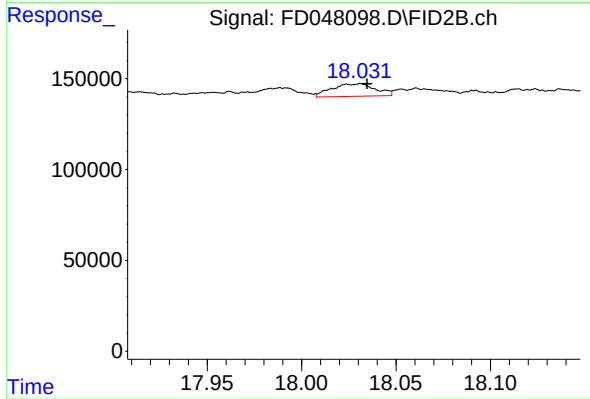
R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 256960
Conc: 2.28 ug/ml



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

R.T.: 17.859 min
Delta R.T.: 0.015 min
Response: 147867
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.029 min
Delta R.T.: -0.006 min
Response: 110577
Conc: 0.75 ug/ml