

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110824AR\
 Data File : FF014973.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 16:34
 Operator : YP\AJ
 Sample : P4771-05
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 00:27:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 2024
 Response via : Initial Calibration
 Integrator: ChemStation

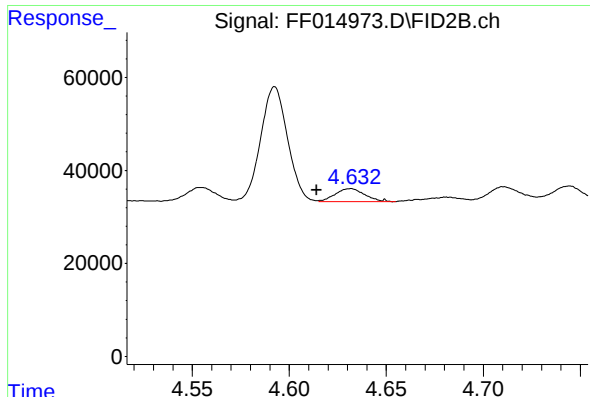
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.986	6011488	45.171 ug/ml
Spiked Amount 50.000		Recovery =	90.34%
6) S 2-Fluorobiphenyl (SURR)	8.862	4217817	47.291 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.58%
11) S ortho-Terphenyl (SURR)	11.930	6838571	46.430 ug/ml
Spiked Amount 50.000		Recovery =	92.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.631	30131	0.198 ug/ml
2) T Naphthalene (C11.7)	6.262	229051	1.459 ug/ml
3) T 2-Methylnaphthalene (...)	7.357	918703	5.856 ug/ml
5) T Acenaphthylene (C15.06)	8.637	1134588	7.461 ug/ml
7) T Acenaphthene (C15.5)	8.959	547542	3.608 ug/ml
8) T Fluorene (C16.55)	9.749	709150	4.781 ug/ml
9) T Phenanthrene (C19.36)	11.158	3676089	25.347 ug/ml
10) T Anthracene (C19.43)	11.231	1308410	9.535 ug/ml
12) T Fluoranthene (C21.85)	12.983	4770419	34.134 ug/ml
13) T Pyrene (C20.8)	13.280	3419649	24.818 ug/ml
14) T Benzo[a]anthracene (C...	15.156	1703320	12.765 ug/ml
15) T Chrysene (C27.41)	15.198	1713514	12.622 ug/ml
16) T benzo[b]fluoranthene ...	16.717	1755607	12.772 ug/ml
17) T Bnezo[k]fluoranthene ...	16.743	567732	4.414 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.094	1284891	9.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.463	965409	7.024 ug/ml
20) T Dibenz[a,h]anthracene...	18.503	458298	3.098 ug/ml
21) T Benzo[g,h,i]perylene ...	18.718	563717	3.852 ug/ml

(f)=RT Delta > 1/2 Window

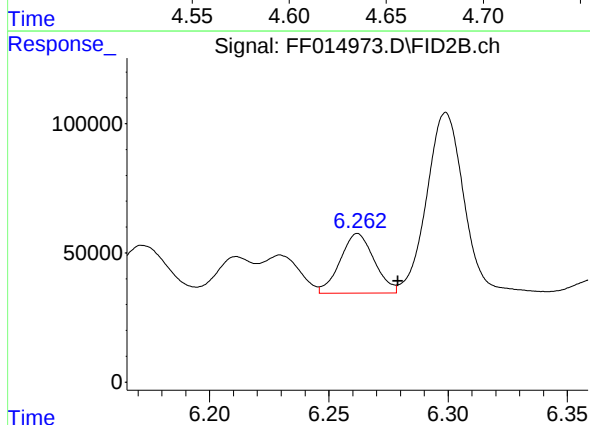
(m)=manual int.



#1 1,2,3-Trimethylbenzene (C10.1)

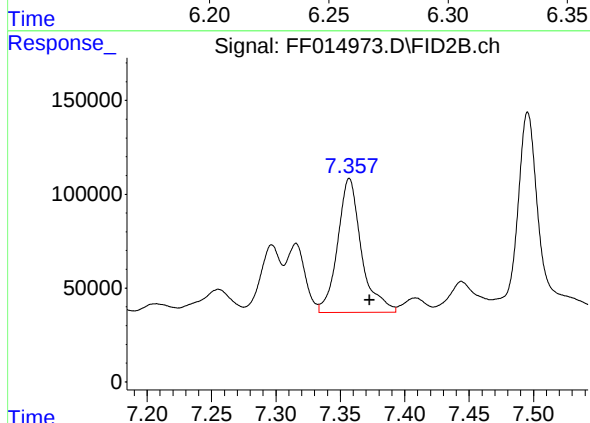
R.T.: 4.631 min
Delta R.T.: 0.017 min
Response: 30131
Conc: 0.20 ug/ml

Instrument :
FID_F
ClientSampleId :



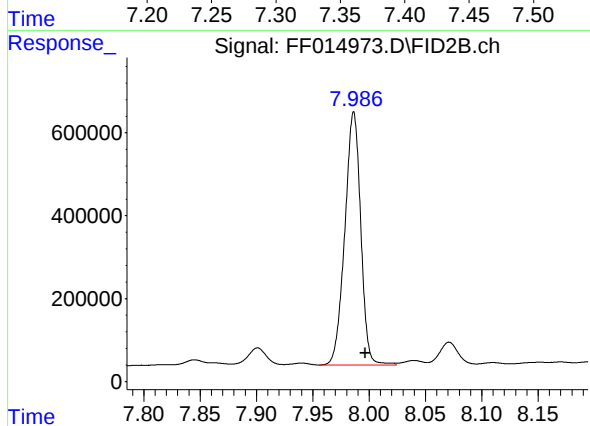
#2 Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.017 min
Response: 229051
Conc: 1.46 ug/ml



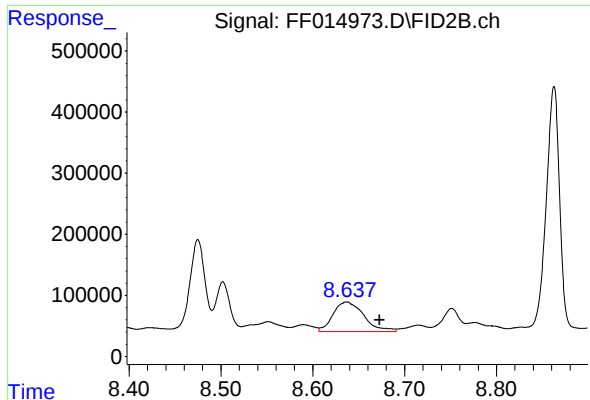
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.016 min
Response: 918703
Conc: 5.86 ug/ml



#4 2-Bromonaphthalene (SURR)

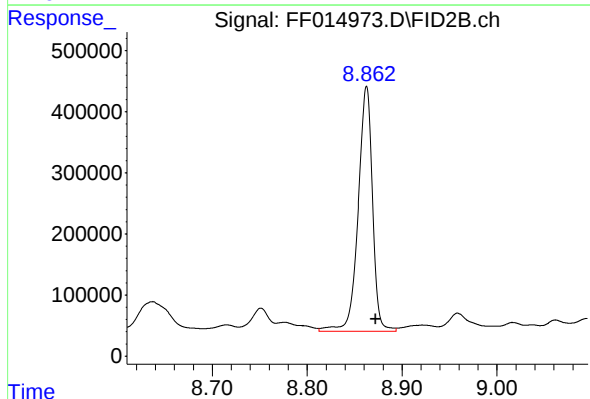
R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 6011488
Conc: 45.17 ug/ml



#5 Acenaphthylene (C15.06)

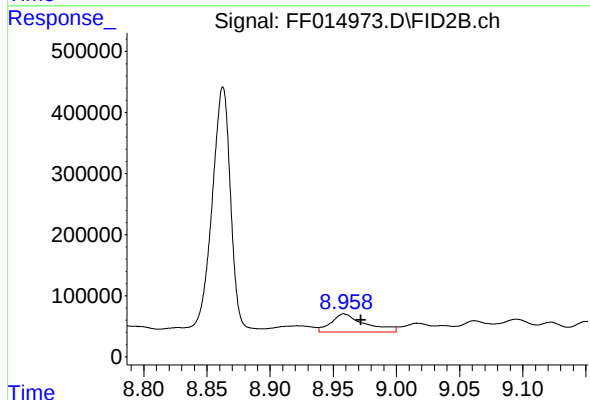
R.T.: 8.637 min
Delta R.T.: -0.036 min
Response: 1134588
Conc: 7.46 ug/ml

Instrument :
FID_F
ClientSampleId :



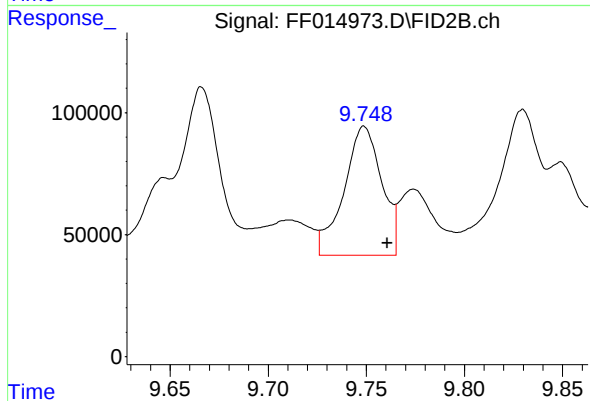
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: -0.010 min
Response: 4217817
Conc: 47.29 ug/ml



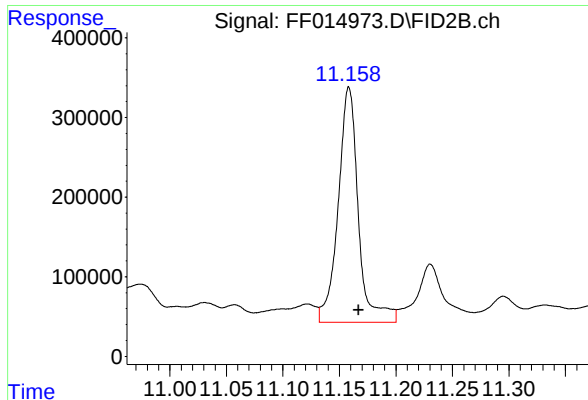
#7 Acenaphthene (C15.5)

R.T.: 8.959 min
Delta R.T.: -0.013 min
Response: 547542
Conc: 3.61 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.749 min
Delta R.T.: -0.012 min
Response: 709150
Conc: 4.78 ug/ml



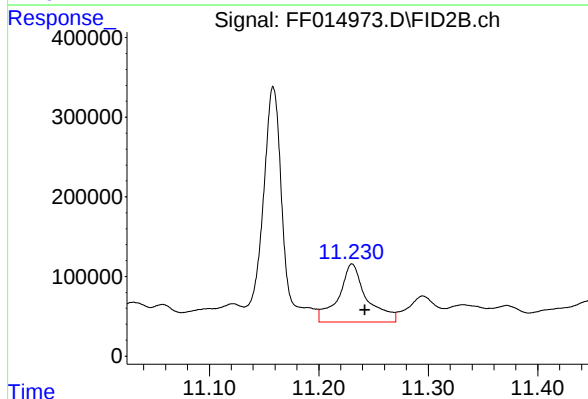
#9 Phenanthrene (C19.36)

R.T.: 11.158 min
Delta R.T.: -0.009 min
Response: 3676089
Conc: 25.35 ug/ml

Instrument :

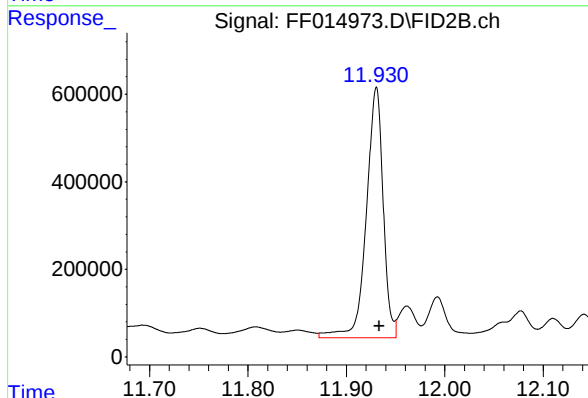
FID_F

ClientSampleId :



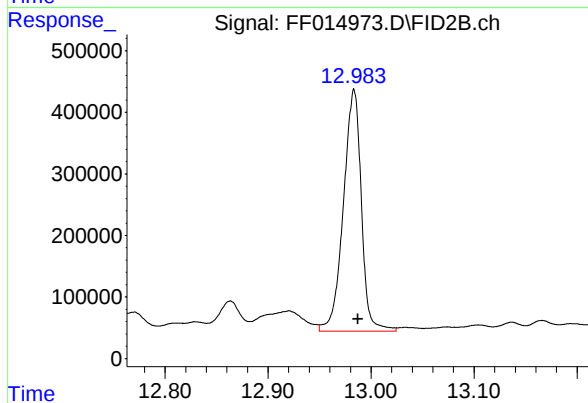
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: -0.012 min
Response: 1308410
Conc: 9.53 ug/ml



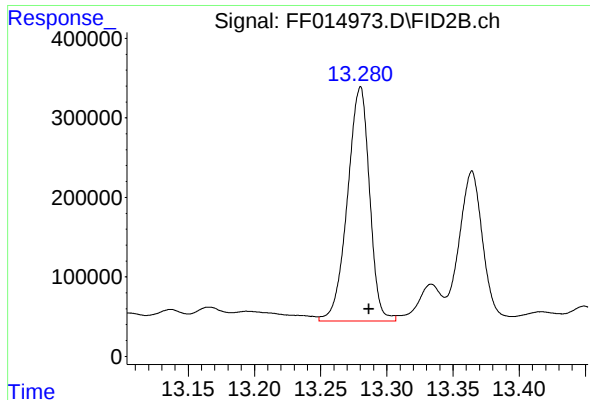
#11 ortho-Terphenyl (SURR)

R.T.: 11.930 min
Delta R.T.: -0.003 min
Response: 6838571
Conc: 46.43 ug/ml



#12 Fluoranthene (C21.85)

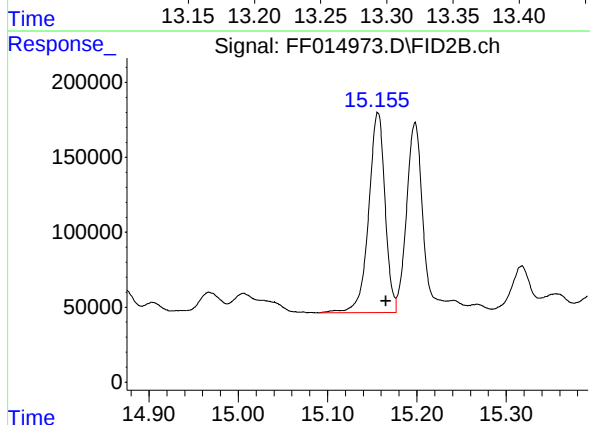
R.T.: 12.983 min
Delta R.T.: -0.004 min
Response: 4770419
Conc: 34.13 ug/ml



#13 Pyrene (C20.8)

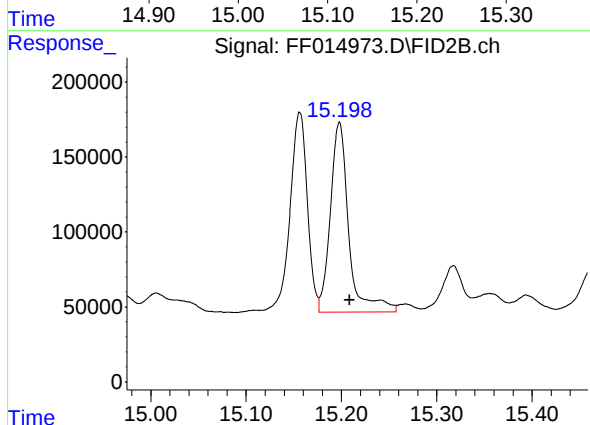
R.T.: 13.280 min
Delta R.T.: -0.007 min
Response: 3419649
Conc: 24.82 ug/ml

Instrument :
FID_F
ClientSampleId :



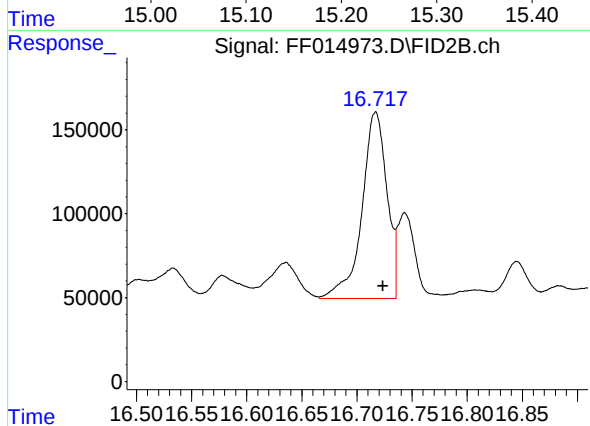
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.156 min
Delta R.T.: -0.009 min
Response: 1703320
Conc: 12.76 ug/ml



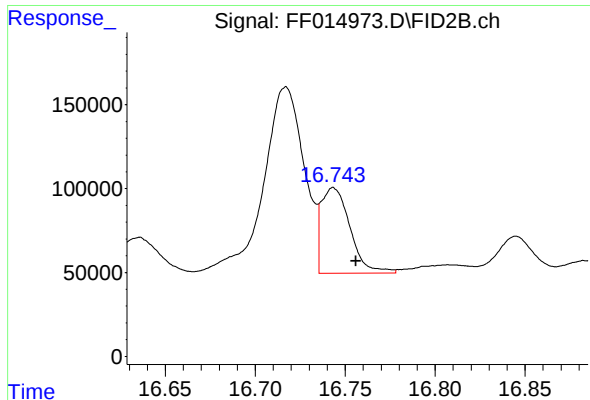
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: -0.011 min
Response: 1713514
Conc: 12.62 ug/ml



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

R.T.: 16.717 min
Delta R.T.: -0.007 min
Response: 1755607
Conc: 12.77 ug/ml



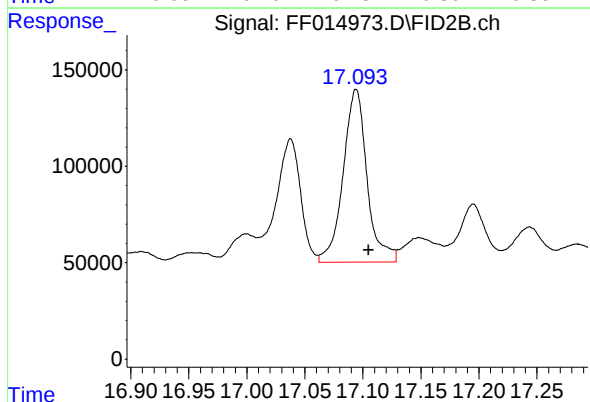
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.743 min
Delta R.T.: -0.013 min
Response: 567732
Conc: 4.41 ug/ml

Instrument :

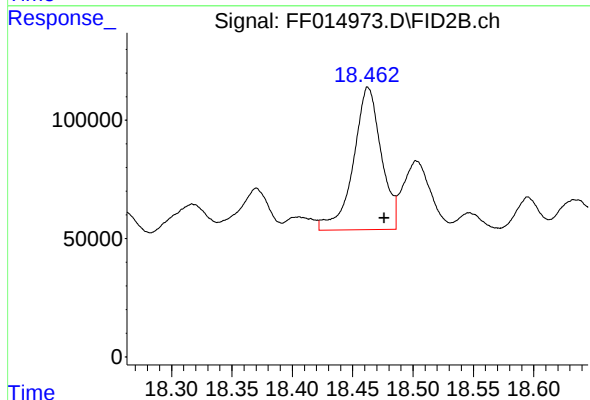
FID_F

ClientSampleId :



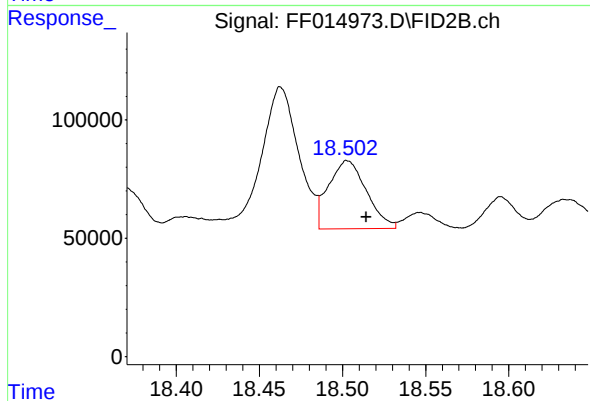
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.094 min
Delta R.T.: -0.011 min
Response: 1284891
Conc: 9.48 ug/ml



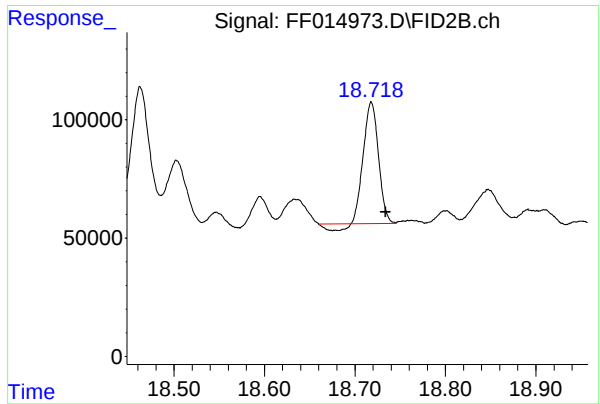
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.463 min
Delta R.T.: -0.013 min
Response: 965409
Conc: 7.02 ug/ml



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

R.T.: 18.503 min
Delta R.T.: -0.012 min
Response: 458298
Conc: 3.10 ug/ml



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

R.T.: 18.718 min
Delta R.T.: -0.016 min
Response: 563717
Conc: 3.85 ug/ml

Instrument :
FID_F
ClientSampleId :