

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110824AR\
 Data File : FF014974.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 17:02
 Operator : YP\AJ
 Sample : P4771-07
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 00:27:12 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...	7.993	6675657	50.162 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
6) S 2-Fluorobiphenyl (SURR)	8.868	4475920	50.185 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.37%
11) S ortho-Terphenyl (SURR)	11.928	4045753	27.469 ug/ml
Spiked Amount 50.000		Recovery =	54.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.569	19076	0.125 ug/ml
2) T Naphthalene (C11.7)	6.273	27452	0.175 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	33518	0.214 ug/ml
8) T Flouorene (C16.55)	9.753	31822	0.215 ug/ml
9) T Phenanthrene (C19.36)	11.156	36478	0.252 ug/ml
10) T Anthracene (C19.43)	11.233	36317	0.265 ug/ml
12) T Fluoranthene (C21.85)	12.977	165648	1.185 ug/ml
13) T Pyrene (C20.8)	13.275	162856	1.182 ug/ml
14) T Benzo[a]anthracene (C...	15.152	99624	0.747 ug/ml
15) T Chrysene (C27.41)	15.193	140074	1.032 ug/ml
16) T benzo[b]fluoranthene ...	16.710	233899	1.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.710	233899	1.818 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.088	134469	0.992 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.456	177950	1.295 ug/ml
20) T Dibenz[a,h]anthracene...	18.502	95484	0.645 ug/ml
21) T Benzo[g,h,i]perylene ...	18.710	97868	0.669 ug/ml

(f)=RT Delta > 1/2 Window

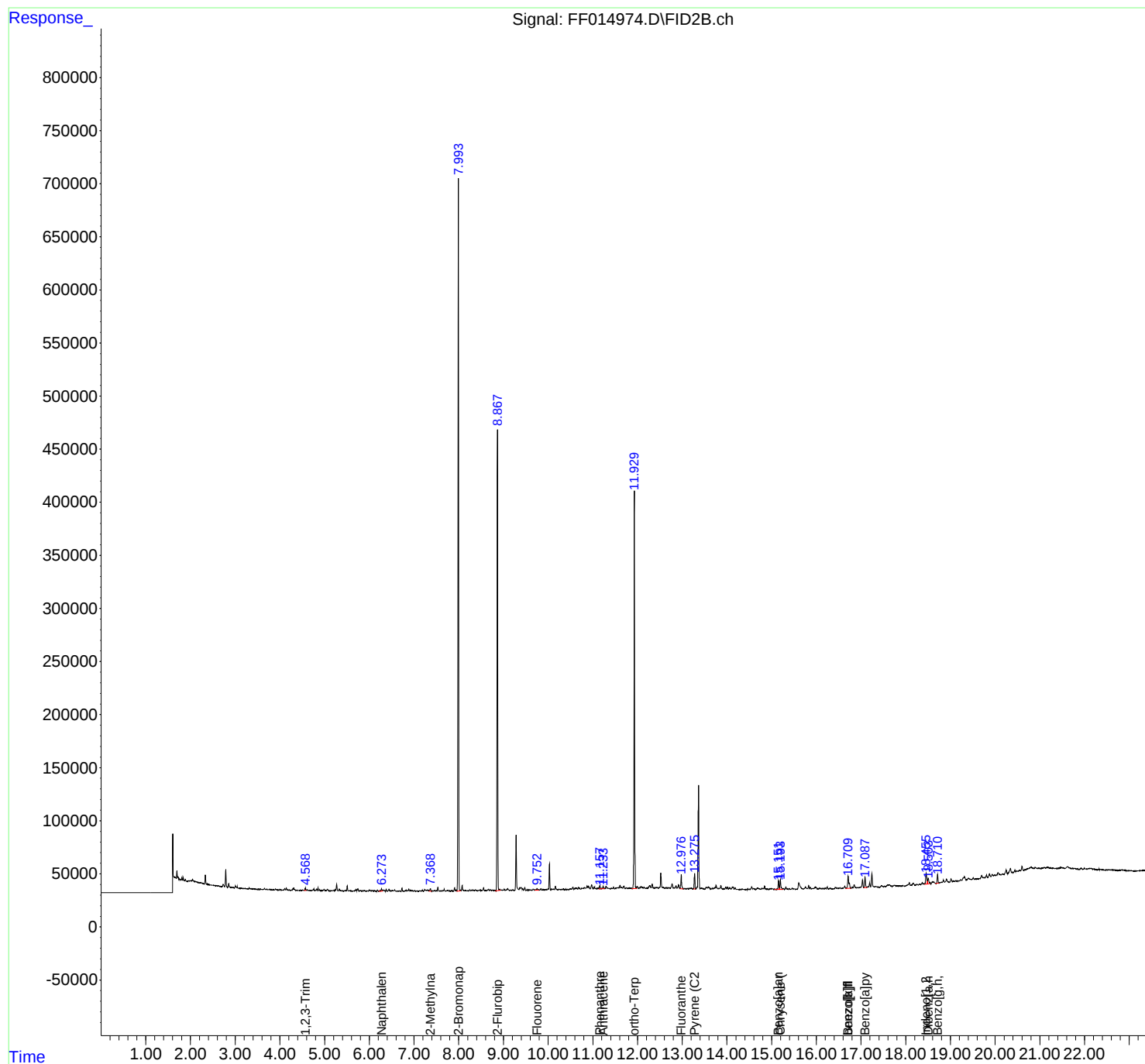
(m)=manual int.

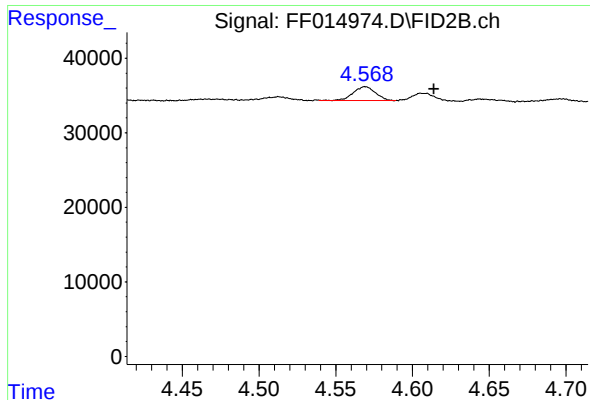
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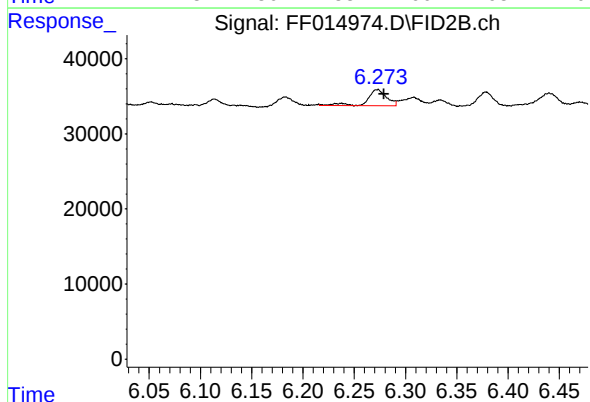
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.569 min
Delta R.T.: -0.045 min
Response: 19076
Conc: 0.13 ug/ml

Instrument :

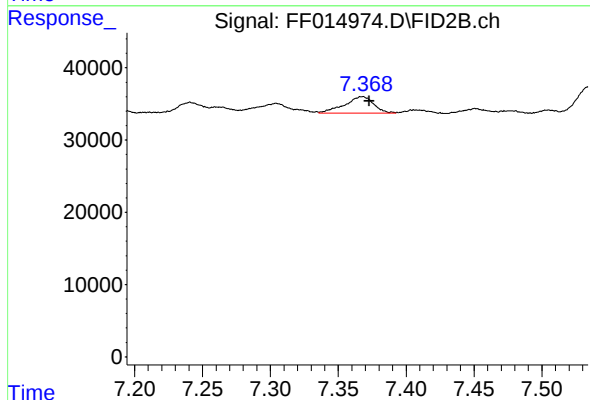
FID_F

ClientSampleId :



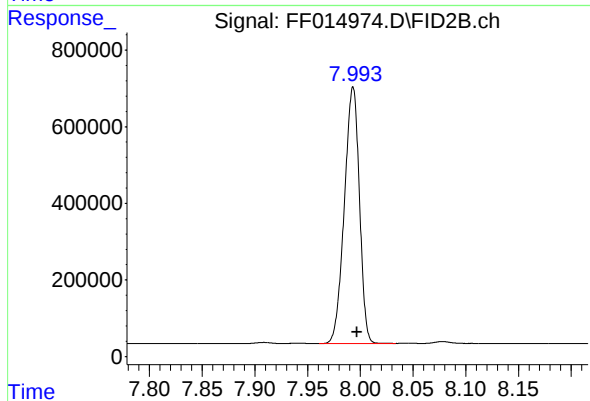
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 27452
Conc: 0.17 ug/ml



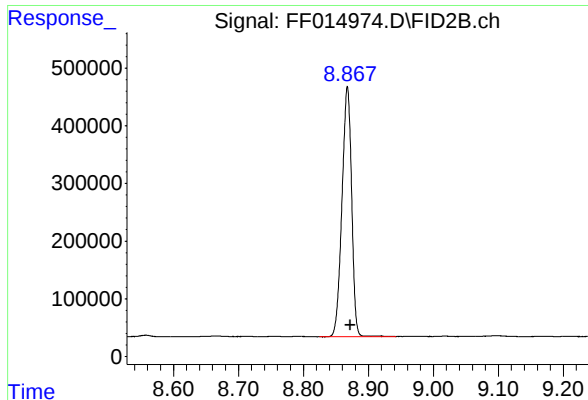
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 33518
Conc: 0.21 ug/ml



#4 2-Bromonaphthalene (SURR)

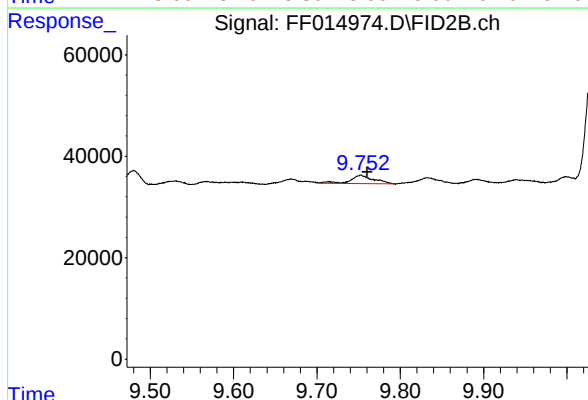
R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 6675657
Conc: 50.16 ug/ml



#6 2-Fluorobiphenyl (SURR)

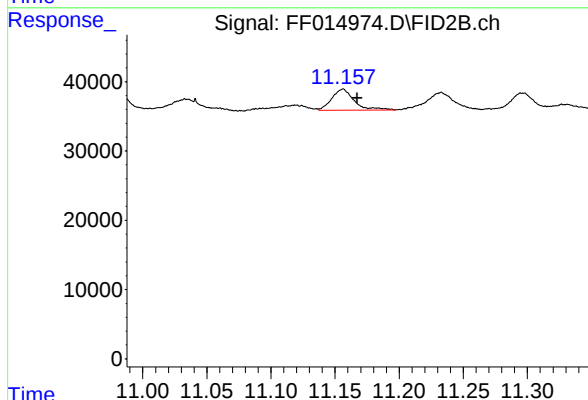
R.T.: 8.868 min
Delta R.T.: -0.005 min
Response: 4475920
Conc: 50.19 ug/ml

Instrument :
FID_F
ClientSampleId :



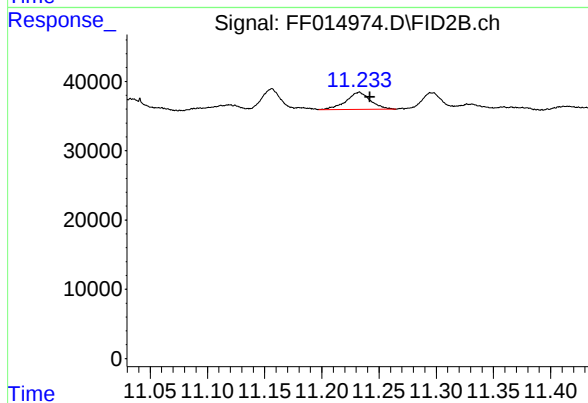
#8 Fluorene (C16.55)

R.T.: 9.753 min
Delta R.T.: -0.008 min
Response: 31822
Conc: 0.21 ug/ml



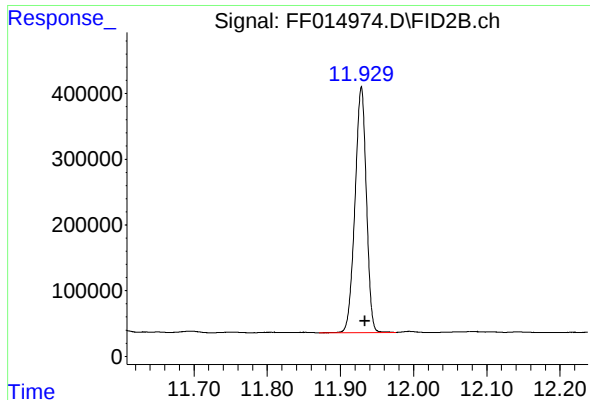
#9 Phenanthrene (C19.36)

R.T.: 11.156 min
Delta R.T.: -0.011 min
Response: 36478
Conc: 0.25 ug/ml



#10 Anthracene (C19.43)

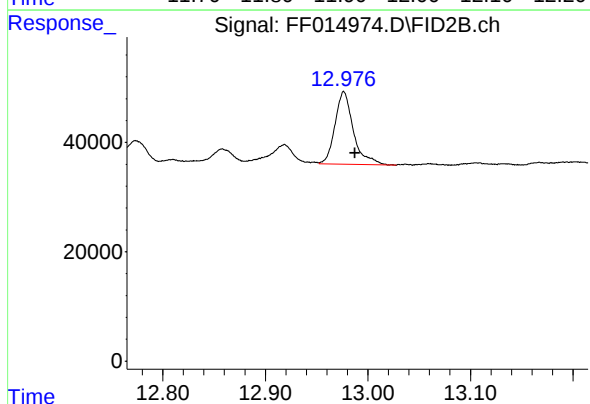
R.T.: 11.233 min
Delta R.T.: -0.009 min
Response: 36317
Conc: 0.26 ug/ml



#11 ortho-Terphenyl (SURR)

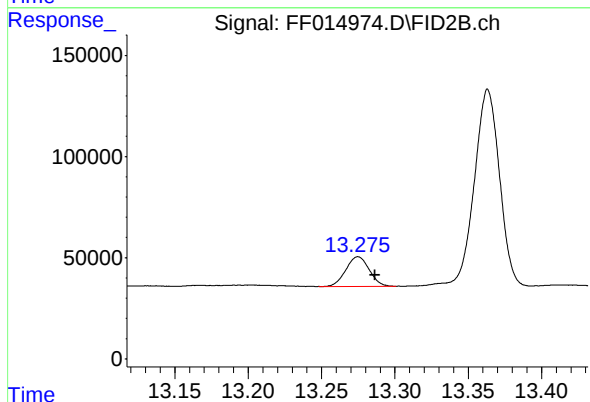
R.T.: 11.928 min
Delta R.T.: -0.005 min
Response: 4045753
Conc: 27.47 ug/ml

Instrument :
FID_F
ClientSampleId :



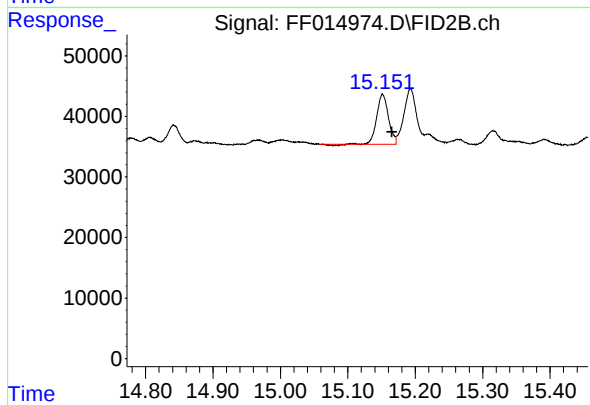
#12 Fluoranthene (C21.85)

R.T.: 12.977 min
Delta R.T.: -0.011 min
Response: 165648
Conc: 1.19 ug/ml



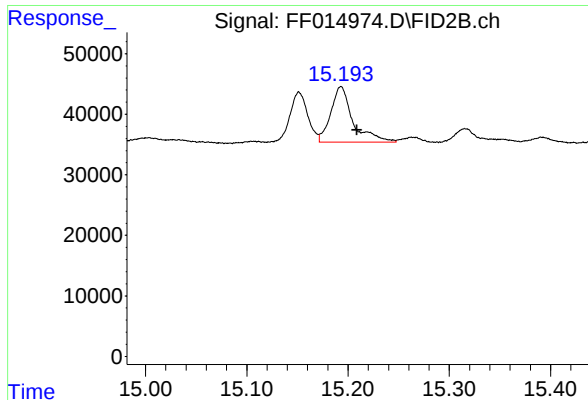
#13 Pyrene (C20.8)

R.T.: 13.275 min
Delta R.T.: -0.012 min
Response: 162856
Conc: 1.18 ug/ml



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

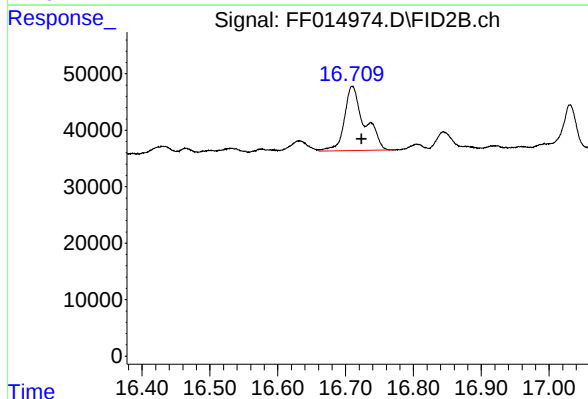
R.T.: 15.152 min
Delta R.T.: -0.014 min
Response: 99624
Conc: 0.75 ug/ml



#15 Chrysene (C27.41)

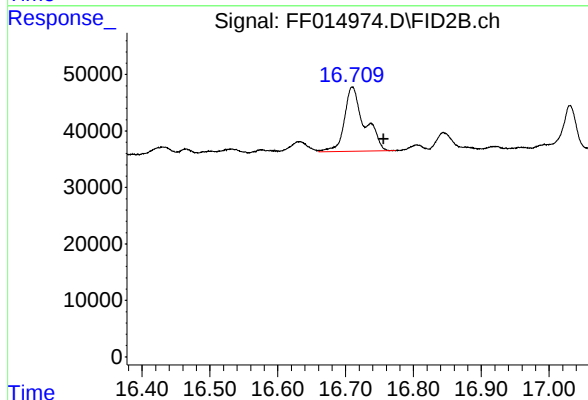
R.T.: 15.193 min
Delta R.T.: -0.016 min
Response: 140074
Conc: 1.03 ug/ml

Instrument :
FID_F
ClientSampleId :



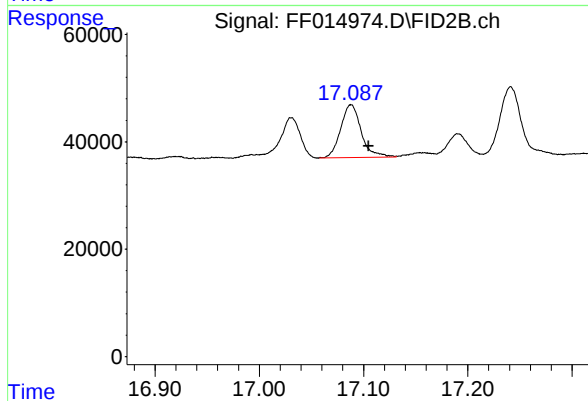
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.710 min
Delta R.T.: -0.014 min
Response: 233899
Conc: 1.70 ug/ml



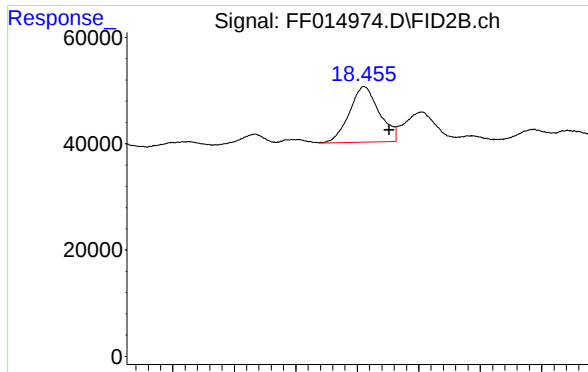
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.710 min
Delta R.T.: -0.046 min
Response: 233899
Conc: 1.82 ug/ml



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

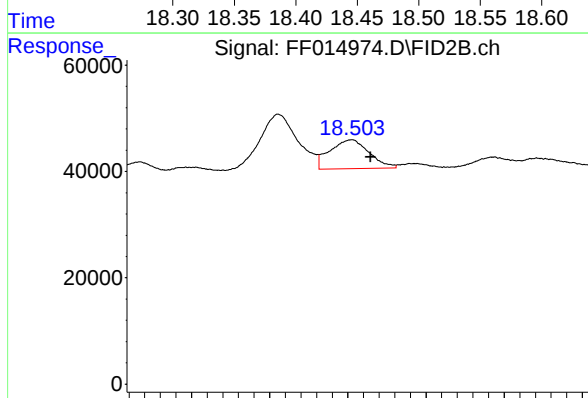
R.T.: 17.088 min
Delta R.T.: -0.017 min
Response: 134469
Conc: 0.99 ug/ml



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

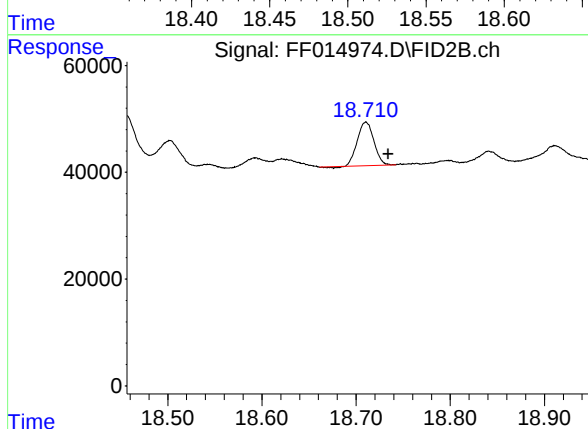
R.T.: 18.456 min
Delta R.T.: -0.021 min
Response: 177950
Conc: 1.29 ug/ml

Instrument :
FID_F
ClientSampleId :



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

R.T.: 18.502 min
Delta R.T.: -0.013 min
Response: 95484
Conc: 0.65 ug/ml



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

R.T.: 18.710 min
Delta R.T.: -0.024 min
Response: 97868
Conc: 0.67 ug/ml