

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014462.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 19:40
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 22 04:31:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:30:07 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...	8.038	6241660	49.187 ug/ml
Spiked Amount 50.000		Recovery =	98.37%
6) S 2-Fluorobiphenyl (SURR)	8.914	4300888	49.347 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.69%
11) S ortho-Terphenyl (SURR)	11.988	7341257	49.126 ug/ml
Spiked Amount 50.000		Recovery =	98.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.637	6771203	49.072 ug/ml
2) T Naphthalene (C11.7)	6.311	7173438	49.215 ug/ml
3) T 2-Methylnaphthalene (...)	7.410	7298760	49.211 ug/ml
5) T Acenaphthylene (C15.06)	8.715	7231407	49.167 ug/ml
7) T Acenaphthene (C15.5)	9.017	7215688	49.289 ug/ml
8) T Fluorene (C16.55)	9.807	7204776	49.224 ug/ml
9) T Phenanthrene (C19.36)	11.216	7299515	49.126 ug/ml
10) T Anthracene (C19.43)	11.292	6933076	48.938 ug/ml
12) T Fluoranthene (C21.85)	13.041	7271122	48.818 ug/ml
13) T Pyrene (C20.8)	13.341	7222599	48.793 ug/ml
14) T Benzo[a]anthracene (C...	15.223	7036941	48.363 ug/ml
15) T Chrysene (C27.41)	15.269	7110199	48.238 ug/ml
16) T benzo[b]fluoranthene ...	16.781	7087157	48.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.817	6568945	47.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.165	6826610	47.963 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.534	6400457	48.693 ug/ml
20) T Dibenz[a,h]anthracene...	18.575	6558753	47.276 ug/ml
21) T Benzo[g,h,i]perylene ...	18.794	6651863	48.072 ug/ml

(f)=RT Delta > 1/2 Window

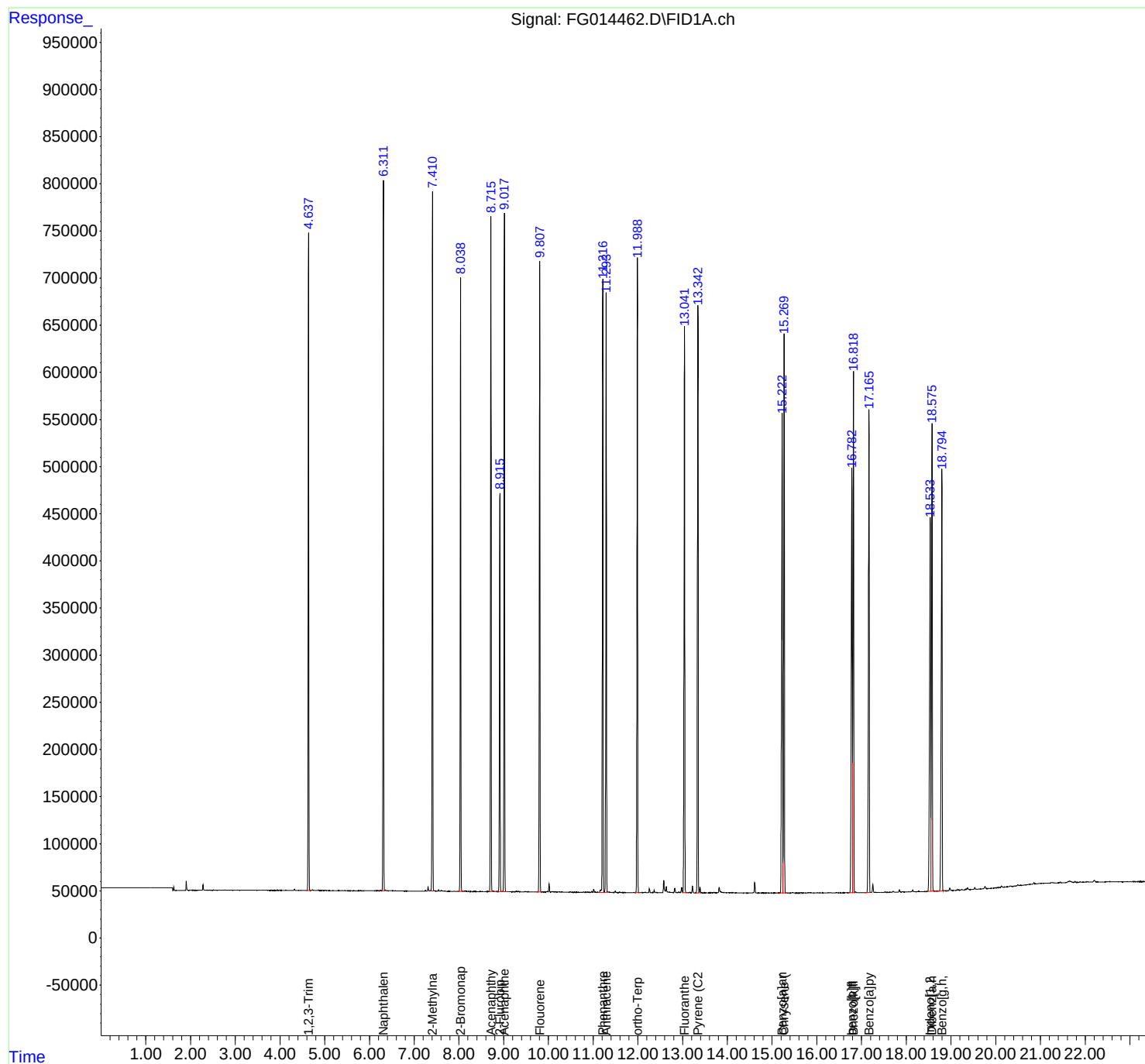
(m)=manual int.

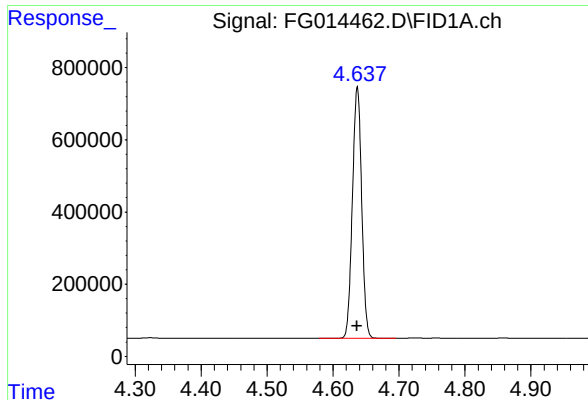
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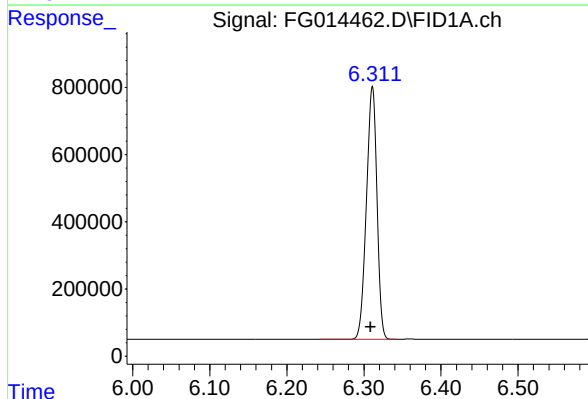




#1 1,2,3-Trimethylbenzene (C10.1)

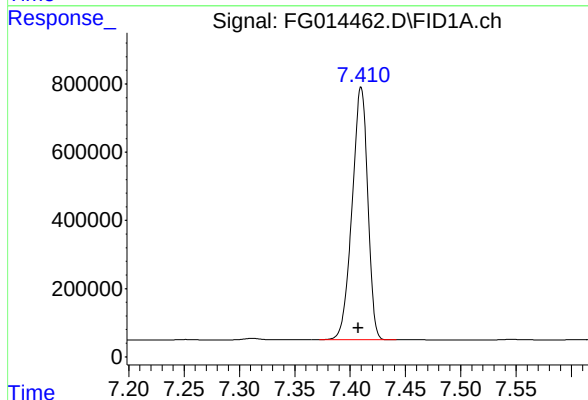
R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 6771203
Conc: 49.07 ug/ml

Instrument :
FID_G
ClientSampleId :



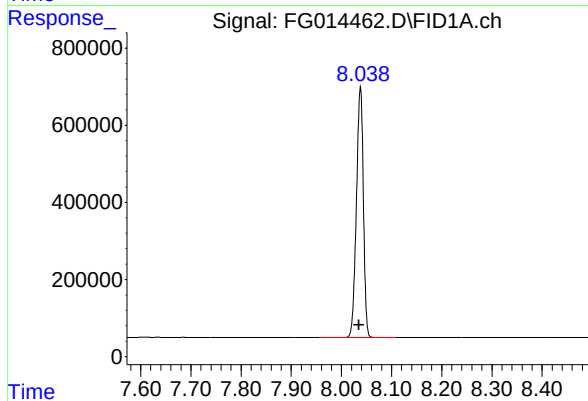
#2 Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.002 min
Response: 7173438
Conc: 49.21 ug/ml



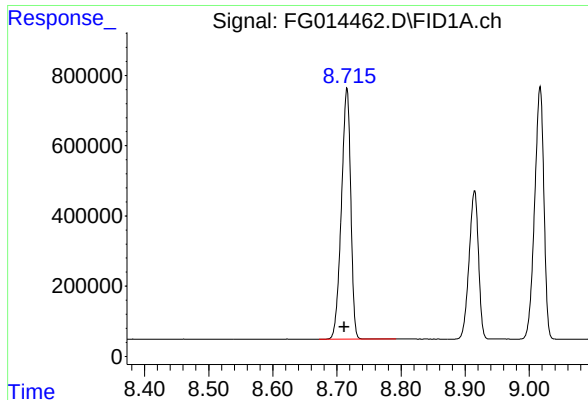
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: 0.002 min
Response: 7298760
Conc: 49.21 ug/ml



#4 2-Bromonaphthalene (SURR)

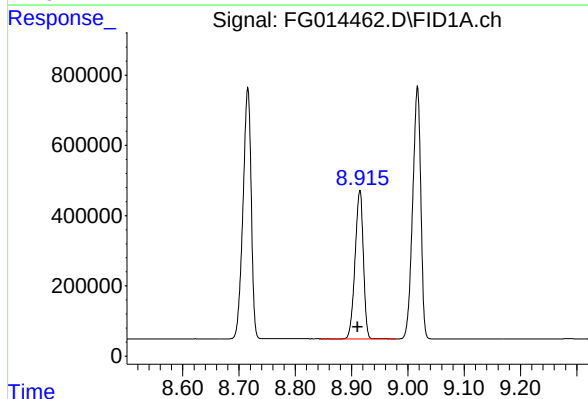
R.T.: 8.038 min
Delta R.T.: 0.002 min
Response: 6241660
Conc: 49.19 ug/ml



#5 Acenaphthylene (C15.06)

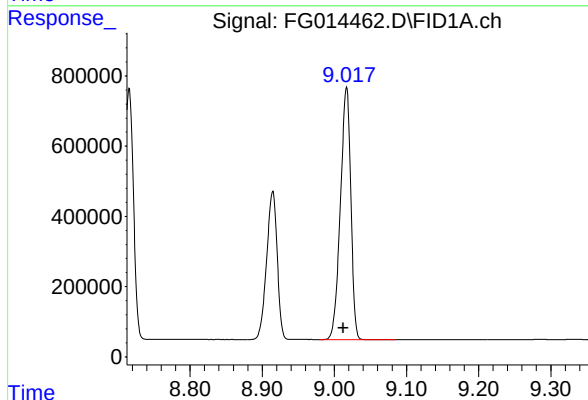
R.T.: 8.715 min
Delta R.T.: 0.004 min
Response: 7231407
Conc: 49.17 ug/ml

Instrument :
FID_G
ClientSampleId :



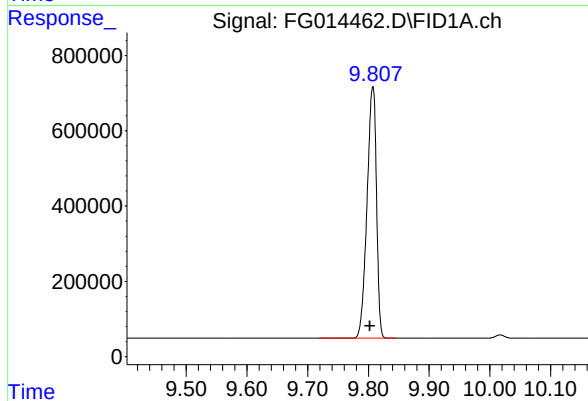
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.914 min
Delta R.T.: 0.003 min
Response: 4300888
Conc: 49.35 ug/ml



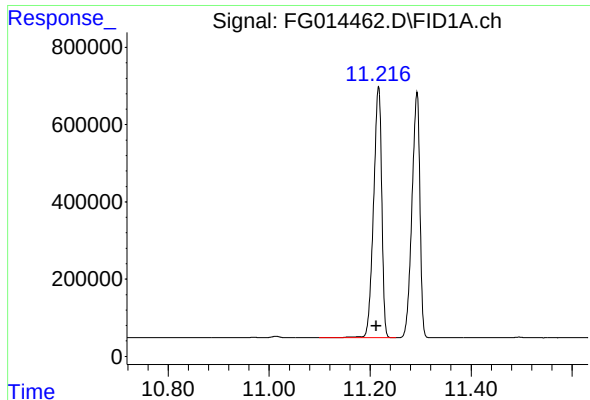
#7 Acenaphthene (C15.5)

R.T.: 9.017 min
Delta R.T.: 0.004 min
Response: 7215688
Conc: 49.29 ug/ml



#8 Flouorene (C16.55)

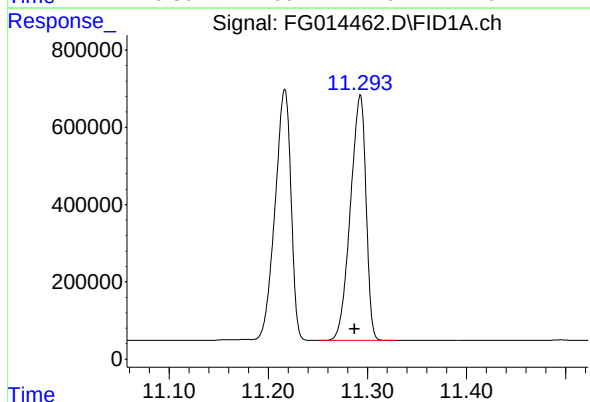
R.T.: 9.807 min
Delta R.T.: 0.004 min
Response: 7204776
Conc: 49.22 ug/ml



#9 Phenanthrene (C19.36)

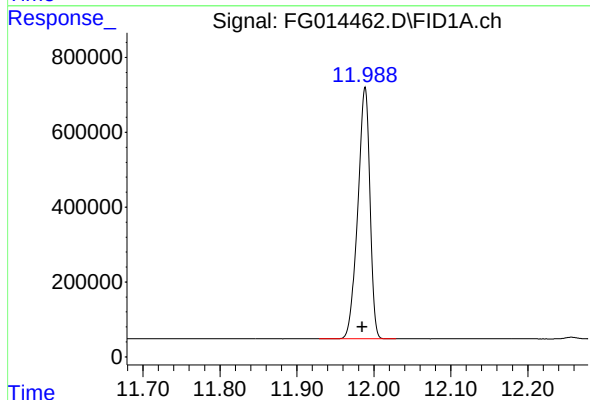
R.T.: 11.216 min
Delta R.T.: 0.004 min
Response: 7299515
Conc: 49.13 ug/ml

Instrument :
FID_G
ClientSampleId :



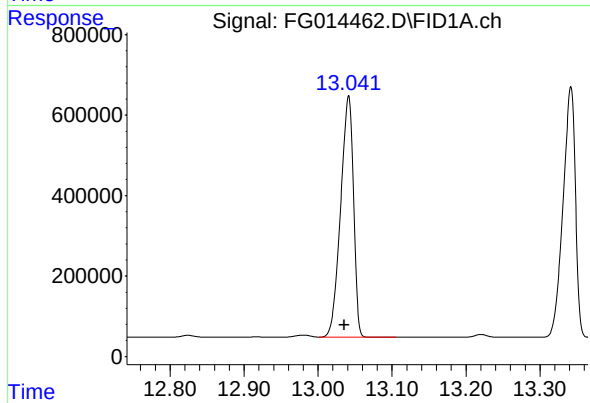
#10 Anthracene (C19.43)

R.T.: 11.292 min
Delta R.T.: 0.005 min
Response: 6933076
Conc: 48.94 ug/ml



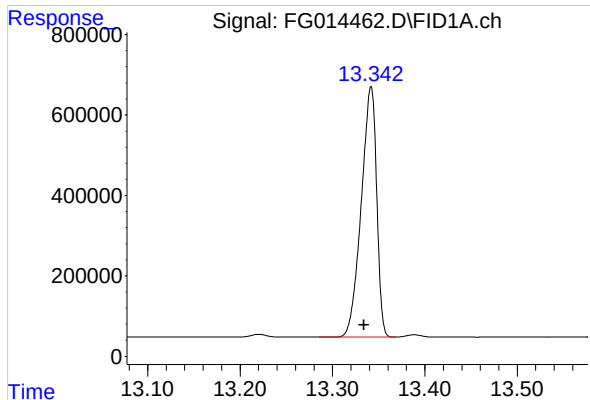
#11 ortho-Terphenyl (SURR)

R.T.: 11.988 min
Delta R.T.: 0.003 min
Response: 7341257
Conc: 49.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.041 min
Delta R.T.: 0.005 min
Response: 7271122
Conc: 48.82 ug/ml



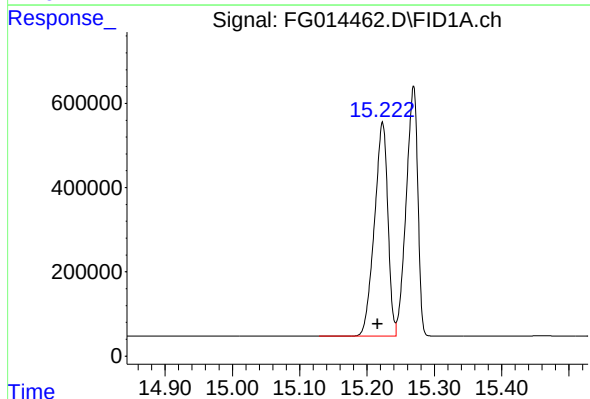
#13 Pyrene (C20.8)

R.T.: 13.341 min
Delta R.T.: 0.007 min
Response: 7222599
Conc: 48.79 ug/ml

Instrument :

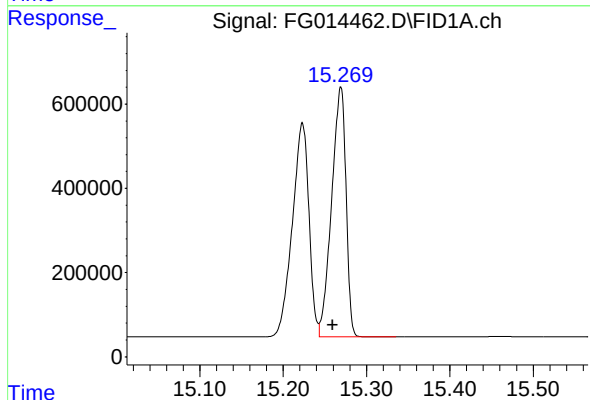
FID_G

ClientSampleId :



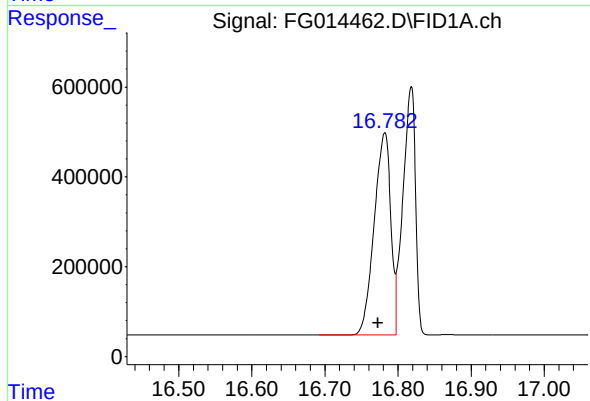
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.223 min
Delta R.T.: 0.007 min
Response: 7036941
Conc: 48.36 ug/ml



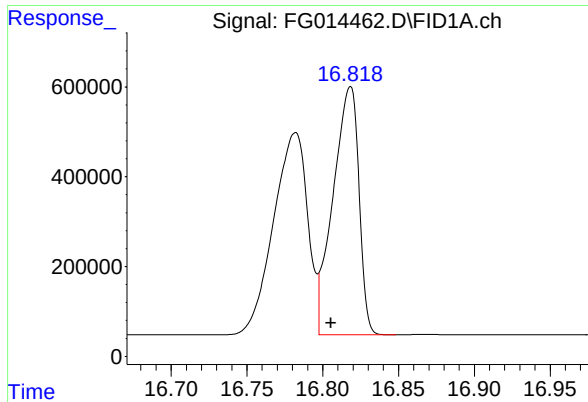
#15 Chrysene (C27.41)

R.T.: 15.269 min
Delta R.T.: 0.009 min
Response: 7110199
Conc: 48.24 ug/ml



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

R.T.: 16.781 min
Delta R.T.: 0.009 min
Response: 7087157
Conc: 48.29 ug/ml



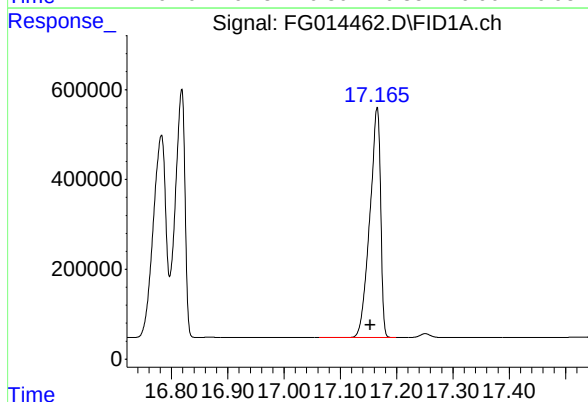
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.817 min
Delta R.T.: 0.012 min
Response: 6568945
Conc: 47.74 ug/ml

Instrument :

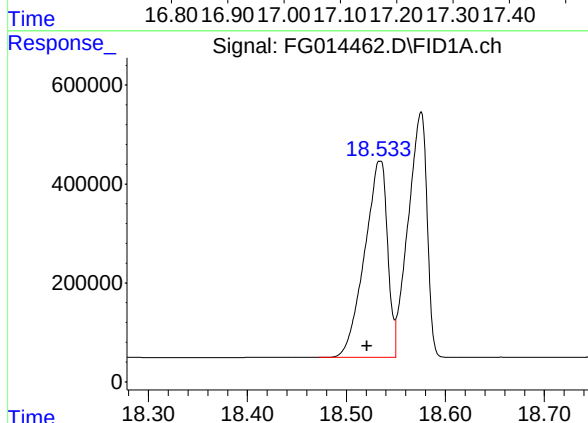
FID_G

ClientSampleId :



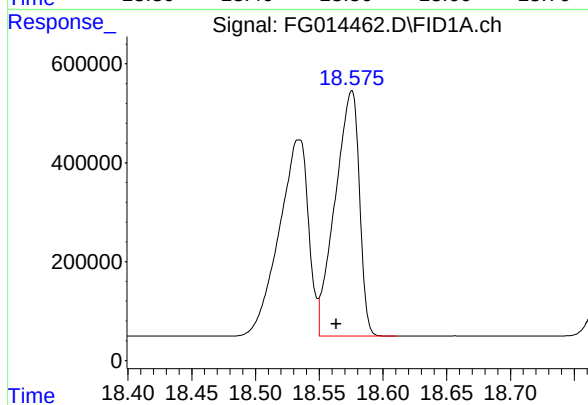
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.165 min
Delta R.T.: 0.012 min
Response: 6826610
Conc: 47.96 ug/ml



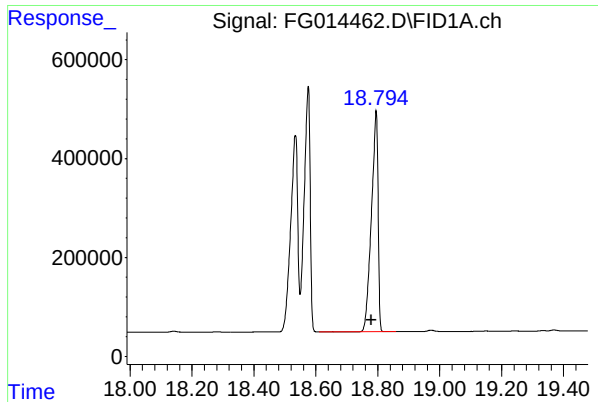
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.534 min
Delta R.T.: 0.013 min
Response: 6400457
Conc: 48.69 ug/ml



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

R.T.: 18.575 min
Delta R.T.: 0.011 min
Response: 6558753
Conc: 47.28 ug/ml



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

R.T.: 18.794 min
Delta R.T.: 0.016 min
Response: 6651863
Conc: 48.07 ug/ml

Instrument :

FID_G

ClientSampleId :