

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014067.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 15:14
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 06 16:38:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 16:34:08 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...	7.895	5497025	49.988 ug/ml
Spiked Amount 50.000		Recovery =	99.98%
6) S 2-Fluorobiphenyl (SURR)	8.769	3724660	49.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.75%
11) S ortho-Terphenyl (SURR)	11.840	6376712	49.765 ug/ml
Spiked Amount 50.000		Recovery =	99.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	6212928	49.583 ug/ml
2) T Naphthalene (C11.7)	6.168	6524619	49.799 ug/ml
3) T 2-Methylnaphthalene (...)	7.267	6505210	49.844 ug/ml
5) T Acenaphthylene (C15.06)	8.569	6373217	49.359 ug/ml
7) T Acenaphthene (C15.5)	8.870	6414575	49.367 ug/ml
8) T Fluorene (C16.55)	9.660	6267246	49.722 ug/ml
9) T Phenanthrene (C19.36)	11.068	6175734	49.883 ug/ml
10) T Anthracene (C19.43)	11.143	5960899	49.551 ug/ml
12) T Fluoranthene (C21.85)	12.891	6078331	49.394 ug/ml
13) T Pyrene (C20.8)	13.189	5987233	49.056 ug/ml
14) T Benzo[a]anthracene (C...	15.074	5861610	50.244 ug/ml
15) T Chrysene (C27.41)	15.118	6209707	49.433 ug/ml
16) T benzo[b]fluoranthene ...	16.636	6211685	50.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.670	6072175	49.596 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.017	6164590	50.216 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.392	5166827	51.354 ug/ml
20) T Dibenz[a,h]anthracene...	18.432	6894441	51.702 ug/ml
21) T Benzo[g,h,i]perylene ...	18.649	6494598	51.393 ug/ml

(f)=RT Delta > 1/2 Window

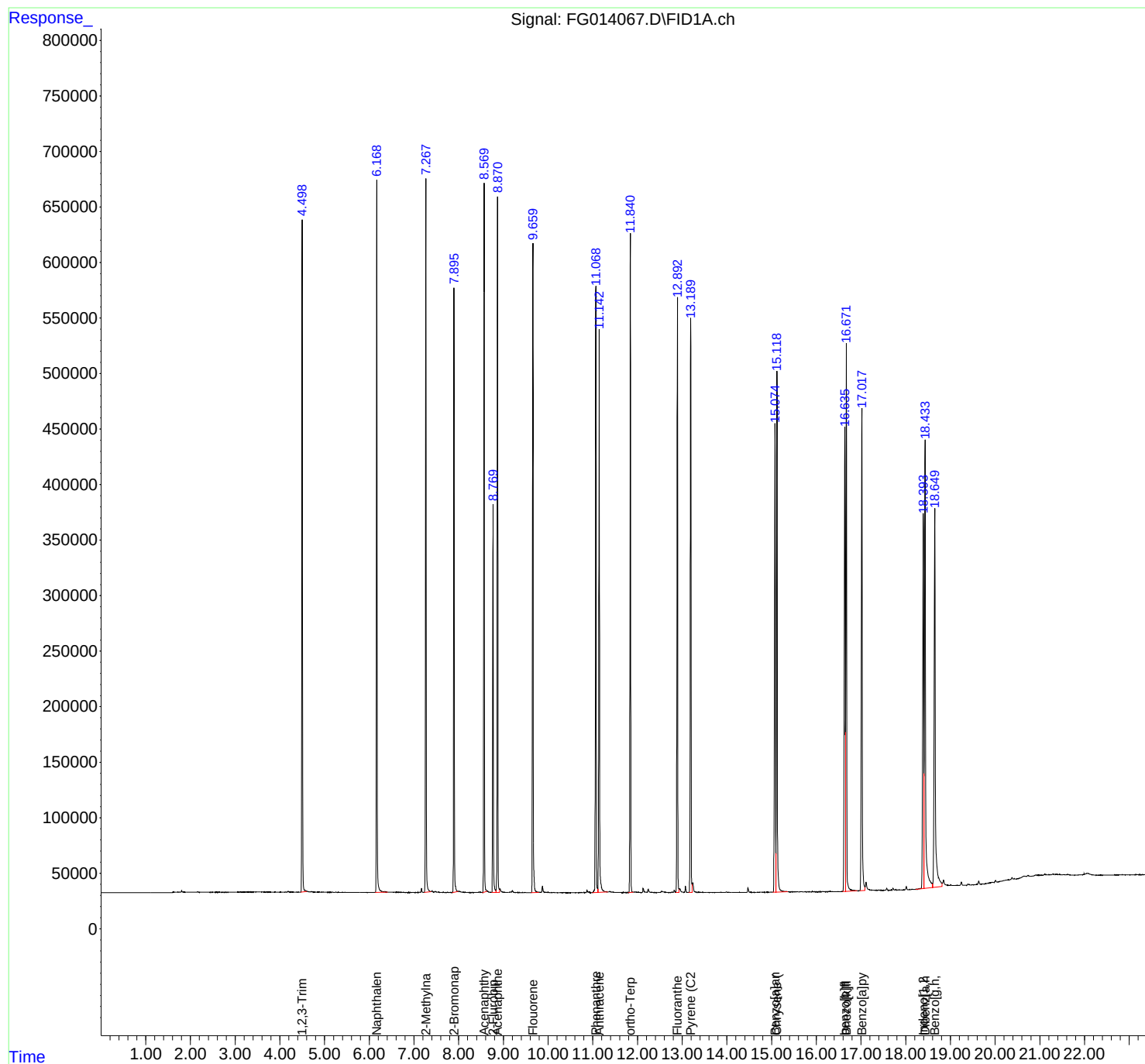
(m)=manual int.

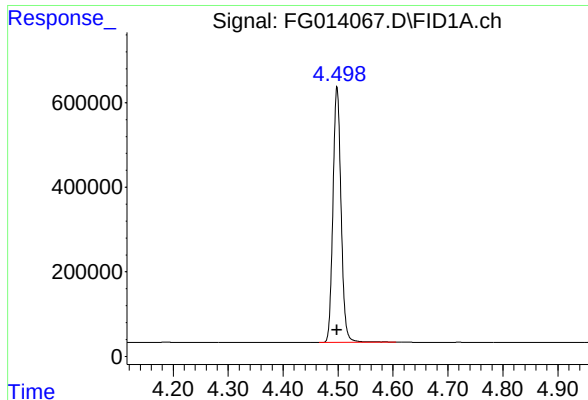
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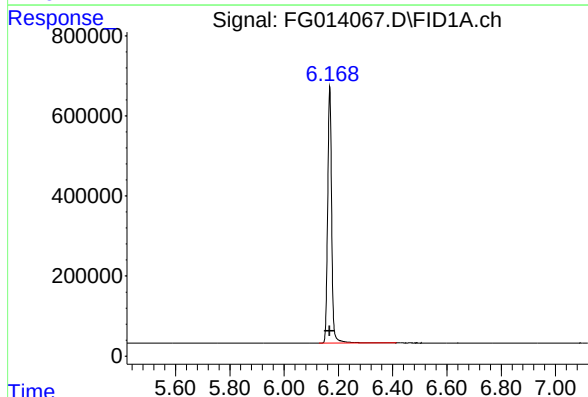




#1 1,2,3-Trimethylbenzene (C10.1)

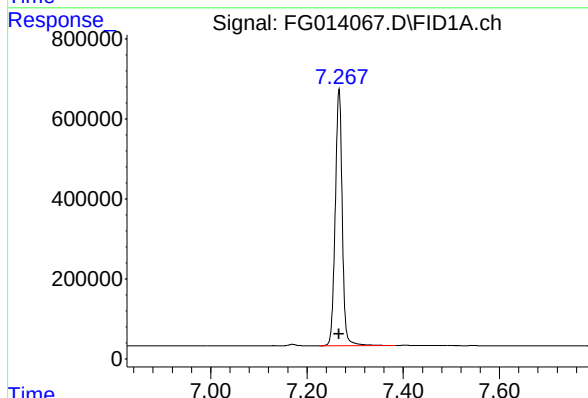
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 6212928
Conc: 49.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



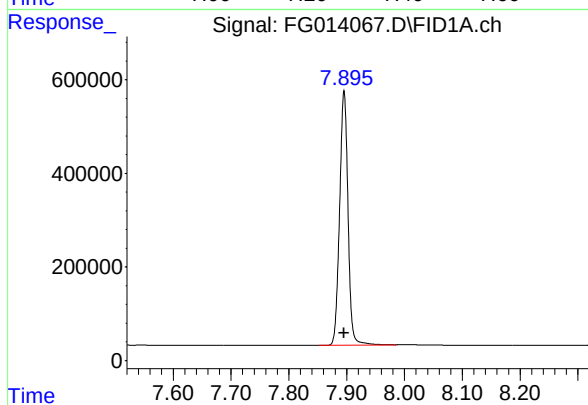
#2 Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 6524619
Conc: 49.80 ug/ml



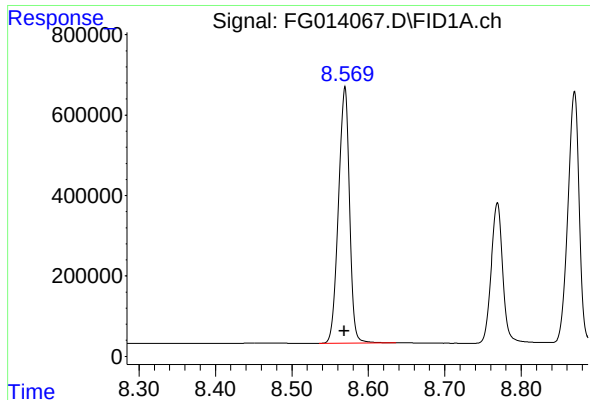
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 6505210
Conc: 49.84 ug/ml



#4 2-Bromonaphthalene (SURR)

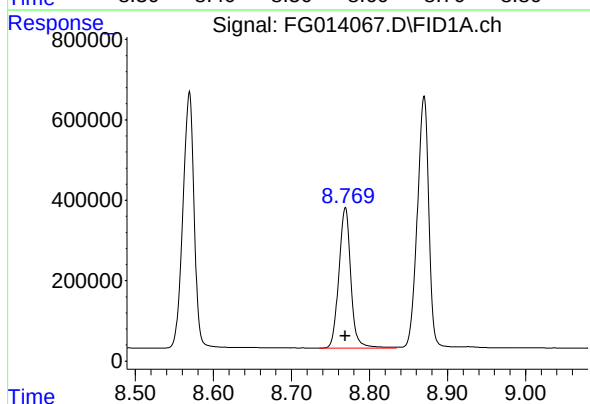
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 5497025
Conc: 49.99 ug/ml



#5 Acenaphthylene (C15.06)

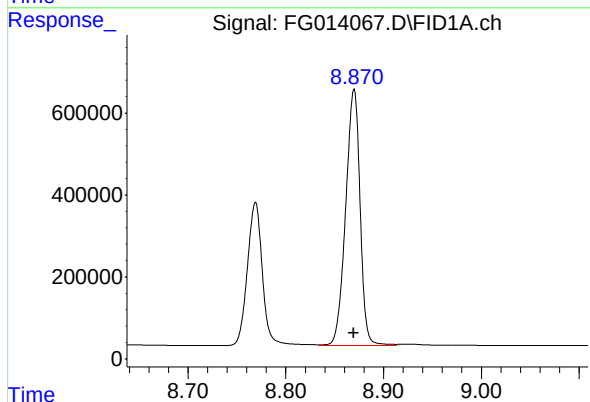
R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 6373217
Conc: 49.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



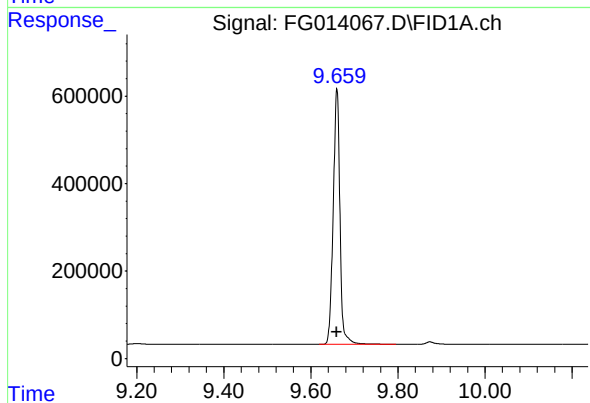
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.769 min
Delta R.T.: 0.000 min
Response: 3724660
Conc: 49.88 ug/ml



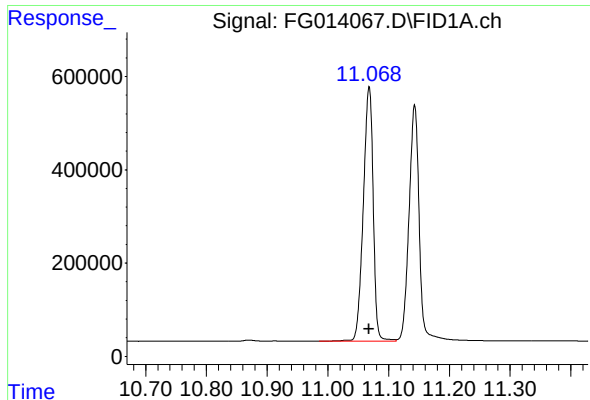
#7 Acenaphthene (C15.5)

R.T.: 8.870 min
Delta R.T.: 0.000 min
Response: 6414575
Conc: 49.37 ug/ml



#8 Fluorene (C16.55)

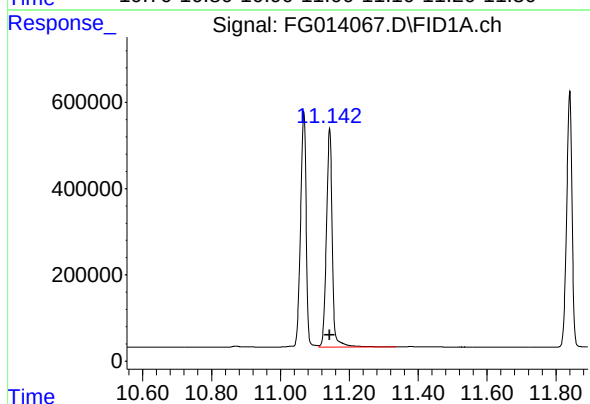
R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 6267246
Conc: 49.72 ug/ml



#9 Phenanthrene (C19.36)

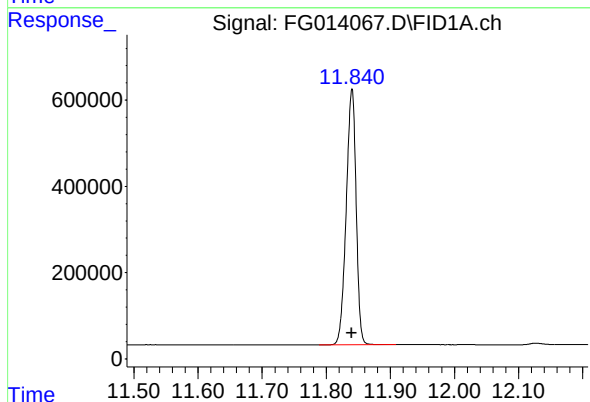
R.T.: 11.068 min
Delta R.T.: 0.000 min
Response: 6175734
Conc: 49.88 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



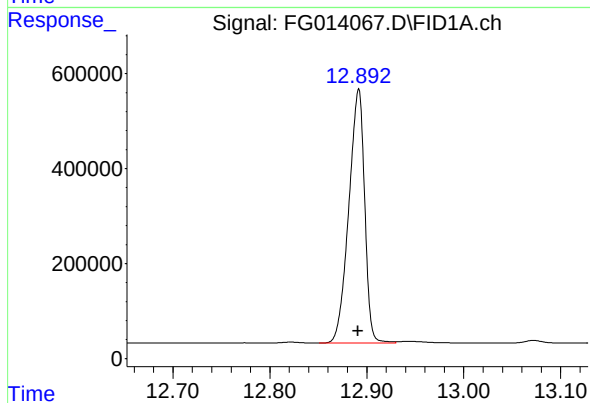
#10 Anthracene (C19.43)

R.T.: 11.143 min
Delta R.T.: 0.000 min
Response: 5960899
Conc: 49.55 ug/ml



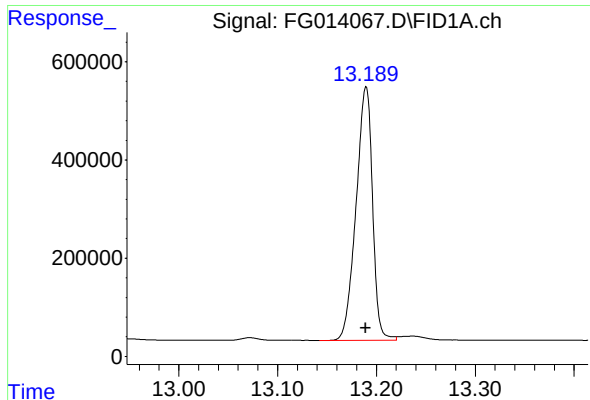
#11 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: 0.000 min
Response: 6376712
Conc: 49.76 ug/ml



#12 Fluoranthene (C21.85)

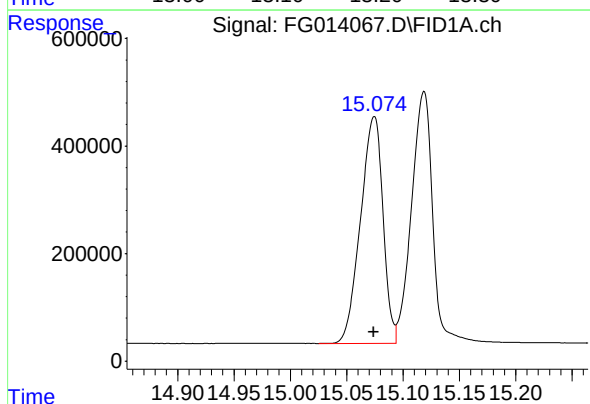
R.T.: 12.891 min
Delta R.T.: 0.000 min
Response: 6078331
Conc: 49.39 ug/ml



#13 Pyrene (C20.8)

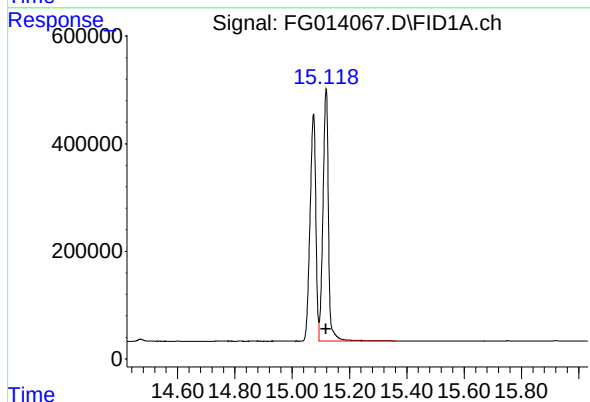
R.T.: 13.189 min
Delta R.T.: 0.000 min
Response: 5987233
Conc: 49.06 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



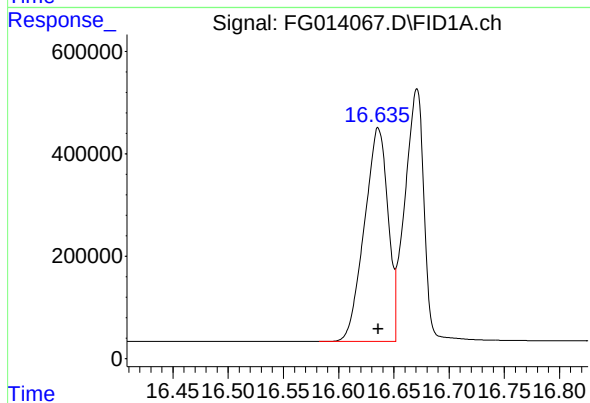
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.074 min
Delta R.T.: 0.000 min
Response: 5861610
Conc: 50.24 ug/ml



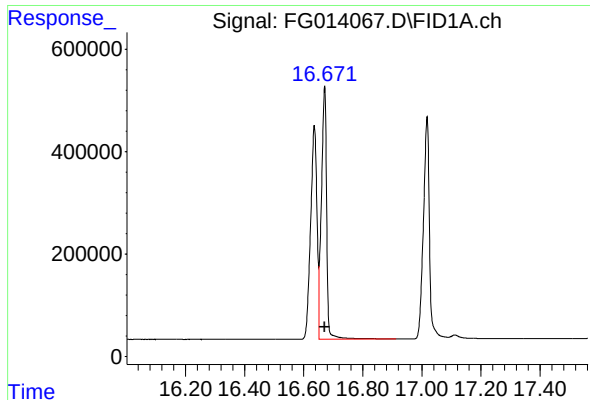
#15 Chrysene (C27.41)

R.T.: 15.118 min
Delta R.T.: 0.000 min
Response: 6209707
Conc: 49.43 ug/ml



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

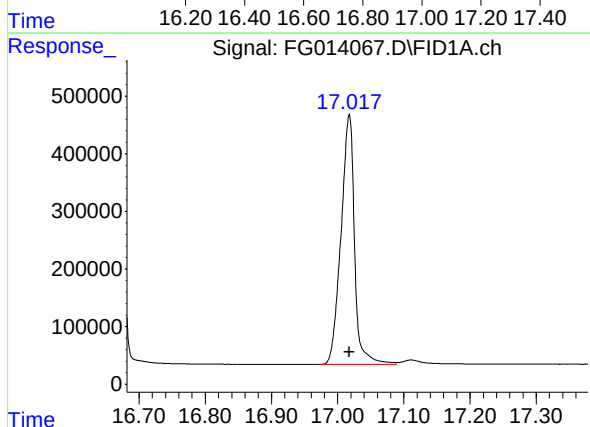
R.T.: 16.636 min
Delta R.T.: 0.000 min
Response: 6211685
Conc: 50.23 ug/ml



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

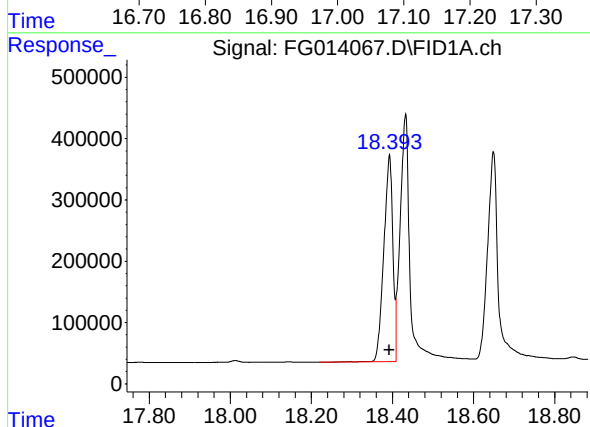
R.T.: 16.670 min
Delta R.T.: 0.000 min
Response: 6072175
Conc: 49.60 ug/ml

Instrument :
FID_G
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50 PPM AROMATIC HC STD2



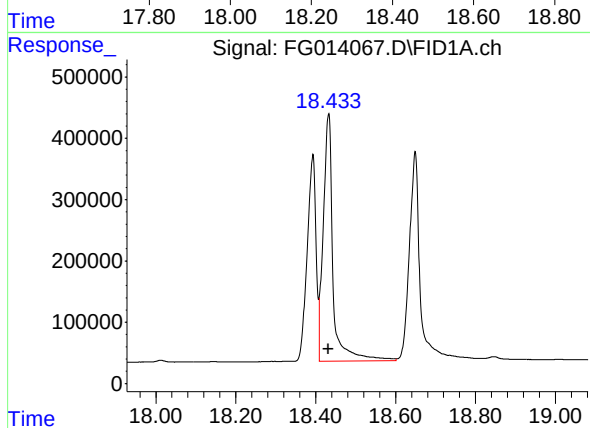
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.017 min
Delta R.T.: 0.000 min
Response: 6164590
Conc: 50.22 ug/ml



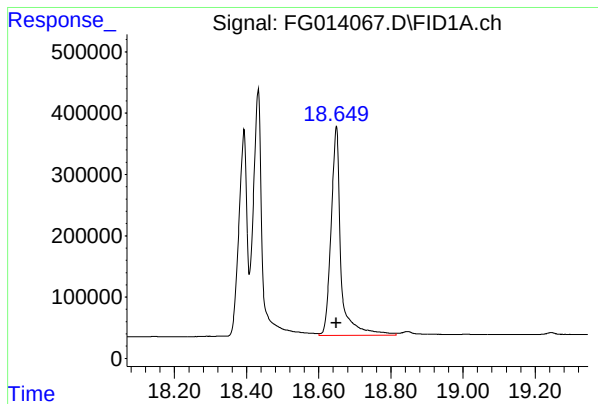
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.392 min
Delta R.T.: 0.000 min
Response: 5166827
Conc: 51.35 ug/ml



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

R.T.: 18.432 min
Delta R.T.: 0.000 min
Response: 6894441
Conc: 51.70 ug/ml



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

R.T.: 18.649 min
Delta R.T.: 0.000 min
Response: 6494598
Conc: 51.39 ug/ml

Instrument :
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ClientSampleId :
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