

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AR\
 Data File : FG014958.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 18:04
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 10 18:16:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 17:48:21 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...	7.996	2294619	19.656 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
6) S 2-Fluorobiphenyl (SURR)	8.871	1512066	19.597 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.19%
11) S ortho-Terphenyl (SURR)	11.941	2579843	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	2574286	19.627 ug/ml
2) T Naphthalene (C11.7)	6.271	2609842	19.645 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	2533179	19.702 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2587880	19.683 ug/ml
7) T Acenaphthene (C15.5)	8.971	2525713	19.671 ug/ml
8) T Fluorene (C16.55)	9.761	2485365	19.533 ug/ml
9) T Phenanthrene (C19.36)	11.168	2417886	19.530 ug/ml
10) T Anthracene (C19.43)	11.244	2331840	19.674 ug/ml
12) T Fluoranthene (C21.85)	12.991	2414275	19.430 ug/ml
13) T Pyrene (C20.8)	13.291	2399046	19.402 ug/ml
14) T Benzo[a]anthracene (C...	15.171	2253384	19.148 ug/ml
15) T Chrysene (C27.41)	15.214	2305102	19.133 ug/ml
16) T benzo[b]fluoranthene ...	16.729	2334920	19.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2348177	19.003 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.108	2219018	18.893 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.479	1955040	17.191 ug/ml
20) T Dibenz[a,h]anthracene...	18.519	2158930	16.515 ug/ml
21) T Benzo[g,h,i]perylene ...	18.734	2245208	17.715 ug/ml

(f)=RT Delta > 1/2 Window

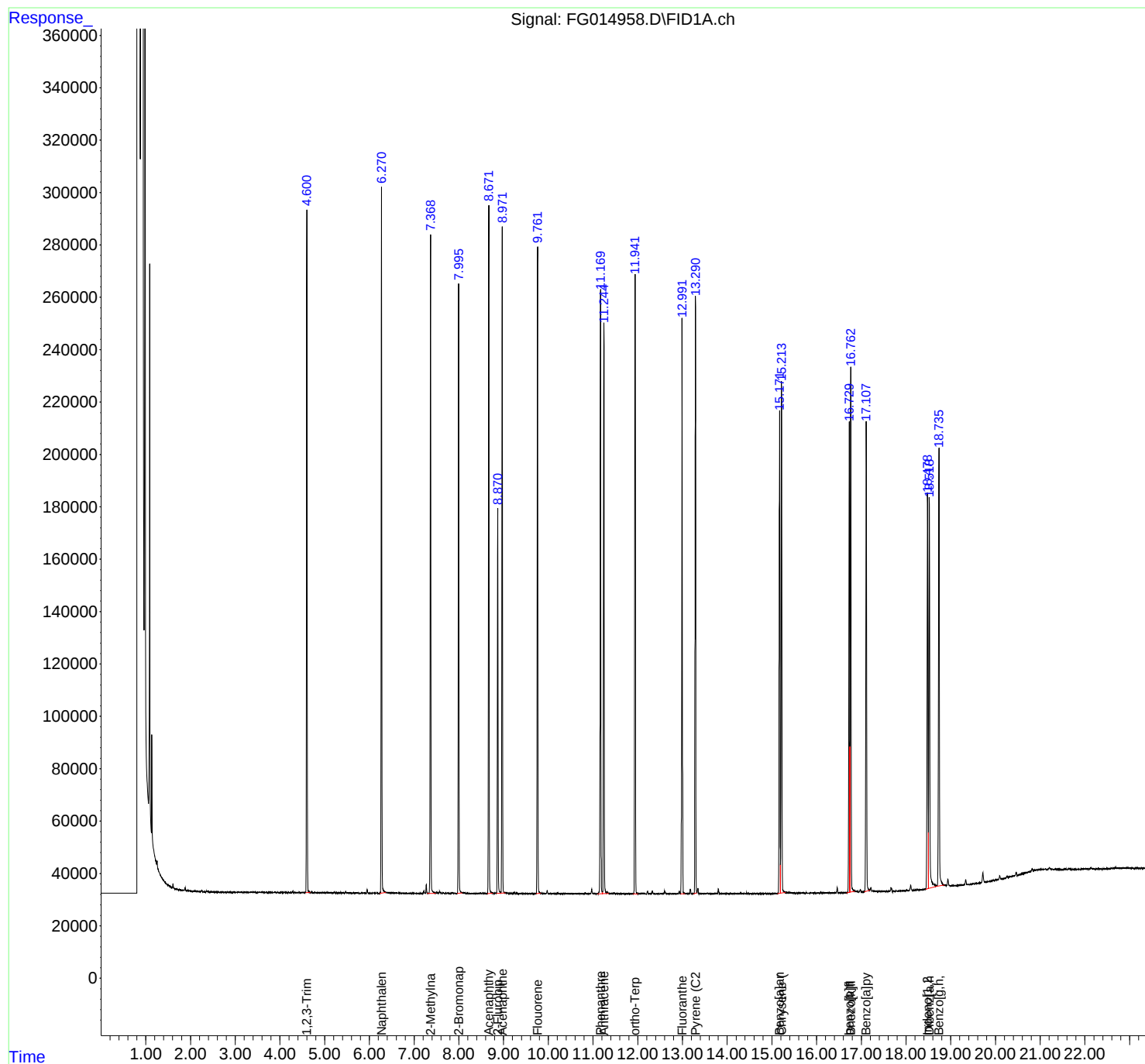
(m)=manual int.

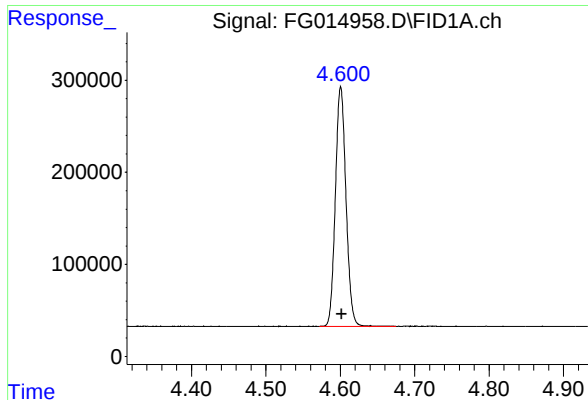
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#1 1,2,3-Trimethylbenzene (C10.1)

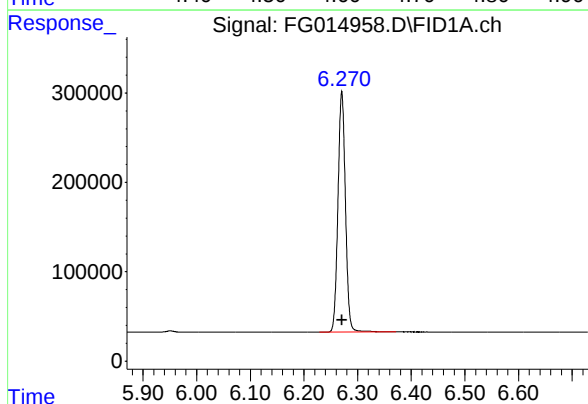
R.T.: 4.601 min
Delta R.T.: -0.001 min
Response: 2574286
Conc: 19.63 ug/ml

Instrument :

FID_G

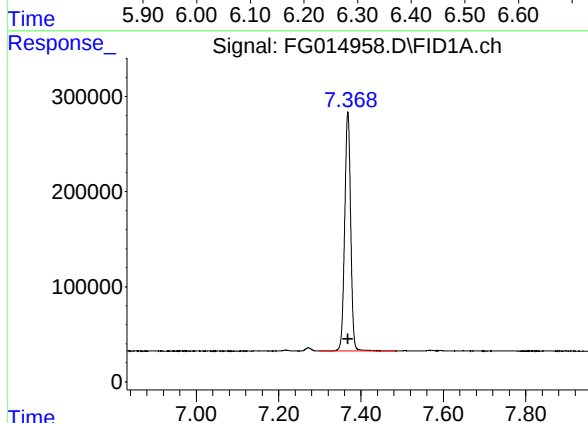
ClientSampleId :

20 PPM AROMATIC HC STD ICV



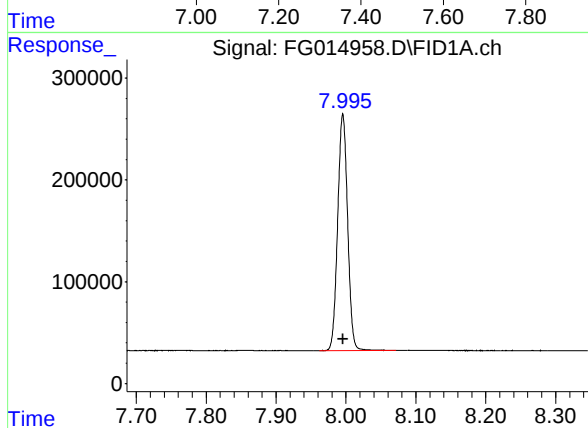
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 2609842
Conc: 19.65 ug/ml



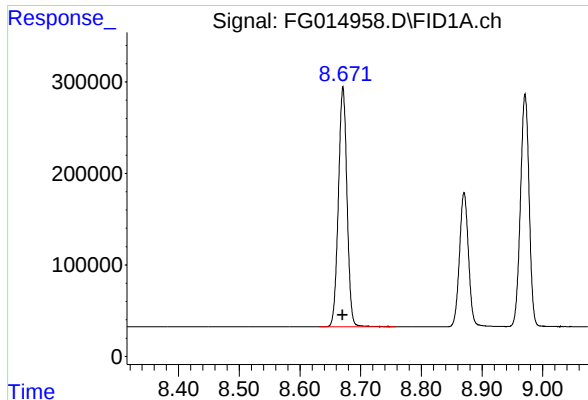
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.000 min
Response: 2533179
Conc: 19.70 ug/ml



#4 2-Bromonaphthalene (SURR)

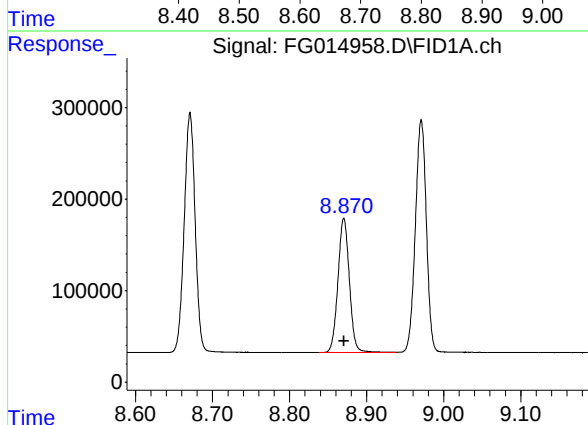
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2294619
Conc: 19.66 ug/ml



#5 Acenaphthylene (C15.06)

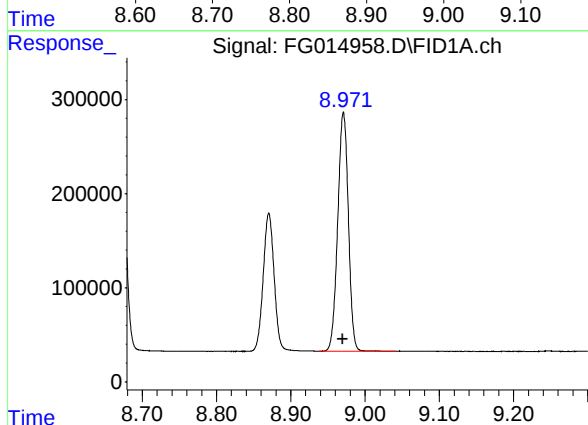
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2587880
Conc: 19.68 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



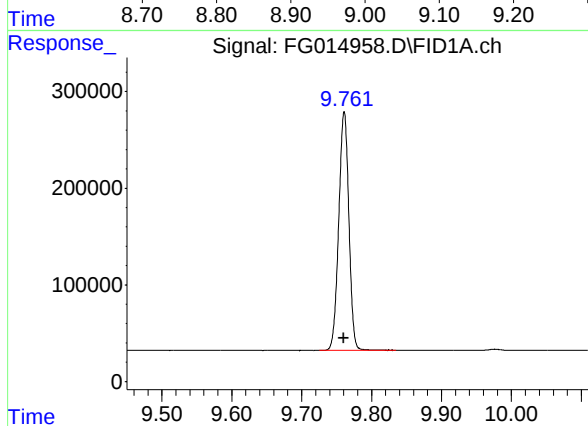
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 1512066
Conc: 19.60 ug/ml



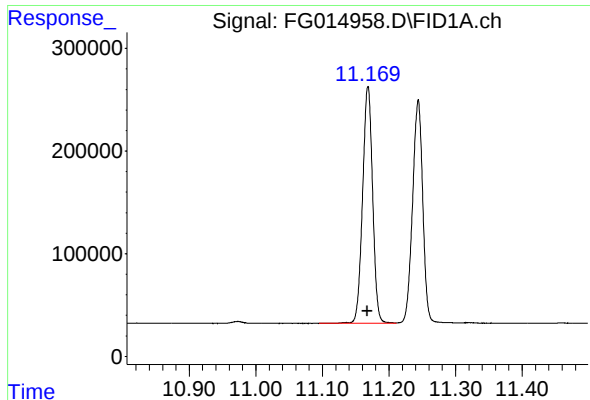
#7 Acenaphthene (C15.5)

R.T.: 8.971 min
Delta R.T.: 0.000 min
Response: 2525713
Conc: 19.67 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.761 min
Delta R.T.: 0.000 min
Response: 2485365
Conc: 19.53 ug/ml



#9 Phenanthrene (C19.36)

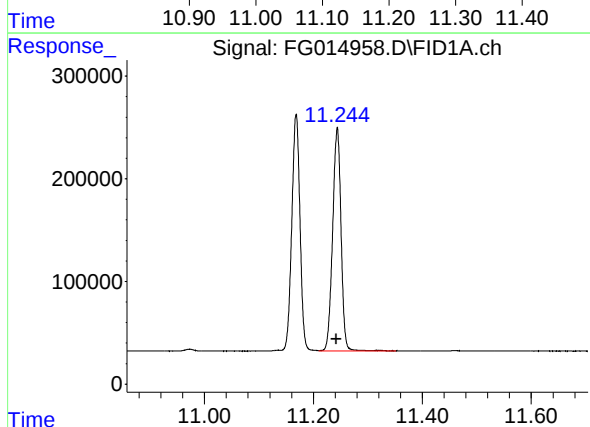
R.T.: 11.168 min
Delta R.T.: 0.000 min
Response: 2417886
Conc: 19.53 ug/ml

Instrument :

FID_G

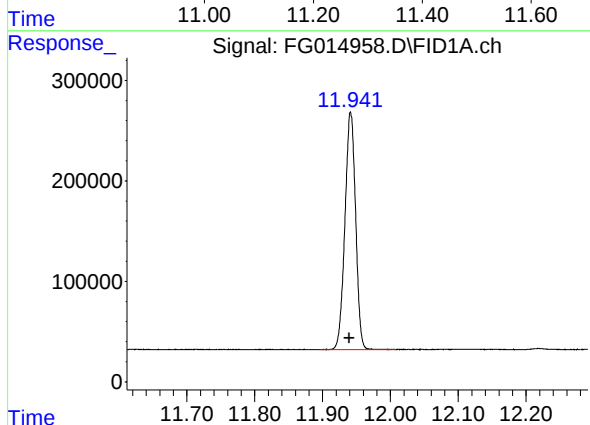
ClientSampleId :

20 PPM AROMATIC HC STD ICV



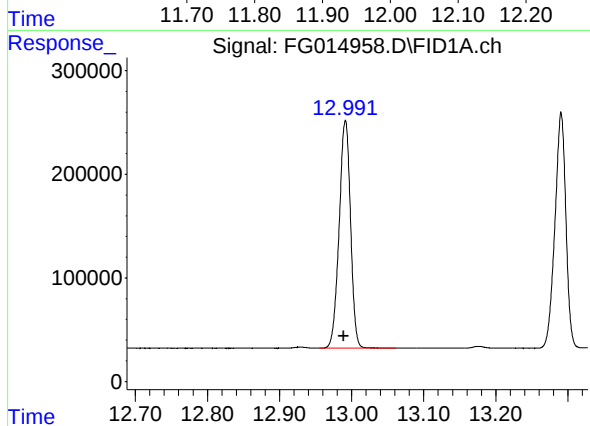
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.001 min
Response: 2331840
Conc: 19.67 ug/ml



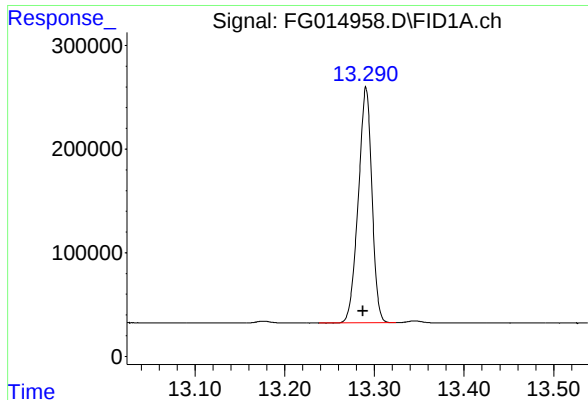
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.002 min
Response: 2579843
Conc: 19.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.991 min
Delta R.T.: 0.002 min
Response: 2414275
Conc: 19.43 ug/ml



#13 Pyrene (C20.8)

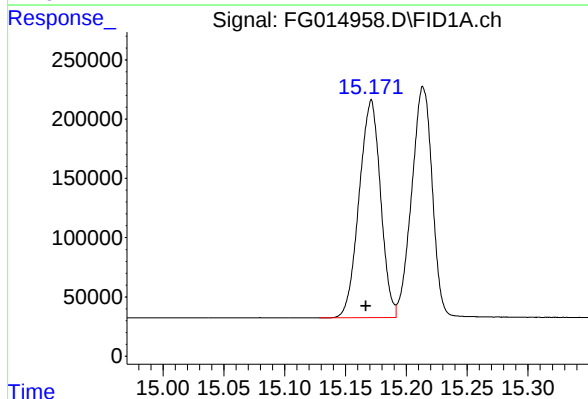
R.T.: 13.291 min
Delta R.T.: 0.003 min
Response: 2399046
Conc: 19.40 ug/ml

Instrument :

FID_G

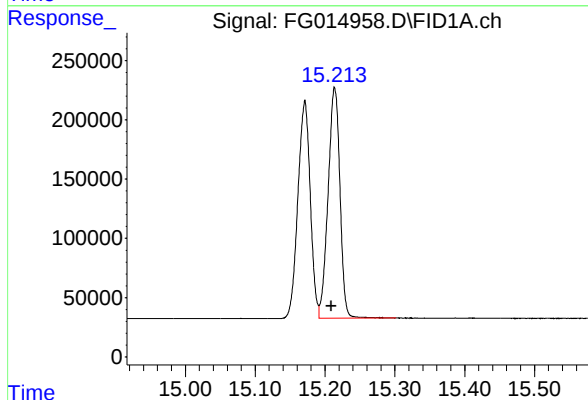
ClientSampleId :

20 PPM AROMATIC HC STD ICV



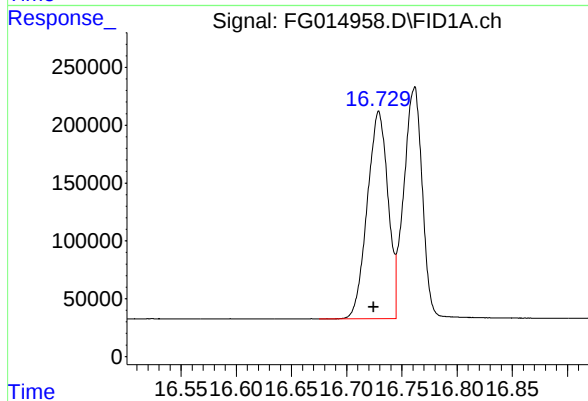
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.004 min
Response: 2253384
Conc: 19.15 ug/ml



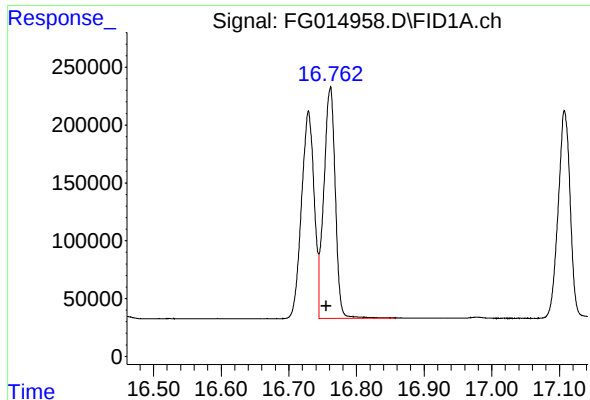
#15 Chrysene (C27.41)

R.T.: 15.214 min
Delta R.T.: 0.005 min
Response: 2305102
Conc: 19.13 ug/ml



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

R.T.: 16.729 min
Delta R.T.: 0.004 min
Response: 2334920
Conc: 19.17 ug/ml



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

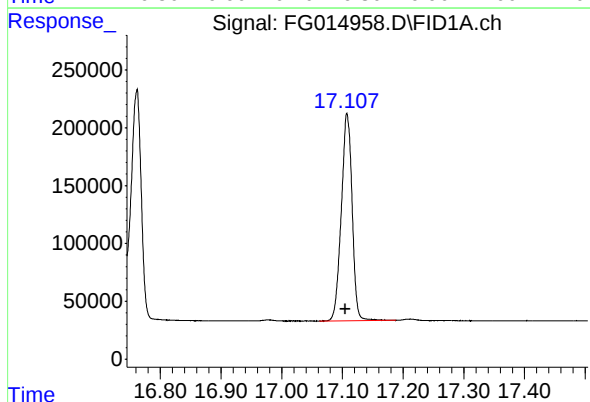
R.T.: 16.761 min
Delta R.T.: 0.005 min
Response: 2348177
Conc: 19.00 ug/ml

Instrument :

FID_G

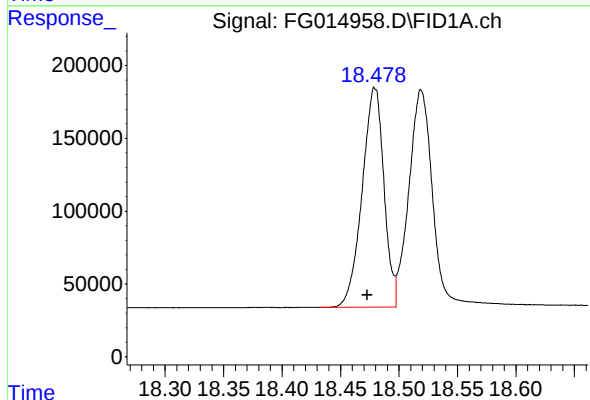
ClientSampleId :

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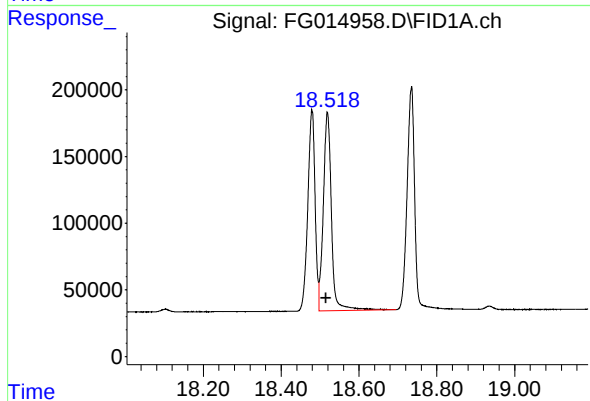
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.108 min
Delta R.T.: 0.003 min
Response: 2219018
Conc: 18.89 ug/ml



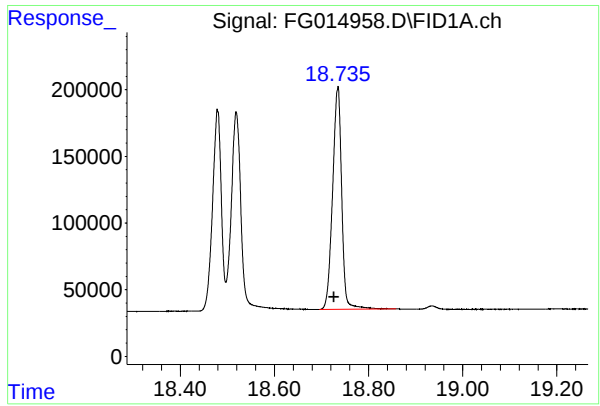
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.479 min
Delta R.T.: 0.006 min
Response: 1955040
Conc: 17.19 ug/ml



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

R.T.: 18.519 min
Delta R.T.: 0.003 min
Response: 2158930
Conc: 16.52 ug/ml



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

R.T.: 18.734 min
Delta R.T.: 0.007 min
Response: 2245208
Conc: 17.72 ug/ml

Instrument :

FID_G

ClientSampleId :

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