

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016087.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 22:24
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 16 05:29:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 2025
 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...	8.129	2169432	19.225 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
6) S 2-Fluorobiphenyl (SURR)	9.010	1500119	19.225 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.45%
11) S ortho-Terphenyl (SURR)	12.094	2561687	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	2342286	19.115 ug/ml
2) T Naphthalene (C11.7)	6.398	2483361	19.152 ug/ml
3) T 2-Methylnaphthalene (...)	7.499	2534297	19.186 ug/ml
5) T Acenaphthylene (C15.06)	8.810	2513431	19.206 ug/ml
7) T Acenaphthene (C15.5)	9.111	2508088	19.243 ug/ml
8) T Flouorene (C16.55)	9.904	2509205	19.226 ug/ml
9) T Phenanthrene (C19.36)	11.321	2506061	19.206 ug/ml
10) T Anthracene (C19.43)	11.395	2510839	19.215 ug/ml
12) T Fluoranthene (C21.85)	13.152	2517297	19.193 ug/ml
13) T Pyrene (C20.8)	13.454	2495027	19.210 ug/ml
14) T Benzo[a]anthracene (C...	15.344	2462594	19.238 ug/ml
15) T Chrysene (C27.41)	15.387	2482158	19.239 ug/ml
16) T benzo[b]fluoranthene ...	16.909	2461802	19.225 ug/ml
17) T Bnezo[k]fluoranthene ...	16.942	2324963	19.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.291	2405425	19.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.667	2202976	19.152 ug/ml
20) T Dibenz[a,h]anthracene...	18.708	2342260	19.396 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	2310876	19.350 ug/ml

(f)=RT Delta > 1/2 Window

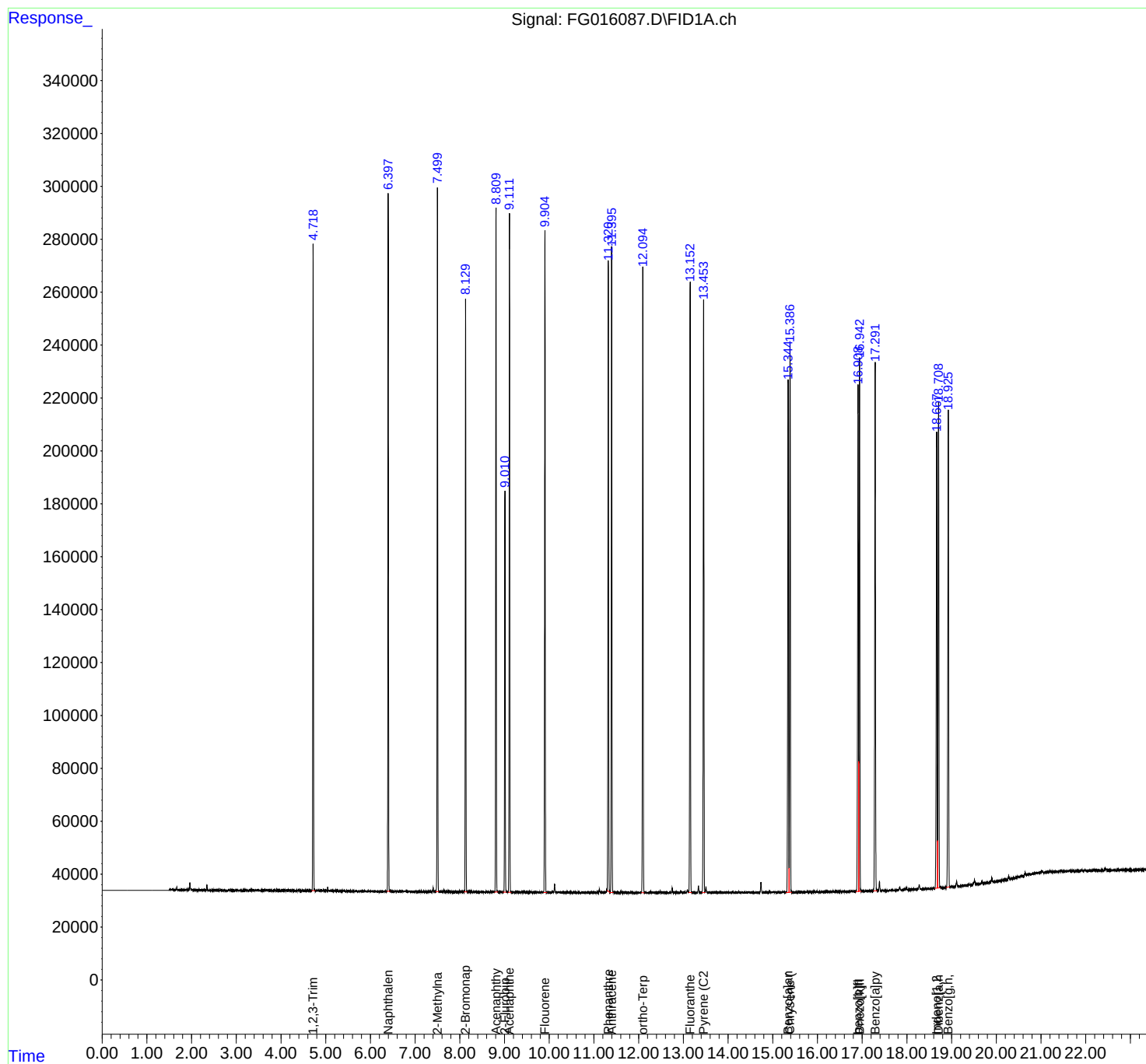
(m)=manual int.

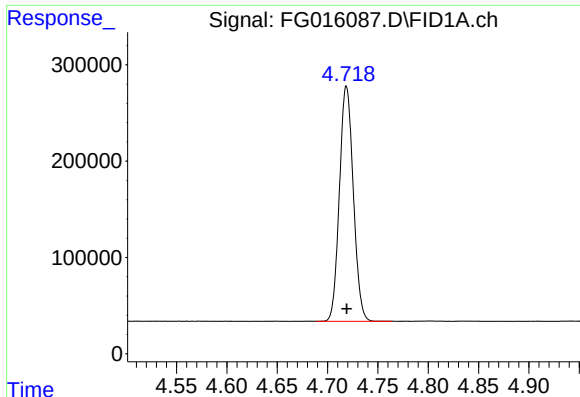
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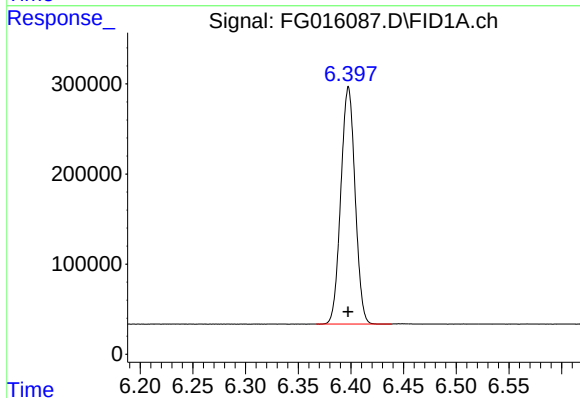




#1 1,2,3-Trimethylbenzene (C10.1)

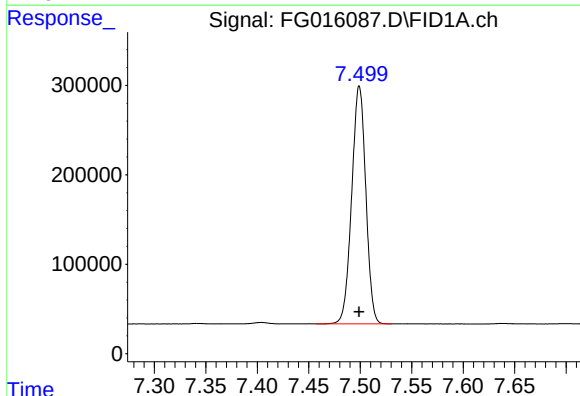
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 2342286
Conc: 19.11 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV



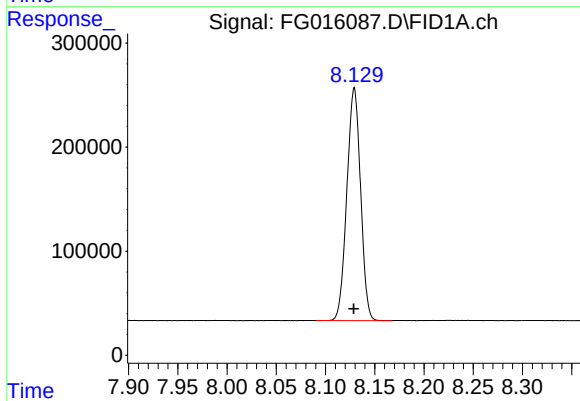
#2 Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 2483361
Conc: 19.15 ug/ml



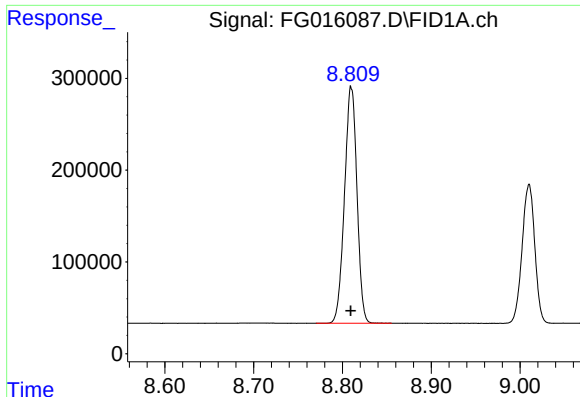
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 2534297
Conc: 19.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 2169432
Conc: 19.23 ug/ml



#5 Acenaphthylene (C15.06)

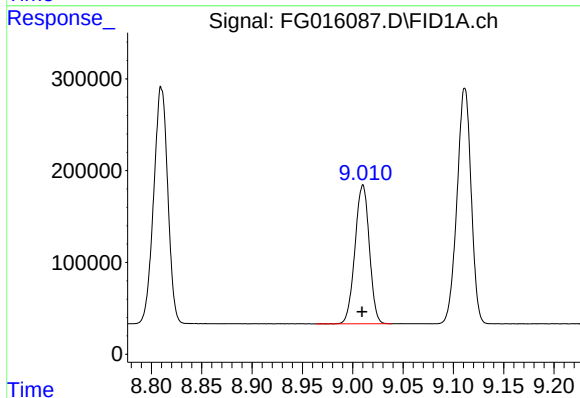
R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 2513431
Conc: 19.21 ug/ml

Instrument :

FID_G

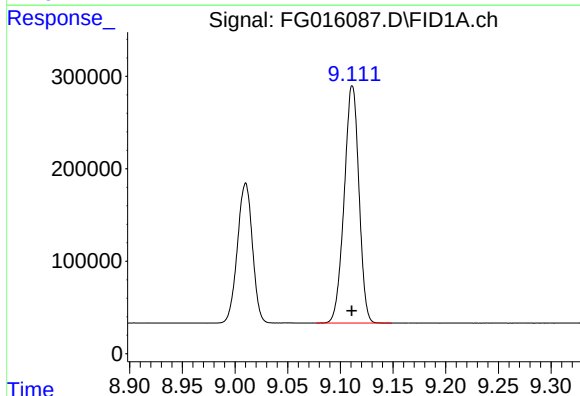
ClientSampleId :

20 PPM AROMATIC HC STD ICV



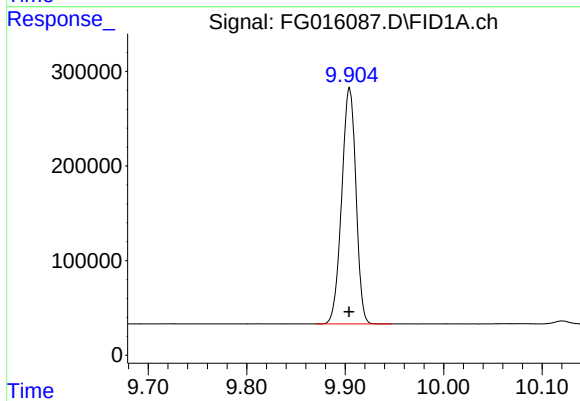
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.010 min
Delta R.T.: 0.000 min
Response: 1500119
Conc: 19.23 ug/ml



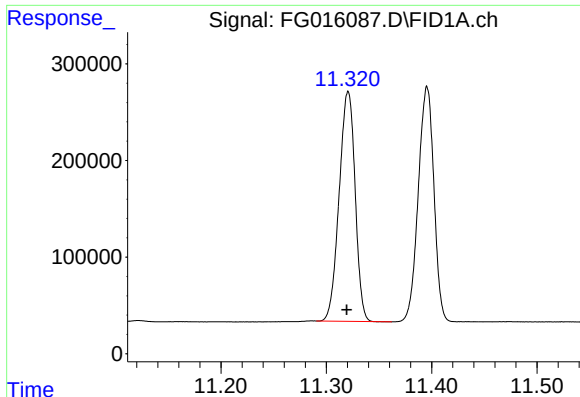
#7 Acenaphthene (C15.5)

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 2508088
Conc: 19.24 ug/ml



#8 Flouorene (C16.55)

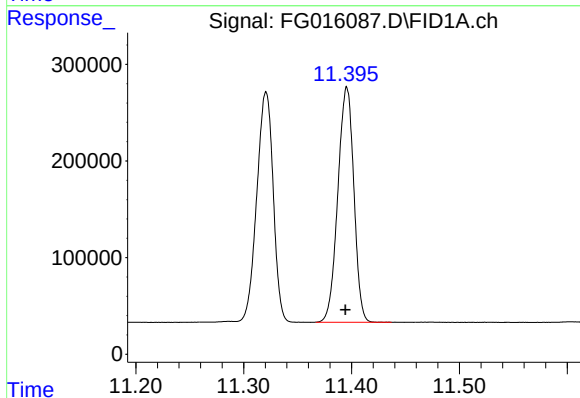
R.T.: 9.904 min
Delta R.T.: 0.000 min
Response: 2509205
Conc: 19.23 ug/ml



#9 Phenanthrene (C19.36)

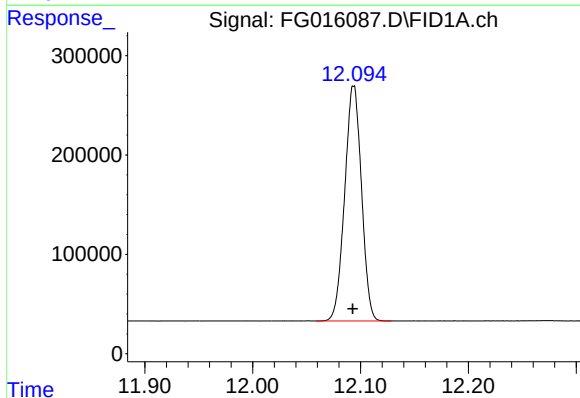
R.T.: 11.321 min
Delta R.T.: 0.001 min
Response: 2506061
Conc: 19.21 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



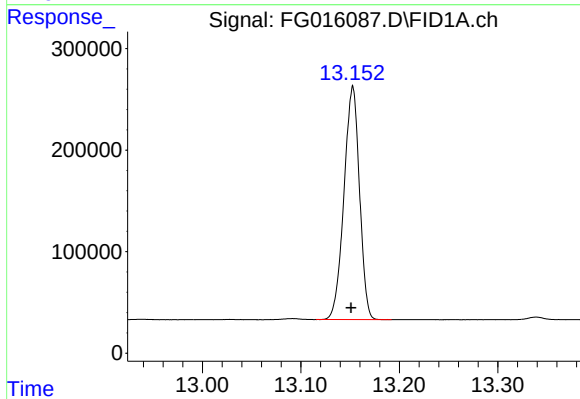
#10 Anthracene (C19.43)

R.T.: 11.395 min
Delta R.T.: 0.001 min
Response: 2510839
Conc: 19.22 ug/ml



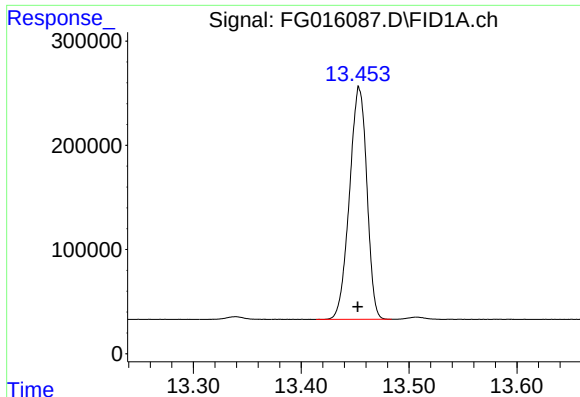
#11 ortho-Terphenyl (SURRE)

R.T.: 12.094 min
Delta R.T.: 0.000 min
Response: 2561687
Conc: 19.23 ug/ml



#12 Fluoranthene (C21.85)

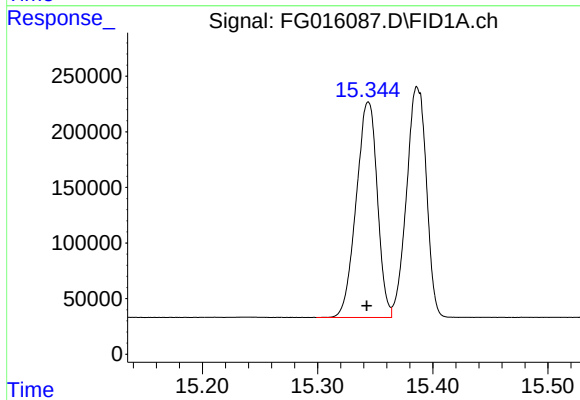
R.T.: 13.152 min
Delta R.T.: 0.001 min
Response: 2517297
Conc: 19.19 ug/ml



#13 Pyrene (C20.8)

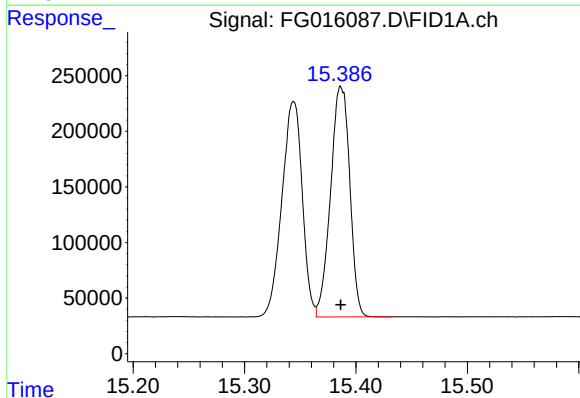
R.T.: 13.454 min
Delta R.T.: 0.001 min
Response: 2495027
Conc: 19.21 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV



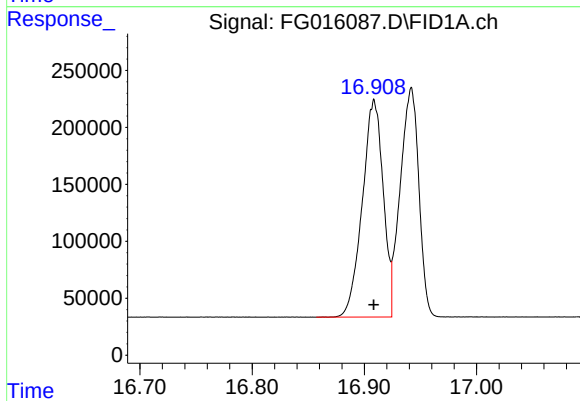
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.344 min
Delta R.T.: 0.001 min
Response: 2462594
Conc: 19.24 ug/ml



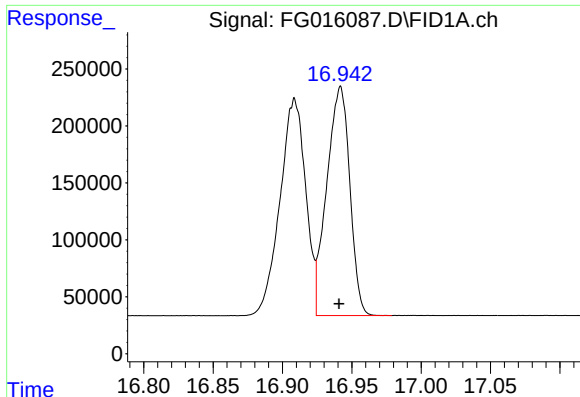
#15 Chrysene (C27.41)

R.T.: 15.387 min
Delta R.T.: 0.000 min
Response: 2482158
Conc: 19.24 ug/ml



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

R.T.: 16.909 min
Delta R.T.: 0.000 min
Response: 2461802
Conc: 19.22 ug/ml



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

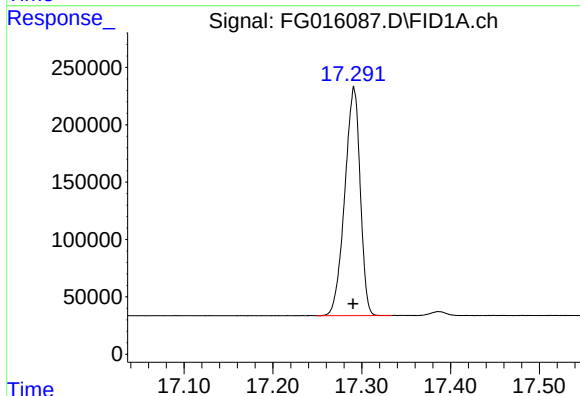
R.T.: 16.942 min
Delta R.T.: 0.000 min
Response: 2324963
Conc: 19.35 ug/ml

Instrument :

FID_G

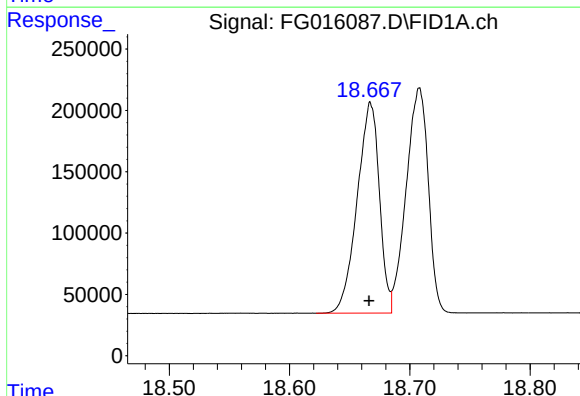
ClientSampleId :

20 PPM AROMATIC HC STD ICV



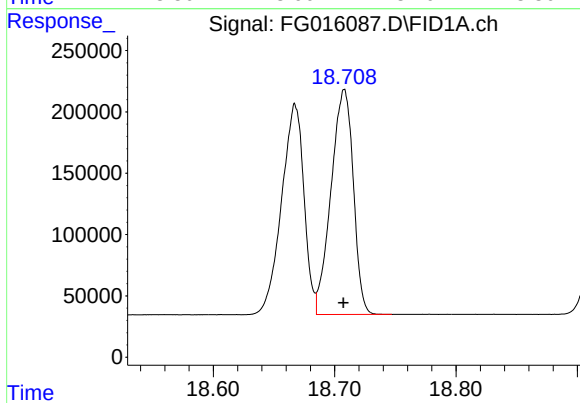
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.291 min
Delta R.T.: 0.000 min
Response: 2405425
Conc: 19.30 ug/ml



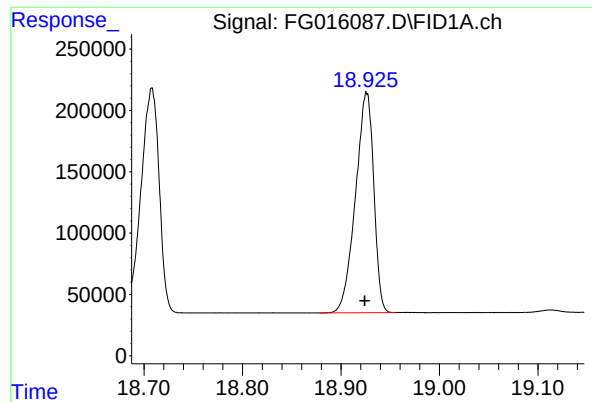
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.667 min
Delta R.T.: 0.001 min
Response: 2202976
Conc: 19.15 ug/ml



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

R.T.: 18.708 min
Delta R.T.: 0.000 min
Response: 2342260
Conc: 19.40 ug/ml



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

R.T.: 18.926 min
Delta R.T.: 0.002 min
Response: 2310876
Conc: 19.35 ug/ml

Instrument :

FID_G

ClientSampleId :

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