

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015506.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 19:29
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 18 05:06:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:03:12 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...	7.969	602634	4.908 ug/ml
Spiked Amount 50.000		Recovery =	9.82%
6) S 2-Fluorobiphenyl (SURR)	8.848	388125	4.613 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.23%
11) S ortho-Terphenyl (SURR)	11.917	752937	5.167 ug/ml
Spiked Amount 50.000		Recovery =	10.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	681641	5.145 ug/ml
2) T Naphthalene (C11.7)	6.238	662743	4.897 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	651323	4.842 ug/ml
5) T Acenaphthylene (C15.06)	8.644	719825	5.054 ug/ml
7) T Acenaphthene (C15.5)	8.943	676555	4.924 ug/ml
8) T Fluorene (C16.55)	9.737	686185	4.876 ug/ml
9) T Phenanthrene (C19.36)	11.147	715636	5.074 ug/ml
10) T Anthracene (C19.43)	11.224	689297	5.025 ug/ml
12) T Fluoranthene (C21.85)	12.973	729990	5.116 ug/ml
13) T Pyrene (C20.8)	13.271	714259	5.081 ug/ml
14) T Benzo[a]anthracene (C...	15.158	670852	4.903 ug/ml
15) T Chrysene (C27.41)	15.199	736510	5.290 ug/ml
16) T benzo[b]fluoranthene ...	16.720	656395	4.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	726748	5.369 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.104	637092	5.075 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	534014	4.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.517	705044	5.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	614526	5.174 ug/ml

(f)=RT Delta > 1/2 Window

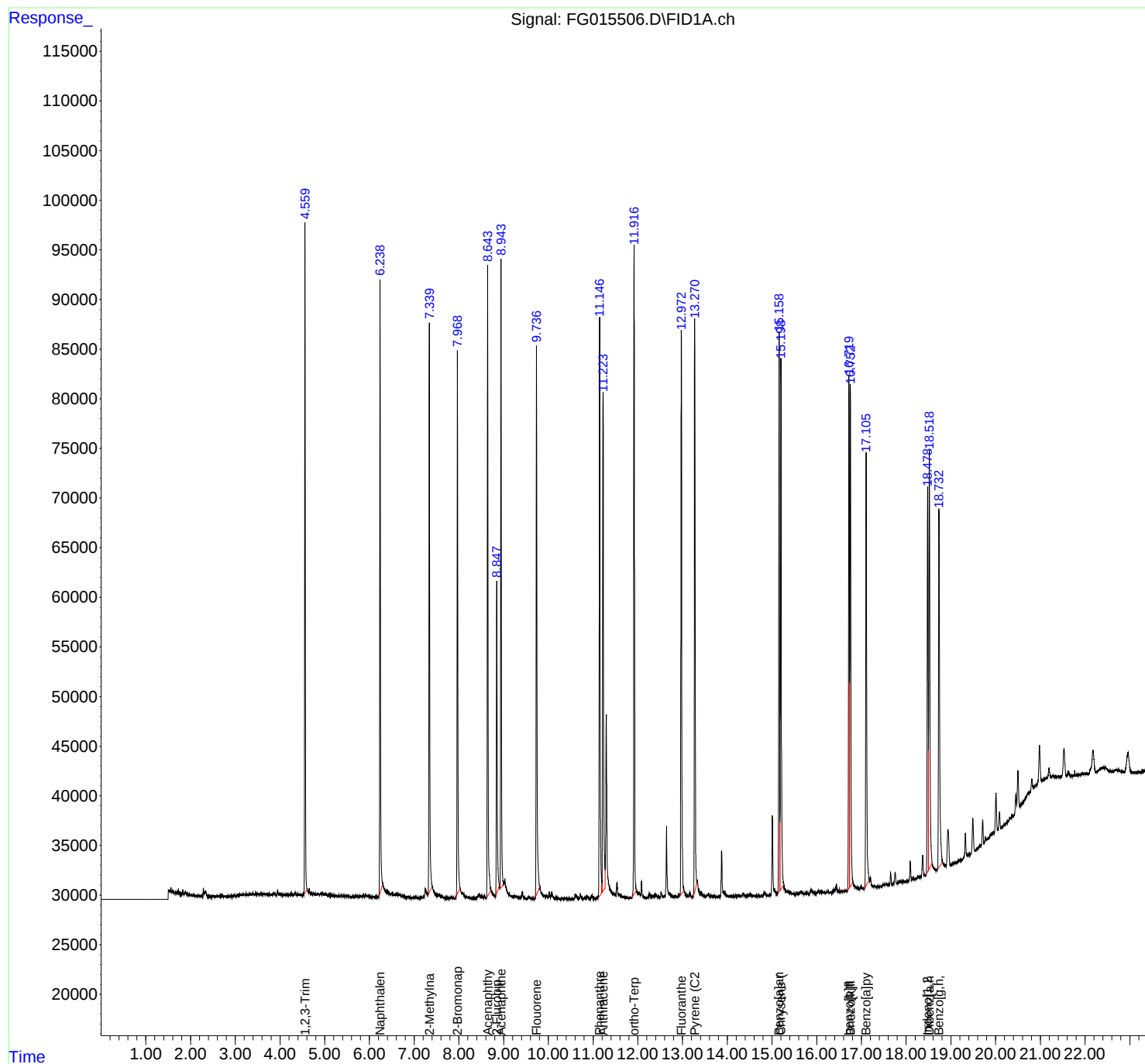
(m)=manual int.

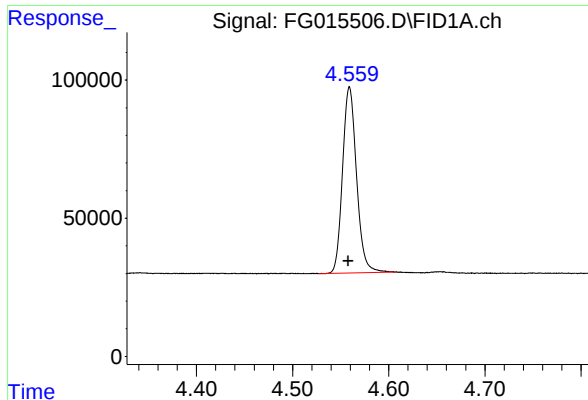
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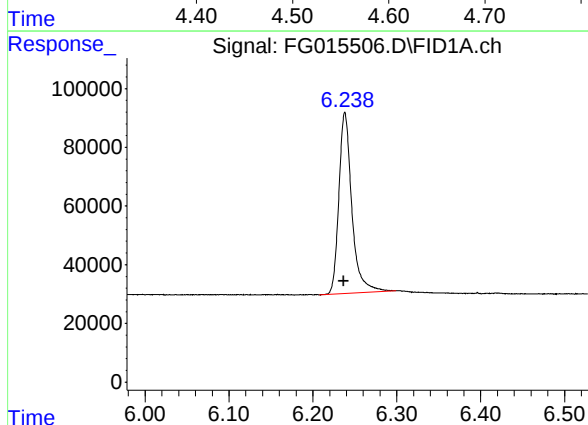




#1 1,2,3-Trimethylbenzene (C10.1)

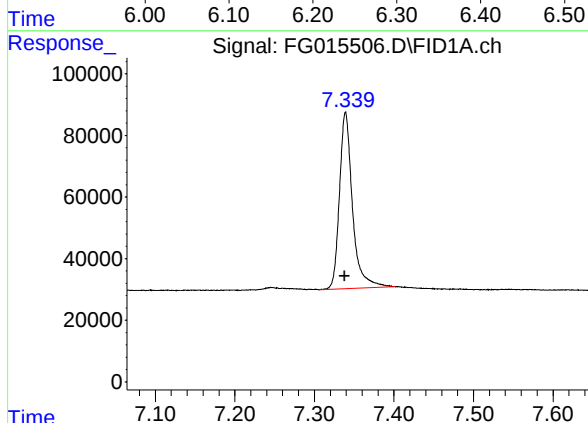
R.T.: 4.559 min
Delta R.T.: 0.001 min
Response: 681641
Conc: 5.15 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



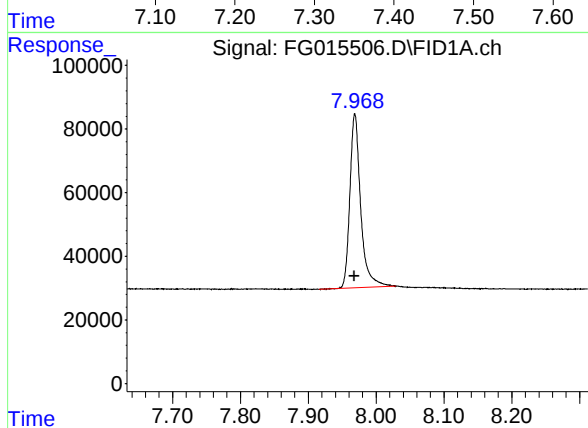
#2 Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 662743
Conc: 4.90 ug/ml



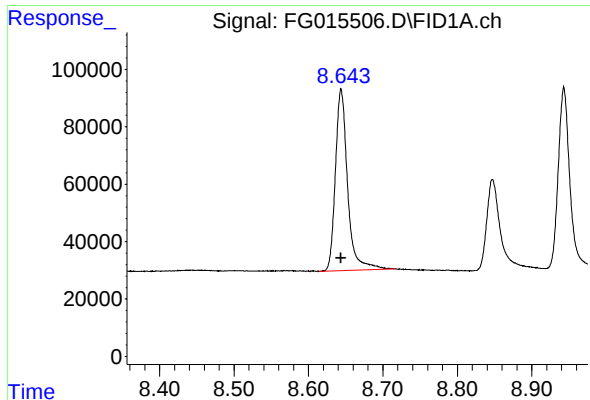
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.001 min
Response: 651323
Conc: 4.84 ug/ml



#4 2-Bromonaphthalene (SURR)

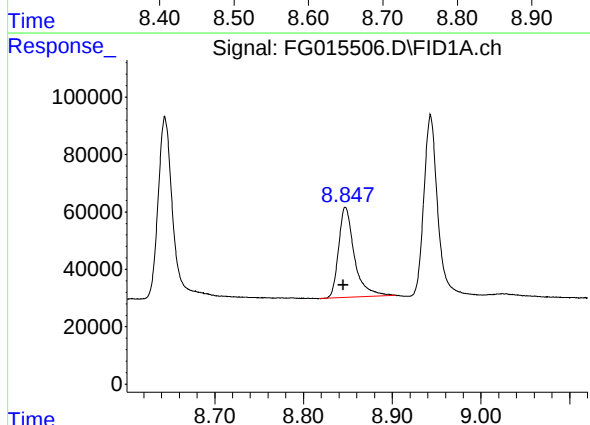
R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 602634
Conc: 4.91 ug/ml



#5 Acenaphthylene (C15.06)

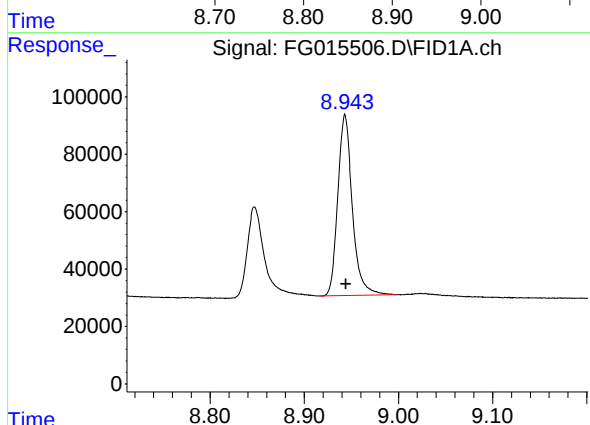
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 719825
Conc: 5.05 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



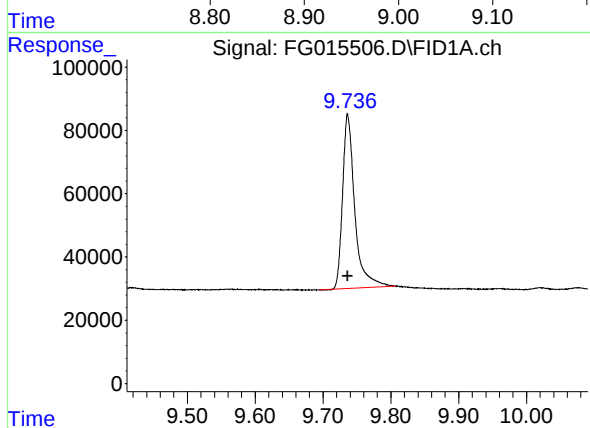
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.848 min
Delta R.T.: 0.003 min
Response: 388125
Conc: 4.61 ug/ml



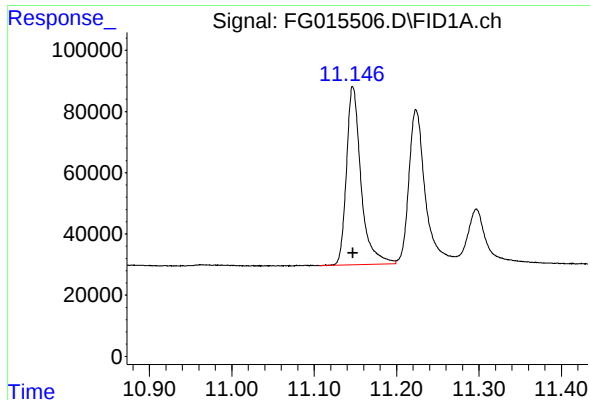
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: 0.000 min
Response: 676555
Conc: 4.92 ug/ml



#8 Flouorene (C16.55)

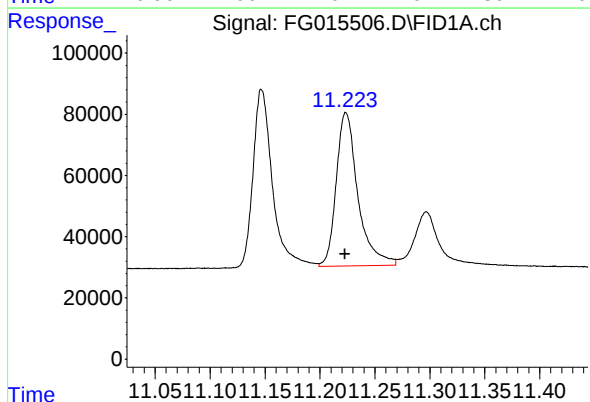
R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 686185
Conc: 4.88 ug/ml



#9 Phenanthrene (C19.36)

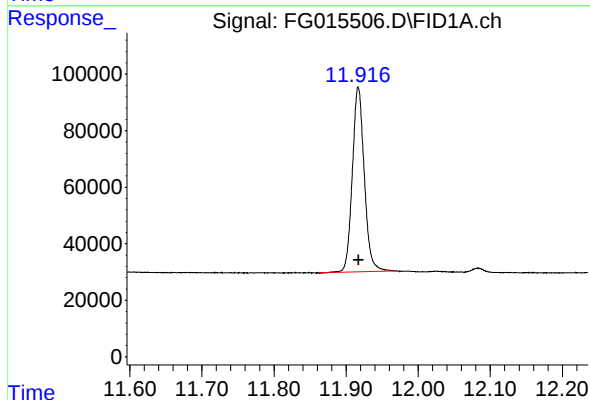
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 715636
Conc: 5.07 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



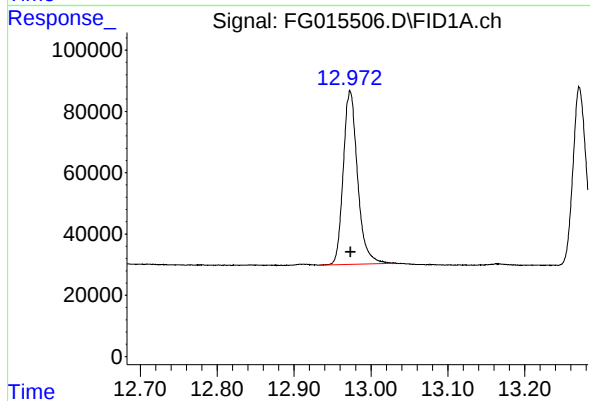
#10 Anthracene (C19.43)

R.T.: 11.224 min
Delta R.T.: 0.001 min
Response: 689297
Conc: 5.03 ug/ml



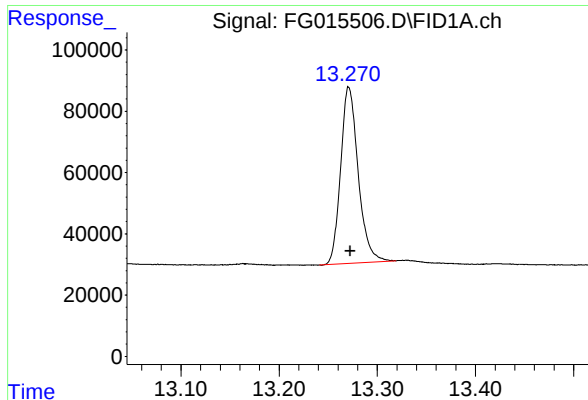
#11 ortho-Terphenyl (SURRE)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 752937
Conc: 5.17 ug/ml



#12 Fluoranthene (C21.85)

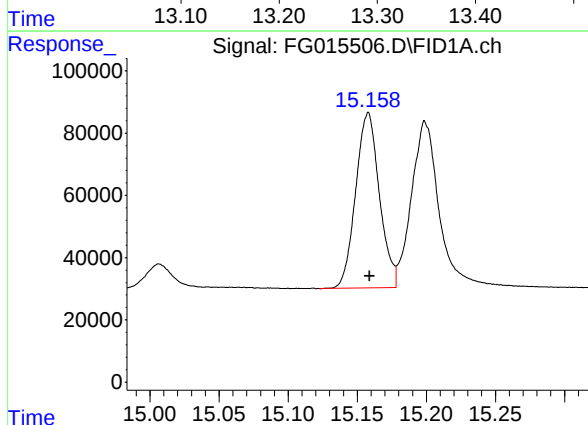
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 729990
Conc: 5.12 ug/ml



#13 Pyrene (C20.8)

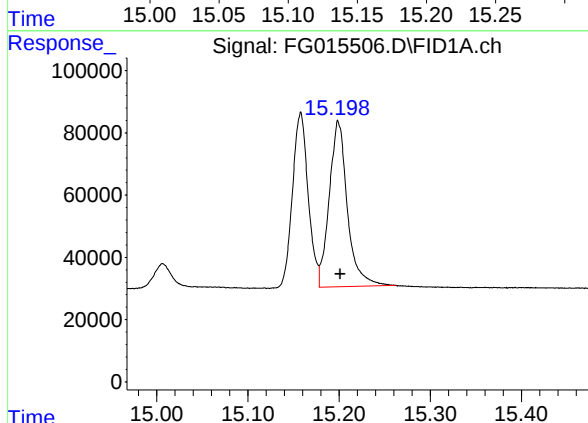
R.T.: 13.271 min
Delta R.T.: -0.001 min
Response: 714259
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



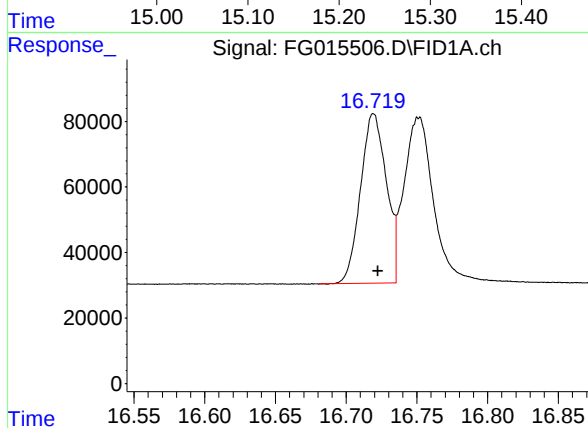
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: -0.001 min
Response: 670852
Conc: 4.90 ug/ml



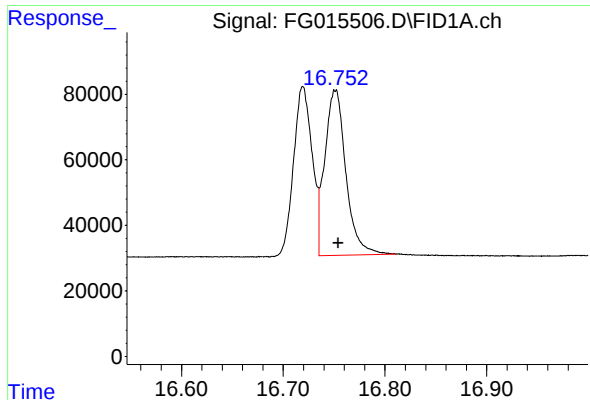
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: -0.002 min
Response: 736510
Conc: 5.29 ug/ml



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

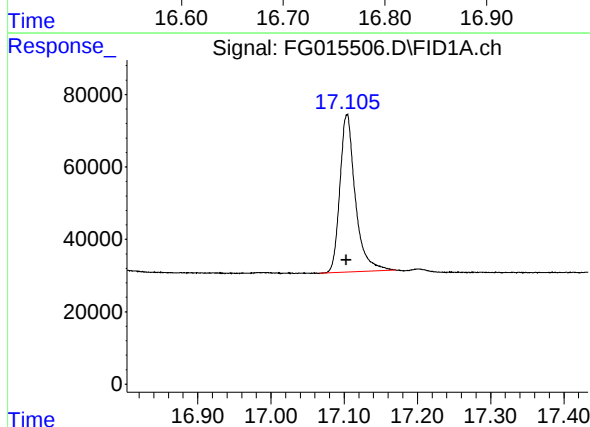
R.T.: 16.720 min
Delta R.T.: -0.003 min
Response: 656395
Conc: 4.92 ug/ml



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

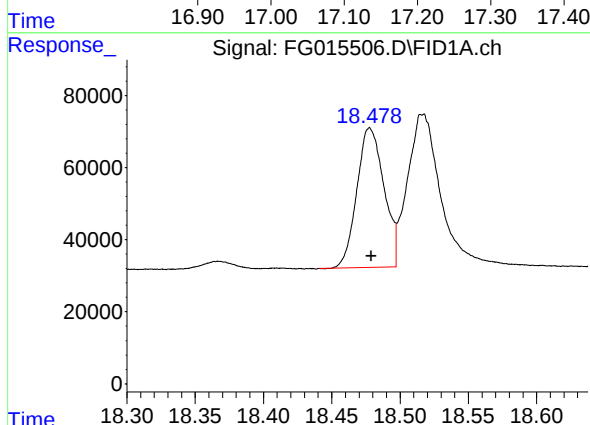
R.T.: 16.751 min
Delta R.T.: -0.003 min
Response: 726748
Conc: 5.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



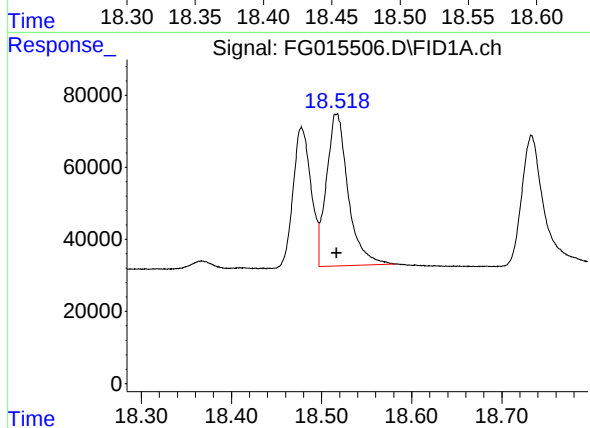
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.104 min
Delta R.T.: 0.000 min
Response: 637092
Conc: 5.07 ug/ml



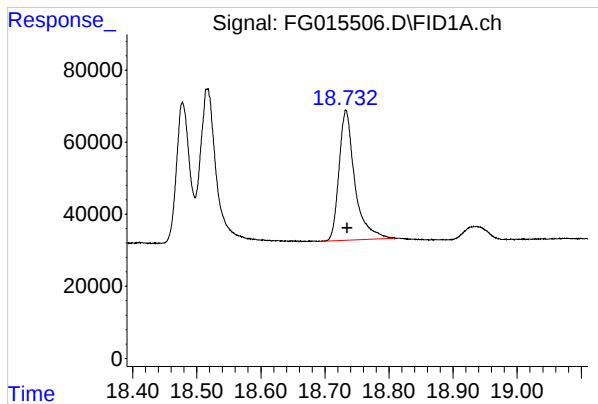
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 534014
Conc: 4.89 ug/ml



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

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 705044
Conc: 5.42 ug/ml



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

R.T.: 18.733 min
Delta R.T.: -0.002 min
Response: 614526
Conc: 5.17 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5