

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015505.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 19:00
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 18 05:05:54 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...	7.968	1213703	9.885 ug/ml
Spiked Amount 50.000		Recovery =	19.77%
6) S 2-Fluorobiphenyl (SURR)	8.846	814531	9.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.36%
11) S ortho-Terphenyl (SURR)	11.918	1473663	10.112 ug/ml
Spiked Amount 50.000		Recovery =	20.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.559	1335509	10.081 ug/ml
2) T Naphthalene (C11.7)	6.237	1337169	9.881 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	1317757	9.797 ug/ml
5) T Acenaphthylene (C15.06)	8.643	1411336	9.910 ug/ml
7) T Acenaphthene (C15.5)	8.943	1367689	9.955 ug/ml
8) T Fluorene (C16.55)	9.736	1396110	9.920 ug/ml
9) T Phenanthrene (C19.36)	11.146	1410660	10.002 ug/ml
10) T Anthracene (C19.43)	11.222	1372213	10.004 ug/ml
12) T Fluoranthene (C21.85)	12.973	1437068	10.072 ug/ml
13) T Pyrene (C20.8)	13.271	1409735	10.029 ug/ml
14) T Benzo[a]anthracene (C...	15.156	1355370	9.906 ug/ml
15) T Chrysene (C27.41)	15.198	1434548	10.304 ug/ml
16) T benzo[b]fluoranthene ...	16.718	1325261	9.943 ug/ml
17) T Bnezo[k]fluoranthene ...	16.749	1394802	10.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.102	1260891	10.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.476	1079071	9.879 ug/ml
20) T Dibenz[a,h]anthracene...	18.515	1343184	10.324 ug/ml
21) T Benzo[g,h,i]perylene ...	18.731	1202673	10.127 ug/ml

(f)=RT Delta > 1/2 Window

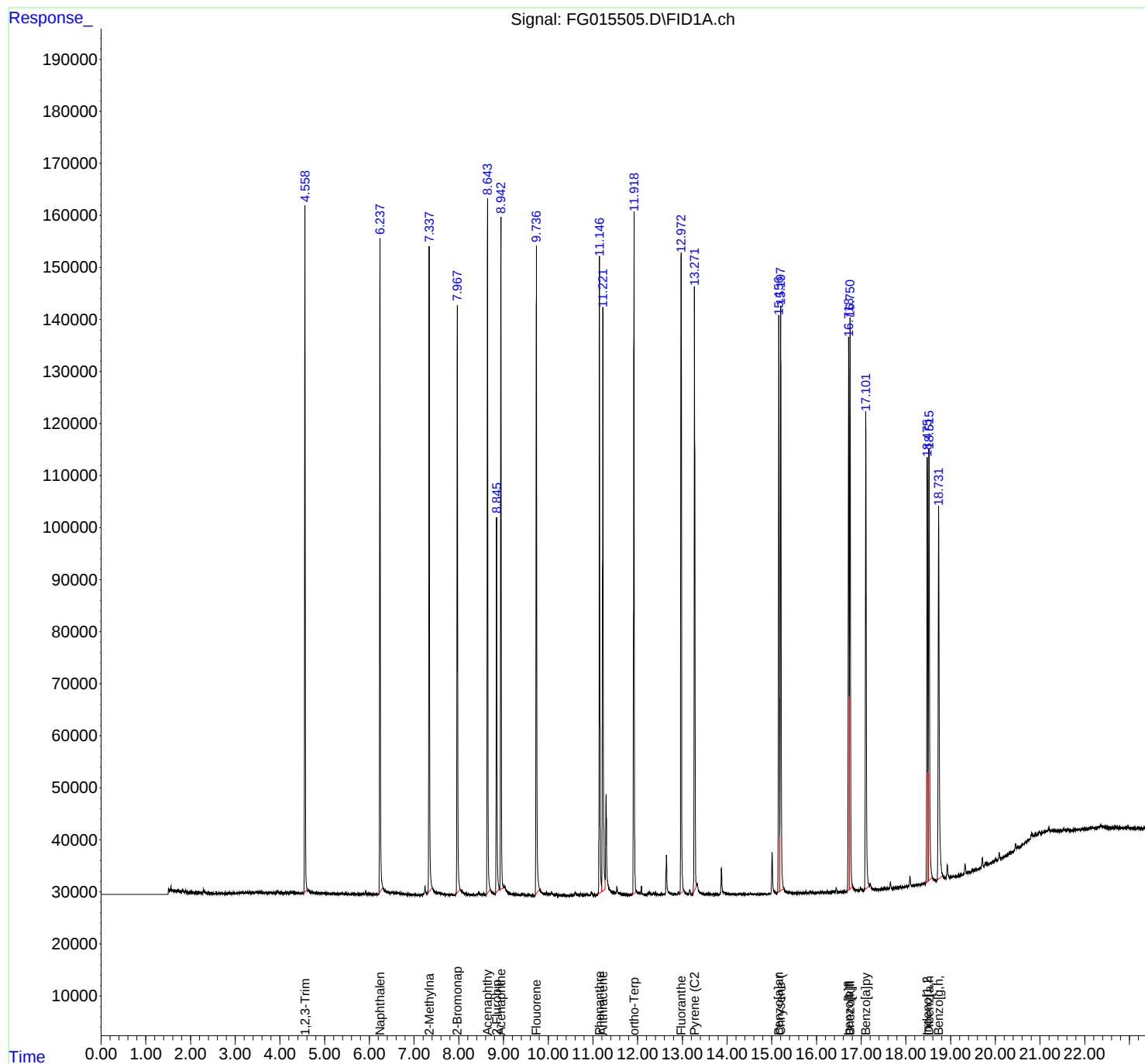
(m)=manual int.

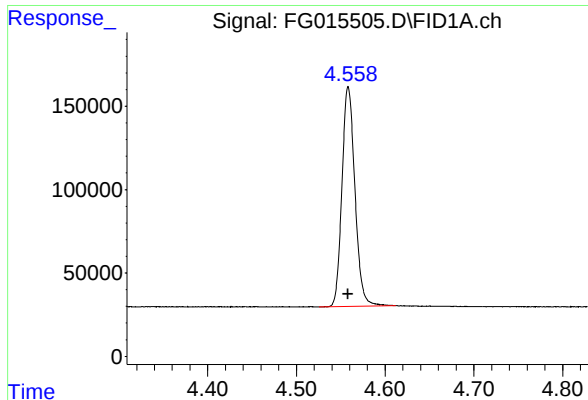
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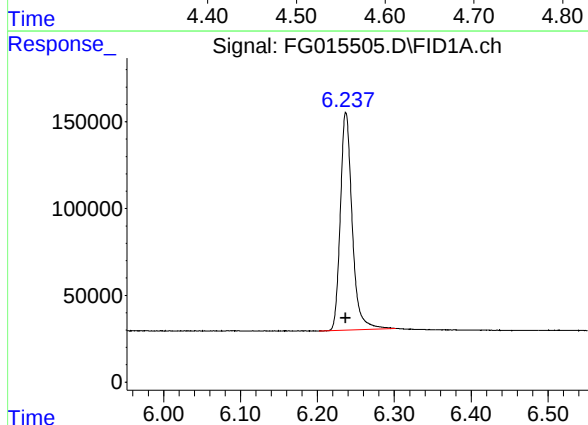




#1 1,2,3-Trimethylbenzene (C10.1)

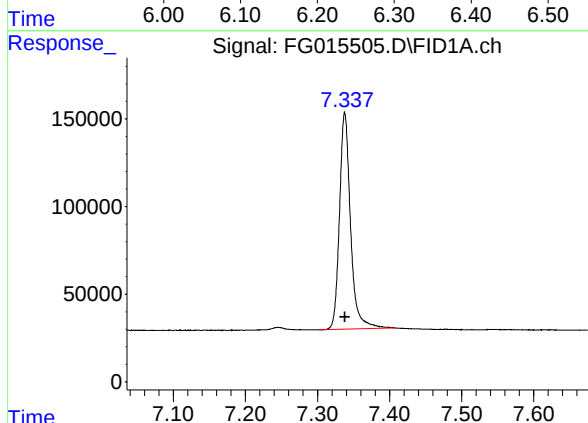
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 1335509
Conc: 10.08 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



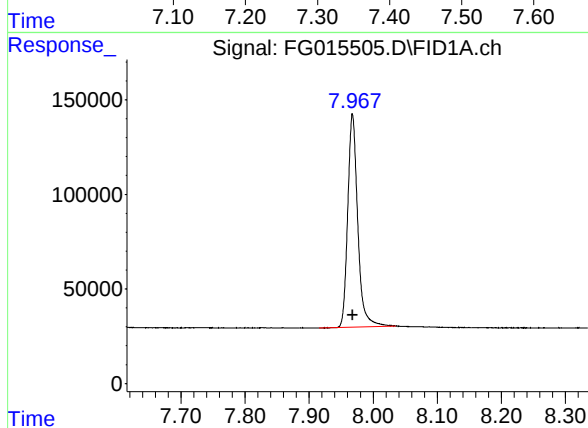
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 1337169
Conc: 9.88 ug/ml



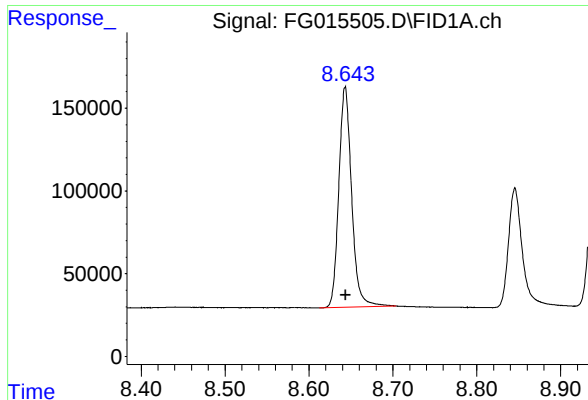
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 1317757
Conc: 9.80 ug/ml



#4 2-Bromonaphthalene (SURR)

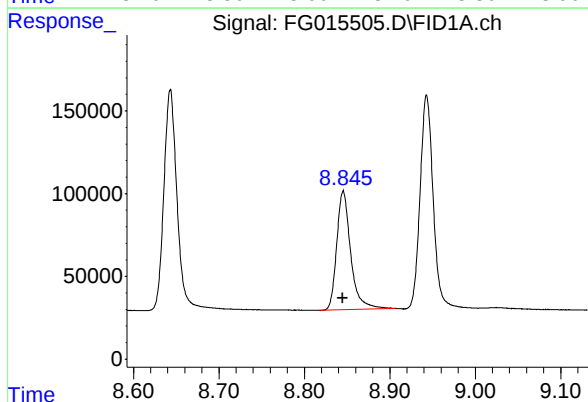
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 1213703
Conc: 9.89 ug/ml



#5 Acenaphthylene (C15.06)

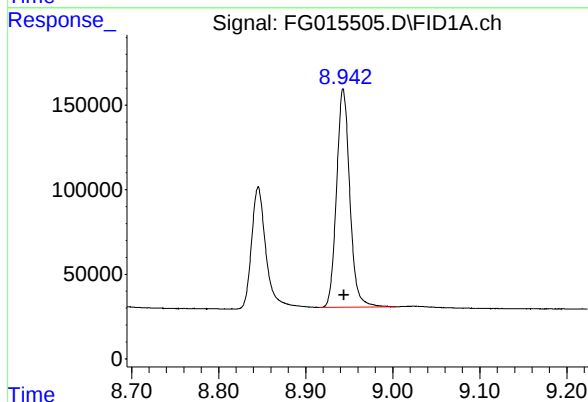
R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 1411336
Conc: 9.91 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



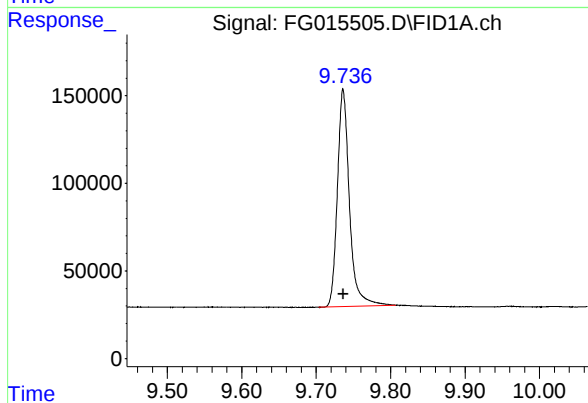
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 814531
Conc: 9.68 ug/ml



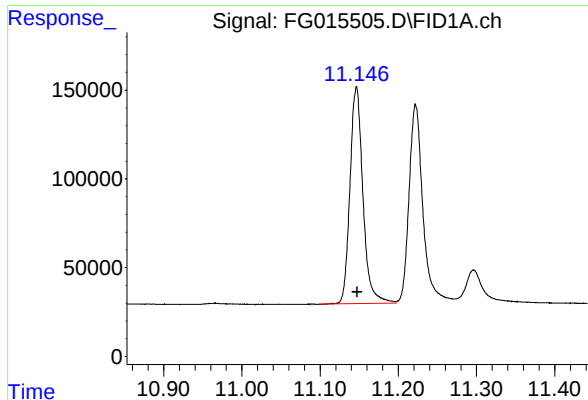
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: 0.000 min
Response: 1367689
Conc: 9.95 ug/ml



#8 Flouorene (C16.55)

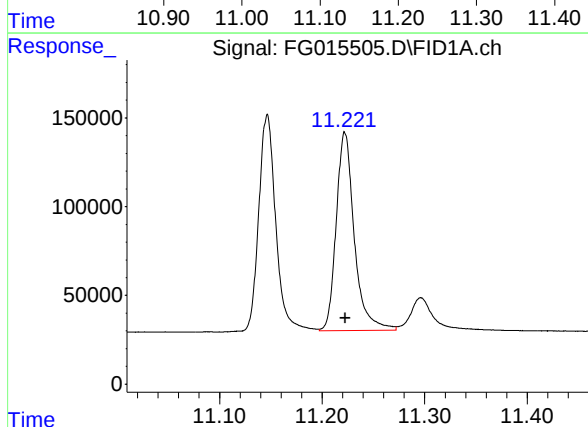
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 1396110
Conc: 9.92 ug/ml



#9 Phenanthrene (C19.36)

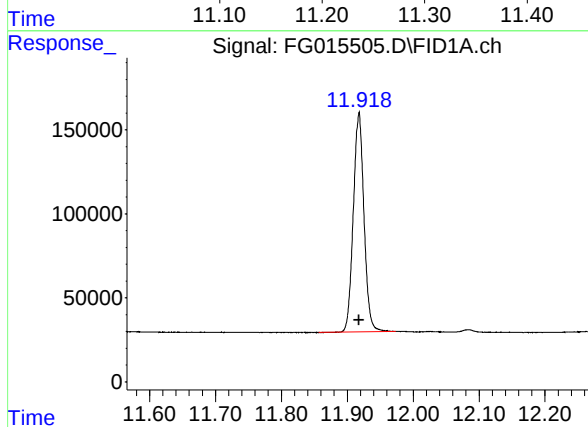
R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 1410660
Conc: 10.00 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



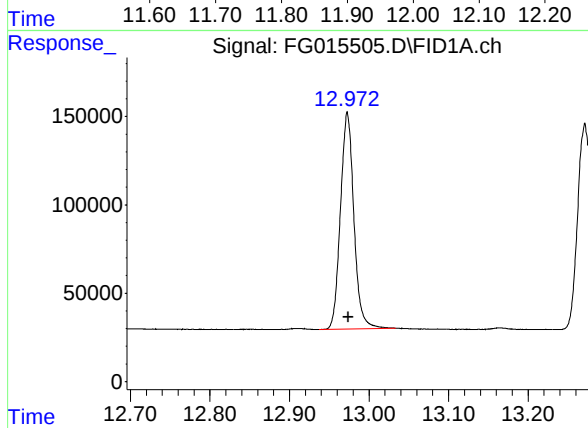
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: 0.000 min
Response: 1372213
Conc: 10.00 ug/ml



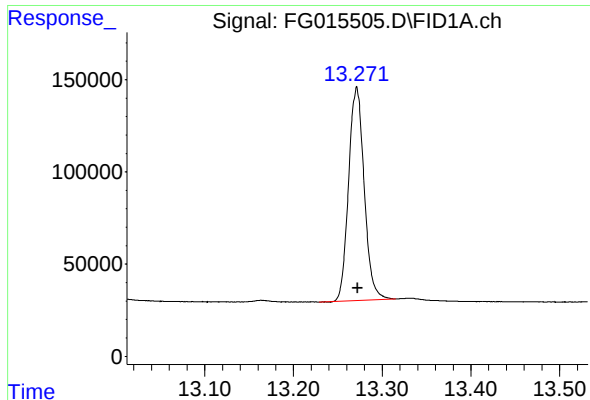
#11 ortho-Terphenyl (SURRE)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 1473663
Conc: 10.11 ug/ml



#12 Fluoranthene (C21.85)

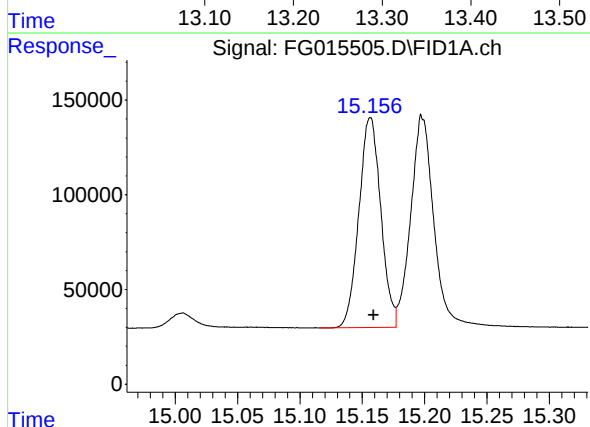
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 1437068
Conc: 10.07 ug/ml



#13 Pyrene (C20.8)

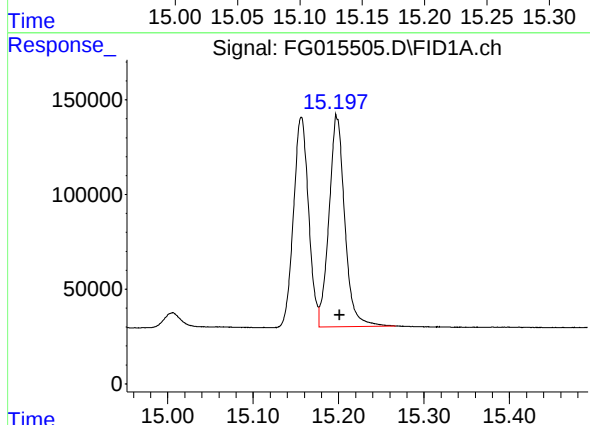
R.T.: 13.271 min
Delta R.T.: -0.002 min
Response: 1409735
Conc: 10.03 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



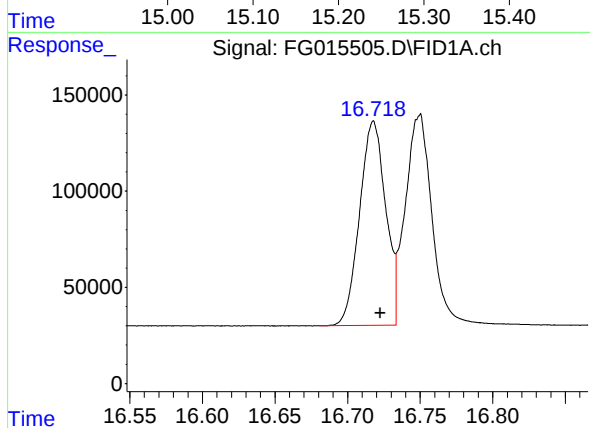
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.156 min
Delta R.T.: -0.002 min
Response: 1355370
Conc: 9.91 ug/ml



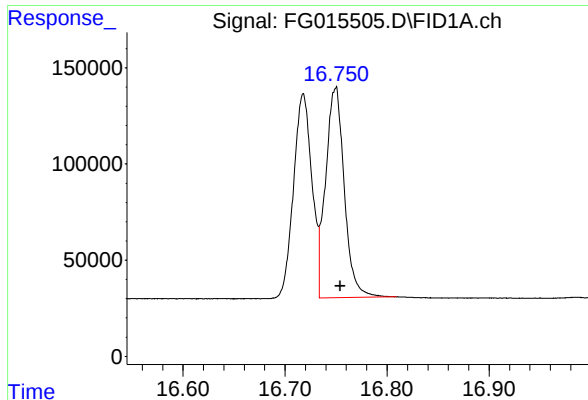
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: -0.003 min
Response: 1434548
Conc: 10.30 ug/ml



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

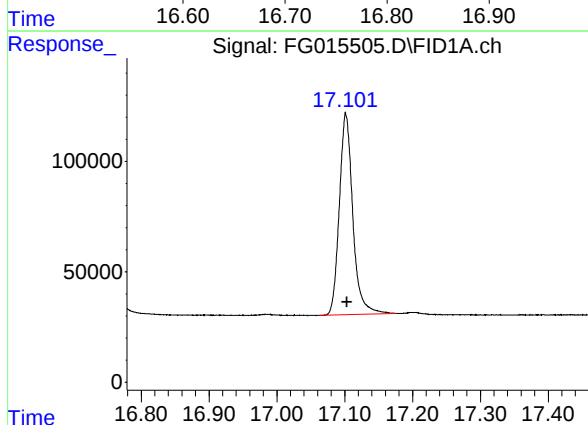
R.T.: 16.718 min
Delta R.T.: -0.005 min
Response: 1325261
Conc: 9.94 ug/ml



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

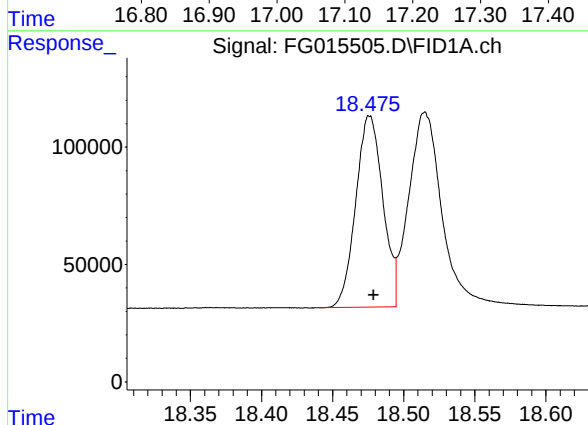
R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 1394802
Conc: 10.30 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



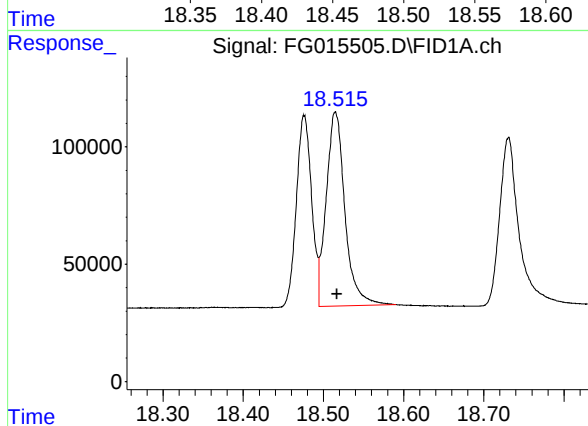
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.102 min
Delta R.T.: -0.001 min
Response: 1260891
Conc: 10.04 ug/ml



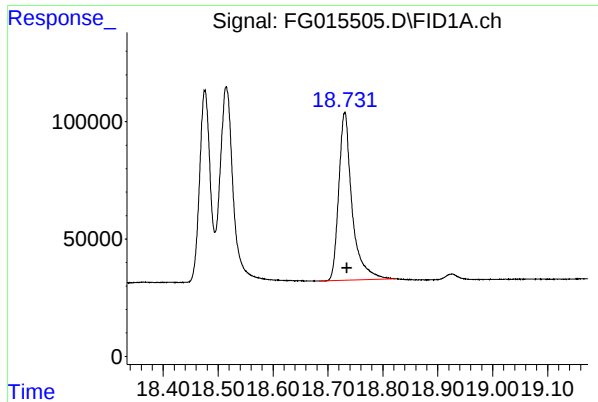
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.476 min
Delta R.T.: -0.003 min
Response: 1079071
Conc: 9.88 ug/ml



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

R.T.: 18.515 min
Delta R.T.: -0.002 min
Response: 1343184
Conc: 10.32 ug/ml



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

R.T.: 18.731 min

Delta R.T.: -0.004 min

Response: 1202673

Conc: 10.13 ug/ml

Instrument :

FID_G

ClientSampleId :

10 PPM AROMATIC HC STD4