

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AR\
 Data File : FG015079.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 16:23
 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: Jan 14 18:04:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 18:03:53 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

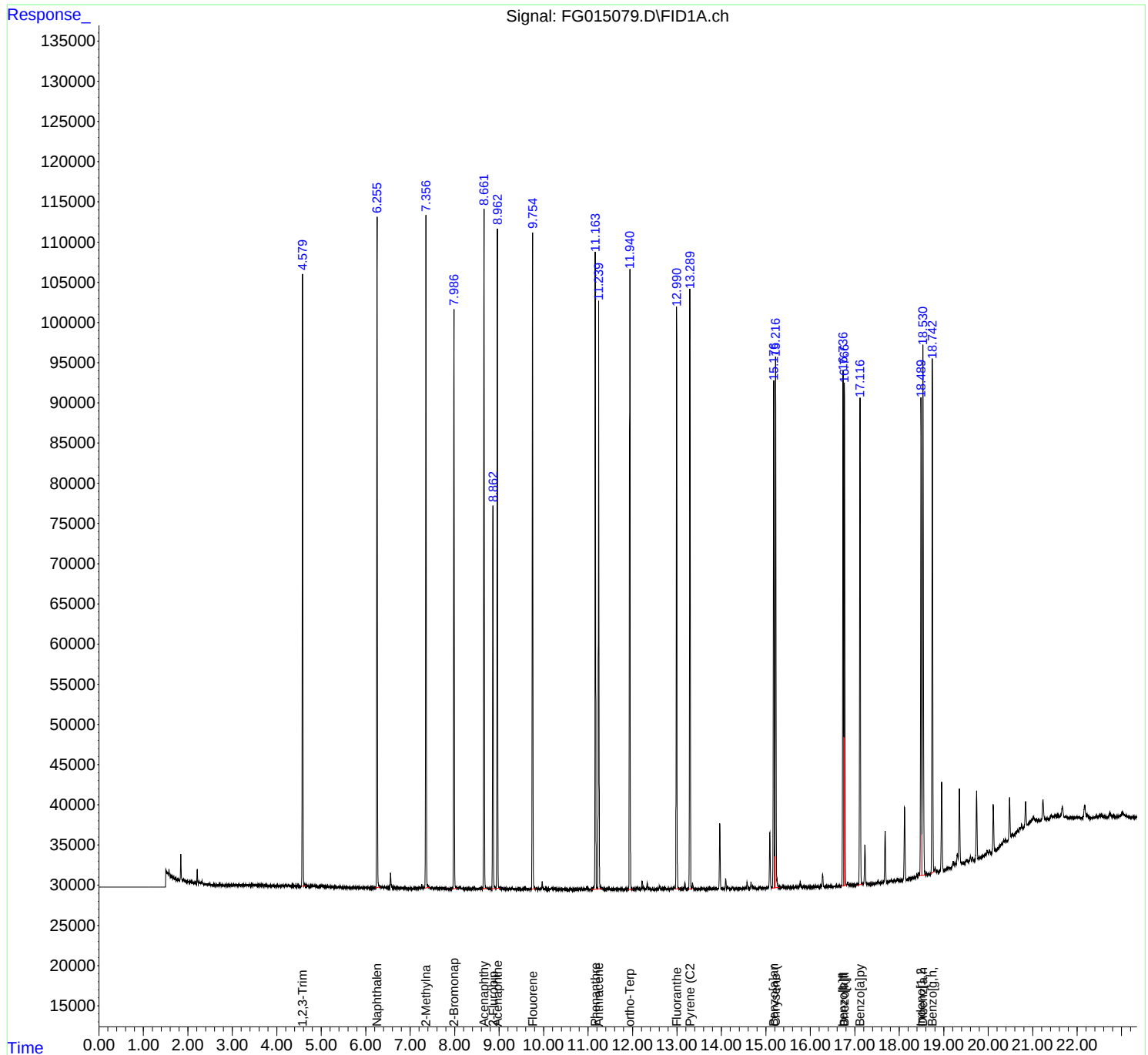
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.986	702476	5.055 ug/ml
Spiked Amount 50.000		Recovery =	10.11%
6) S 2-Fluorobiphenyl (SURR)	8.862	480990	5.021 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.04%
11) S ortho-Terphenyl (SURR)	11.940	834588	5.077 ug/ml
Spiked Amount 50.000		Recovery =	10.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.580	755389	5.085 ug/ml
2) T Naphthalene (C11.7)	6.256	803774	5.052 ug/ml
3) T 2-Methylnaphthalene (...)	7.356	819390	5.038 ug/ml
5) T Acenaphthylene (C15.06)	8.662	818265	5.062 ug/ml
7) T Acenaphthene (C15.5)	8.962	819918	5.060 ug/ml
8) T Fluorene (C16.55)	9.754	816331	5.059 ug/ml
9) T Phenanthrene (C19.36)	11.164	820762	5.068 ug/ml
10) T Anthracene (C19.43)	11.240	768604	5.132 ug/ml
12) T Fluoranthene (C21.85)	12.991	807588	5.030 ug/ml
13) T Pyrene (C20.8)	13.290	799229	5.030 ug/ml
14) T Benzo[a]anthracene (C...	15.175	767609	5.049 ug/ml
15) T Chrysene (C27.41)	15.217	795092	5.138 ug/ml
16) T benzo[b]fluoranthene ...	16.735	766447	5.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.766	749704	5.208 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.116	750956	5.085 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	713384	5.027 ug/ml
20) T Dibenz[a,h]anthracene...	18.531	902612	5.659 ug/ml
21) T Benzo[g,h,i]perylene ...	18.743	766792	5.148 ug/ml

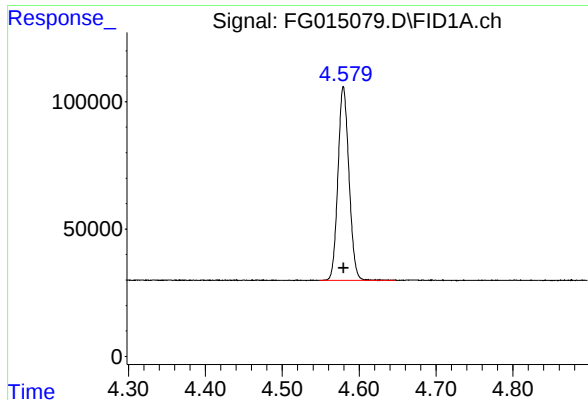
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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5 PPM AROMATIC HC STD5

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

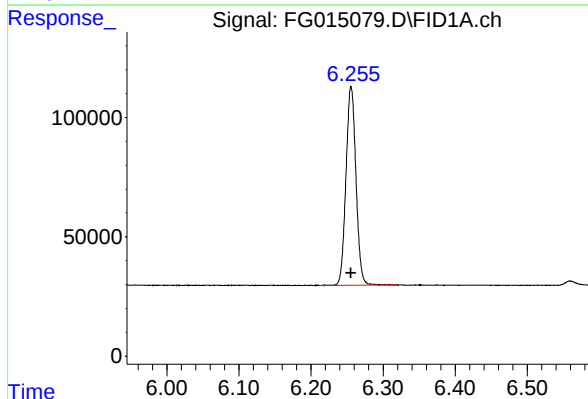




#1 1,2,3-Trimethylbenzene (C10.1)

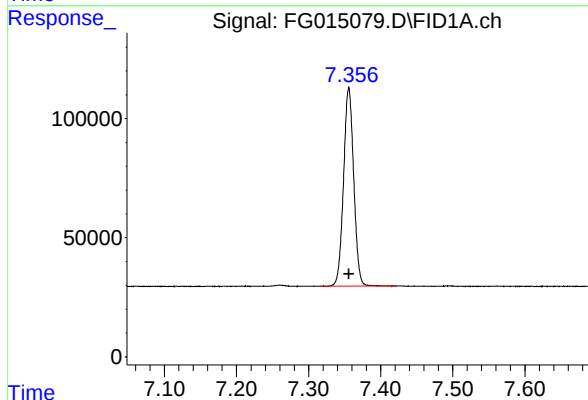
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 755389
Conc: 5.08 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



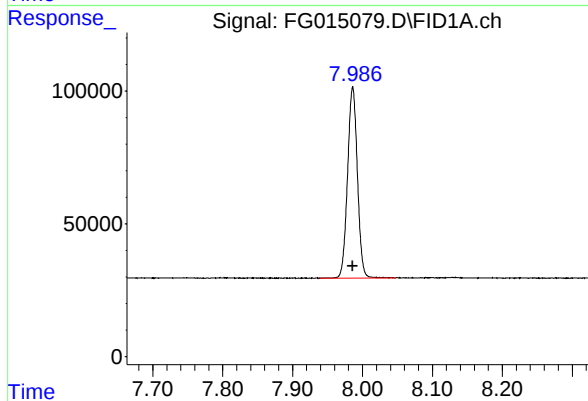
#2 Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 803774
Conc: 5.05 ug/ml



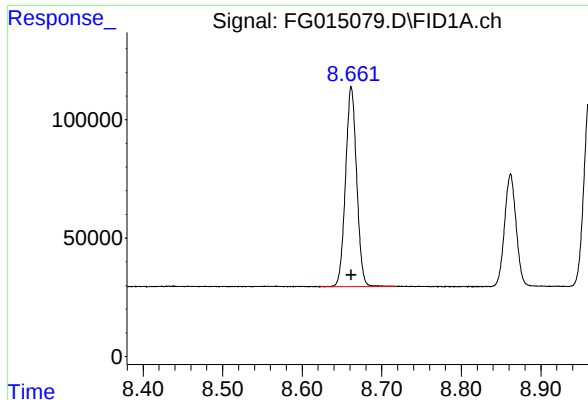
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 819390
Conc: 5.04 ug/ml



#4 2-Bromonaphthalene (SURR)

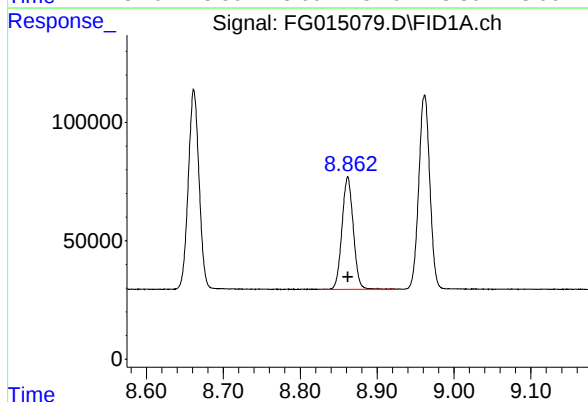
R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 702476
Conc: 5.05 ug/ml



#5 Acenaphthylene (C15.06)

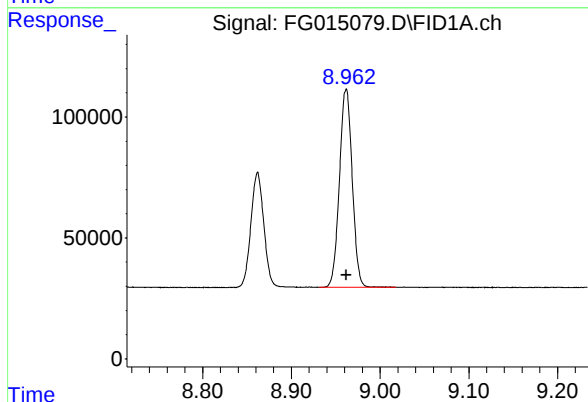
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 818265
Conc: 5.06 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



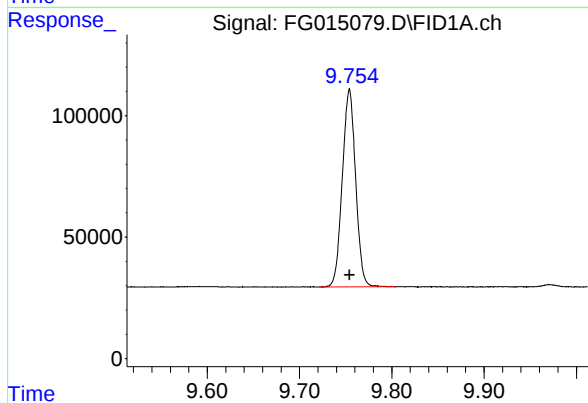
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 480990
Conc: 5.02 ug/ml



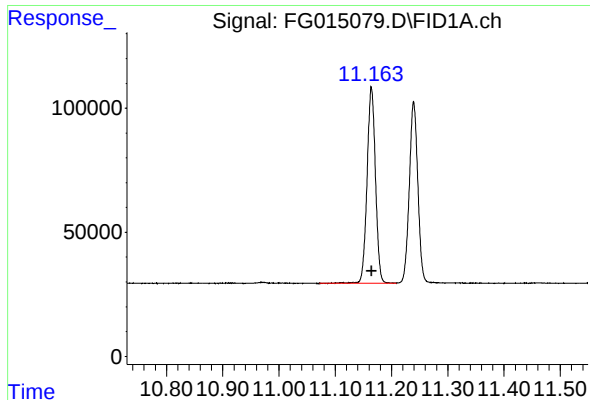
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 819918
Conc: 5.06 ug/ml



#8 Flouorene (C16.55)

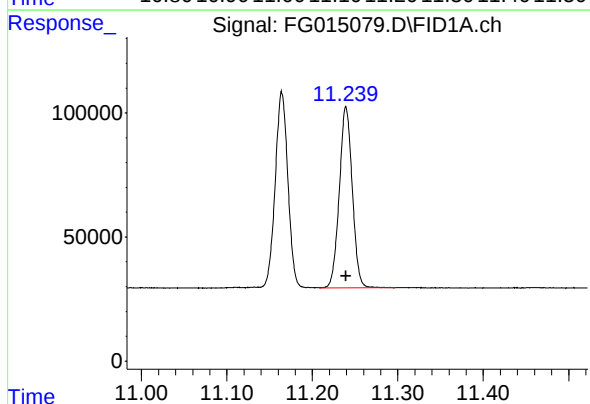
R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 816331
Conc: 5.06 ug/ml



#9 Phenanthrene (C19.36)

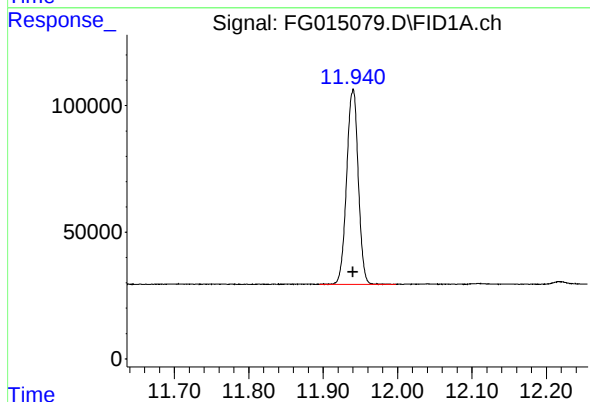
R.T.: 11.164 min
Delta R.T.: 0.000 min
Response: 820762
Conc: 5.07 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



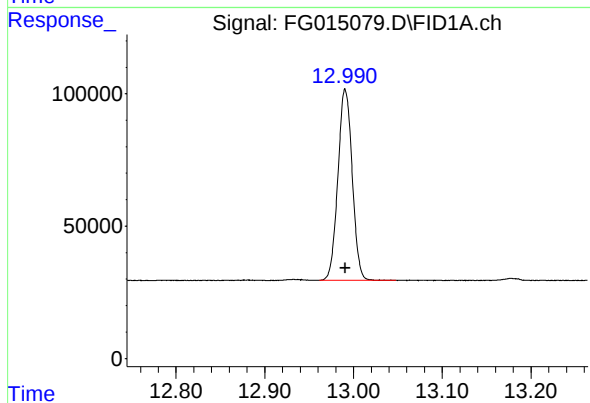
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 768604
Conc: 5.13 ug/ml



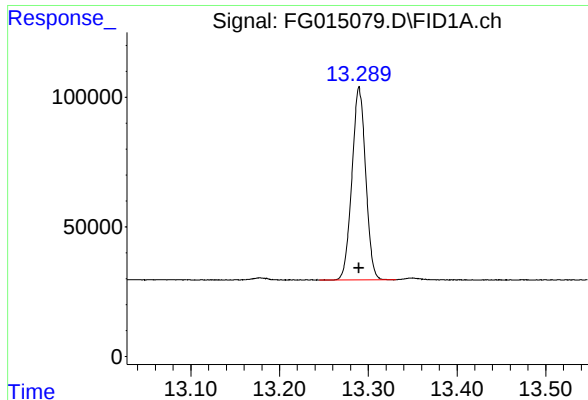
#11 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 834588
Conc: 5.08 ug/ml



#12 Fluoranthene (C21.85)

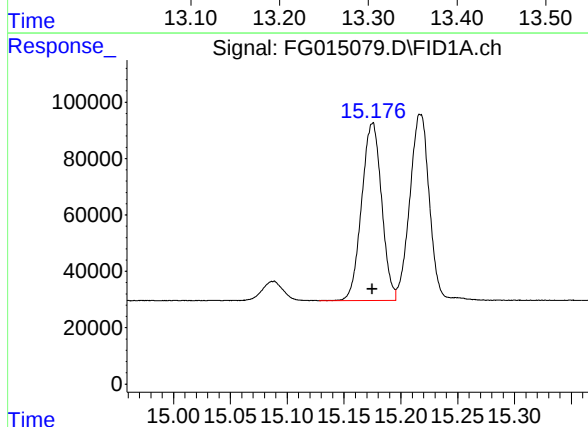
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 807588
Conc: 5.03 ug/ml



#13 Pyrene (C20.8)

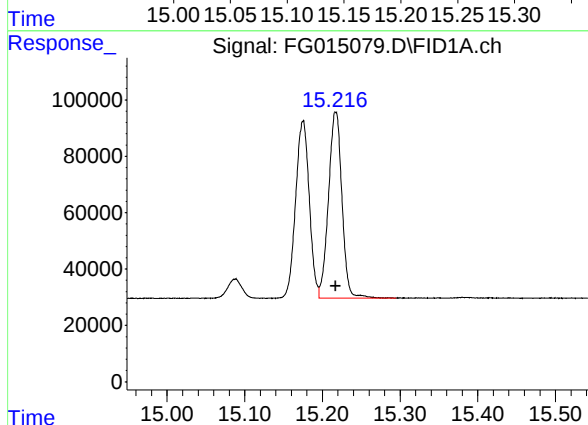
R.T.: 13.290 min
Delta R.T.: 0.000 min
Response: 799229
Conc: 5.03 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



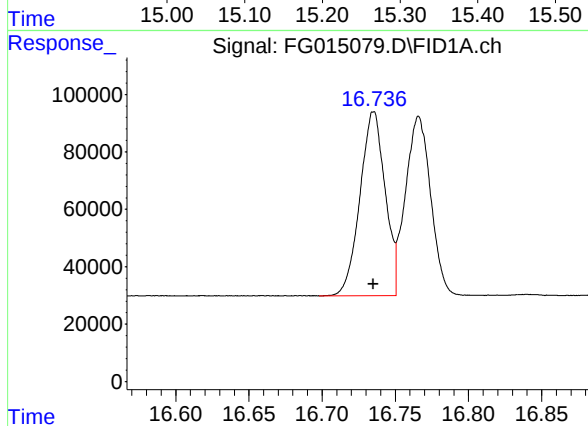
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.175 min
Delta R.T.: 0.000 min
Response: 767609
Conc: 5.05 ug/ml



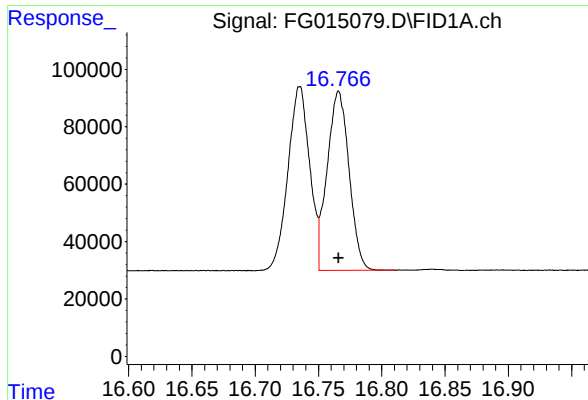
#15 Chrysene (C27.41)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 795092
Conc: 5.14 ug/ml



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

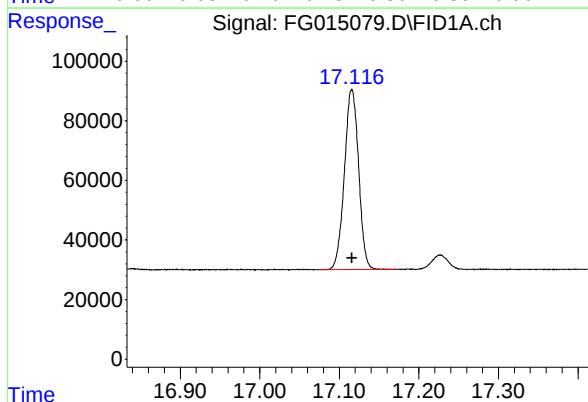
R.T.: 16.735 min
Delta R.T.: 0.000 min
Response: 766447
Conc: 5.03 ug/ml



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

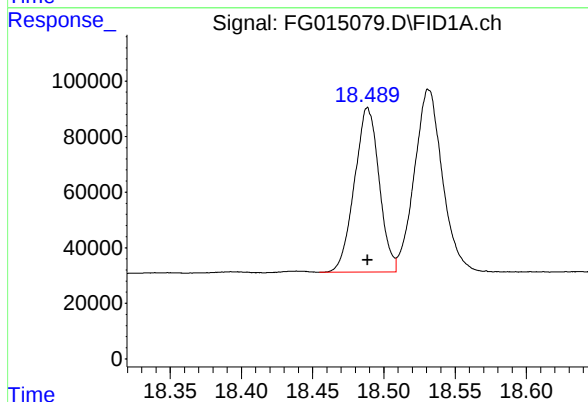
R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 749704
Conc: 5.21 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



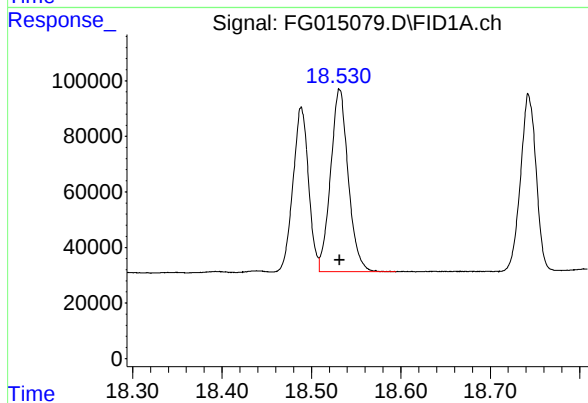
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 750956
Conc: 5.08 ug/ml



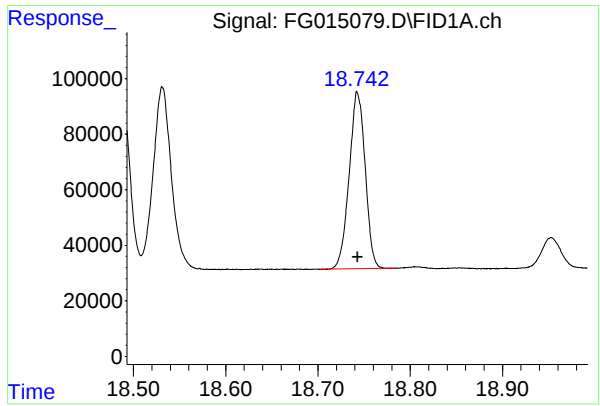
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.489 min
Delta R.T.: 0.000 min
Response: 713384
Conc: 5.03 ug/ml



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

R.T.: 18.531 min
Delta R.T.: 0.000 min
Response: 902612
Conc: 5.66 ug/ml



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

R.T.: 18.743 min
Delta R.T.: 0.000 min
Response: 766792
Conc: 5.15 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5