

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016086.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 21:55
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 16 05:22:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:20:17 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	633896	5.746 ug/ml
Spiked Amount 50.000		Recovery =	11.49%
6) S 2-Fluorobiphenyl (SURR)	9.009	438923	5.755 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.51%
11) S ortho-Terphenyl (SURR)	12.092	750567	5.750 ug/ml
Spiked Amount 50.000		Recovery =	11.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	687109	5.738 ug/ml
2) T Naphthalene (C11.7)	6.397	726573	5.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.499	740791	5.736 ug/ml
5) T Acenaphthylene (C15.06)	8.809	737389	5.766 ug/ml
7) T Acenaphthene (C15.5)	9.109	732311	5.743 ug/ml
8) T Flouorene (C16.55)	9.902	735104	5.755 ug/ml
9) T Phenanthrene (C19.36)	11.317	734648	5.741 ug/ml
10) T Anthracene (C19.43)	11.392	737362	5.753 ug/ml
12) T Fluoranthene (C21.85)	13.148	738711	5.733 ug/ml
13) T Pyrene (C20.8)	13.449	730656	5.724 ug/ml
14) T Benzo[a]anthracene (C...	15.339	720406	5.719 ug/ml
15) T Chrysene (C27.41)	15.381	727363	5.726 ug/ml
16) T benzo[b]fluoranthene ...	16.902	719861	5.725 ug/ml
17) T Bnezo[k]fluoranthene ...	16.934	678840	5.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.285	699625	5.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.660	639416	5.706 ug/ml
20) T Dibenz[a,h]anthracene...	18.701	705135	5.946 ug/ml
21) T Benzo[g,h,i]perylene ...	18.917	671327	5.710 ug/ml

(f)=RT Delta > 1/2 Window

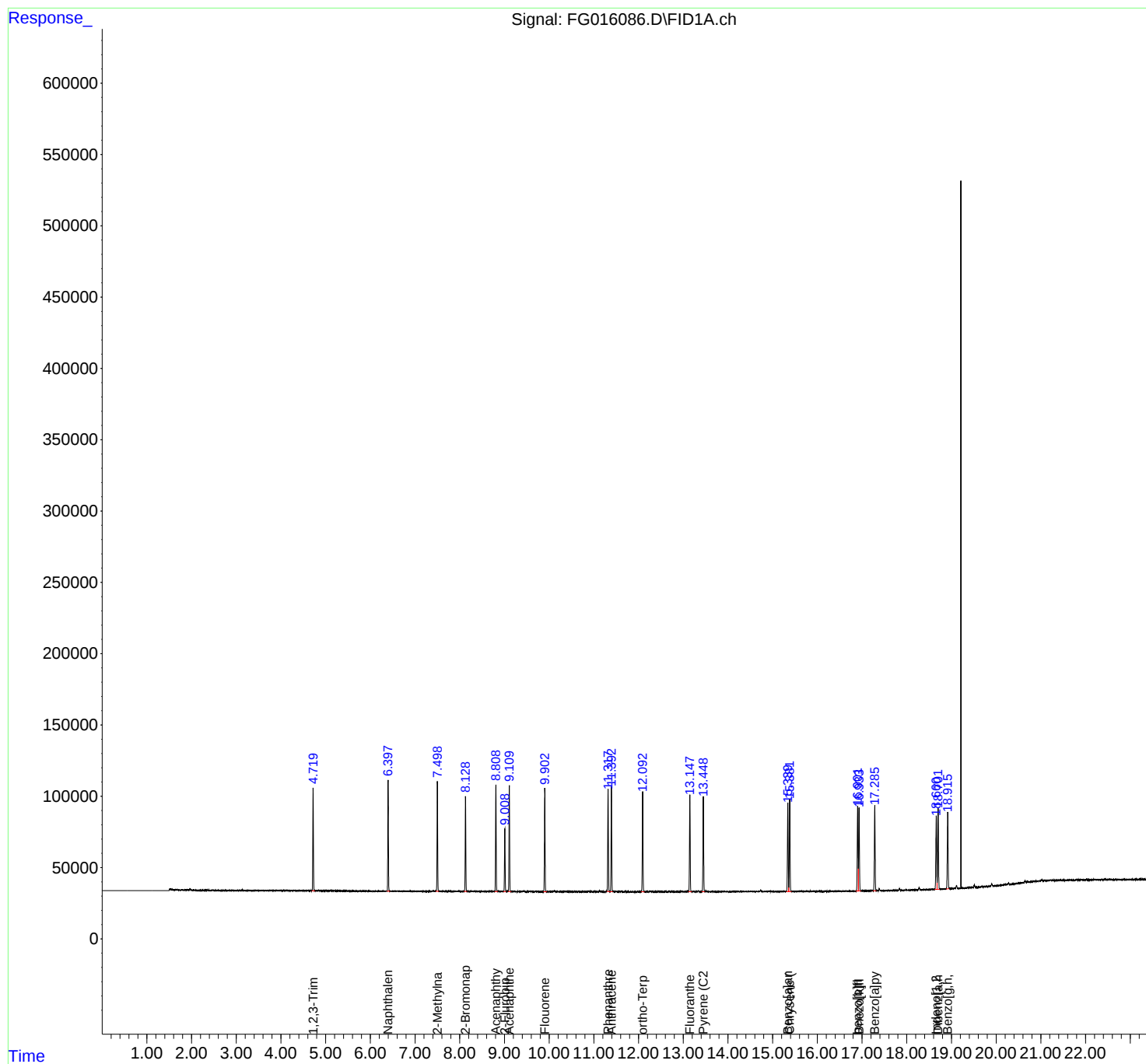
(m)=manual int.

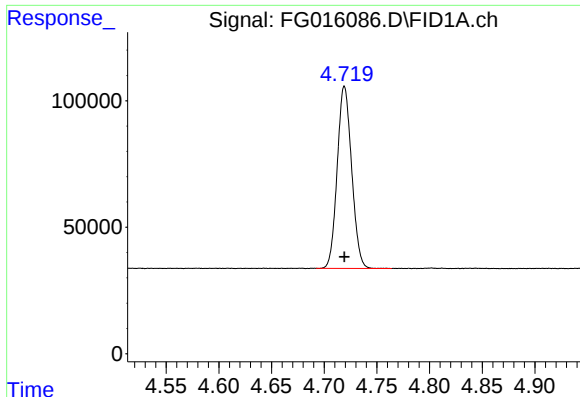
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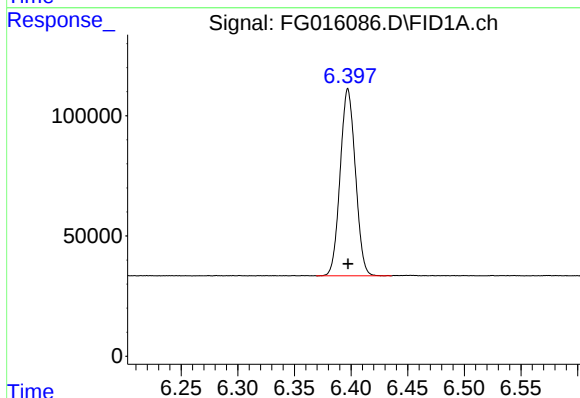




#1 1,2,3-Trimethylbenzene (C10.1)

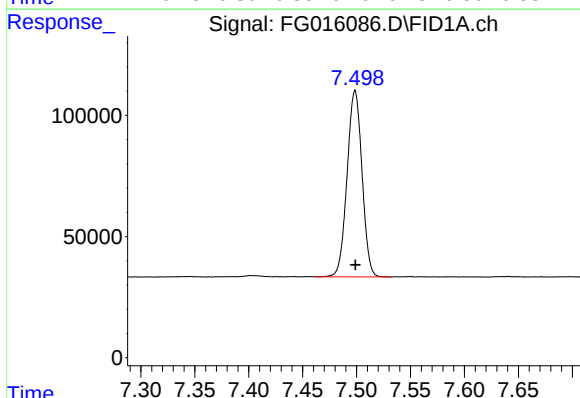
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 687109
Conc: 5.74 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



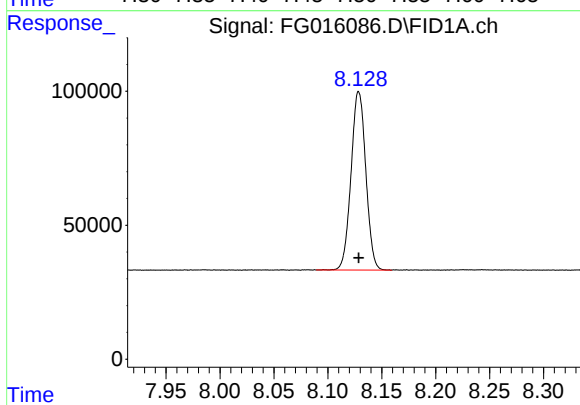
#2 Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 726573
Conc: 5.73 ug/ml



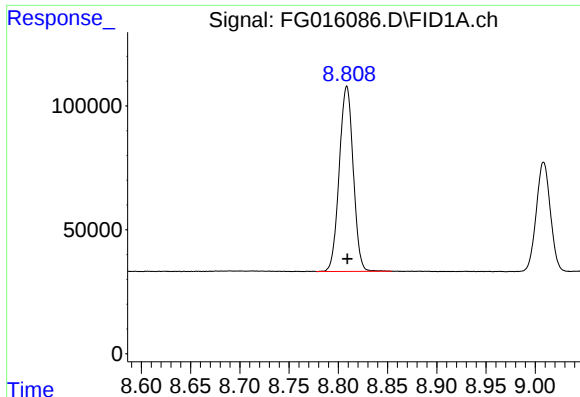
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 740791
Conc: 5.74 ug/ml



#4 2-Bromonaphthalene (SURR)

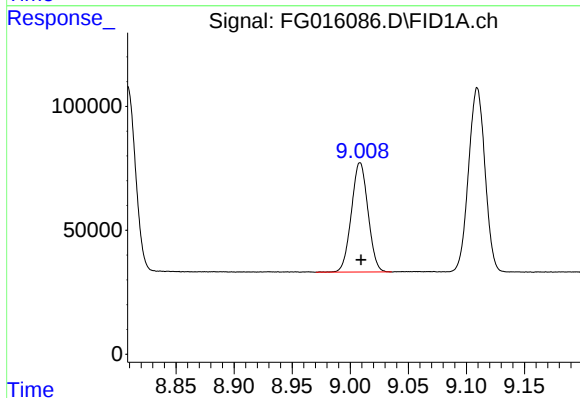
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 633896
Conc: 5.75 ug/ml



#5 Acenaphthylene (C15.06)

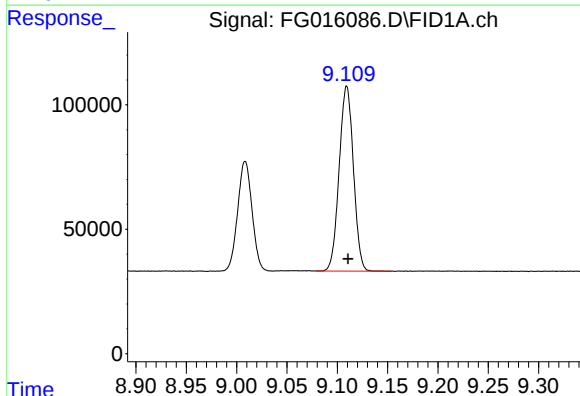
R.T.: 8.809 min
Delta R.T.: 0.000 min
Response: 737389
Conc: 5.77 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



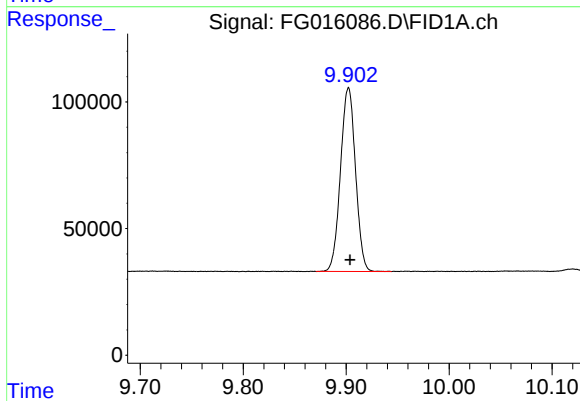
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 438923
Conc: 5.75 ug/ml



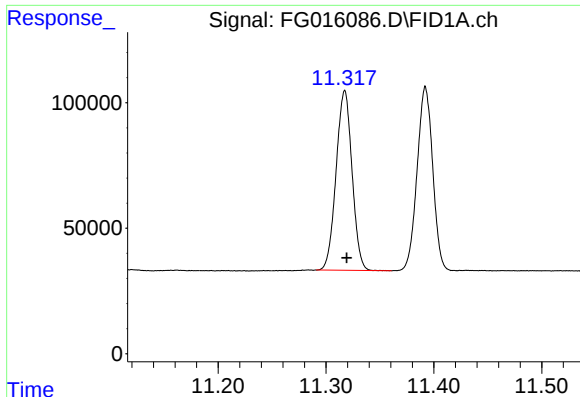
#7 Acenaphthene (C15.5)

R.T.: 9.109 min
Delta R.T.: -0.001 min
Response: 732311
Conc: 5.74 ug/ml



#8 Flouorene (C16.55)

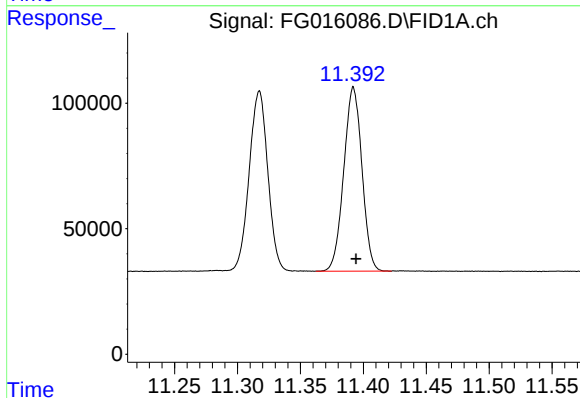
R.T.: 9.902 min
Delta R.T.: -0.002 min
Response: 735104
Conc: 5.76 ug/ml



#9 Phenanthrene (C19.36)

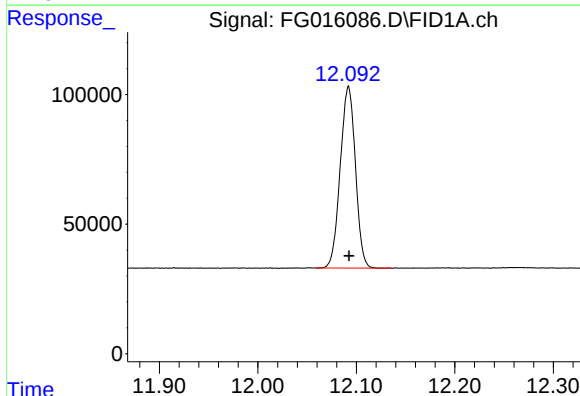
R.T.: 11.317 min
Delta R.T.: -0.002 min
Response: 734648
Conc: 5.74 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



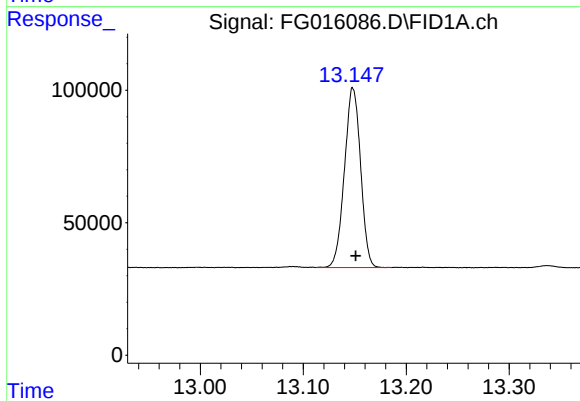
#10 Anthracene (C19.43)

R.T.: 11.392 min
Delta R.T.: -0.002 min
Response: 737362
Conc: 5.75 ug/ml



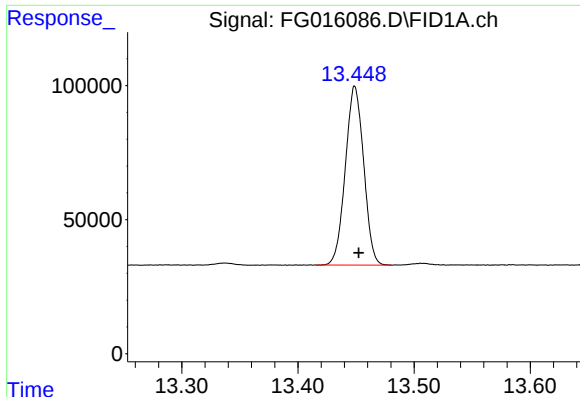
#11 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 750567
Conc: 5.75 ug/ml



#12 Fluoranthene (C21.85)

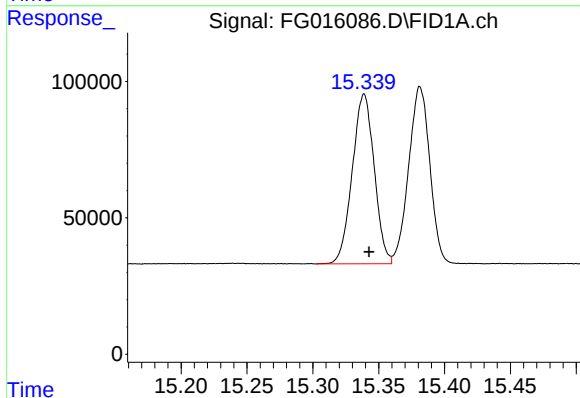
R.T.: 13.148 min
Delta R.T.: -0.003 min
Response: 738711
Conc: 5.73 ug/ml



#13 Pyrene (C20.8)

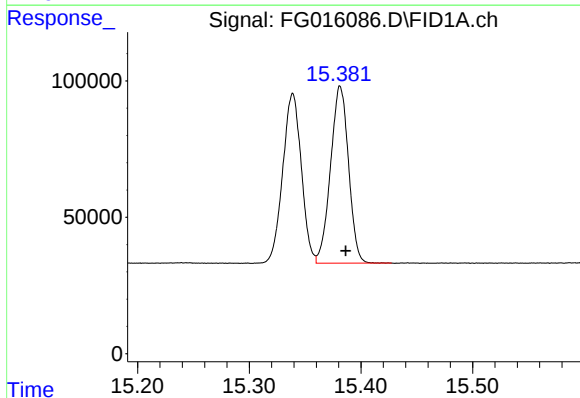
R.T.: 13.449 min
Delta R.T.: -0.003 min
Response: 730656
Conc: 5.72 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



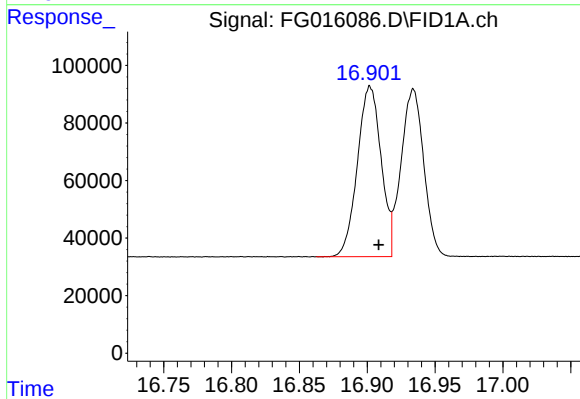
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.339 min
Delta R.T.: -0.004 min
Response: 720406
Conc: 5.72 ug/ml



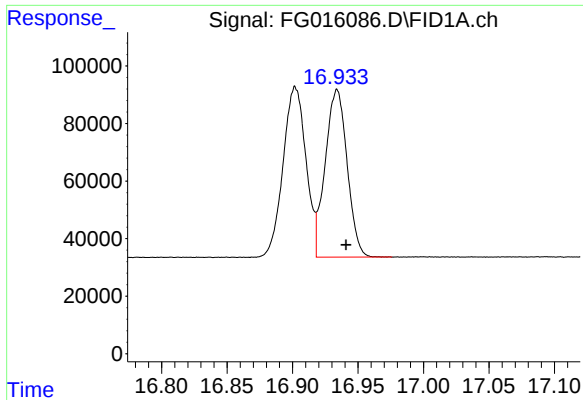
#15 Chrysene (C27.41)

R.T.: 15.381 min
Delta R.T.: -0.005 min
Response: 727363
Conc: 5.73 ug/ml



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

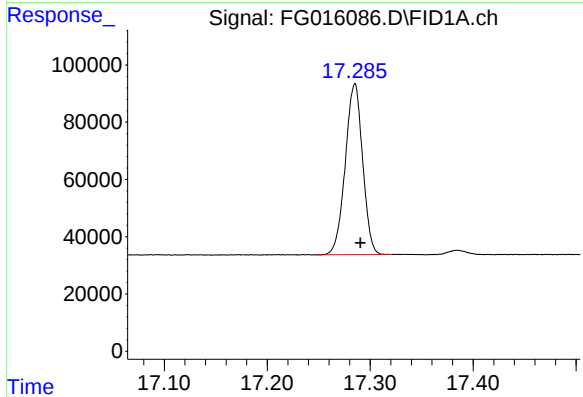
R.T.: 16.902 min
Delta R.T.: -0.006 min
Response: 719861
Conc: 5.72 ug/ml



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

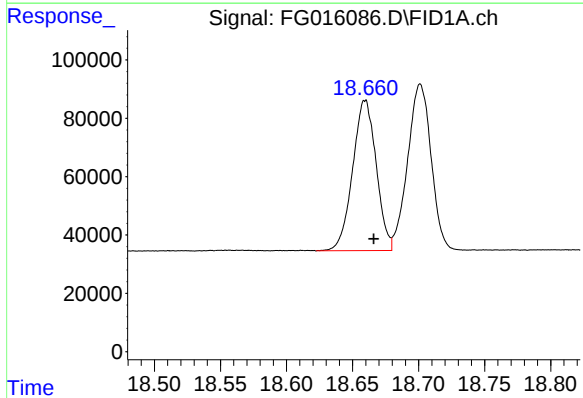
R.T.: 16.934 min
Delta R.T.: -0.007 min
Response: 678840
Conc: 5.73 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5



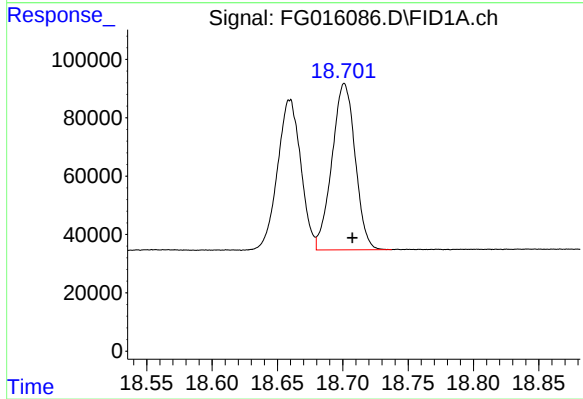
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.285 min
Delta R.T.: -0.006 min
Response: 699625
Conc: 5.70 ug/ml



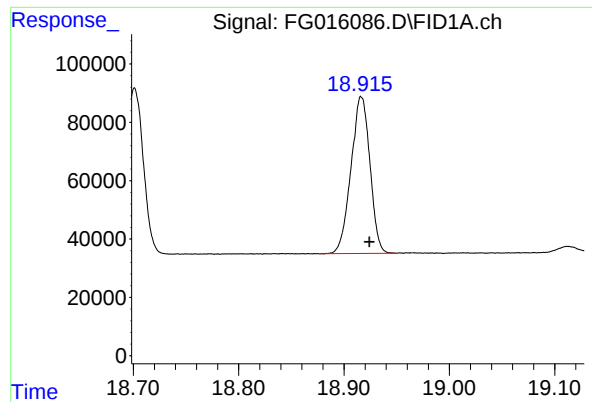
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.660 min
Delta R.T.: -0.007 min
Response: 639416
Conc: 5.71 ug/ml



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

R.T.: 18.701 min
Delta R.T.: -0.006 min
Response: 705135
Conc: 5.95 ug/ml



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

R.T.: 18.917 min
Delta R.T.: -0.007 min
Response: 671327
Conc: 5.71 ug/ml

Instrument :

FID_G

ClientSampleId :

5 PPM AROMATIC HC STD5