

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040125AR\
 Data File : FGCCC01.D
 Signal(s) : FID1A.ch
 Acq On : 01 Apr 2025 23:50
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 02 02:16:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.960	2654566	21.731 ug/ml
Spiked Amount 50.000		Recovery =	43.46%
6) S 2-Fluorobiphenyl (SURR)	8.838	1756828	21.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.51%
11) S ortho-Terphenyl (SURR)	11.910	3164272	21.699 ug/ml
Spiked Amount 50.000		Recovery =	43.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.550	2911761	21.912 ug/ml
2) T Naphthalene (C11.7)	6.229	2911197	21.547 ug/ml
3) T 2-Methylnaphthalene (...)	7.330	2904196	21.772 ug/ml
5) T Acenaphthylene (C15.06)	8.635	3050683	21.540 ug/ml
7) T Acenaphthene (C15.5)	8.935	3023388	22.160 ug/ml
8) T Flouorene (C16.55)	9.728	2922312	20.933 ug/ml
9) T Phenanthrene (C19.36)	11.139	2827650	20.071 ug/ml
10) T Anthracene (C19.43)	11.214	2695276	19.696 ug/ml
12) T Fluoranthene (C21.85)	12.966	2867503	20.108 ug/ml
13) T Pyrene (C20.8)	13.265	2890103	20.597 ug/ml
14) T Benzo[a]anthracene (C...	15.151	2467231	18.191 ug/ml
15) T Chrysene (C27.41)	15.193	2943610	21.027 ug/ml
16) T benzo[b]fluoranthene ...	16.714	2555254	19.337 ug/ml
17) T Bnezo[k]fluoranthene ...	16.746	2978574	21.815 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.098	2585110	20.615 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.475	1793652	16.121 ug/ml
20) T Dibenz[a,h]anthracene...	18.511	2921070	22.700 ug/ml
21) T Benzo[g,h,i]perylene ...	18.728	2389229	19.995 ug/ml

(f)=RT Delta > 1/2 Window

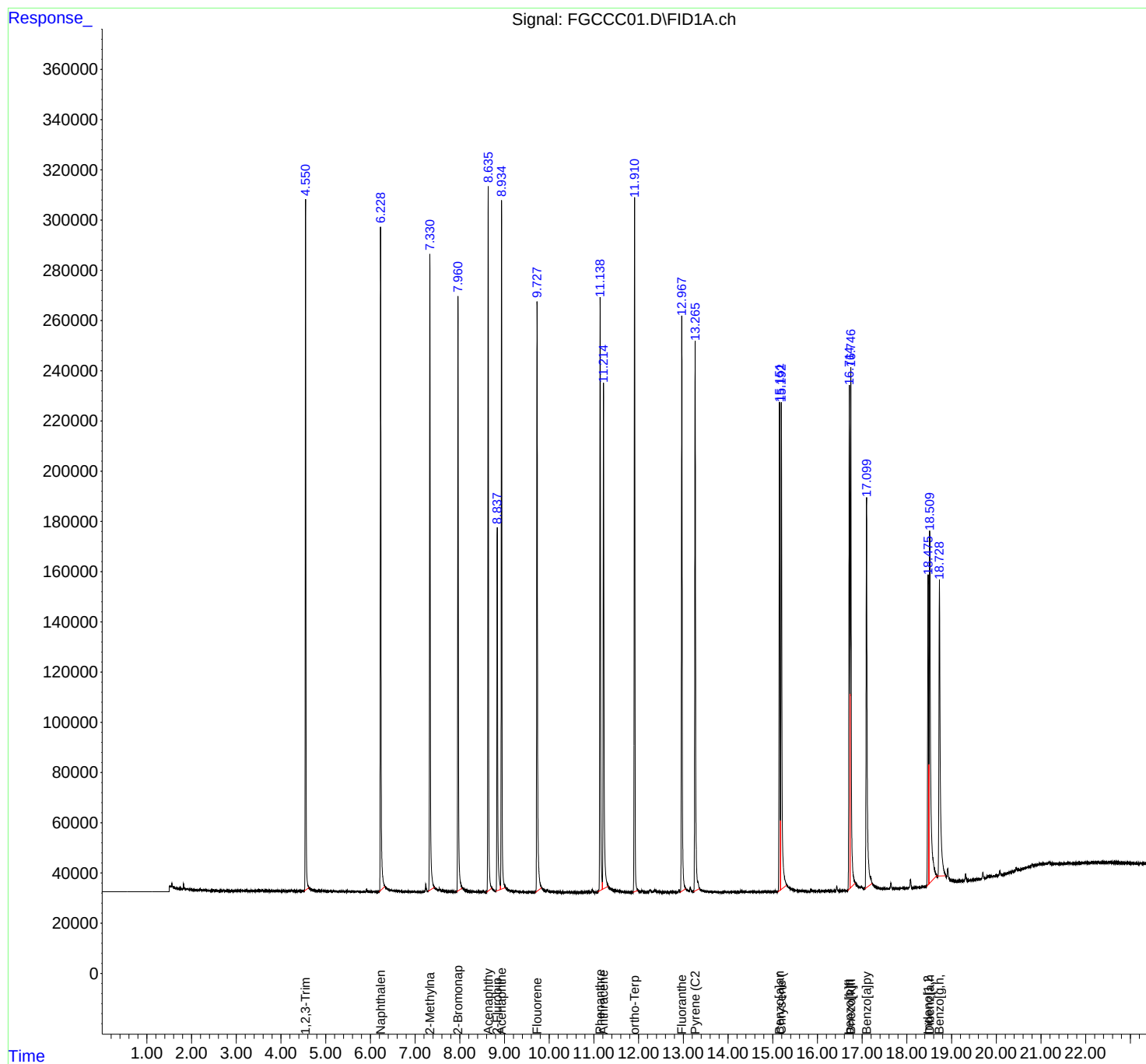
(m)=manual int.

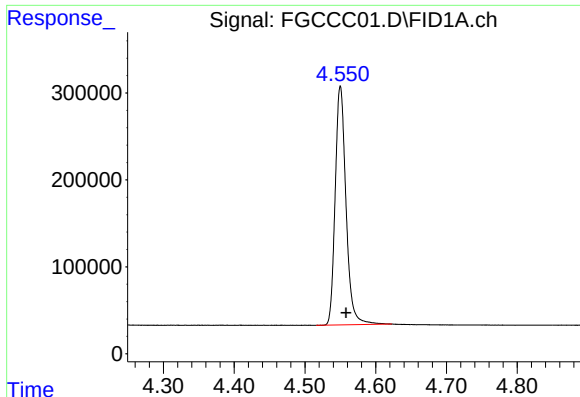
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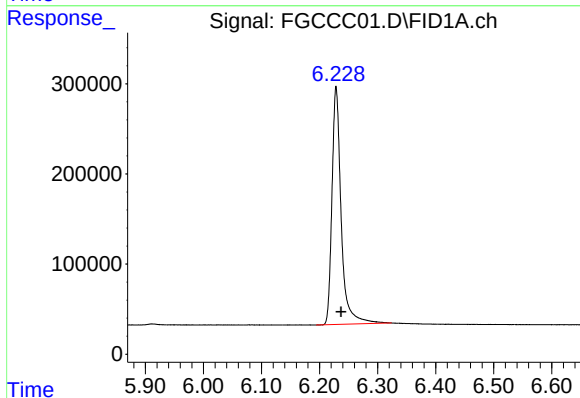




#1 1,2,3-Trimethylbenzene (C10.1)

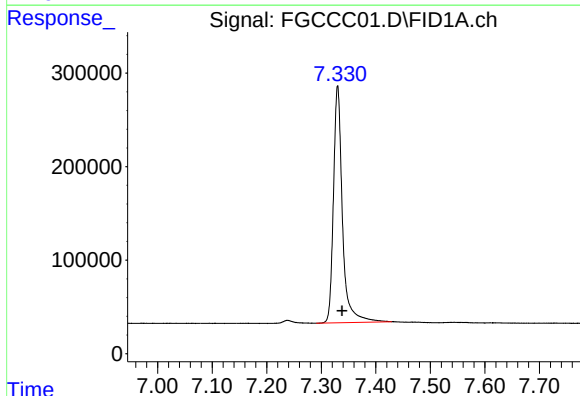
R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 2911761
Conc: 21.91 ug/ml

Instrument :
FID_G
ClientSampleId :



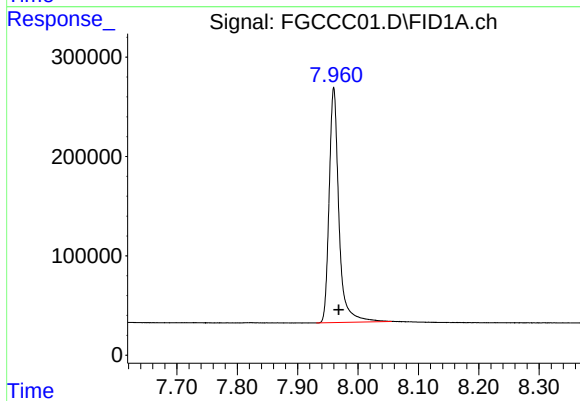
#2 Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.008 min
Response: 2911197
Conc: 21.55 ug/ml



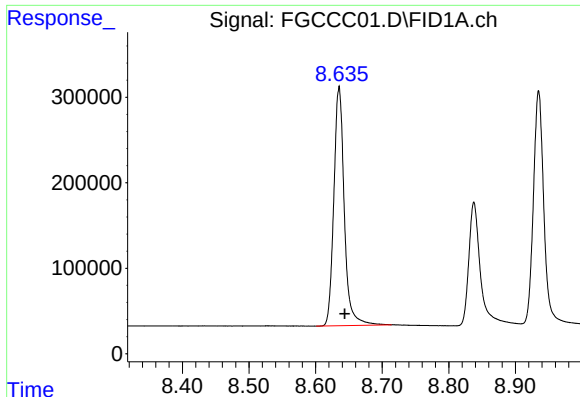
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2904196
Conc: 21.77 ug/ml



#4 2-Bromonaphthalene (SURR)

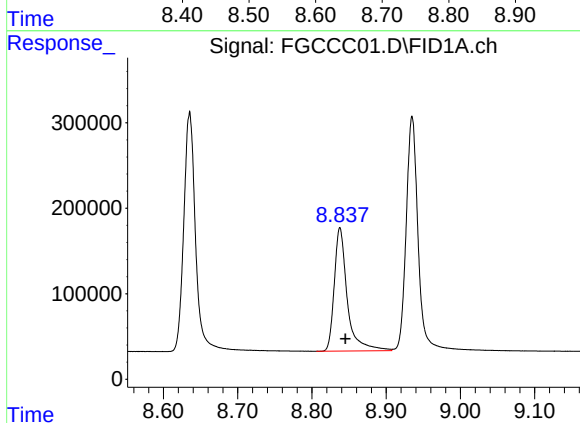
R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 2654566
Conc: 21.73 ug/ml



#5 Acenaphthylene (C15.06)

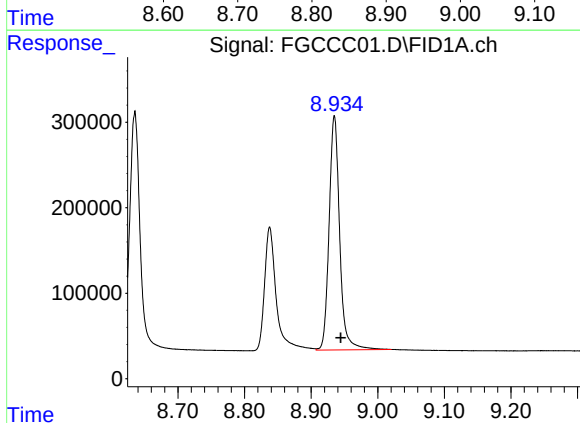
R.T.: 8.635 min
Delta R.T.: -0.008 min
Response: 3050683
Conc: 21.54 ug/ml

Instrument :
FID_G
ClientSampleId :



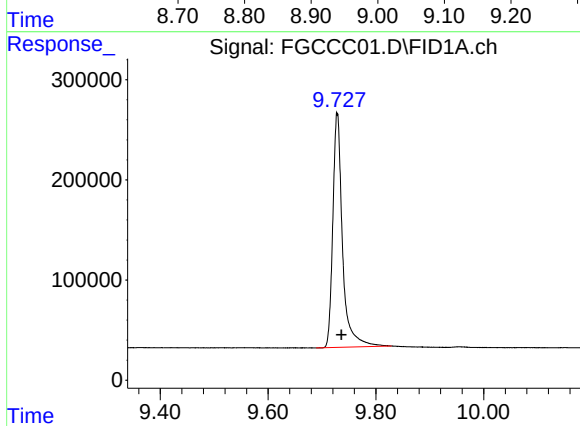
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.838 min
Delta R.T.: -0.007 min
Response: 1756828
Conc: 21.25 ug/ml



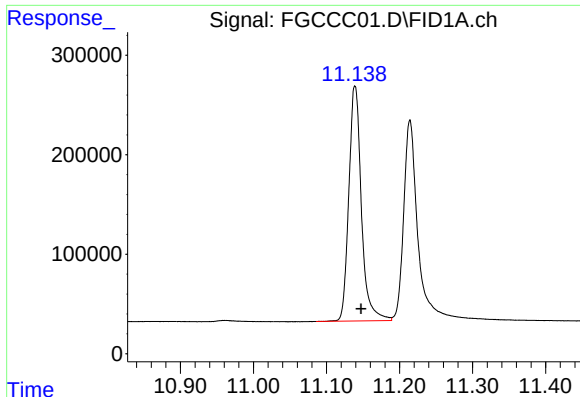
#7 Acenaphthene (C15.5)

R.T.: 8.935 min
Delta R.T.: -0.009 min
Response: 3023388
Conc: 22.16 ug/ml



#8 Fluorene (C16.55)

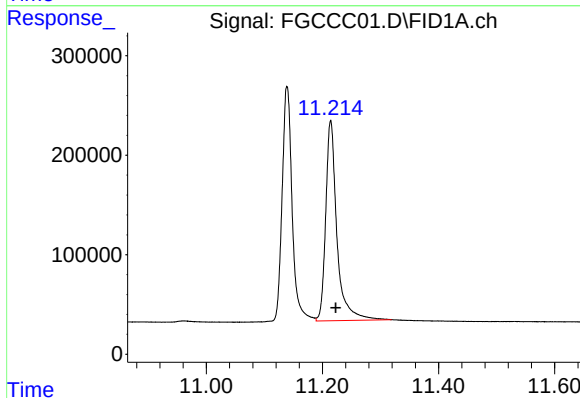
R.T.: 9.728 min
Delta R.T.: -0.008 min
Response: 2922312
Conc: 20.93 ug/ml



#9 Phenanthrene (C19.36)

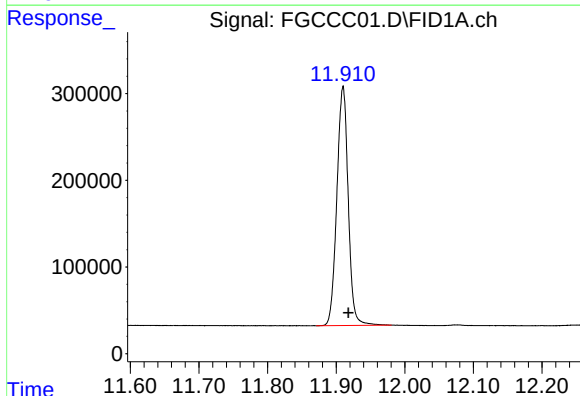
R.T.: 11.139 min
Delta R.T.: -0.008 min
Response: 2827650
Conc: 20.07 ug/ml

Instrument :
FID_G
ClientSampleId :



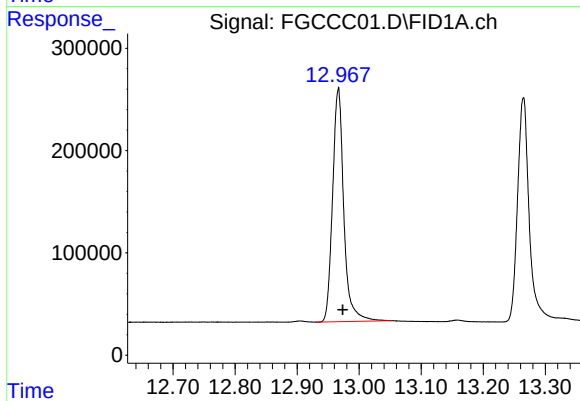
#10 Anthracene (C19.43)

R.T.: 11.214 min
Delta R.T.: -0.008 min
Response: 2695276
Conc: 19.70 ug/ml



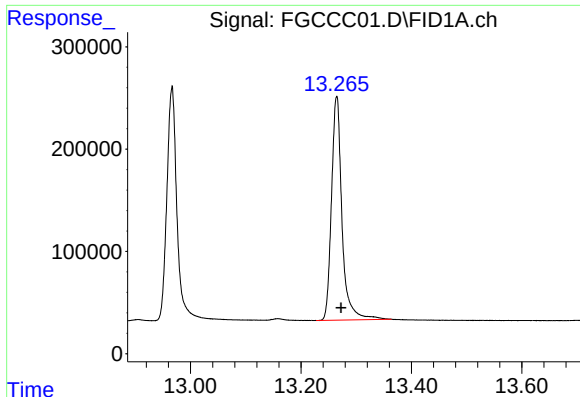
#11 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.008 min
Response: 3164272
Conc: 21.70 ug/ml



#12 Fluoranthene (C21.85)

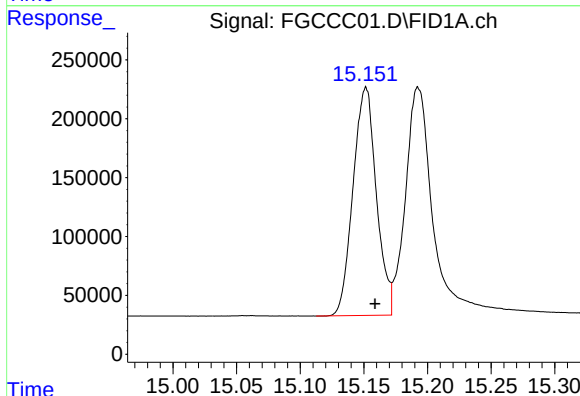
R.T.: 12.966 min
Delta R.T.: -0.007 min
Response: 2867503
Conc: 20.11 ug/ml



#13 Pyrene (C20.8)

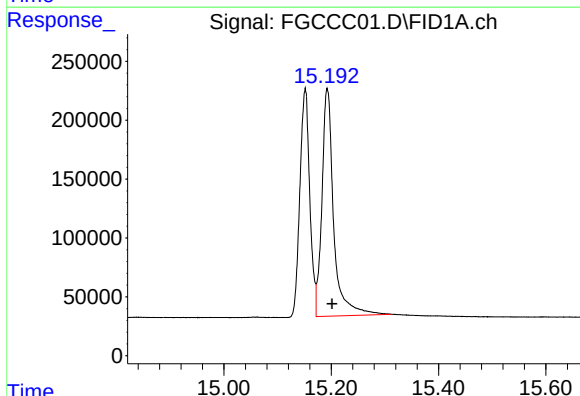
R.T.: 13.265 min
Delta R.T.: -0.008 min
Response: 2890103
Conc: 20.60 ug/ml

Instrument :
FID_G
ClientSampleId :



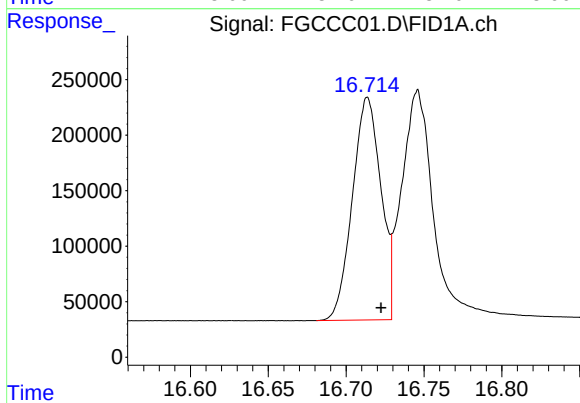
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: -0.008 min
Response: 2467231
Conc: 18.19 ug/ml



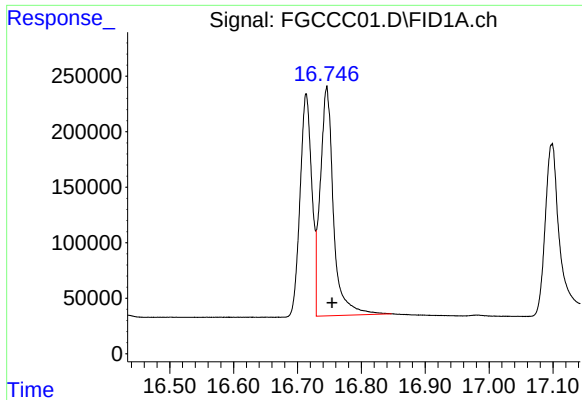
#15 Chrysene (C27.41)

R.T.: 15.193 min
Delta R.T.: -0.008 min
Response: 2943610
Conc: 21.03 ug/ml



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

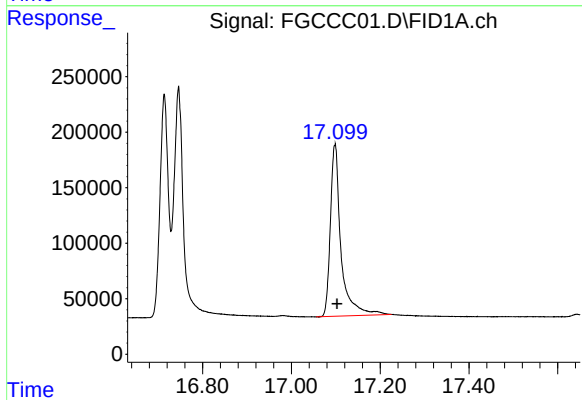
R.T.: 16.714 min
Delta R.T.: -0.009 min
Response: 2555254
Conc: 19.34 ug/ml



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

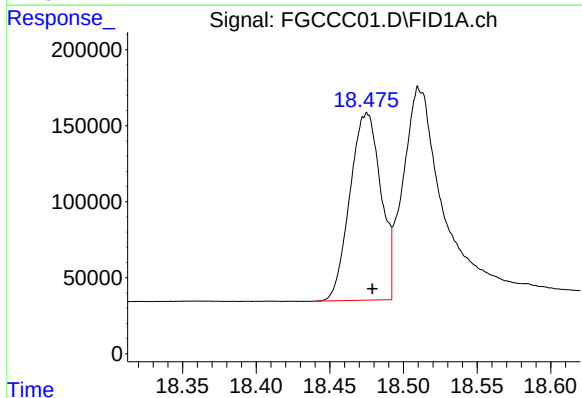
R.T.: 16.746 min
Delta R.T.: -0.008 min
Response: 2978574
Conc: 21.82 ug/ml

Instrument :
FID_G
ClientSampleId :



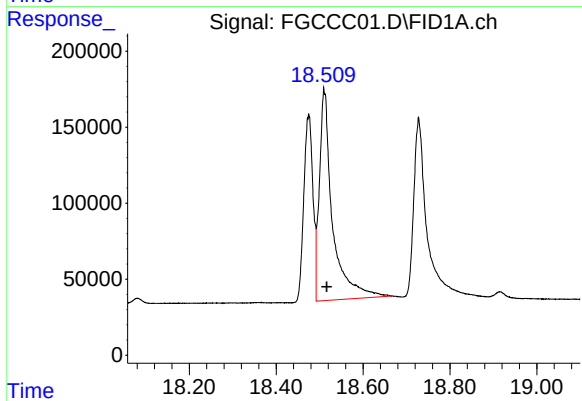
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.098 min
Delta R.T.: -0.005 min
Response: 2585110
Conc: 20.61 ug/ml



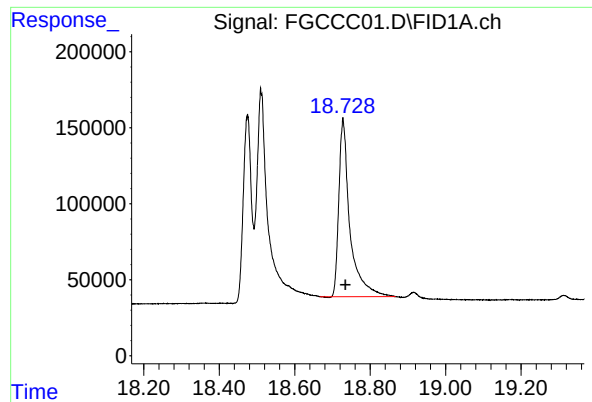
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.475 min
Delta R.T.: -0.004 min
Response: 1793652
Conc: 16.12 ug/ml



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

R.T.: 18.511 min
Delta R.T.: -0.006 min
Response: 2921070
Conc: 22.70 ug/ml



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

R.T.: 18.728 min
Delta R.T.: -0.007 min
Response: 2389229
Conc: 19.99 ug/ml

Instrument :

FID_G

ClientSampleId :