

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525AR\
 Data File : FG017163.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 11:43
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 16 00:47:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 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...	8.064	1987816	21.352 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
6) S 2-Fluorobiphenyl (SURR)	8.949	1213457	21.572 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.14%
11) S ortho-Terphenyl (SURR)	12.023	2762242	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	2680442	20.275 ug/ml
2) T Naphthalene (C11.7)	6.332	2478187	20.260 ug/ml
3) T 2-Methylnaphthalene (...)	7.435	2352050	20.774 ug/ml
5) T Acenaphthylene (C15.06)	8.743	2517143	20.980 ug/ml
7) T Acenaphthene (C15.5)	9.043	2669516	20.025 ug/ml
8) T Flouorene (C16.55)	9.840	2389363	20.323 ug/ml
9) T Phenanthrene (C19.36)	11.255	2315991	20.250 ug/ml
10) T Anthracene (C19.43)	11.332	2334480	19.214 ug/ml
12) T Fluoranthene (C21.85)	13.088	2452477	19.415 ug/ml
13) T Pyrene (C20.8)	13.389	2498967	19.410 ug/ml
14) T Benzo[a]anthracene (C...	15.326	2707676	29.887 ug/ml
15) T Chrysene (C27.41)	15.326	2707676	19.095 ug/ml
16) T benzo[b]fluoranthene ...	16.885	2646711	26.844 ug/ml
17) T Bnezo[k]fluoranthene ...	16.885	2646711	20.193 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.241	2384267	24.013 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.663	2875735	32.490 ug/ml
20) T Dibenz[a,h]anthracene...	18.663	2875735	21.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.879	2424740	21.030 ug/ml

(f)=RT Delta > 1/2 Window

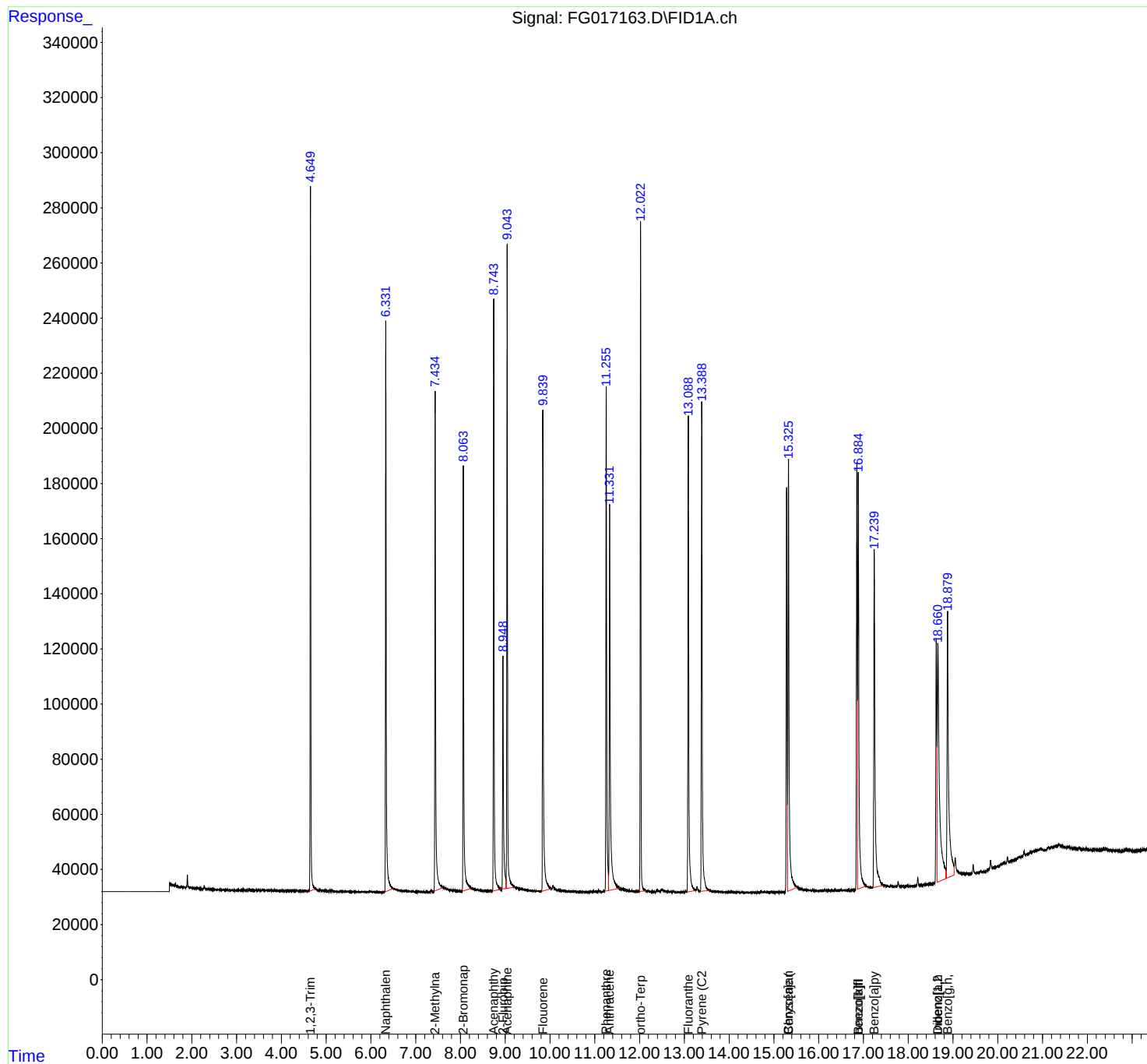
(m)=manual int.

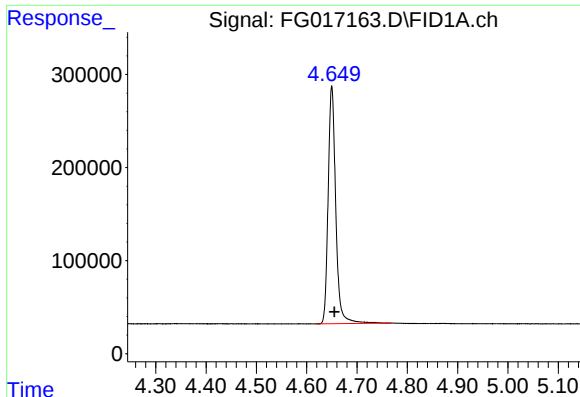
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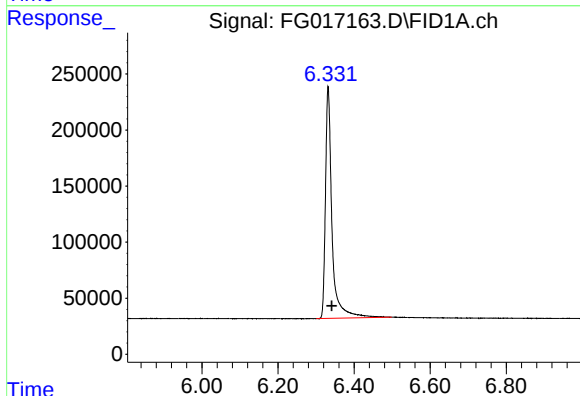




#1 1,2,3-Trimethylbenzene (C10.1)

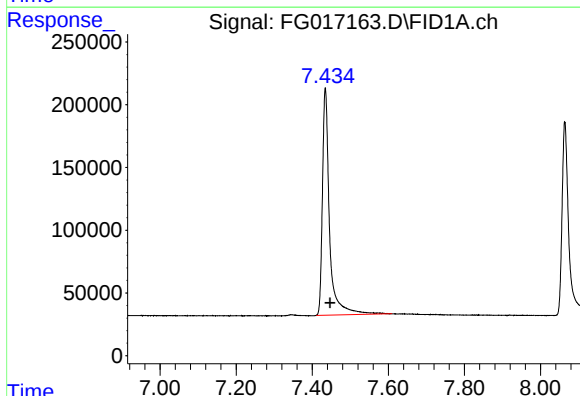
R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 2680442
Conc: 20.27 ug/ml

Instrument :
FID_G
ClientSampleId :



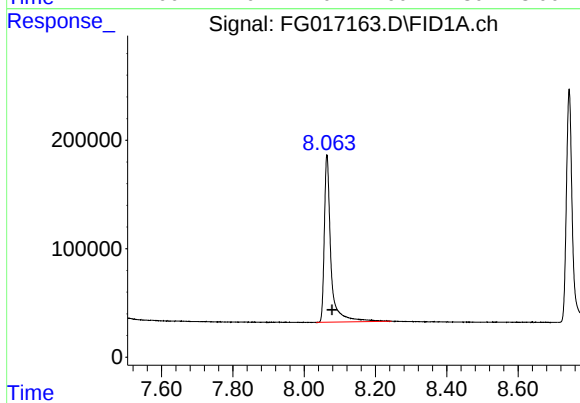
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: -0.010 min
Response: 2478187
Conc: 20.26 ug/ml



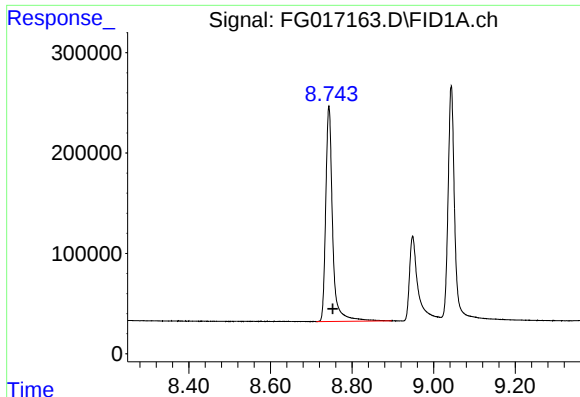
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.435 min
Delta R.T.: -0.013 min
Response: 2352050
Conc: 20.77 ug/ml



#4 2-Bromonaphthalene (SURR)

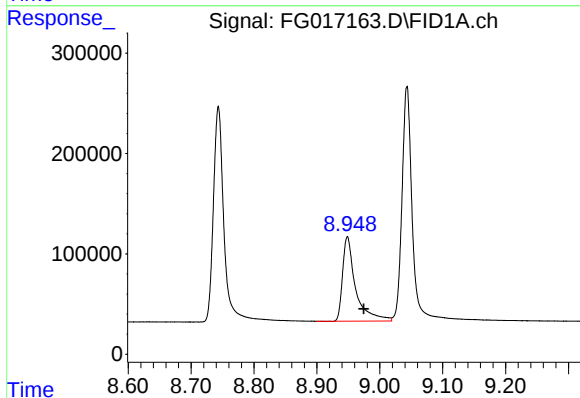
R.T.: 8.064 min
Delta R.T.: -0.014 min
Response: 1987816
Conc: 21.35 ug/ml



#5 Acenaphthylene (C15.06)

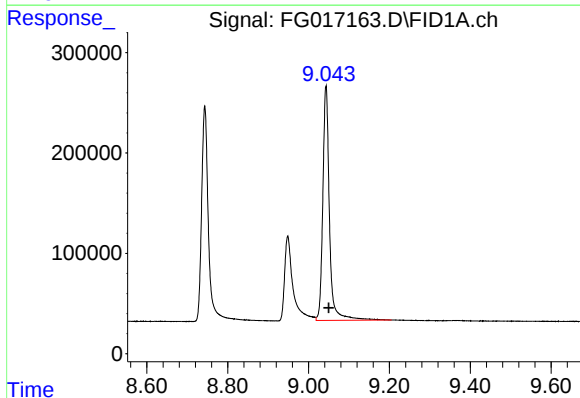
R.T.: 8.743 min
Delta R.T.: -0.009 min
Response: 2517143
Conc: 20.98 ug/ml

Instrument :
FID_G
ClientSampleId :



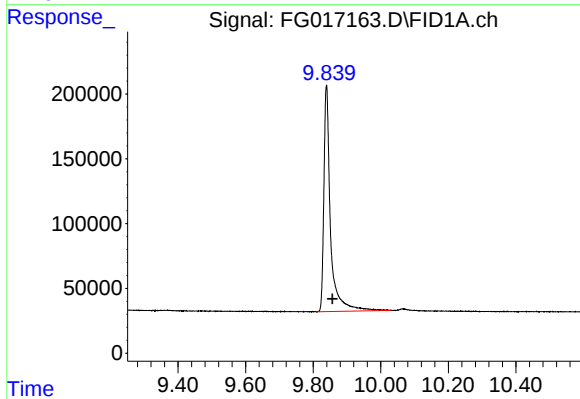
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.949 min
Delta R.T.: -0.026 min
Response: 1213457
Conc: 21.57 ug/ml



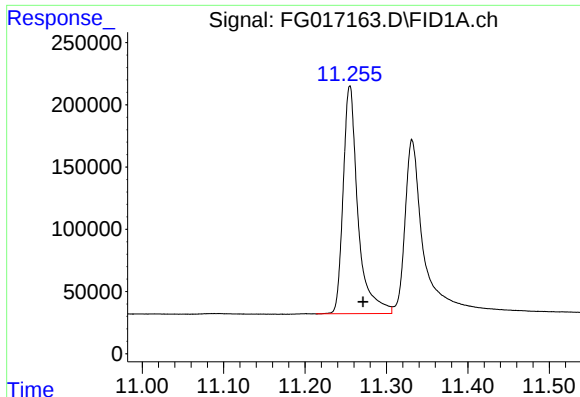
#7 Acenaphthene (C15.5)

R.T.: 9.043 min
Delta R.T.: -0.007 min
Response: 2669516
Conc: 20.03 ug/ml



#8 Fluorene (C16.55)

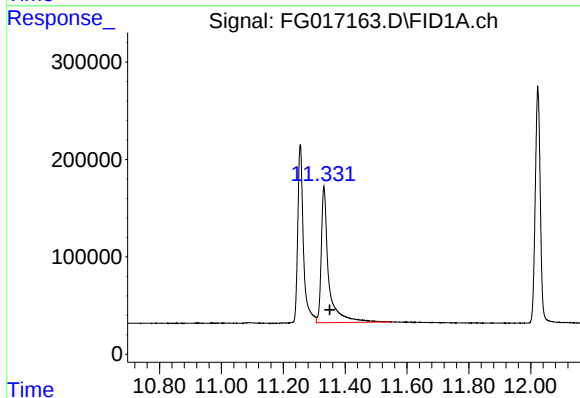
R.T.: 9.840 min
Delta R.T.: -0.017 min
Response: 2389363
Conc: 20.32 ug/ml



#9 Phenanthrene (C19.36)

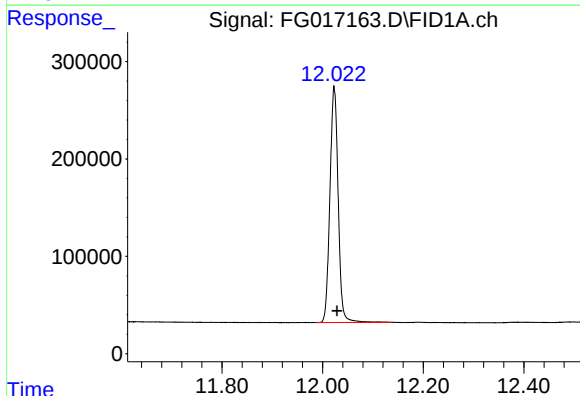
R.T.: 11.255 min
Delta R.T.: -0.016 min
Response: 2315991
Conc: 20.25 ug/ml

Instrument :
FID_G
ClientSampleId :



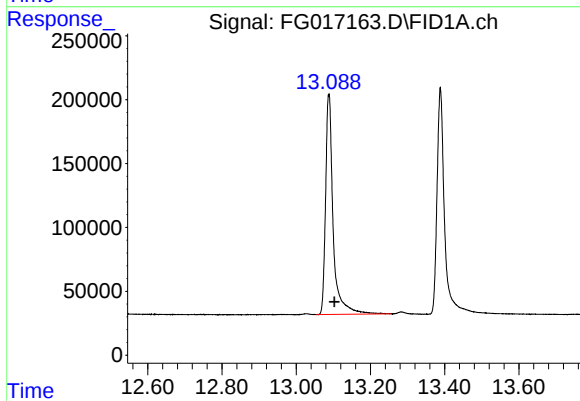
#10 Anthracene (C19.43)

R.T.: 11.332 min
Delta R.T.: -0.019 min
Response: 2334480
Conc: 19.21 ug/ml



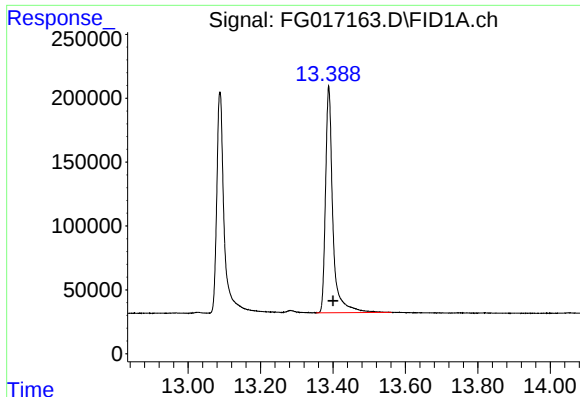
#11 ortho-Terphenyl (SURR)

R.T.: 12.023 min
Delta R.T.: -0.005 min
Response: 2762242
Conc: 19.40 ug/ml



#12 Fluoranthene (C21.85)

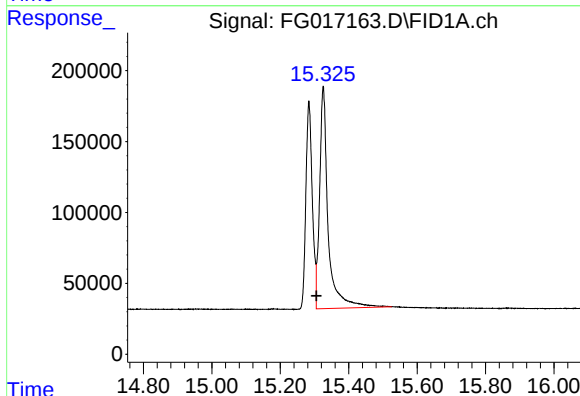
R.T.: 13.088 min
Delta R.T.: -0.015 min
Response: 2452477
Conc: 19.42 ug/ml



#13 Pyrene (C20.8)

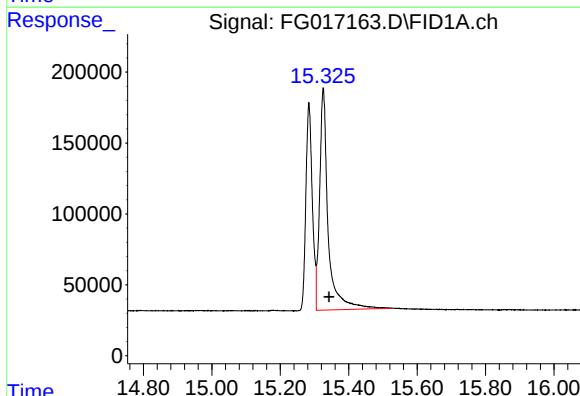
R.T.: 13.389 min
Delta R.T.: -0.012 min
Response: 2498967
Conc: 19.41 ug/ml

Instrument :
FID_G
ClientSampleId :



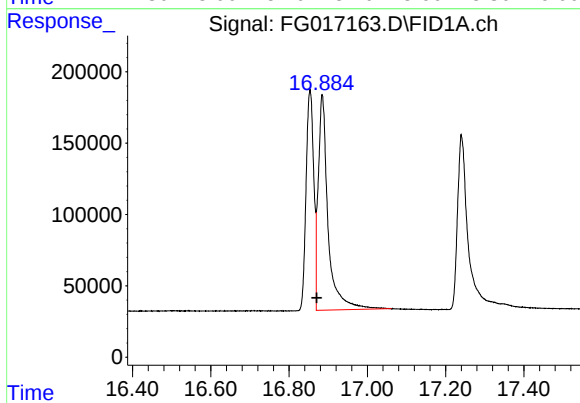
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.326 min
Delta R.T.: 0.021 min
Response: 2707676
Conc: 29.89 ug/ml



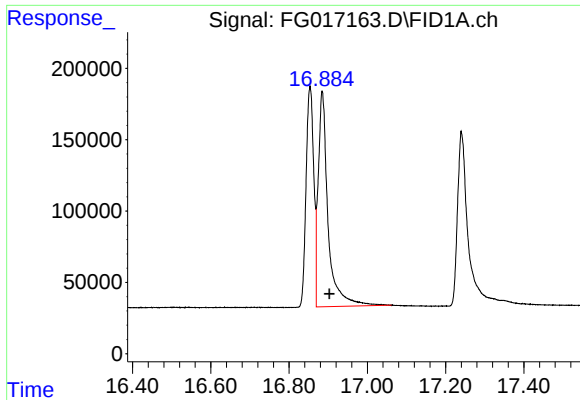
#15 Chrysene (C27.41)

R.T.: 15.326 min
Delta R.T.: -0.017 min
Response: 2707676
Conc: 19.10 ug/ml



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

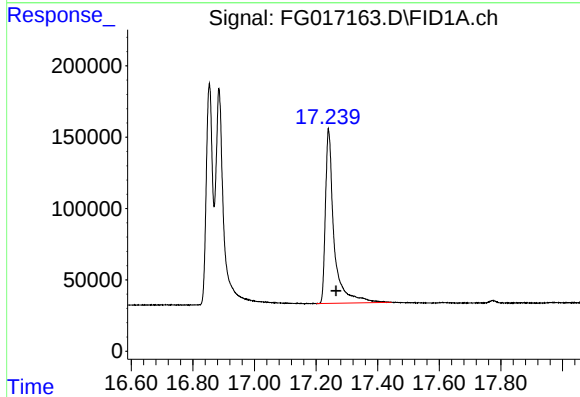
R.T.: 16.885 min
Delta R.T.: 0.014 min
Response: 2646711
Conc: 26.84 ug/ml



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

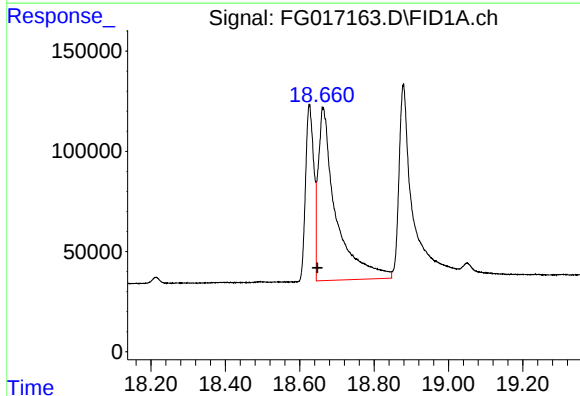
R.T.: 16.885 min
Delta R.T.: -0.018 min
Response: 2646711
Conc: 20.19 ug/ml

Instrument :
FID_G
ClientSampleId :



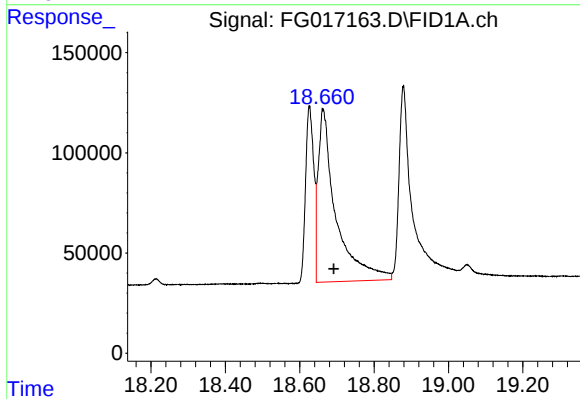
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.241 min
Delta R.T.: -0.024 min
Response: 2384267
Conc: 24.01 ug/ml



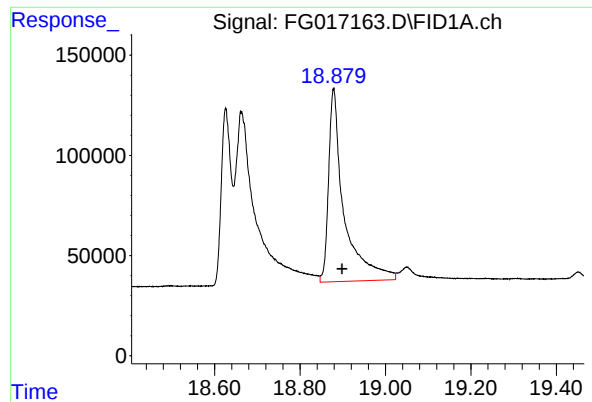
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.663 min
Delta R.T.: 0.015 min
Response: 2875735
Conc: 32.49 ug/ml



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

R.T.: 18.663 min
Delta R.T.: -0.029 min
Response: 2875735
Conc: 21.55 ug/ml



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

R.T.: 18.879 min
Delta R.T.: -0.020 min
Response: 2424740
Conc: 21.03 ug/ml

Instrument :

FID_G

ClientSampleId :