Quantitation Report (QT Reviewed)

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 :
20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/16/2025
Supervised By :Yogesh Patel 12/16/2025

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-Flurobiphenyl (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...	15.284	1919968	21.192 ug/mlm
15) T	Chrysene (C27.41)	15.326	2707676	19.095 ug/ml
16) T	benzo[b]fluoranthene ...	16.853	2122021	21.522 ug/mlm
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...	18.625	1348276	15.233 ug/mlm
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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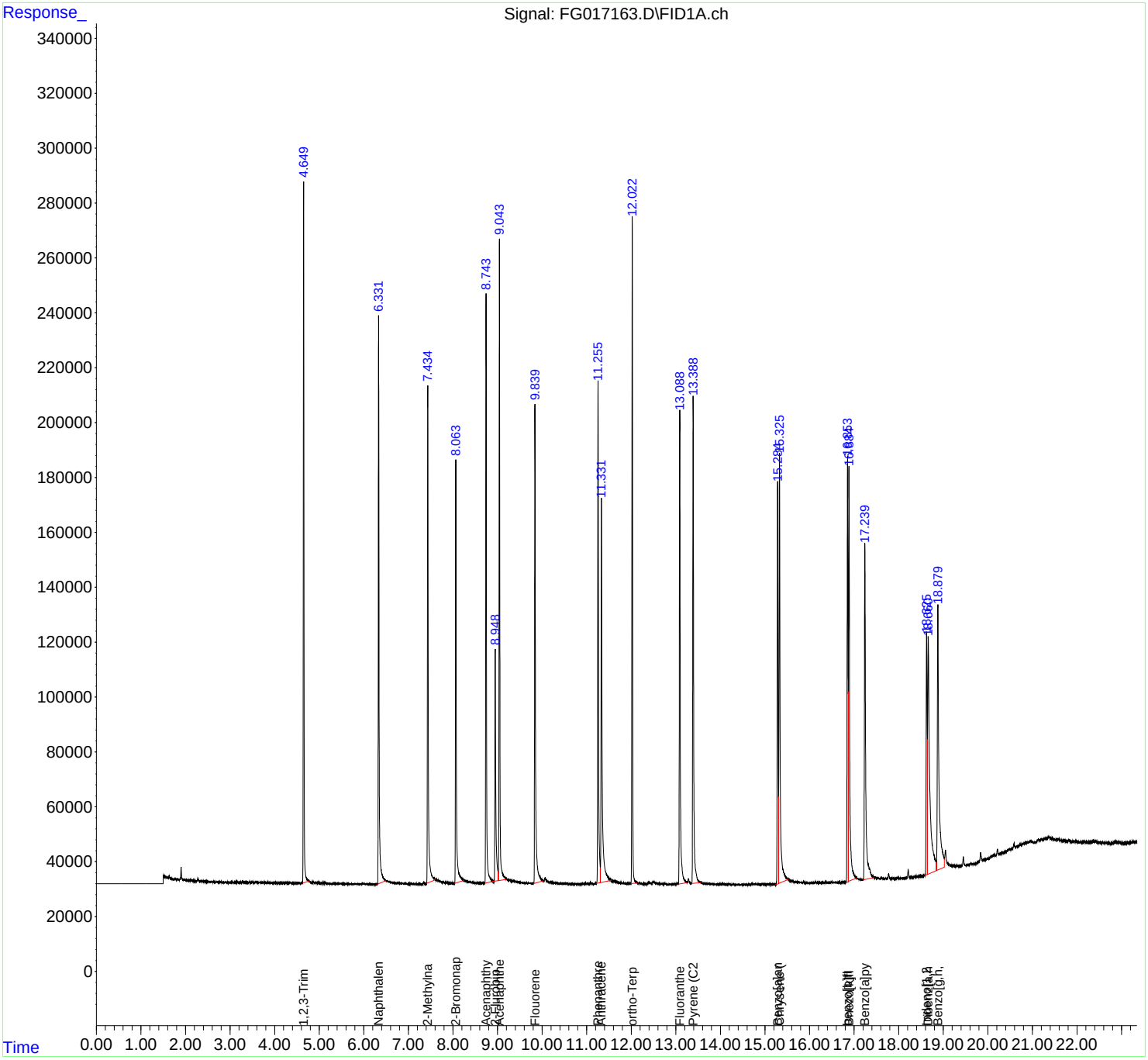

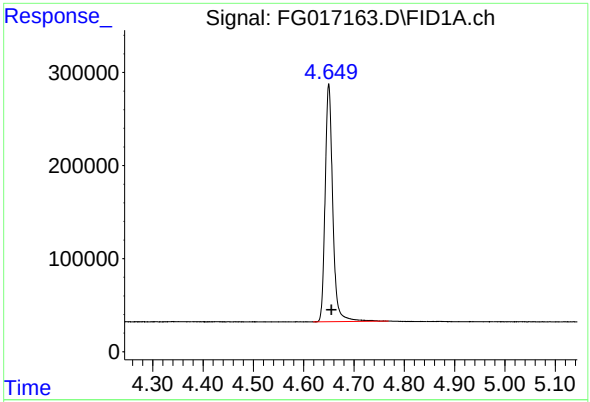

#1 1,2,3-Trimethylbenzene (C10.1)

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

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD

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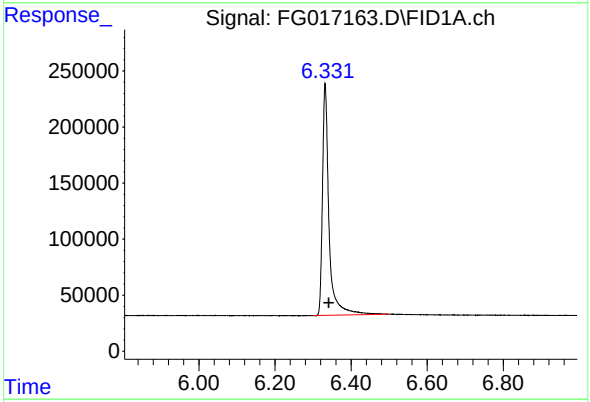
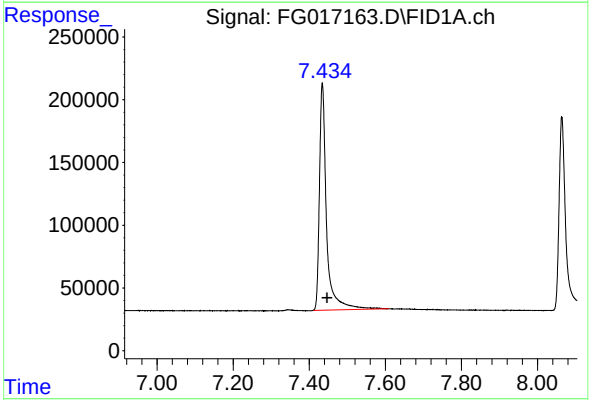


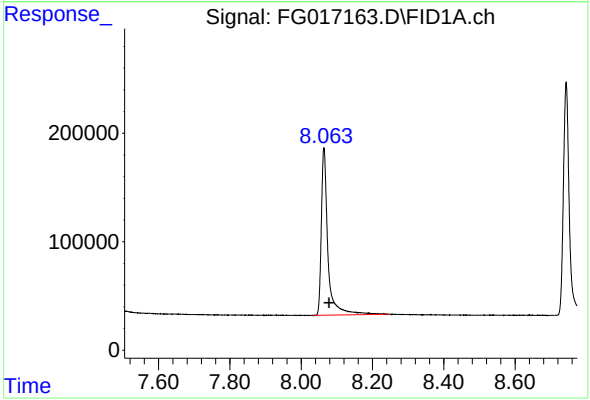
#2 Naphthalene (C11.7)

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



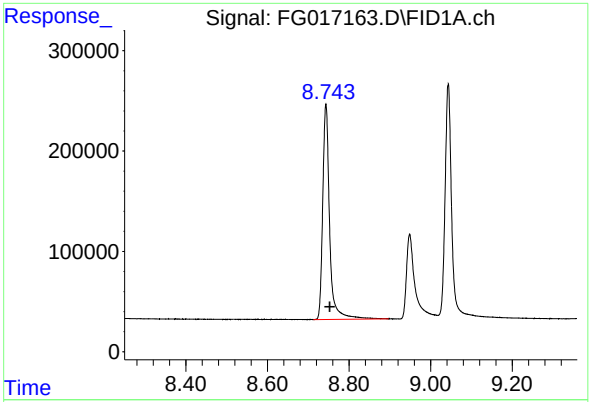
#3 2-Methylnaphthalene (C12.89)

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 :
20 PPM AROMATIC HC STD

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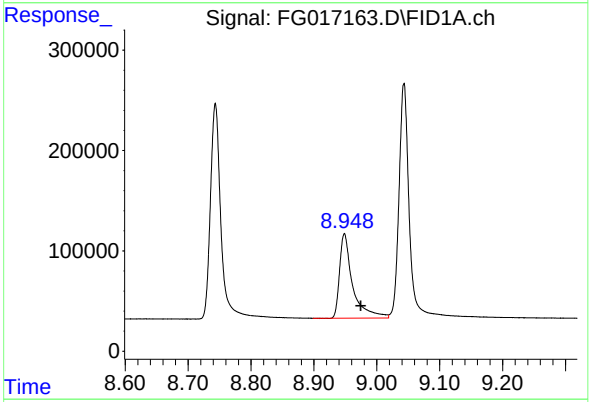
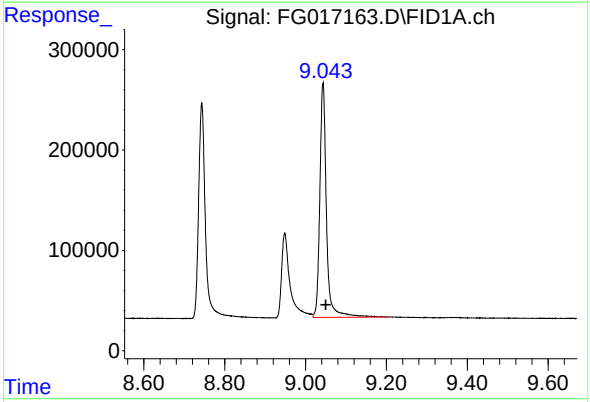


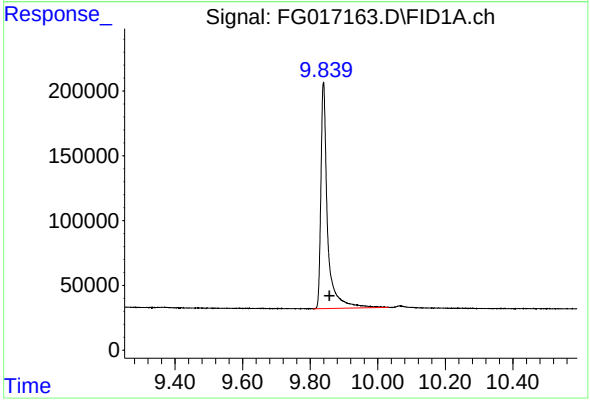
#6 2-Flurobiphenyl (SURR)

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



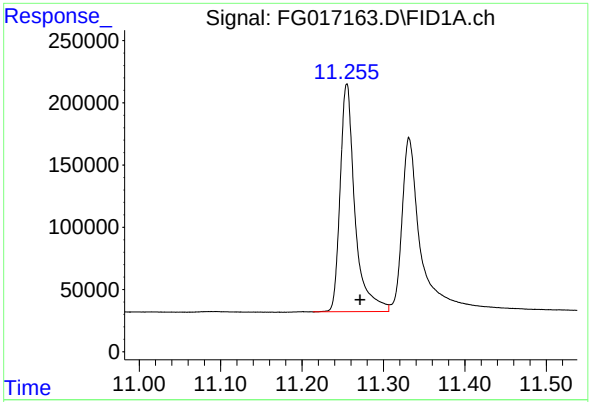
#7 Acenaphthene (C15.5)

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



#8 Flouorene (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 :
20 PPM AROMATIC HC STD

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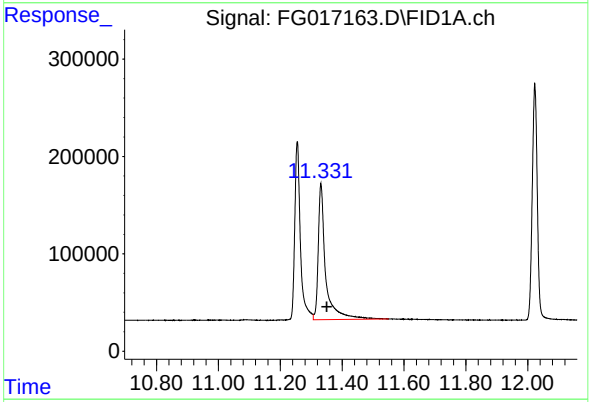
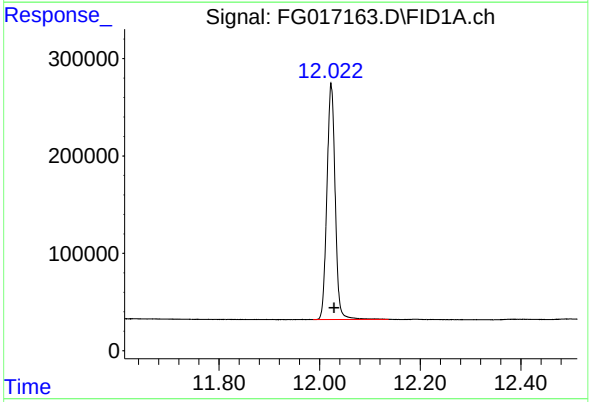


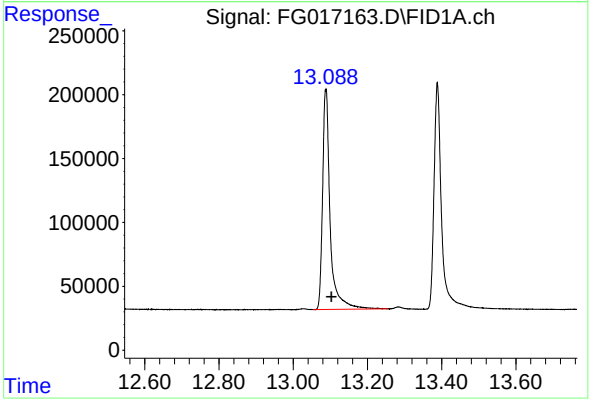
#10 Anthracene (C19.43)

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



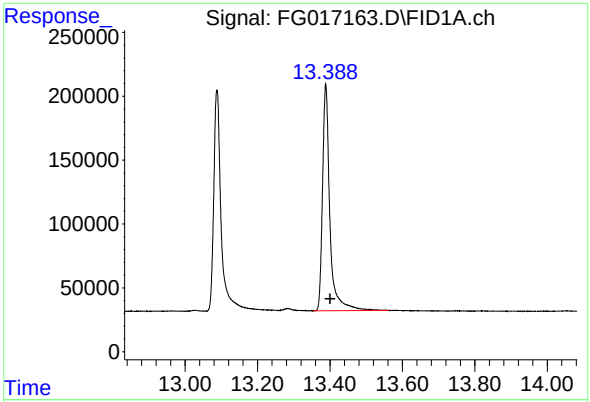
#11 ortho-Terphenyl (SURR)

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
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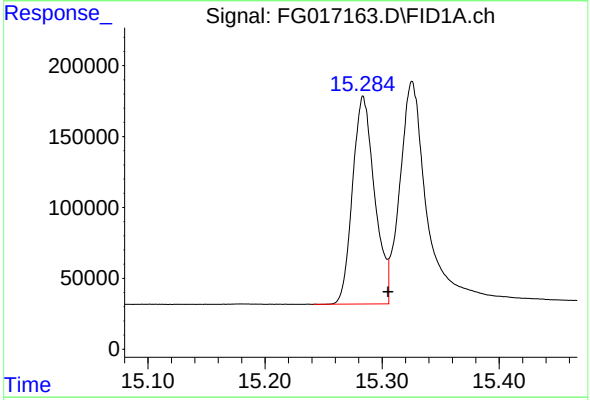
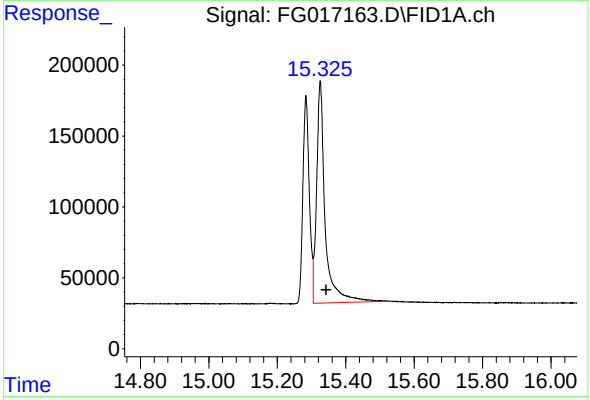


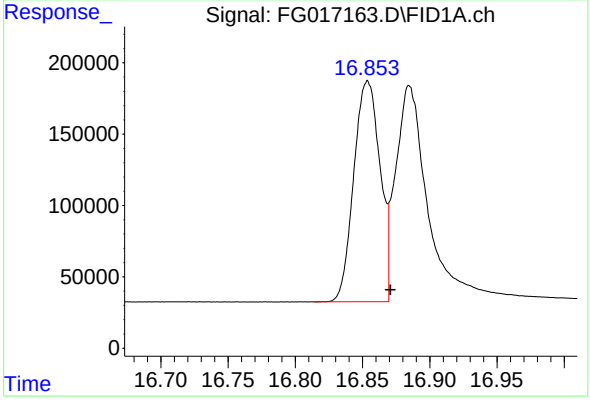
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.284 min
Delta R.T.: -0.022 min
Response: 1919968
Conc: 21.19 ug/ml m



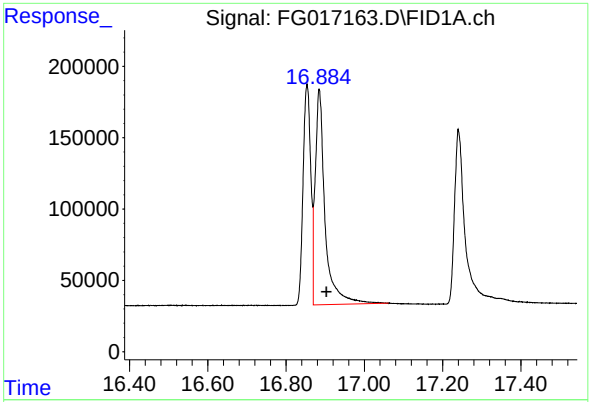
#15 Chrysene (C27.41)

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.: 16.853 min
Delta R.T.: -0.017 min
Response: 2122021
Conc: 21.52 ug/ml m



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

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

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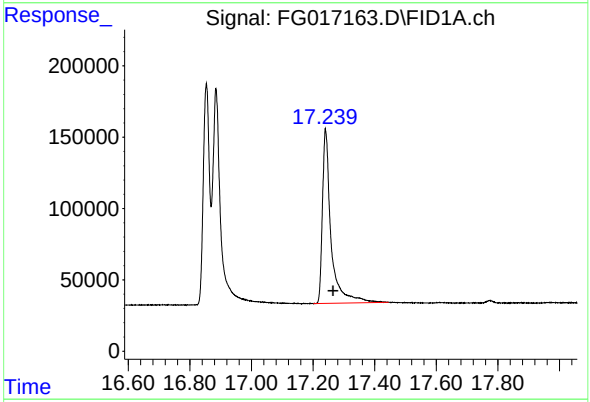
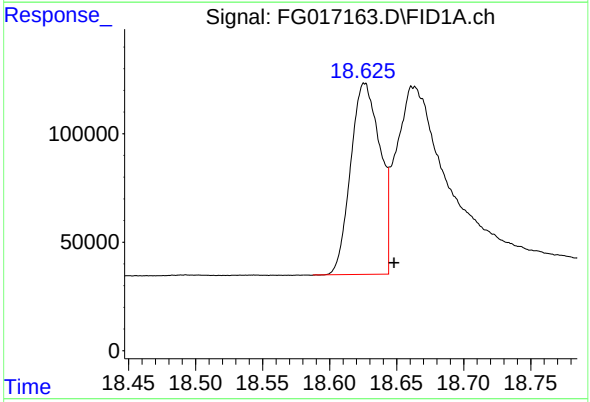


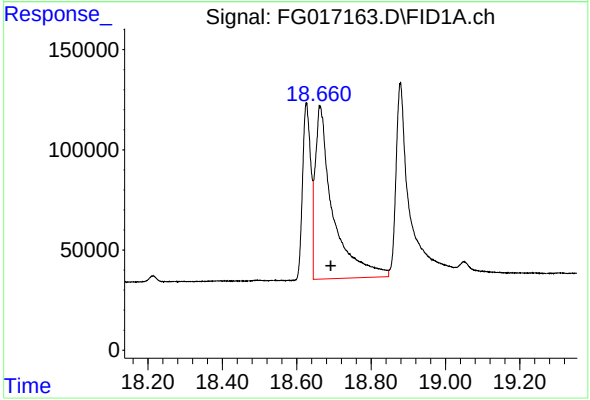
#18 Benzo[a]pyrene (C31.34)

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



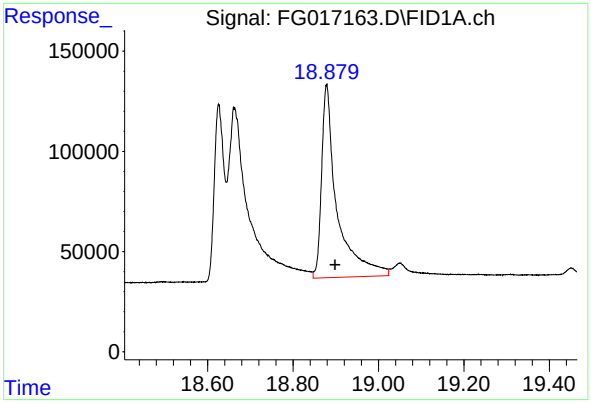
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.625 min
Delta R.T.: -0.023 min
Response: 1348276
Conc: 15.23 ug/ml m



#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

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FID_G
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20 PPM AROMATIC HC STD

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