

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AR\
 Data File : FG016862.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2025 00:00
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :mohammad ahmed 10/31/2025

Integration File: autoint1.e
 Quant Time: Oct 30 05:30:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 05:27:38 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...	8.083	534999	4.905 ug/ml
Spiked Amount 50.000		Recovery =	9.81%
6) S 2-Fluorobiphenyl (SURR)	8.980	219576	3.626 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.25%
11) S ortho-Terphenyl (SURR)	12.038	854752	5.904 ug/ml
Spiked Amount 50.000		Recovery =	11.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.663	757808	5.769 ug/ml
2) T Naphthalene (C11.7)	6.347	721683	5.358 ug/ml
3) T 2-Methylnaphthalene (...)	7.452	692071	5.665 ug/ml
5) T Acenaphthylene (C15.06)	8.760	585912	4.852 ug/ml
7) T Acenaphthene (C15.5)	9.059	787784	5.722 ug/ml
8) T Flouorene (C16.55)	9.865	645746	5.177 ug/ml
9) T Phenanthrene (C19.36)	11.278	608550	5.116 ug/ml
10) T Anthracene (C19.43)	11.356	948627	6.781 ug/ml
12) T Fluoranthene (C21.85)	13.109	775689	5.671 ug/ml
13) T Pyrene (C20.8)	13.408	836857	5.936 ug/ml
14) T Benzo[a]anthracene (C...	15.311	417077	3.909 ug/ml
15) T Chrysene (C27.41)	15.350	1107020	6.961 ug/ml
16) T benzo[b]fluoranthene ...	16.878	463467	4.239 ug/ml
17) T Bnezo[k]fluoranthene ...	16.908	991200	6.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.270	532102	4.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.657	418350	5.467 ug/ml
20) T Dibenz[a,h]anthracene...	18.700	849706	5.774 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.904	661965	5.539 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 45 Sample Multiplier: 1

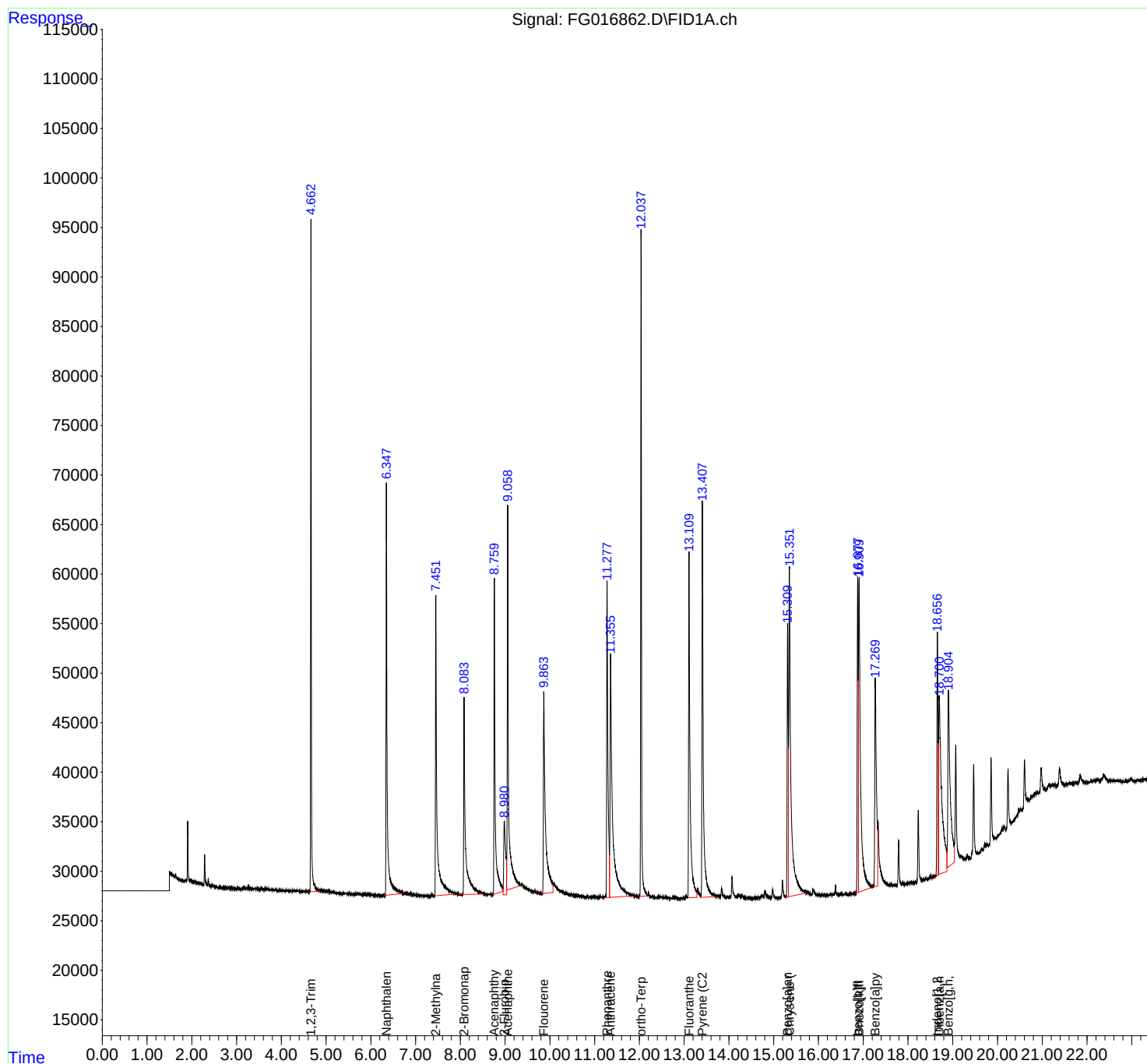
Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

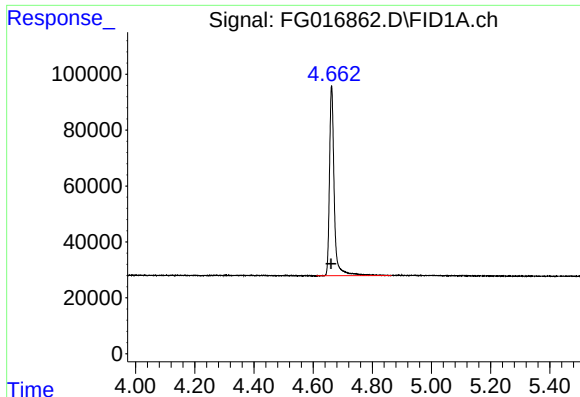
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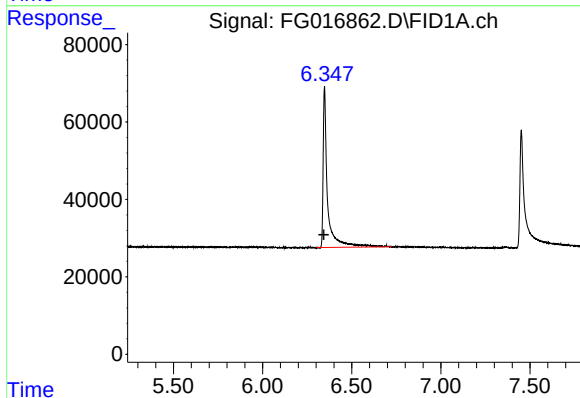
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.663 min
Delta R.T.: 0.002 min
Response: 757808
Conc: 5.77 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

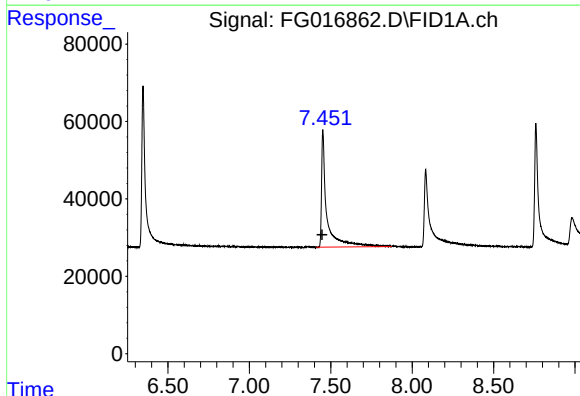
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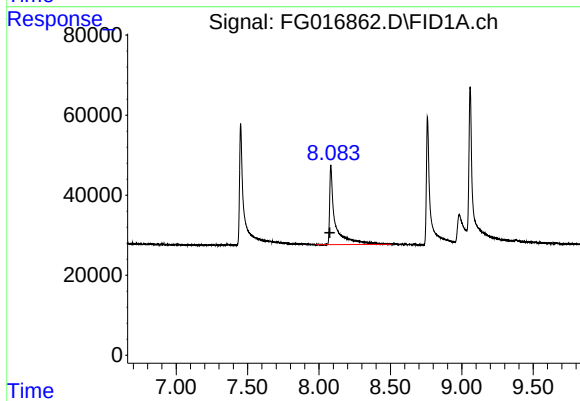
#2 Naphthalene (C11.7)

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 721683
Conc: 5.36 ug/ml



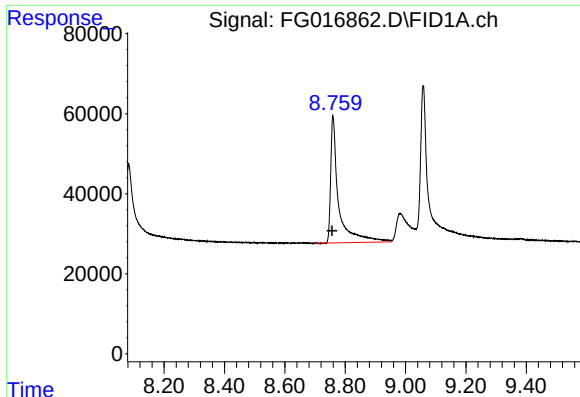
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.452 min
Delta R.T.: 0.005 min
Response: 692071
Conc: 5.67 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.083 min
Delta R.T.: 0.006 min
Response: 534999
Conc: 4.91 ug/ml



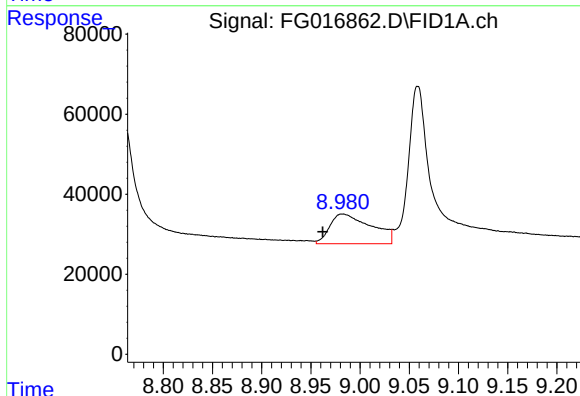
#5 Acenaphthylene (C15.06)

R.T.: 8.760 min
Delta R.T.: 0.004 min
Response: 585912
Conc: 4.85 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

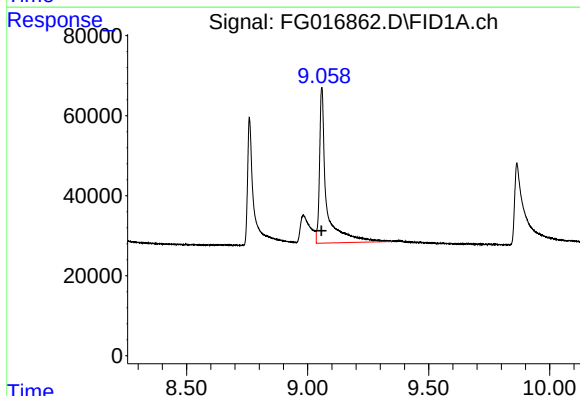
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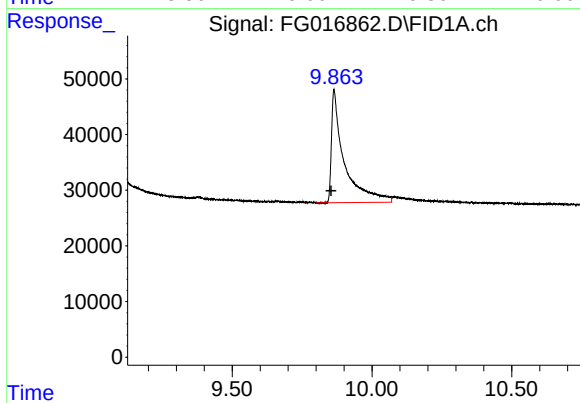
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.980 min
Delta R.T.: 0.018 min
Response: 219576
Conc: 3.63 ug/ml m



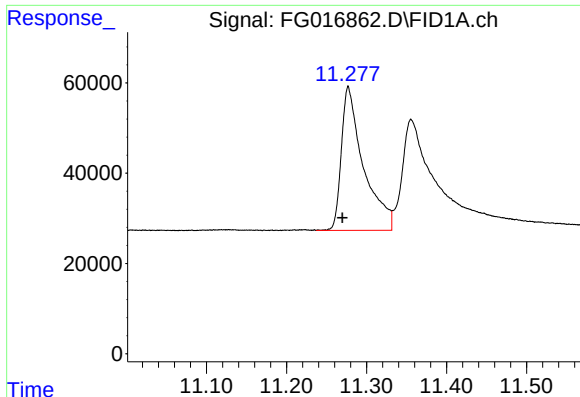
#7 Acenaphthene (C15.5)

R.T.: 9.059 min
Delta R.T.: 0.002 min
Response: 787784
Conc: 5.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.865 min
Delta R.T.: 0.011 min
Response: 645746
Conc: 5.18 ug/ml



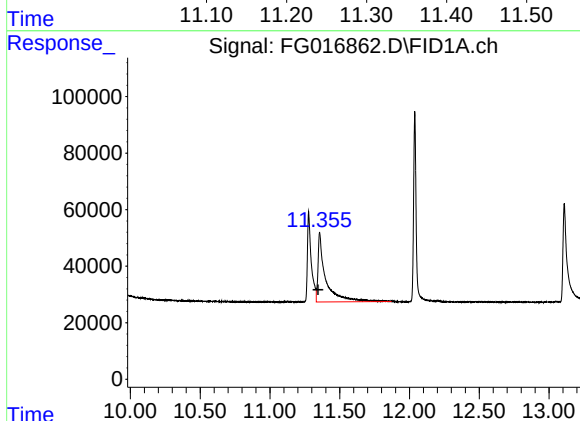
#9 Phenanthrene (C19.36)

R.T.: 11.278 min
Delta R.T.: 0.008 min
Response: 608550
Conc: 5.12 ug/ml

Instrument :
FID_G
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5 PPM AROMATIC HC STD5

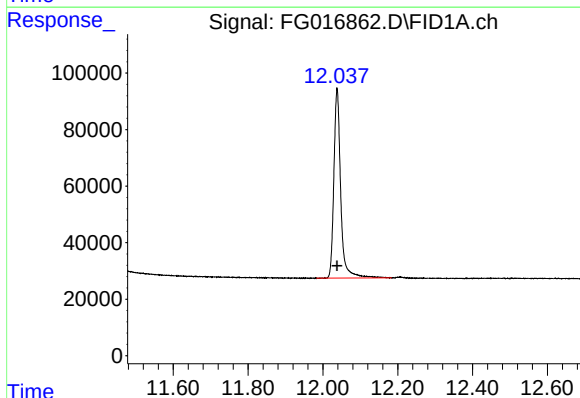
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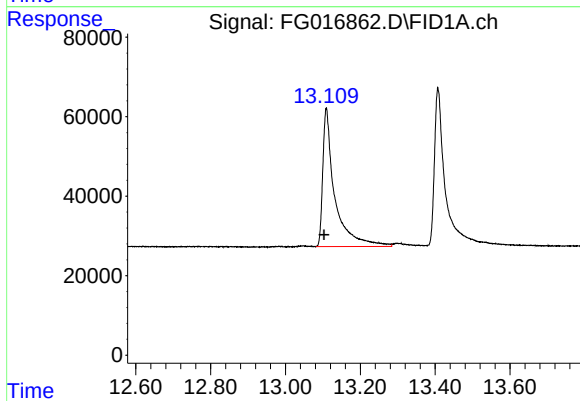
#10 Anthracene (C19.43)

R.T.: 11.356 min
Delta R.T.: 0.010 min
Response: 948627
Conc: 6.78 ug/ml



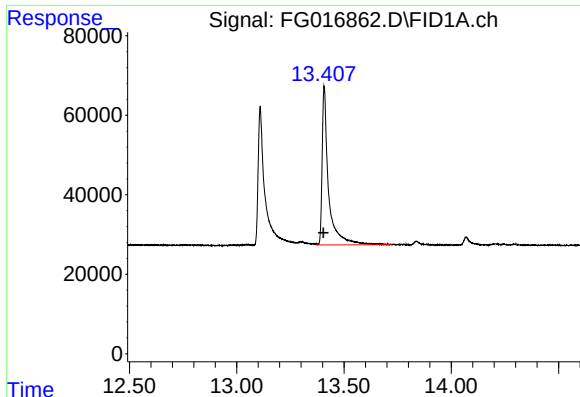
#11 ortho-Terphenyl (SURR)

R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 854752
Conc: 5.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.109 min
Delta R.T.: 0.006 min
Response: 775689
Conc: 5.67 ug/ml



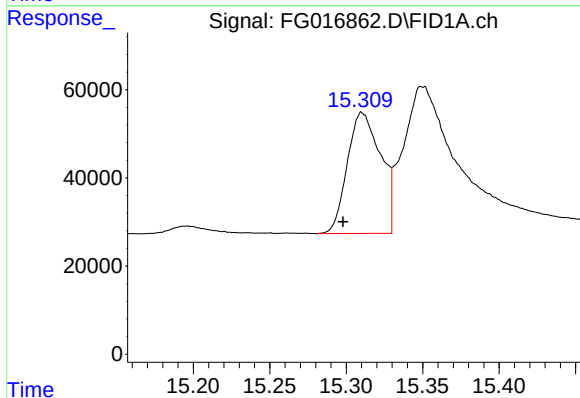
#13 Pyrene (C20.8)

R.T.: 13.408 min
Delta R.T.: 0.004 min
Response: 836857
Conc: 5.94 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

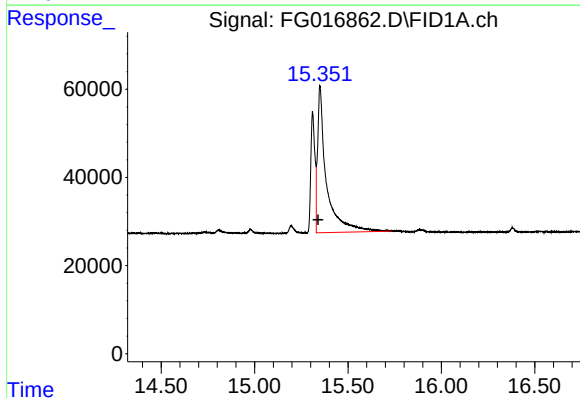
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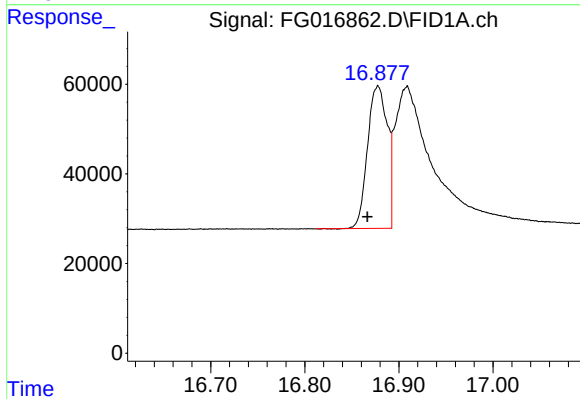
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.311 min
Delta R.T.: 0.013 min
Response: 417077
Conc: 3.91 ug/ml



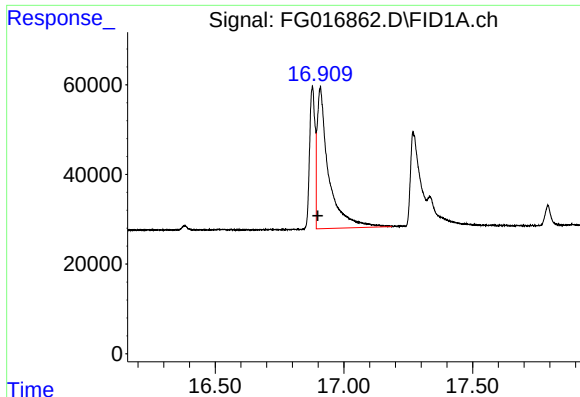
#15 Chrysene (C27.41)

R.T.: 15.350 min
Delta R.T.: 0.010 min
Response: 1107020
Conc: 6.96 ug/ml



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

R.T.: 16.878 min
Delta R.T.: 0.011 min
Response: 463467
Conc: 4.24 ug/ml



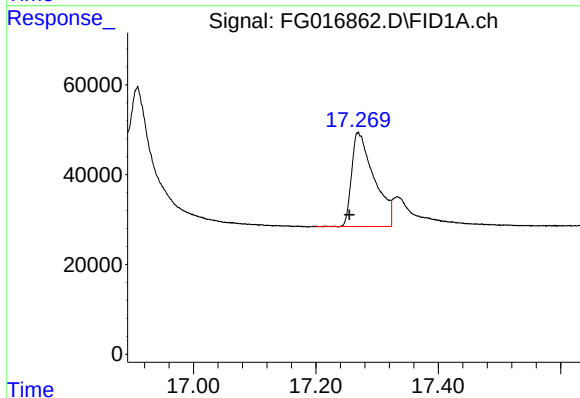
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.908 min
Delta R.T.: 0.010 min
Response: 991200
Conc: 6.83 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

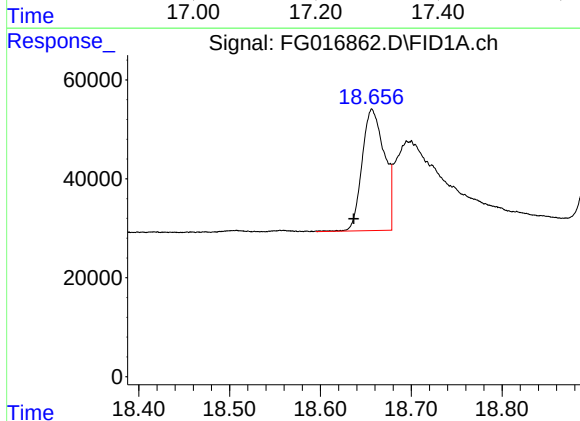
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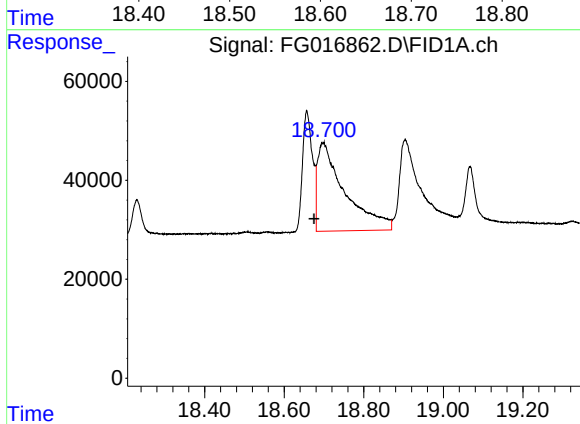
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.270 min
Delta R.T.: 0.015 min
Response: 532102
Conc: 4.78 ug/ml



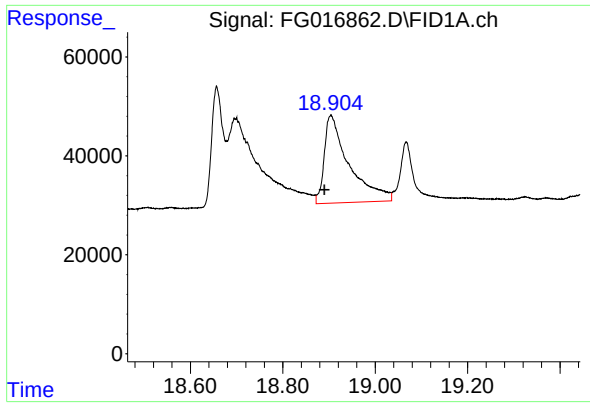
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.657 min
Delta R.T.: 0.020 min
Response: 418350
Conc: 5.47 ug/ml



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

R.T.: 18.700 min
Delta R.T.: 0.025 min
Response: 849706
Conc: 5.77 ug/ml m



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

R.T.: 18.904 min
Delta R.T.: 0.014 min
Response: 661965
Conc: 5.54 ug/ml

Instrument :

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ClientSampleId :

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