

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
 Data File : FG016442.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 16:26
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
 Quant Time: Aug 29 04:55:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 04:51:23 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...	8.110	565080	5.293 ug/ml
Spiked Amount 50.000		Recovery =	10.59%
6) S 2-Fluorobiphenyl (SURR)	8.994	377459	5.211 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.42%
11) S ortho-Terphenyl (SURR)	12.073	680308	5.403 ug/mlm
Spiked Amount 50.000		Recovery =	10.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.695	638240	5.369 ug/ml
2) T Naphthalene (C11.7)	6.377	657449	5.259 ug/ml
3) T 2-Methylnaphthalene (...)	7.480	637870	5.115 ug/ml
5) T Acenaphthylene (C15.06)	8.791	637608	5.144 ug/ml
7) T Acenaphthene (C15.5)	9.092	711638	5.596 ug/ml
8) T Flouorene (C16.55)	9.888	655965	5.347 ug/ml
9) T Phenanthrene (C19.36)	11.305	639016	5.261 ug/ml
10) T Anthracene (C19.43)	11.382	672583	5.575 ug/ml
12) T Fluoranthene (C21.85)	13.140	658754	5.437 ug/ml
13) T Pyrene (C20.8)	13.441	666975	5.577 ug/ml
14) T Benzo[a]anthracene (C...	15.335	598366	5.275 ug/ml
15) T Chrysene (C27.41)	15.378	672018	5.701 ug/ml
16) T benzo[b]fluoranthene ...	16.904	603596	5.228 ug/ml
17) T Bnezo[k]fluoranthene ...	16.935	654891	5.824 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.289	631887	5.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.669	530084	5.121 ug/ml
20) T Dibenz[a,h]anthracene...	18.708	760520	5.978 ug/ml
21) T Benzo[g,h,i]perylene ...	18.925	672912	5.477 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
Data File : FG016442.D
Signal(s) : FID1A.ch
Acq On : 28 Aug 2025 16:26
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

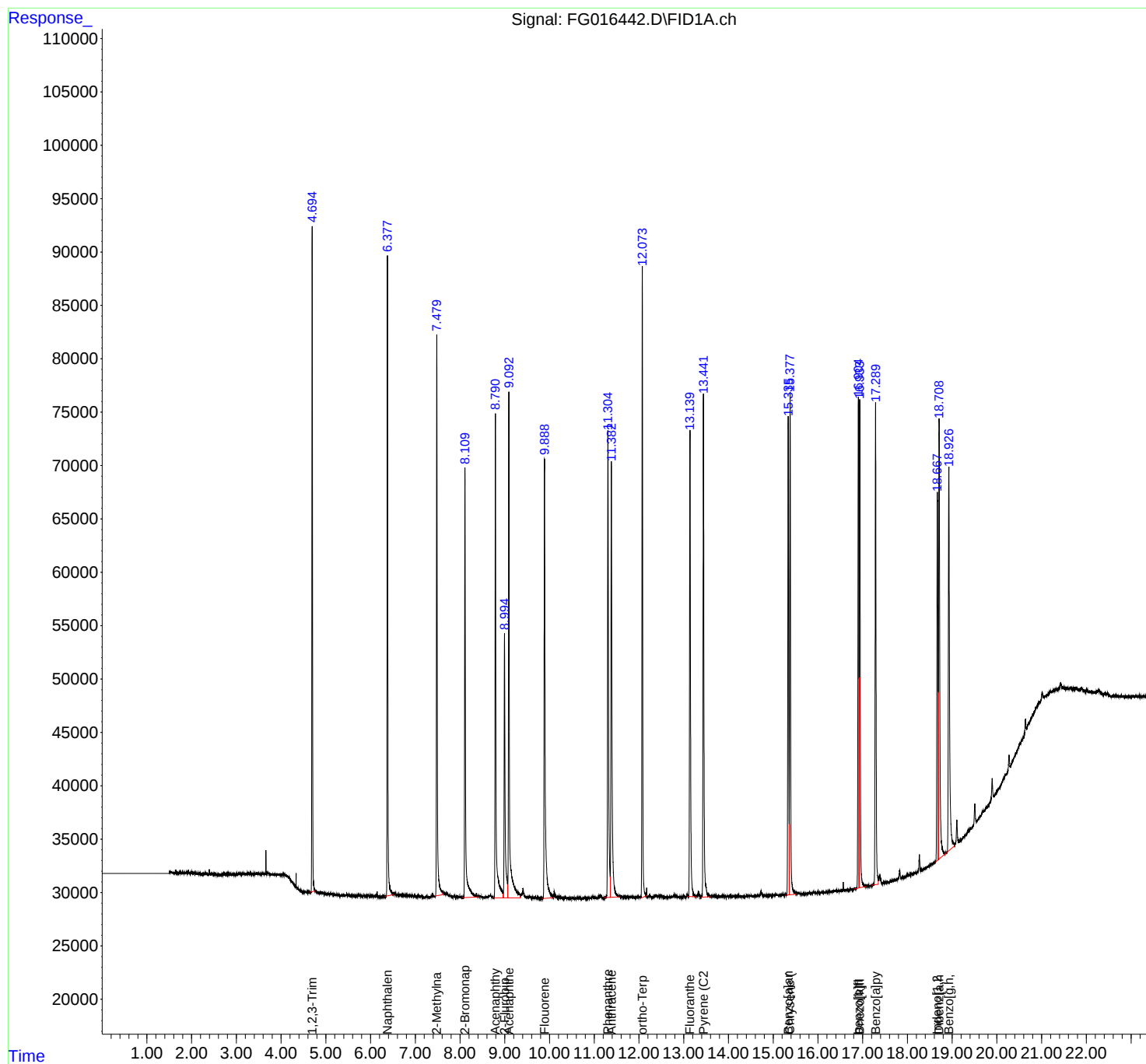
Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

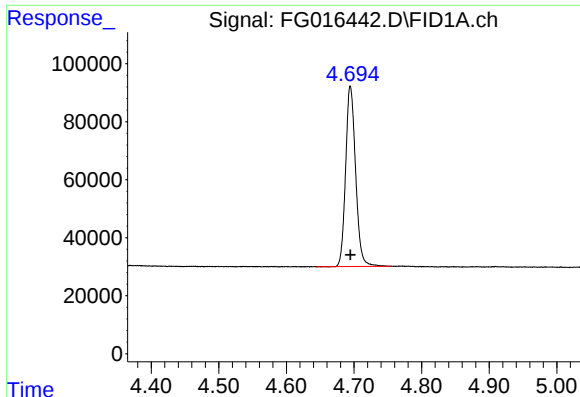
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
Quant Time: Aug 29 04:55:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 04:51:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





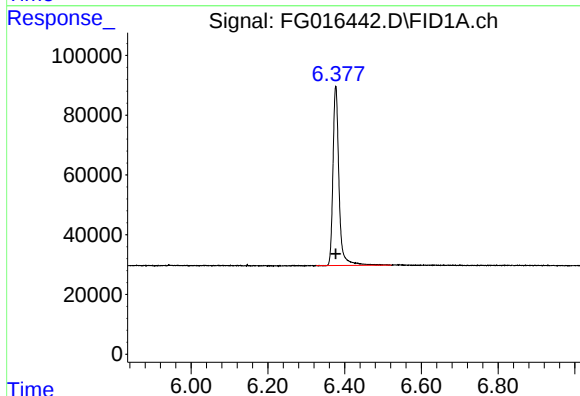
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 638240
Conc: 5.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

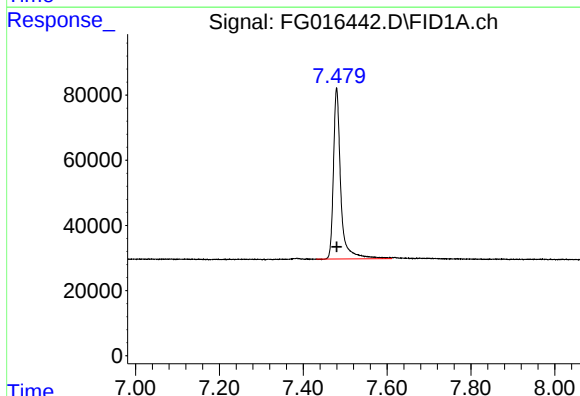
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



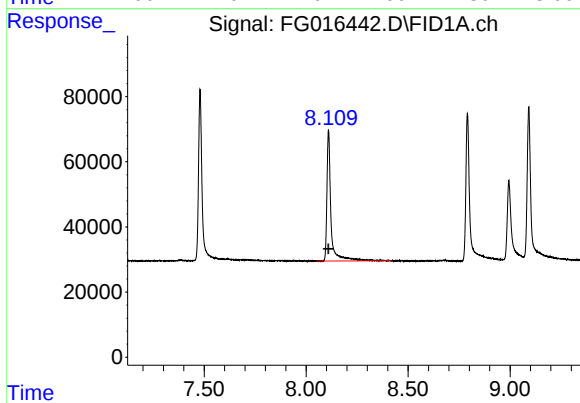
#2 Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 657449
Conc: 5.26 ug/ml



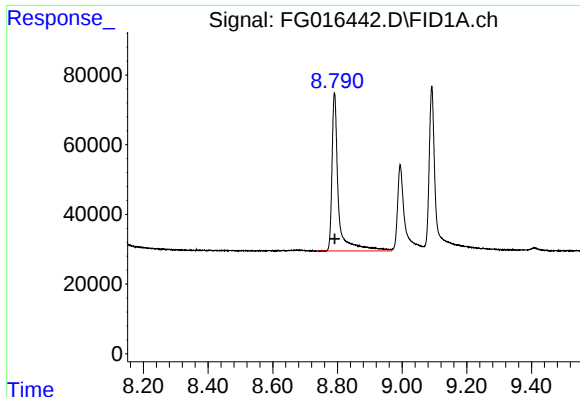
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 637870
Conc: 5.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.110 min
Delta R.T.: 0.001 min
Response: 565080
Conc: 5.29 ug/ml



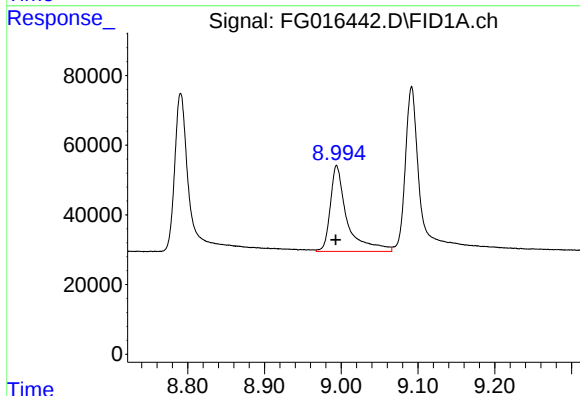
#5 Acenaphthylene (C15.06)

R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 637608
Conc: 5.14 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

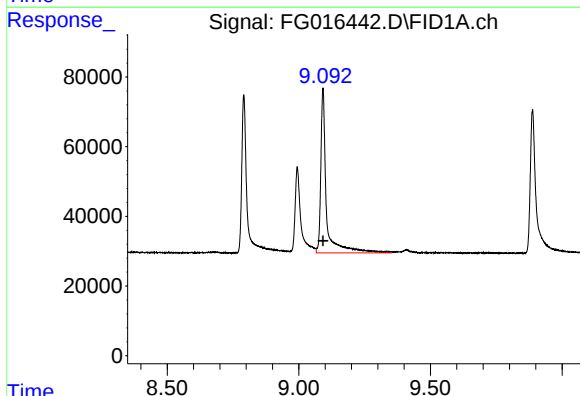
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



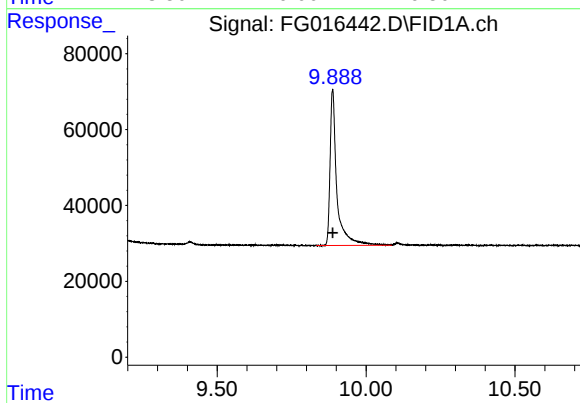
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.994 min
Delta R.T.: 0.001 min
Response: 377459
Conc: 5.21 ug/ml



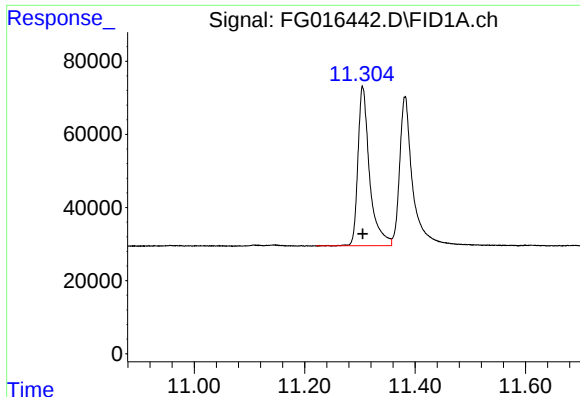
#7 Acenaphthene (C15.5)

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 711638
Conc: 5.60 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.888 min
Delta R.T.: 0.000 min
Response: 655965
Conc: 5.35 ug/ml



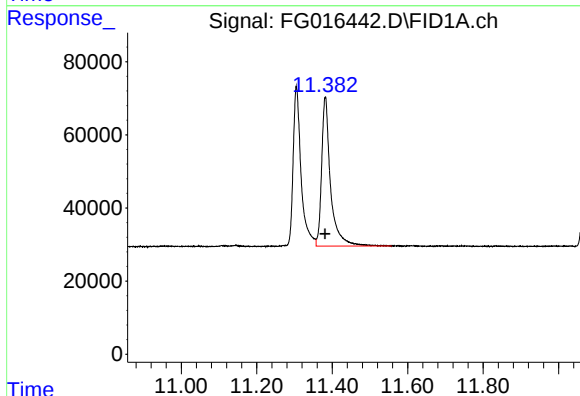
#9 Phenanthrene (C19.36)

R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 639016
Conc: 5.26 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

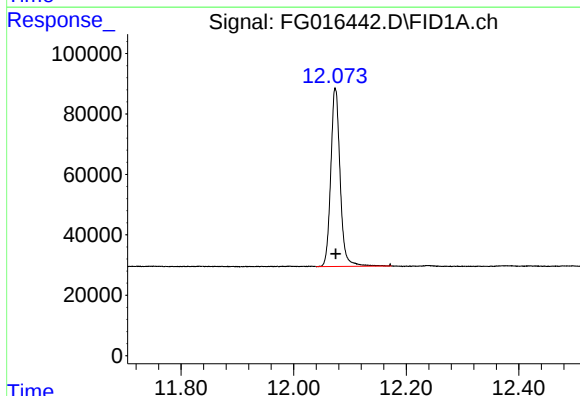
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



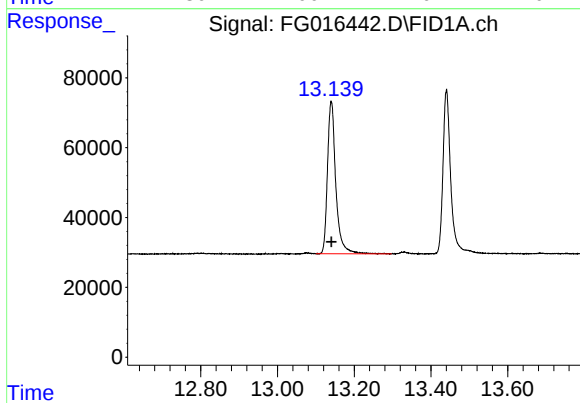
#10 Anthracene (C19.43)

R.T.: 11.382 min
Delta R.T.: 0.001 min
Response: 672583
Conc: 5.57 ug/ml



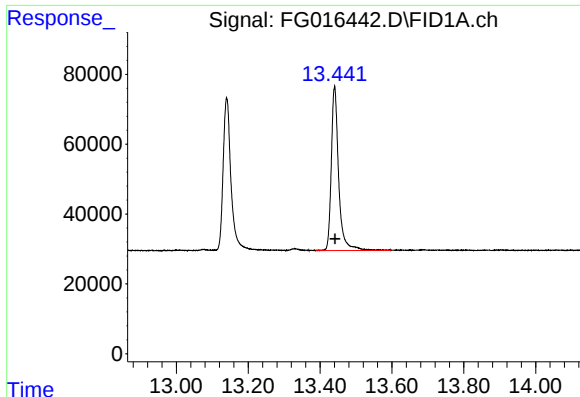
#11 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: -0.002 min
Response: 680308
Conc: 5.40 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 658754
Conc: 5.44 ug/ml



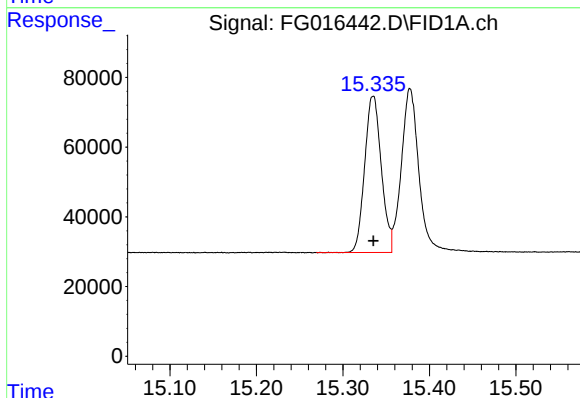
#13 Pyrene (C20.8)

R.T.: 13.441 min
Delta R.T.: -0.002 min
Response: 666975
Conc: 5.58 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

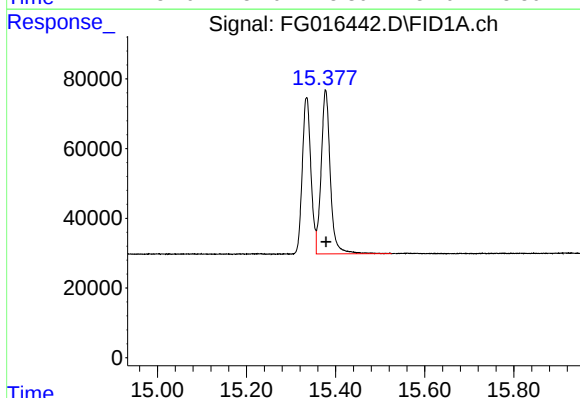
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



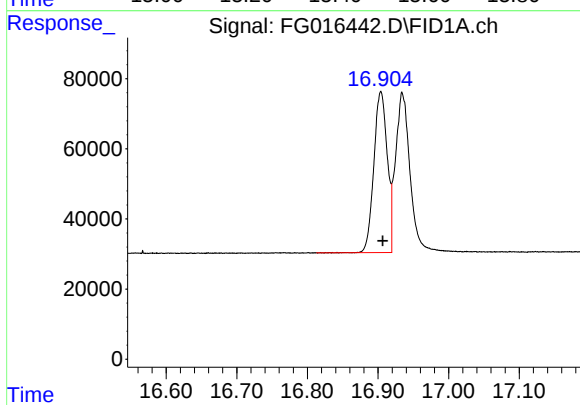
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.335 min
Delta R.T.: 0.000 min
Response: 598366
Conc: 5.27 ug/ml



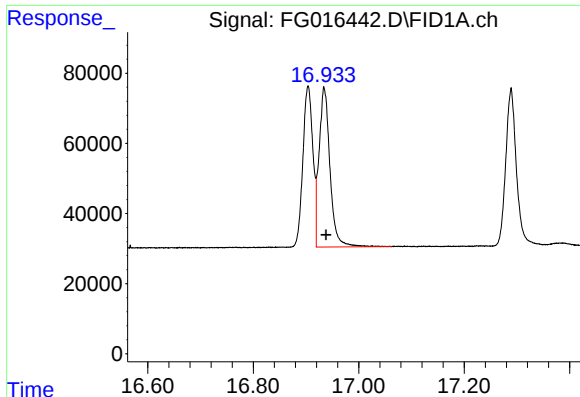
#15 Chrysene (C27.41)

R.T.: 15.378 min
Delta R.T.: 0.000 min
Response: 672018
Conc: 5.70 ug/ml



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

R.T.: 16.904 min
Delta R.T.: -0.003 min
Response: 603596
Conc: 5.23 ug/ml



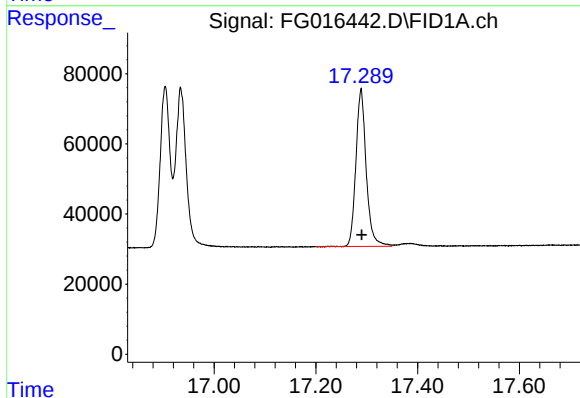
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.935 min
Delta R.T.: -0.003 min
Response: 654891
Conc: 5.82 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

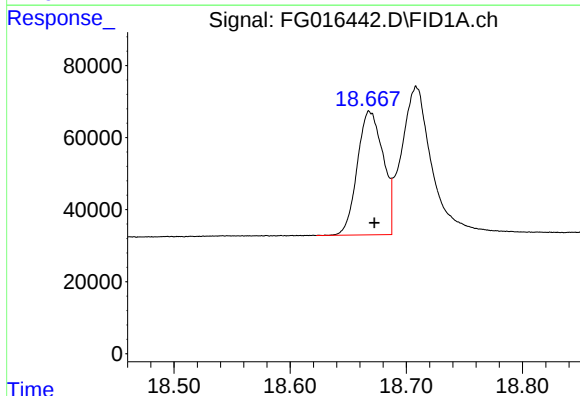
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



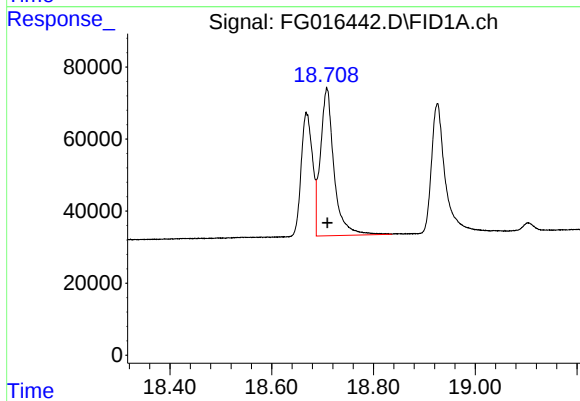
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.289 min
Delta R.T.: -0.001 min
Response: 631887
Conc: 5.47 ug/ml



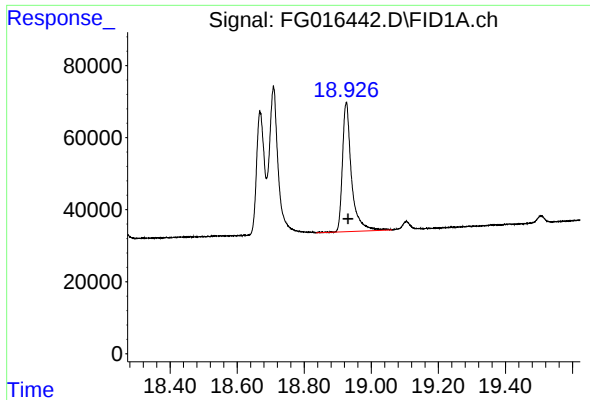
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.669 min
Delta R.T.: -0.004 min
Response: 530084
Conc: 5.12 ug/ml



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

R.T.: 18.708 min
Delta R.T.: -0.001 min
Response: 760520
Conc: 5.98 ug/ml



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

R.T.: 18.925 min
Delta R.T.: -0.005 min
Response: 672912
Conc: 5.48 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025