

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016743.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 16:49
 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

Integration File: autoint1.e
 Quant Time: Oct 03 01:40:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 01:39:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

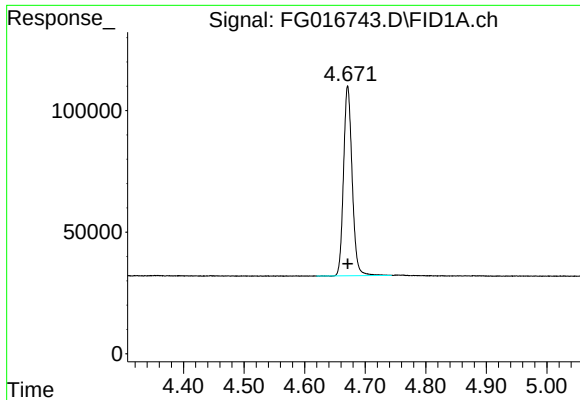
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

10/03/2025
 Supervised By :mohammad
 ahmed

Compound	R.T.	Response	Conc Units
-----10/04/2025			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.087	592963	5.192 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
6) S 2-Fluorobiphenyl (SURR)	8.975	339516	4.732 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.46%
11) S ortho-Terphenyl (SURR)	12.047	837853	5.947 ug/ml
Spiked Amount 50.000		Recovery =	11.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.671	769545	5.854 ug/ml
2) T Naphthalene (C11.7)	6.353	754335	5.507 ug/ml
3) T 2-Methylnaphthalene (...)	7.456	746662	5.643 ug/ml
5) T Acenaphthylene (C15.06)	8.766	639408	5.048 ug/mlm
7) T Acenaphthene (C15.5)	9.067	868964	6.350 ug/ml
8) T Flouorene (C16.55)	9.866	727923	5.543 ug/ml
9) T Phenanthrene (C19.36)	11.282	679776	5.370 ug/ml
10) T Anthracene (C19.43)	11.359	931576	6.532 ug/ml
12) T Fluoranthene (C21.85)	13.113	801035	5.887 ug/ml
13) T Pyrene (C20.8)	13.413	816059	5.942 ug/ml
14) T Benzo[a]anthracene (C...	15.310	579889	5.073 ug/ml
15) T Chrysene (C27.41)	15.352	983235	6.930 ug/ml
16) T benzo[b]fluoranthene ...	16.878	535597	4.949 ug/ml
17) T Bnezo[k]fluoranthene ...	16.909	934552	6.806 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.266	638999	5.545 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.657	481864	6.265 ug/ml
20) T Dibenz[a,h]anthracene...	18.687	915222	6.215 ug/ml
21) T Benzo[g,h,i]perylene ...	18.900	651977	5.920 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



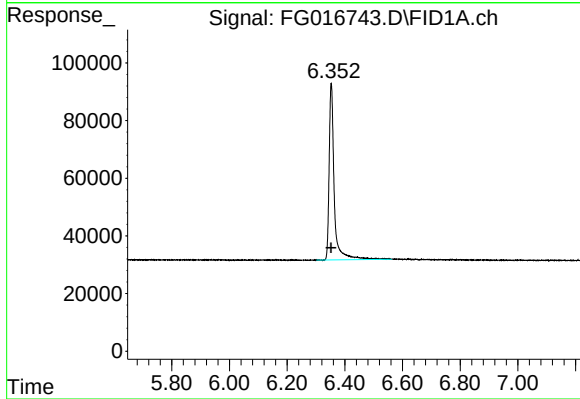
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.671 min
Delta R.T.: 0.000 min
Response: 769545
Conc: 5.85 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

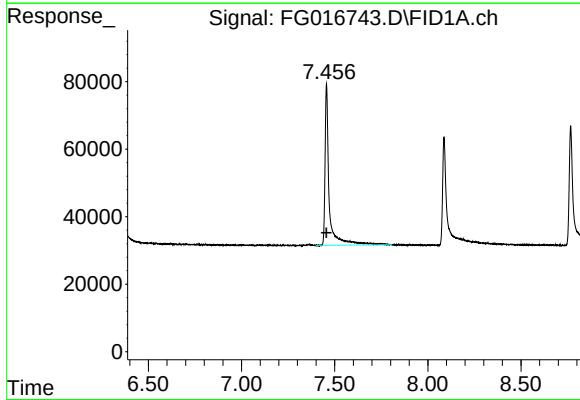


#2 Naphthalene (C11.7)

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 754335
Conc: 5.51 ug/ml

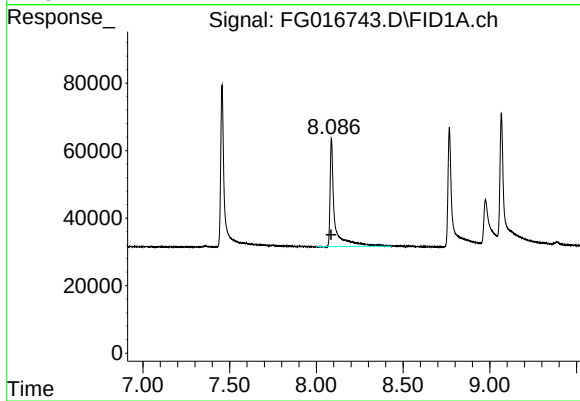
10/03/2025
Supervised By :mohammad
ahmed

10/04/2025



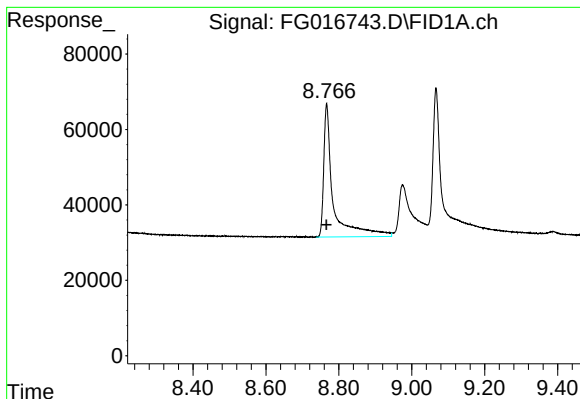
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 746662
Conc: 5.64 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 592963
Conc: 5.19 ug/ml



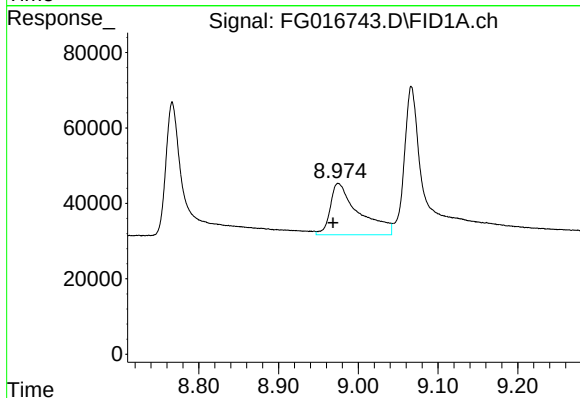
#5 Acenaphthylene (C15.06)

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 639408
Conc: 5.05 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

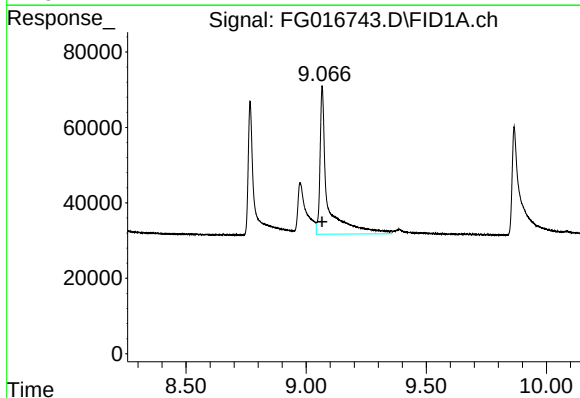


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.975 min
Delta R.T.: 0.007 min
Response: 339516
Conc: 4.73 ug/ml

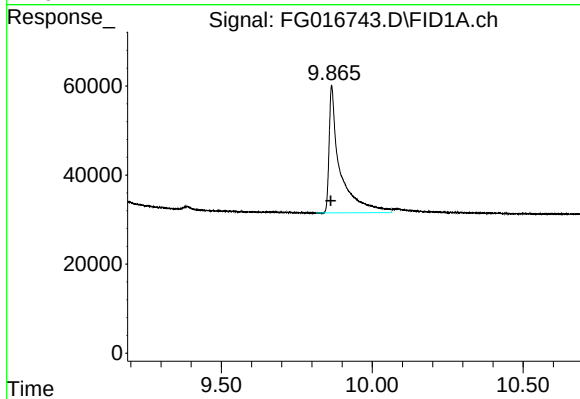
10/03/2025
Supervised By :mohammad
ahmed

10/04/2025



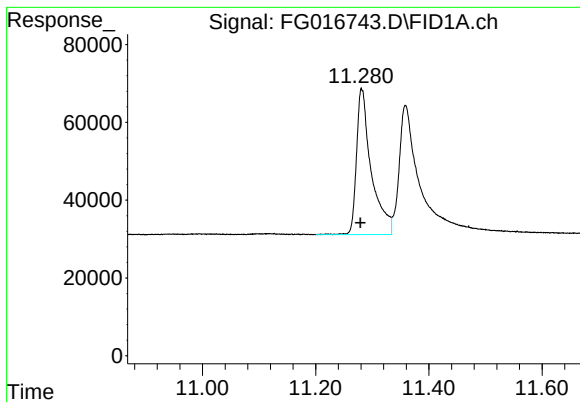
#7 Acenaphthene (C15.5)

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 868964
Conc: 6.35 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.866 min
Delta R.T.: 0.003 min
Response: 727923
Conc: 5.54 ug/ml



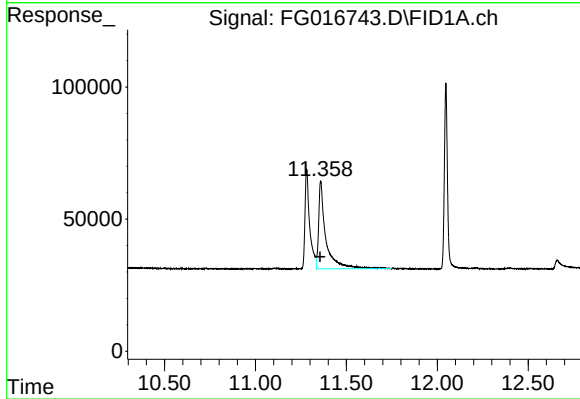
#9 Phenanthrene (C19.36)

R.T.: 11.282 min
Delta R.T.: 0.003 min
Response: 679776
Conc: 5.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

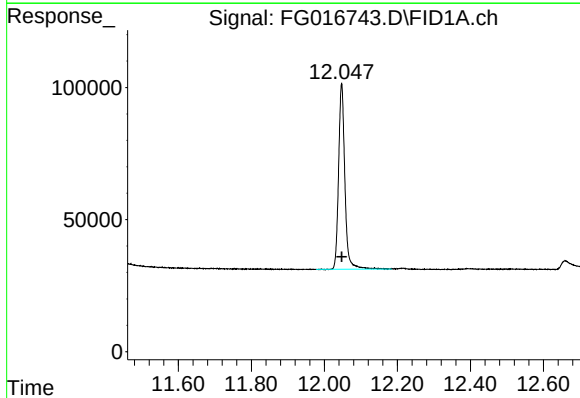


#10 Anthracene (C19.43)

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 931576
Conc: 6.53 ug/ml

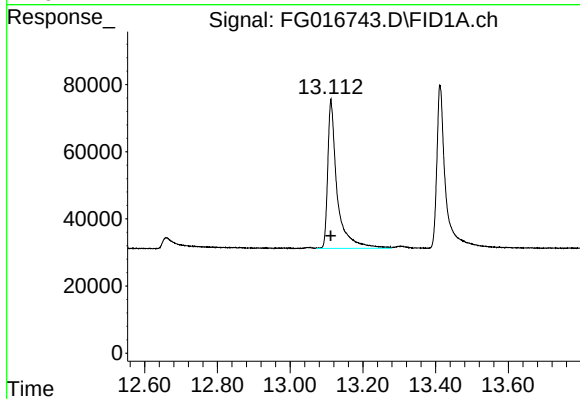
10/03/2025
Supervised By :mohammad
ahmed

10/04/2025



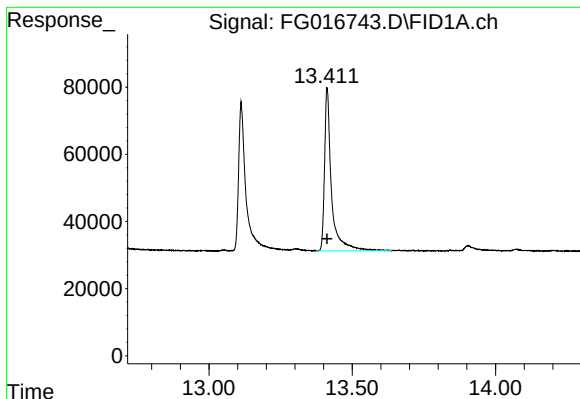
#11 ortho-Terphenyl (SURR)

R.T.: 12.047 min
Delta R.T.: 0.000 min
Response: 837853
Conc: 5.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.113 min
Delta R.T.: 0.001 min
Response: 801035
Conc: 5.89 ug/ml



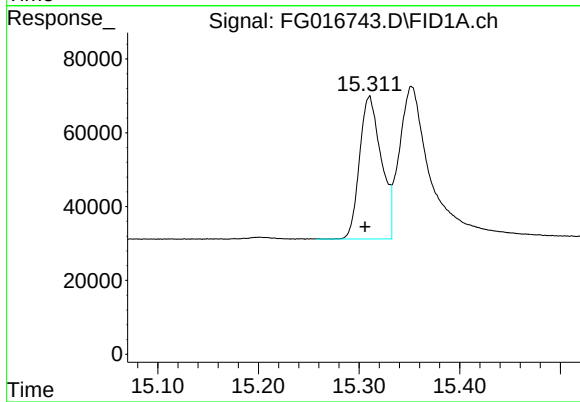
#13 Pyrene (C20.8)

R.T.: 13.413 min
Delta R.T.: 0.000 min
Response: 816059
Conc: 5.94 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

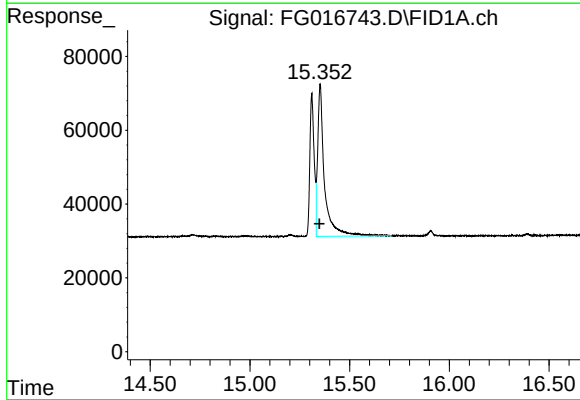


#14 Benzo[a]anthracene (C26.37)

R.T.: 15.310 min
Delta R.T.: 0.004 min
Response: 579889
Conc: 5.07 ug/ml

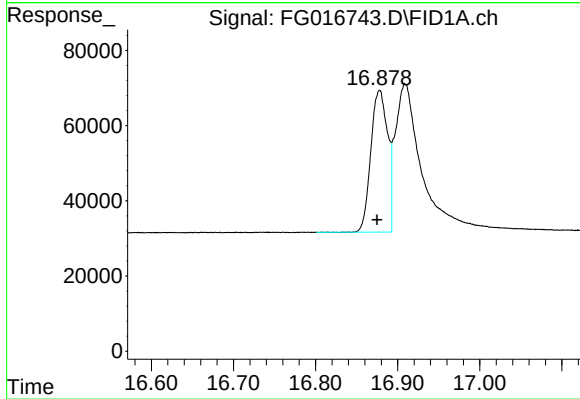
10/03/2025
Supervised By :mohammad
ahmed

10/04/2025



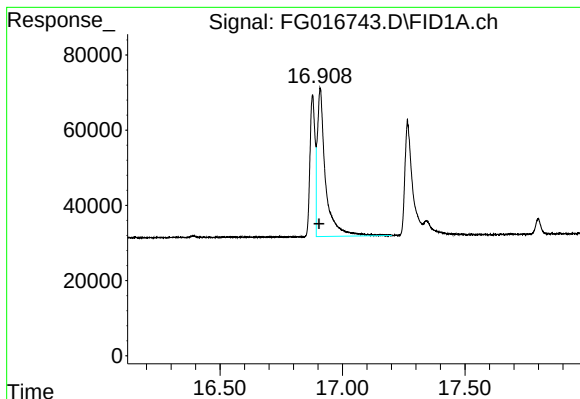
#15 Chrysene (C27.41)

R.T.: 15.352 min
Delta R.T.: 0.004 min
Response: 983235
Conc: 6.93 ug/ml



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

R.T.: 16.878 min
Delta R.T.: 0.003 min
Response: 535597
Conc: 4.95 ug/ml



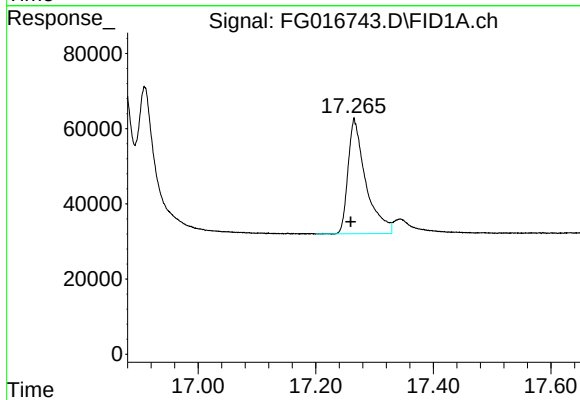
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.909 min
Delta R.T.: 0.004 min
Response: 934552
Conc: 6.81 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

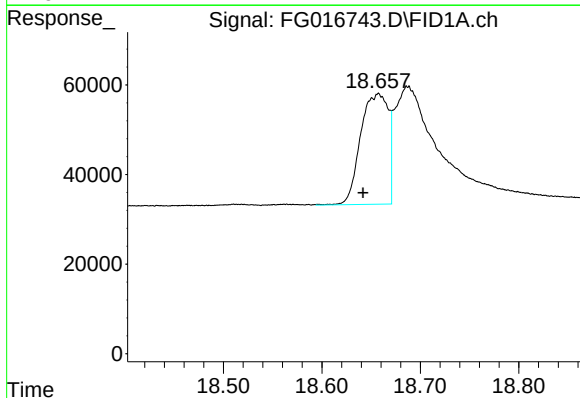


#18 Benzo[a]pyrene (C31.34)

R.T.: 17.266 min
Delta R.T.: 0.006 min
Response: 638999
Conc: 5.55 ug/ml

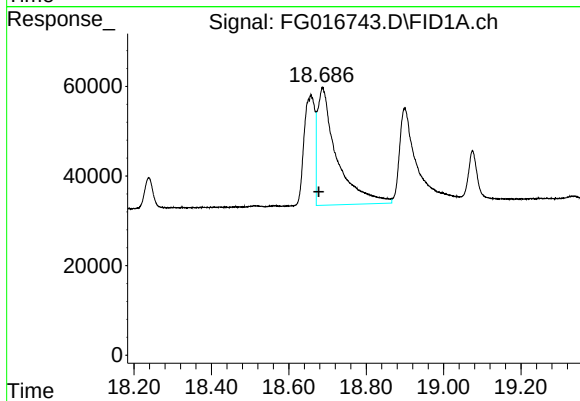
10/03/2025
Supervised By :mohammad
ahmed

10/04/2025



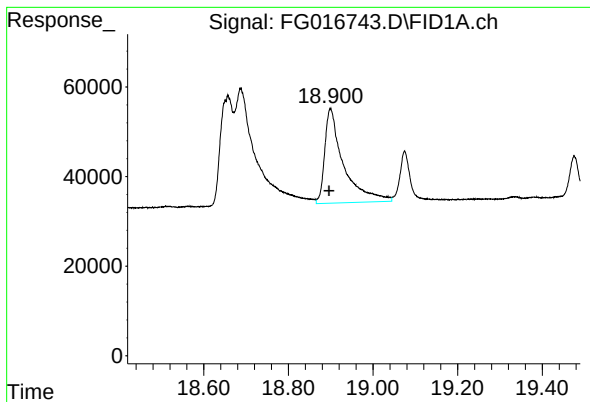
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.657 min
Delta R.T.: 0.016 min
Response: 481864
Conc: 6.27 ug/ml



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

R.T.: 18.687 min
Delta R.T.: 0.010 min
Response: 915222
Conc: 6.21 ug/ml



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

R.T.: 18.900 min
Delta R.T.: 0.004 min
Response: 651977
Conc: 5.92 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/03/2025
Supervised By :mohammad
ahmed

10/04/2025