

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
 Data File : FG015526.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2025 21:20
 Operator : YP\AJ
 Sample : PB167245BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167245BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/21/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
 Quant Time: Mar 21 01:01:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.968	5696211	46.631 ug/ml
Spiked Amount 50.000		Recovery =	93.26%
6) S 2-Fluorobiphenyl (SURR)	8.847	3133912	37.915 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.83%
11) S ortho-Terphenyl (SURR)	11.921	6079566	41.690 ug/ml
Spiked Amount 50.000		Recovery =	83.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	4376569	32.935 ug/ml
2) T Naphthalene (C11.7)	6.237	5633466	41.697 ug/ml
3) T 2-Methylnaphthalene (...)	7.339	5891556	44.167 ug/ml
5) T Acenaphthylene (C15.06)	8.647	7316945	51.663 ug/ml
7) T Acenaphthene (C15.5)	8.948	7541093	55.273 ug/ml
8) T Flouorene (C16.55)	9.741	7954491	56.979 ug/ml
9) T Phenanthrene (C19.36)	11.153	8136937	57.757 ug/ml
10) T Anthracene (C19.43)	11.230	8292753	60.601 ug/ml
12) T Fluoranthene (C21.85)	12.981	8214235	57.601 ug/mlm
13) T Pyrene (C20.8)	13.280	8182753	58.318 ug/ml
14) T Benzo[a]anthracene (C...	15.168	7906974	58.297 ug/ml
15) T Chrysene (C27.41)	15.214	9067709	64.773 ug/ml
16) T benzo[b]fluoranthene ...	16.732	7462168	56.472 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	7941693	58.165 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.117	7283210	58.079 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.494	7174173	64.481 ug/ml
20) T Dibenz[a,h]anthracene...	18.531	7336530	57.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	6933830	58.026 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032025AR\
Data File : FG015526.D
Signal(s) : FID1A.ch
Acq On : 20 Mar 2025 21:20
Operator : YP\AJ
Sample : PB167245BSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

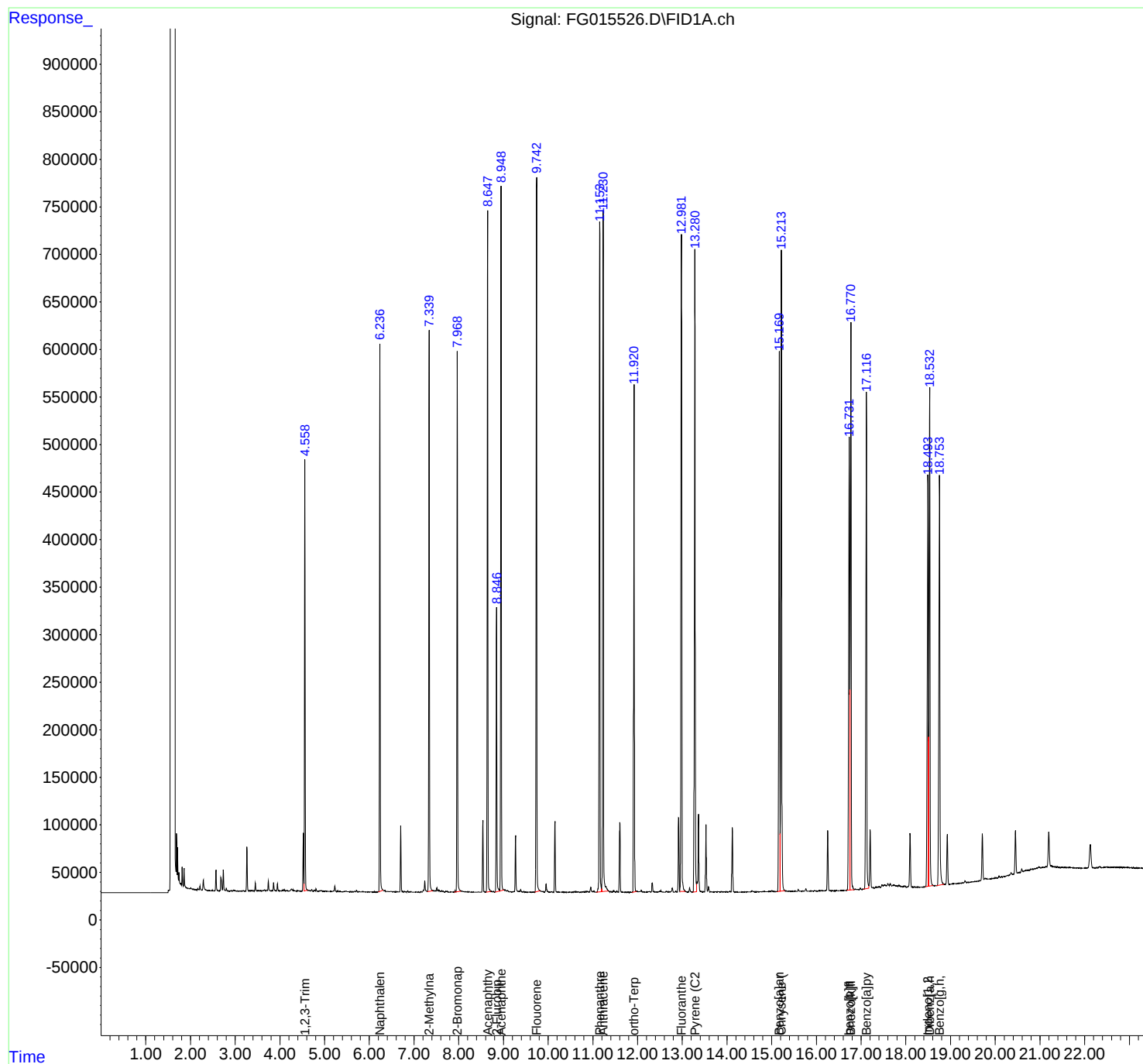
Instrument :
FID_G
ClientSampleId :
PB167245BSD

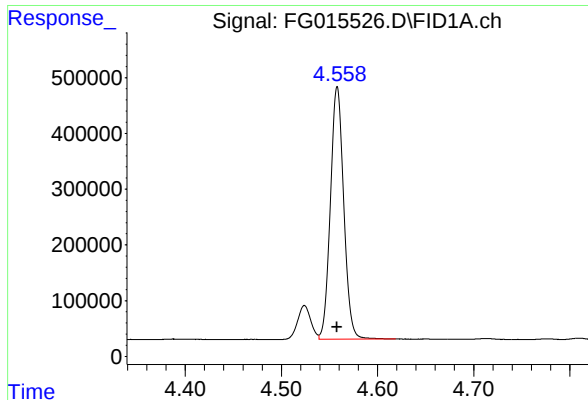
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
Quant Time: Mar 21 01:01:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Tue Mar 18 05:13:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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





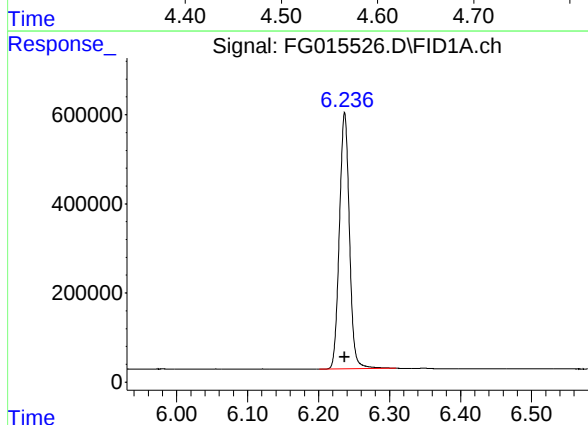
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 4376569
Conc: 32.93 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167245BSD

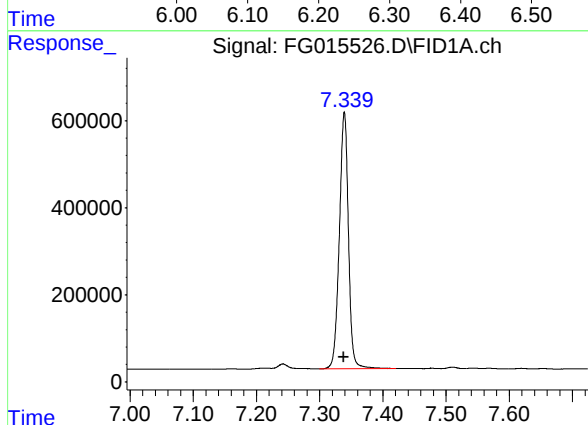
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



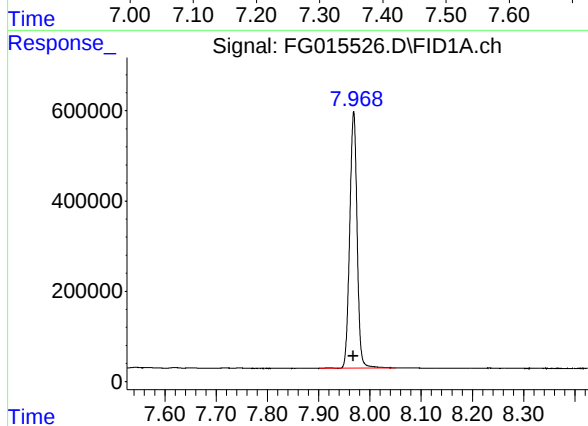
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 5633466
Conc: 41.70 ug/ml



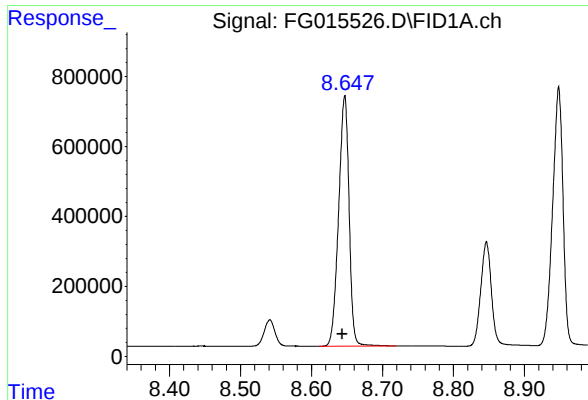
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 5891556
Conc: 44.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 5696211
Conc: 46.63 ug/ml



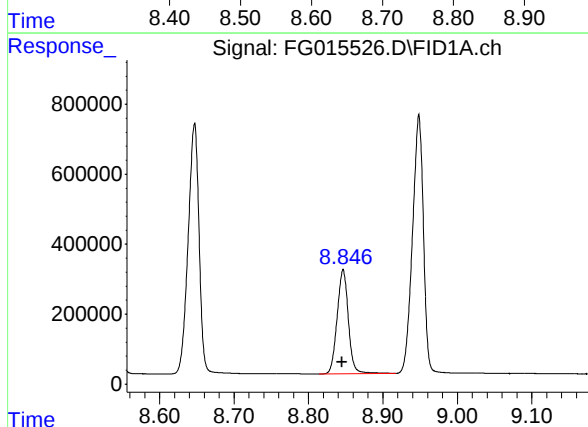
#5 Acenaphthylene (C15.06)

R.T.: 8.647 min
Delta R.T.: 0.003 min
Response: 7316945
Conc: 51.66 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167245BSD

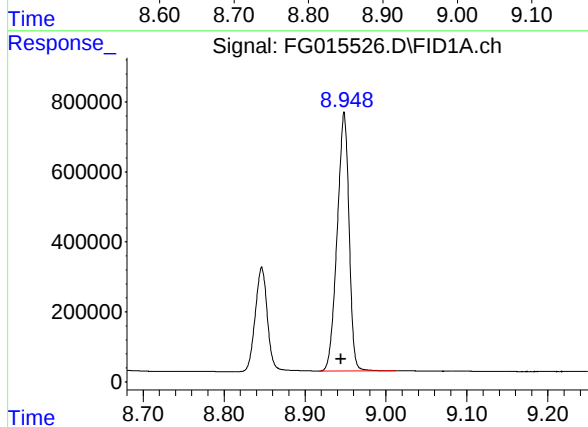
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



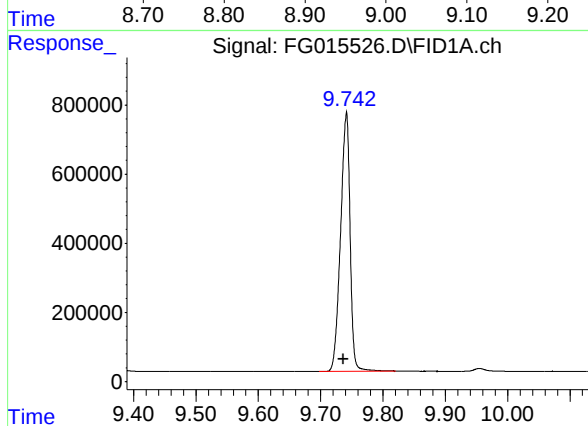
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 3133912
Conc: 37.91 ug/ml



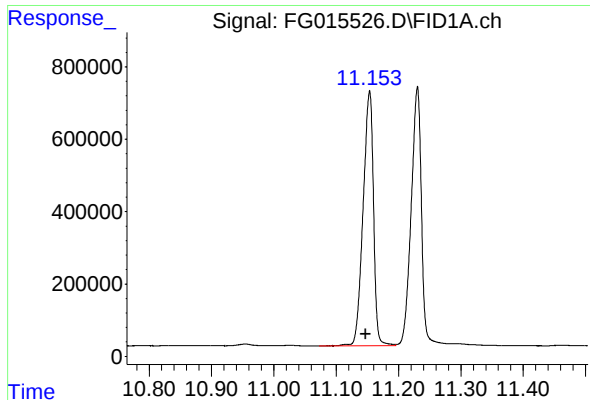
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: 0.004 min
Response: 7541093
Conc: 55.27 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.741 min
Delta R.T.: 0.005 min
Response: 7954491
Conc: 56.98 ug/ml



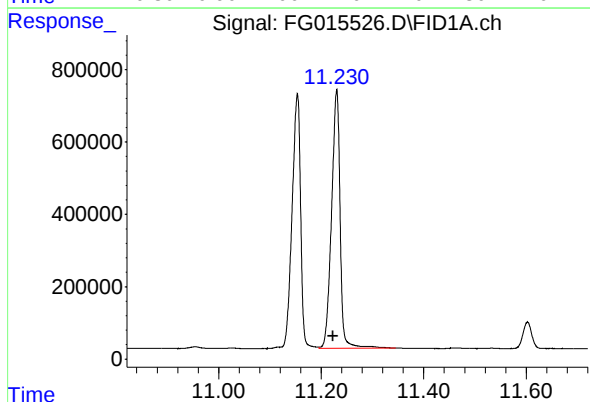
#9 Phenanthrene (C19.36)

R.T.: 11.153 min
Delta R.T.: 0.006 min
Response: 8136937
Conc: 57.76 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167245BSD

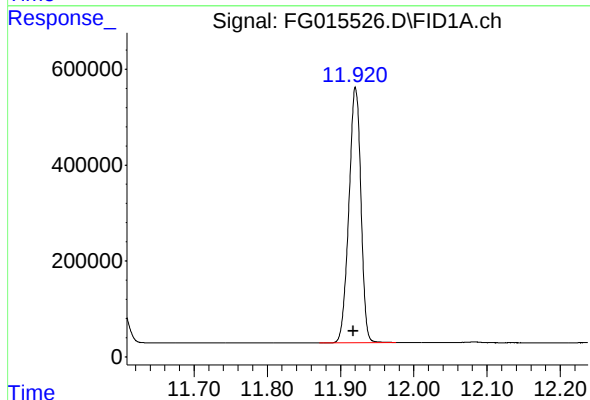
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



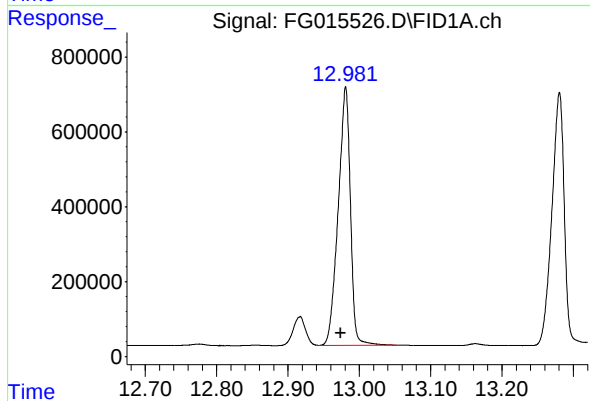
#10 Anthracene (C19.43)

R.T.: 11.230 min
Delta R.T.: 0.007 min
Response: 8292753
Conc: 60.60 ug/ml



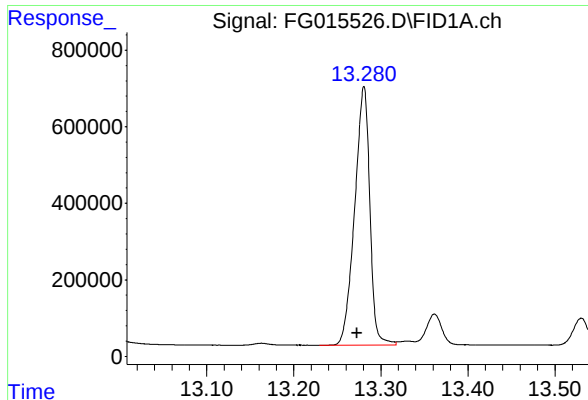
#11 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.003 min
Response: 6079566
Conc: 41.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.981 min
Delta R.T.: 0.007 min
Response: 8214235
Conc: 57.60 ug/ml m



#13 Pyrene (C20.8)

R.T.: 13.280 min
Delta R.T.: 0.008 min
Response: 8182753
Conc: 58.32 ug/ml

Instrument :

FID_G

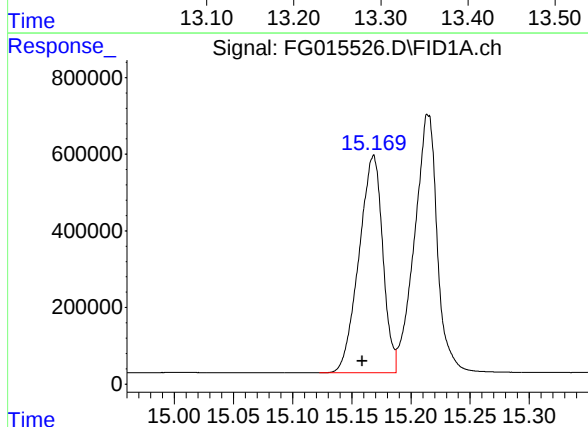
ClientSampleId :

PB167245BSD

Manual Integrations

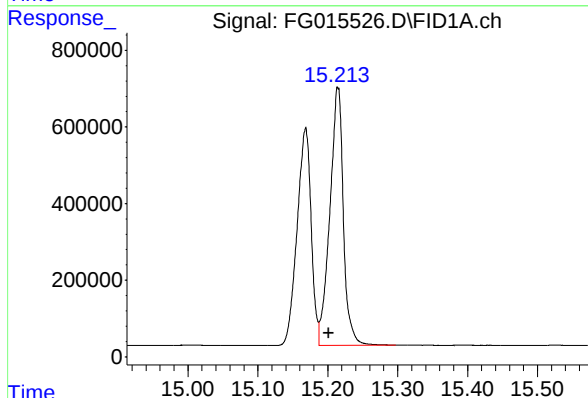
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



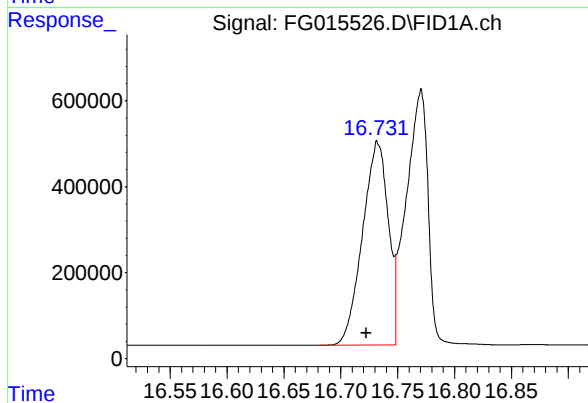
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.168 min
Delta R.T.: 0.009 min
Response: 7906974
Conc: 58.30 ug/ml



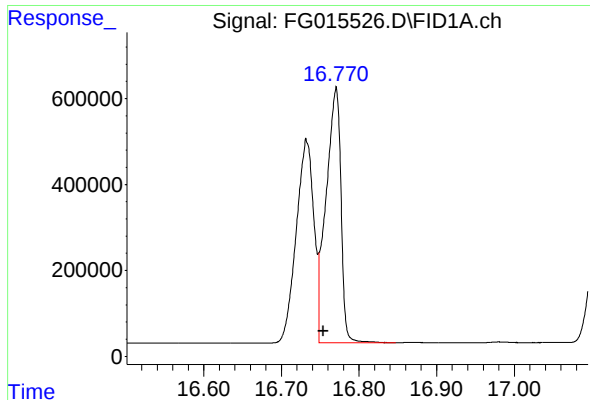
#15 Chrysene (C27.41)

R.T.: 15.214 min
Delta R.T.: 0.013 min
Response: 9067709
Conc: 64.77 ug/ml



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

R.T.: 16.732 min
Delta R.T.: 0.010 min
Response: 7462168
Conc: 56.47 ug/ml



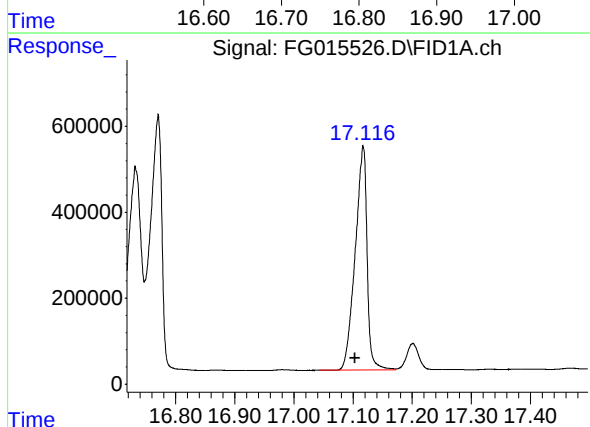
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.770 min
Delta R.T.: 0.016 min
Response: 7941693
Conc: 58.17 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167245BSD

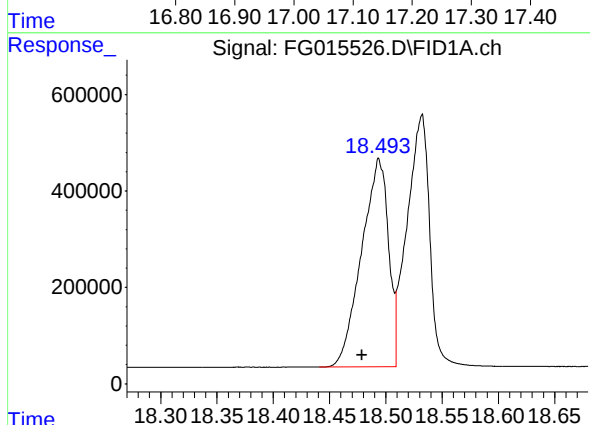
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



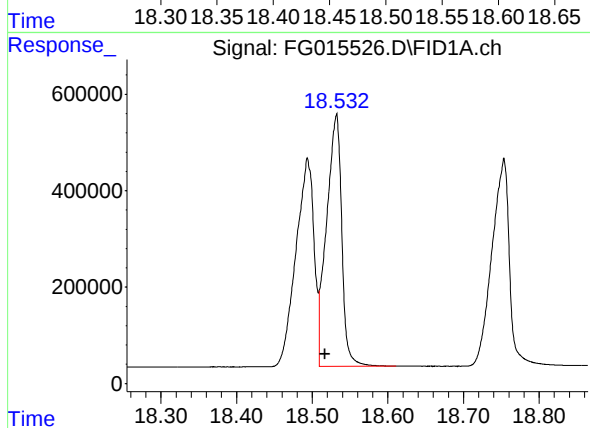
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.117 min
Delta R.T.: 0.013 min
Response: 7283210
Conc: 58.08 ug/ml



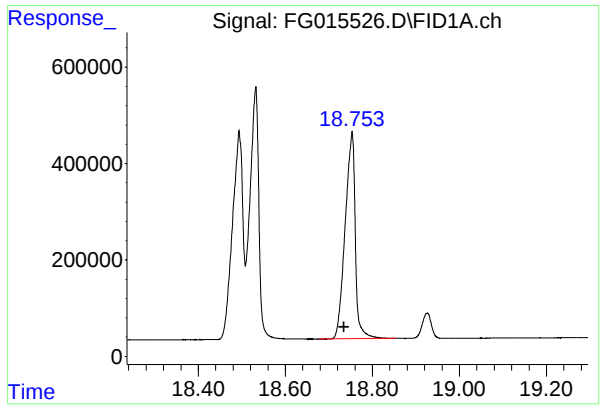
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.494 min
Delta R.T.: 0.015 min
Response: 7174173
Conc: 64.48 ug/ml



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

R.T.: 18.531 min
Delta R.T.: 0.014 min
Response: 7336530
Conc: 57.01 ug/ml



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

R.T.: 18.753 min
Delta R.T.: 0.018 min
Response: 6933830
Conc: 58.03 ug/ml

Instrument :

FID_G

ClientSampleId :

PB167245BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025