

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015575.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 17:28
 Operator : YP\AJ
 Sample : PB167362BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167362BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e
 Quant Time: Mar 29 03:13:11 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...	7.966	6984344	57.176 ug/ml
Spiked Amount 50.000		Recovery =	114.35%
6) S 2-Fluorobiphenyl (SURR)	8.844	4054890	49.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.11%
11) S ortho-Terphenyl (SURR)	11.917	6803874	46.657 ug/ml
Spiked Amount 50.000		Recovery =	93.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	4111903	30.943 ug/ml
2) T Naphthalene (C11.7)	6.233	4918214	36.403 ug/ml
3) T 2-Methylnaphthalene (...)	7.335	4763248	35.709 ug/ml
5) T Acenaphthylene (C15.06)	8.641	5691270	40.184 ug/ml
7) T Acenaphthene (C15.5)	8.943	5759916	42.218 ug/ml
8) T Flouorene (C16.55)	9.736	6103368	43.719 ug/ml
9) T Phenanthrene (C19.36)	11.147	6278124	44.563 ug/ml
10) T Anthracene (C19.43)	11.224	6290971	45.973 ug/ml
12) T Fluoranthene (C21.85)	12.976	6528436	45.780 ug/mlm
13) T Pyrene (C20.8)	13.275	6367918	45.383 ug/ml
14) T Benzo[a]anthracene (C...	15.163	6213561	45.812 ug/ml
15) T Chrysene (C27.41)	15.208	7425796	53.045 ug/ml
16) T benzo[b]fluoranthene ...	16.728	6098053	46.148 ug/ml
17) T Bnezo[k]fluoranthene ...	16.763	6581468	48.203 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	5978965	47.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.490	6131360	55.108 ug/ml
20) T Dibenz[a,h]anthracene...	18.526	6510873	50.597 ug/ml
21) T Benzo[g,h,i]perylene ...	18.747	5969039	49.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
Data File : FG015575.D
Signal(s) : FID1A.ch
Acq On : 28 Mar 2025 17:28
Operator : YP\AJ
Sample : PB167362BSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

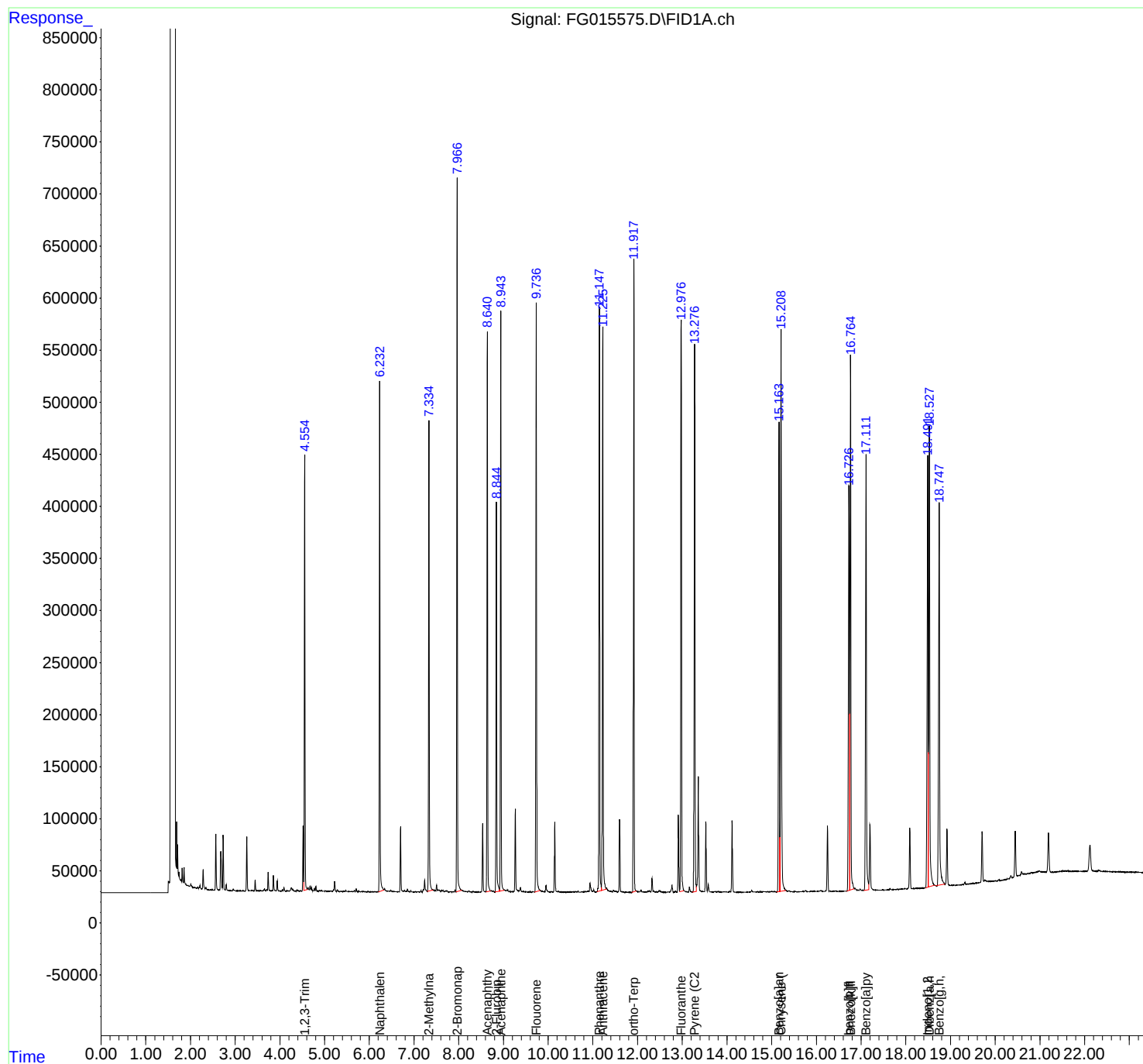
Instrument :
FID_G
ClientSampleId :
PB167362BSD

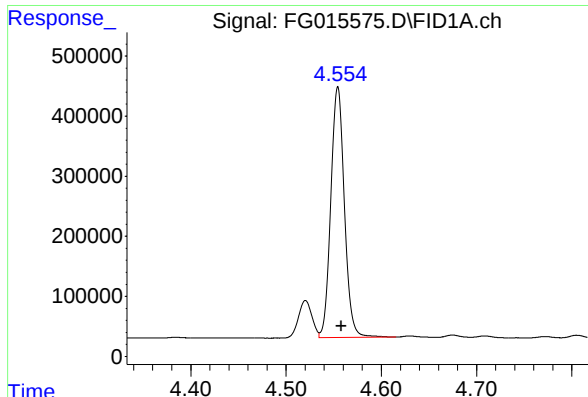
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2025
Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e
Quant Time: Mar 29 03:13:11 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





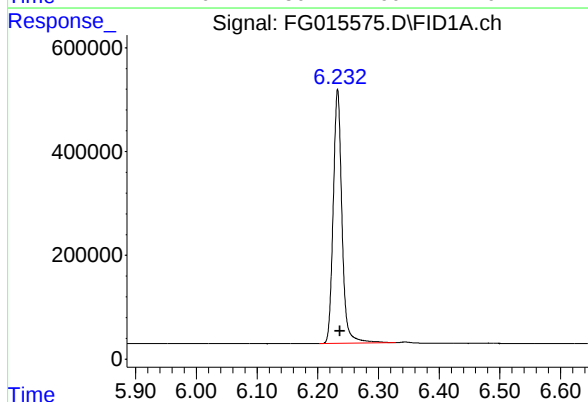
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 4111903
Conc: 30.94 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167362BSD

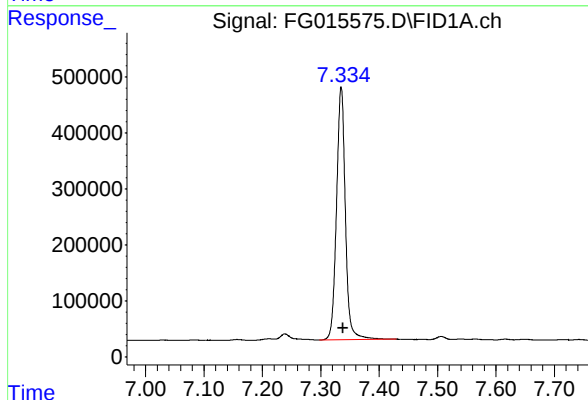
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



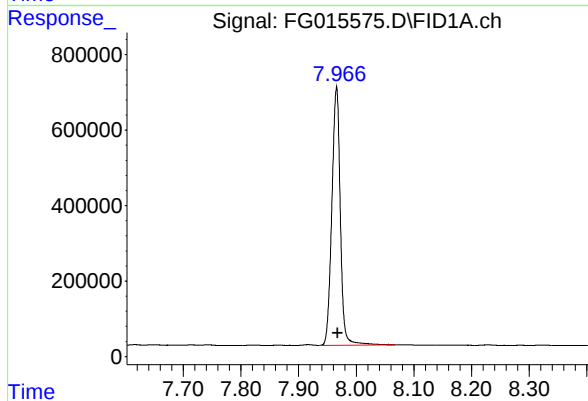
#2 Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 4918214
Conc: 36.40 ug/ml



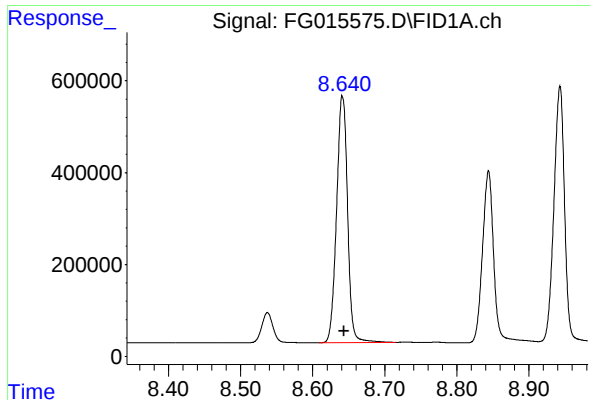
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 4763248
Conc: 35.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 6984344
Conc: 57.18 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.641 min
Delta R.T.: -0.002 min
Response: 5691270
Conc: 40.18 ug/ml

Instrument :

FID_G

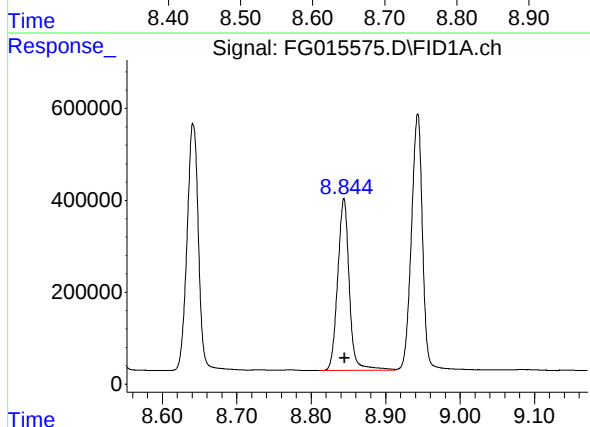
ClientSampleId :

PB167362BSD

Manual Integrations

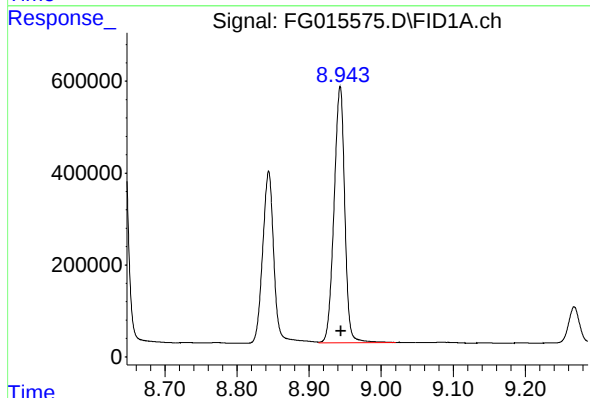
APPROVED

Reviewed By :Yogesh Patel 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



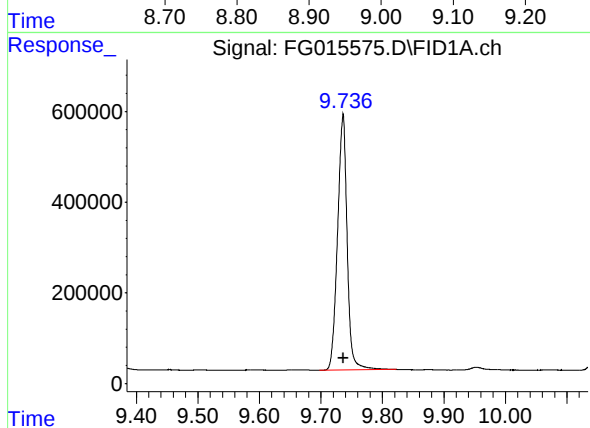
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 4054890
Conc: 49.06 ug/ml



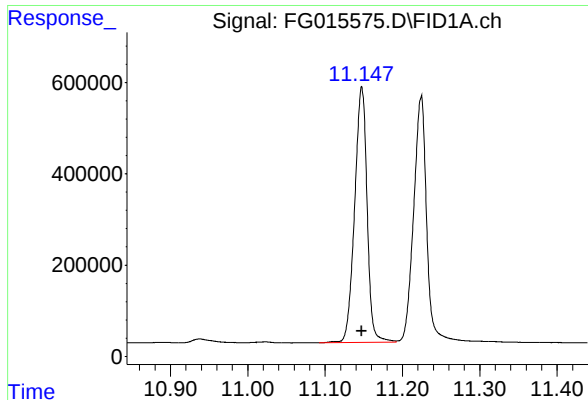
#7 Acenaphthene (C15.5)

R.T.: 8.943 min
Delta R.T.: -0.001 min
Response: 5759916
Conc: 42.22 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 6103368
Conc: 43.72 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 6278124
Conc: 44.56 ug/ml

Instrument :

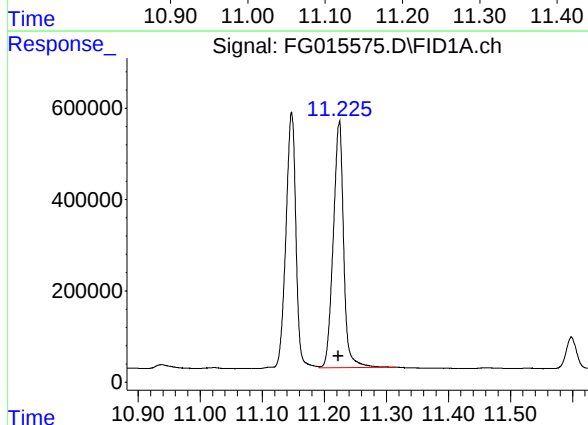
FID_G

ClientSampleId :

PB167362BSD

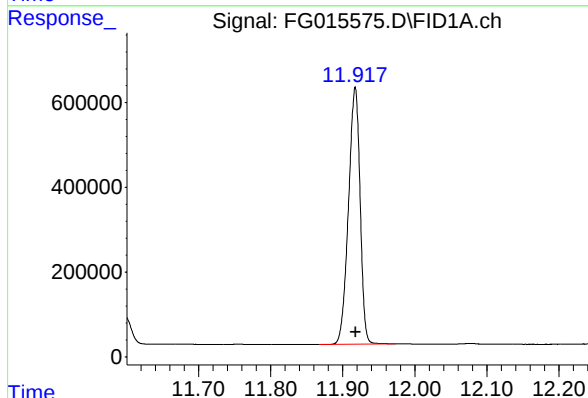
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



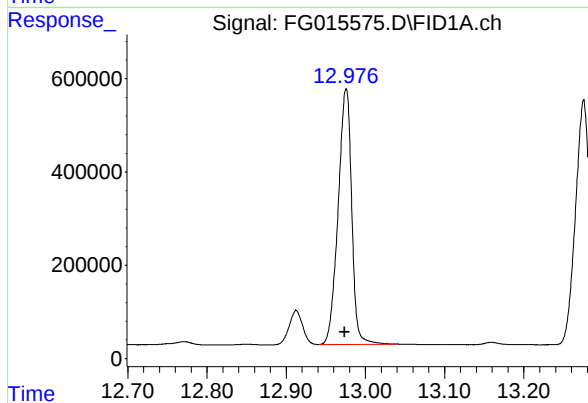
#10 Anthracene (C19.43)

R.T.: 11.224 min
Delta R.T.: 0.001 min
Response: 6290971
Conc: 45.97 ug/ml



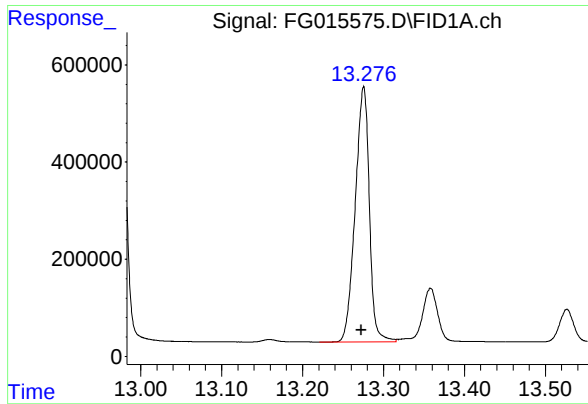
#11 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 6803874
Conc: 46.66 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 6528436
Conc: 45.78 ug/ml m



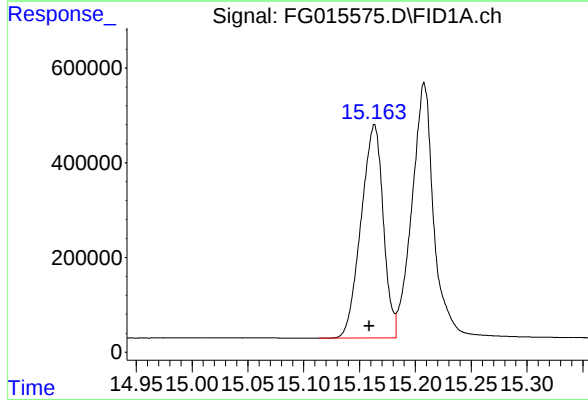
#13 Pyrene (C20.8)

R.T.: 13.275 min
Delta R.T.: 0.003 min
Response: 6367918
Conc: 45.38 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167362BSD

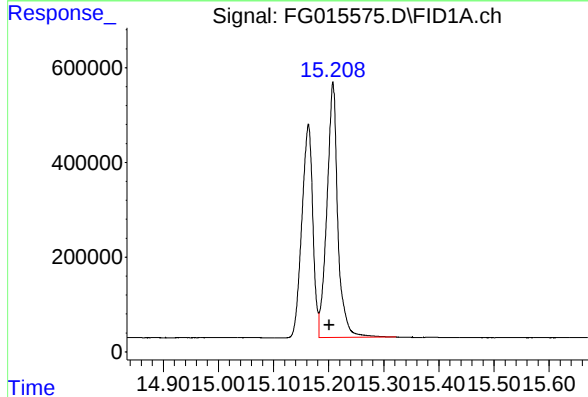
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



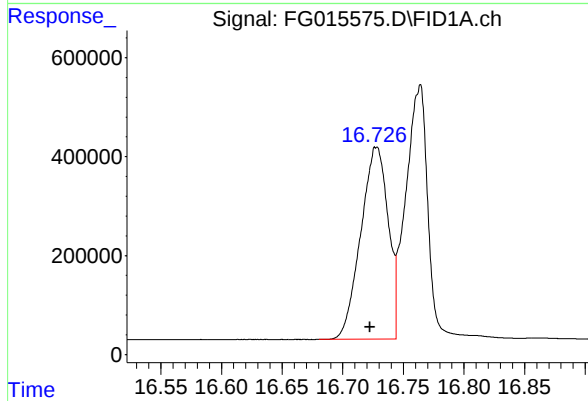
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.163 min
Delta R.T.: 0.004 min
Response: 6213561
Conc: 45.81 ug/ml



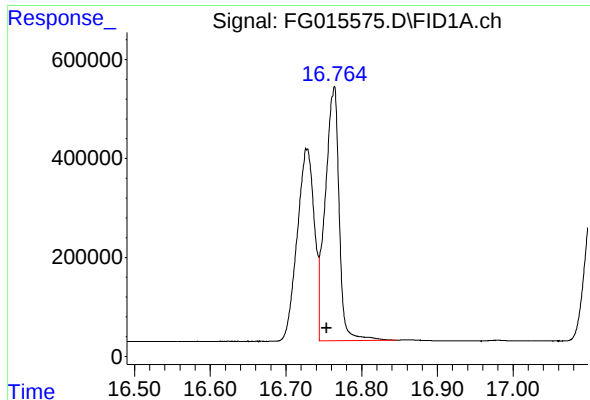
#15 Chrysene (C27.41)

R.T.: 15.208 min
Delta R.T.: 0.007 min
Response: 7425796
Conc: 53.04 ug/ml



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

R.T.: 16.728 min
Delta R.T.: 0.005 min
Response: 6098053
Conc: 46.15 ug/ml



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

R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 6581468
Conc: 48.20 ug/ml

Instrument :

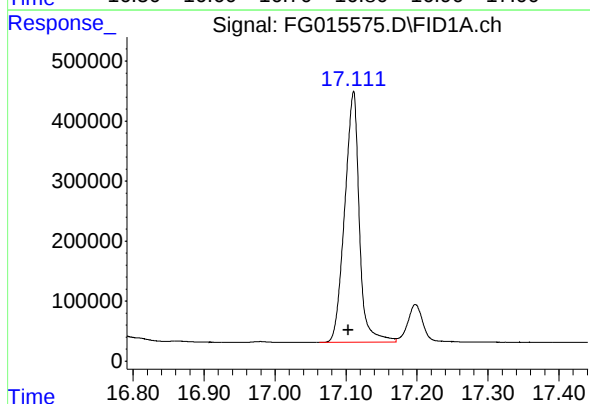
FID_G

ClientSampleId :

PB167362BSD

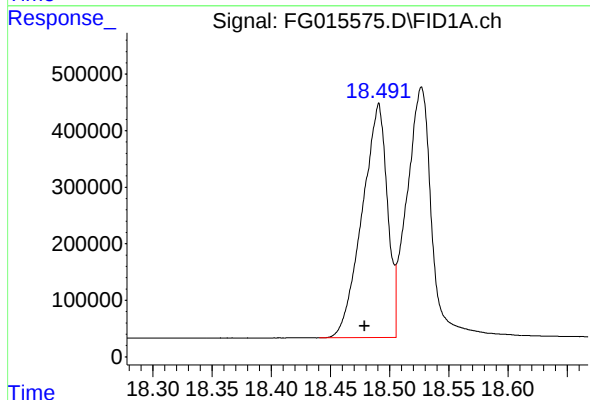
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



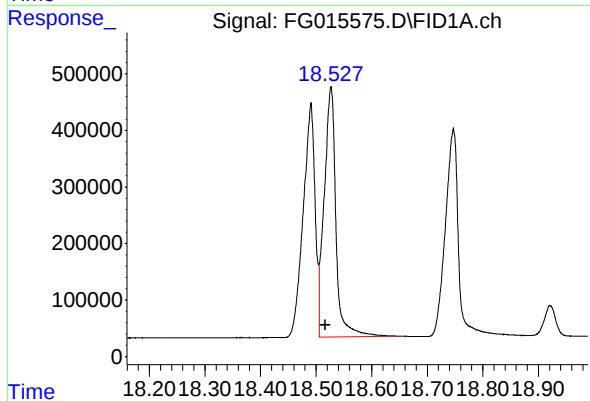
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: 0.007 min
Response: 5978965
Conc: 47.68 ug/ml



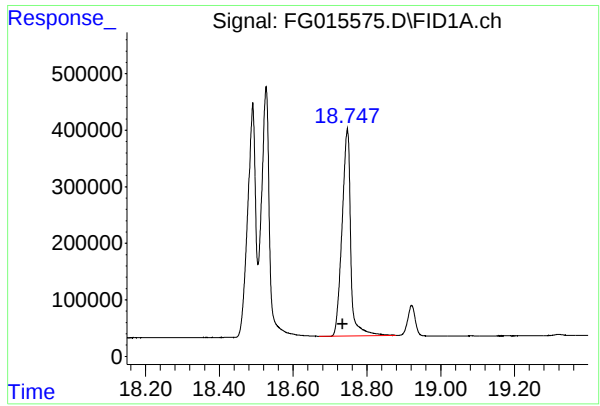
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.490 min
Delta R.T.: 0.011 min
Response: 6131360
Conc: 55.11 ug/ml



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

R.T.: 18.526 min
Delta R.T.: 0.010 min
Response: 6510873
Conc: 50.60 ug/ml



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

R.T.: 18.747 min
Delta R.T.: 0.012 min
Response: 5969039
Conc: 49.95 ug/ml

Instrument :

FID_G

ClientSampleId :

PB167362BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/31/2025

Supervised By :mohammad ahmed 04/01/2025