

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015635.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 19:43
 Operator : YP\AJ
 Sample : Q1488-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e

Quant Time: Mar 11 03:24:37 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M

Quant Title : GC Extractables

QLast Update : Wed Feb 26 12:36:06 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...	7.997	6125678	52.619 ug/ml
Spiked Amount 50.000		Recovery =	105.24%
6) S 2-Fluorobiphenyl (SURR)	8.875	3708178	52.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.12%
11) S ortho-Terphenyl (SURR)	11.934	4585479	31.172 ug/ml
Spiked Amount 50.000		Recovery =	62.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	4111239	31.846 ug/ml
2) T Naphthalene (C11.7)	6.275	4526606	35.468 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	4432188	35.004 ug/ml
5) T Acenaphthylene (C15.06)	8.673	5277450	37.335 ug/ml
7) T Acenaphthene (C15.5)	8.971	5794370	40.683 ug/ml
8) T Flouorene (C16.55)	9.762	5723946	43.017 ug/ml
9) T Phenanthrene (C19.36)	11.170	5935463	45.631 ug/ml
10) T Anthracene (C19.43)	11.245	5909263	47.179 ug/ml
12) T Fluoranthene (C21.85)	12.993	6241118	44.194 ug/ml
13) T Pyrene (C20.8)	13.292	6164085	42.876 ug/ml
14) T Benzo[a]anthracene (C...	15.177	5614385	47.796 ug/ml
15) T Chrysene (C27.41)	15.220	6749937	45.192 ug/ml
16) T benzo[b]fluoranthene ...	16.739	5614781	43.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	5987374	40.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	5198895	40.966 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.498	4934634	48.211 ug/mlm
20) T Dibenz[a,h]anthracene...	18.531	5179421	40.058 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	5263590	42.298 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
Data File : FF015635.D
Signal(s) : FID2B.ch
Acq On : 10 Mar 2025 19:43
Operator : YP\AJ
Sample : Q1488-01MSD
Misc :
ALS Vial : 77 Sample Multiplier: 1

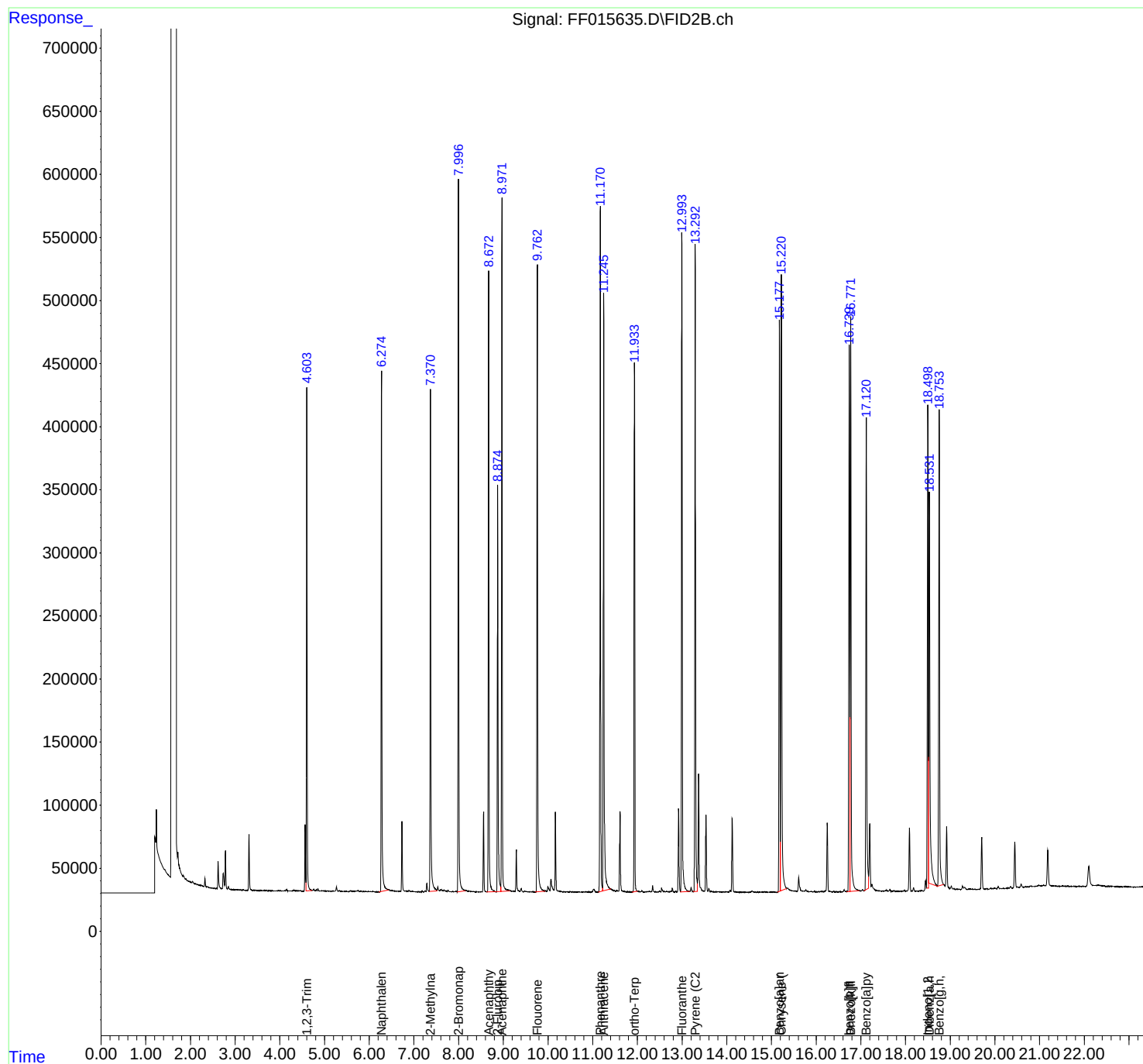
Instrument :
FID_F
ClientSampleId :
ENV-101-SB01MSD

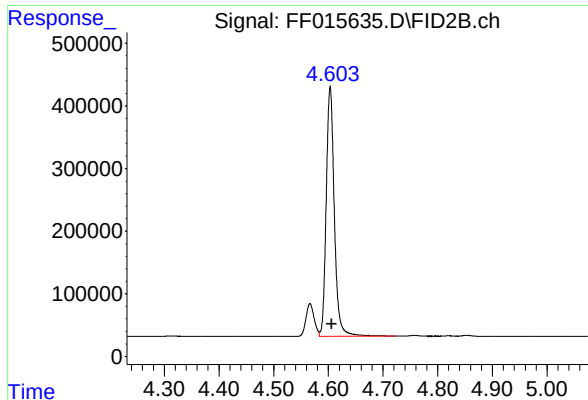
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025

Integration File: autoint1.e
Quant Time: Mar 11 03:24:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
Quant Title : GC Extractables
QLast Update : Wed Feb 26 12:36:06 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.: 4.603 min
Delta R.T.: -0.003 min
Response: 4111239
Conc: 31.85 ug/ml

Instrument :

FID_F

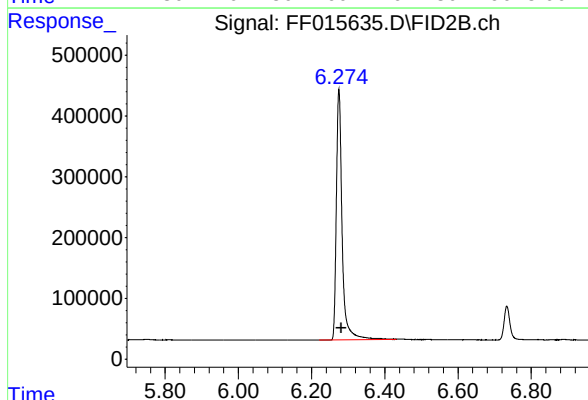
ClientSampleId :

ENV-101-SB01MSD

Manual Integrations

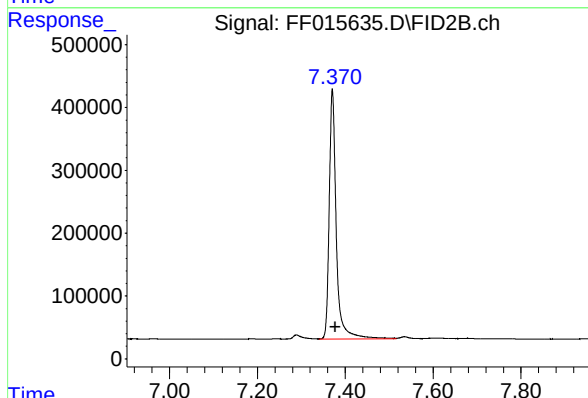
APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



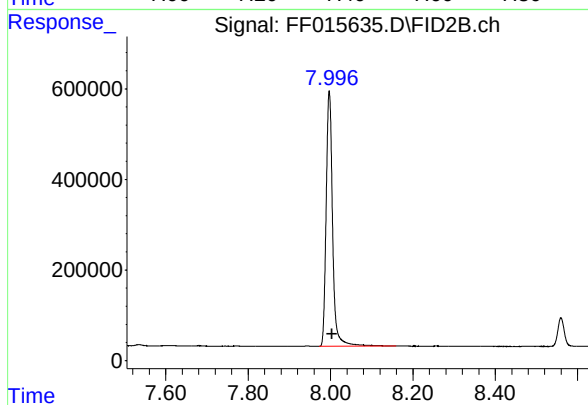
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 4526606
Conc: 35.47 ug/ml



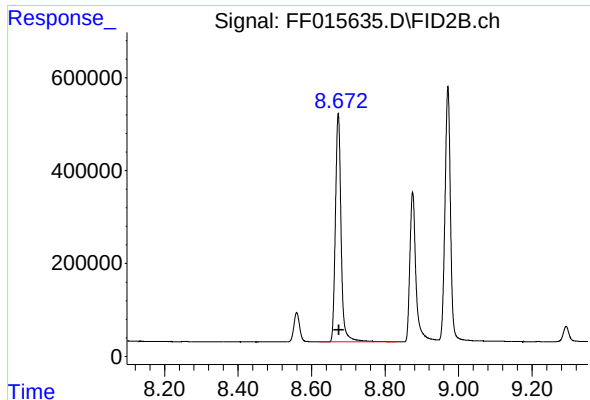
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 4432188
Conc: 35.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 6125678
Conc: 52.62 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.673 min
Delta R.T.: -0.002 min
Response: 5277450
Conc: 37.33 ug/ml

Instrument :

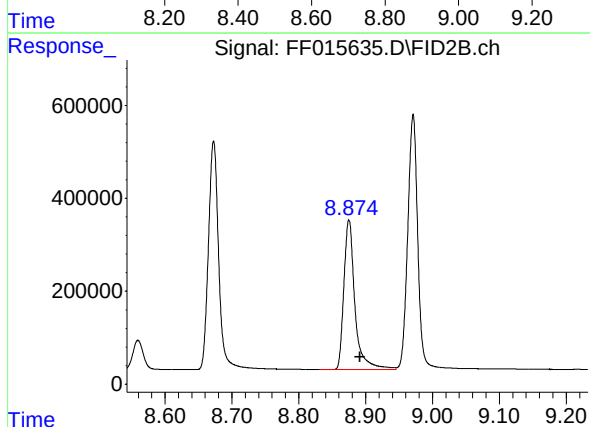
FID_F

ClientSampleId :

ENV-101-SB01MSD

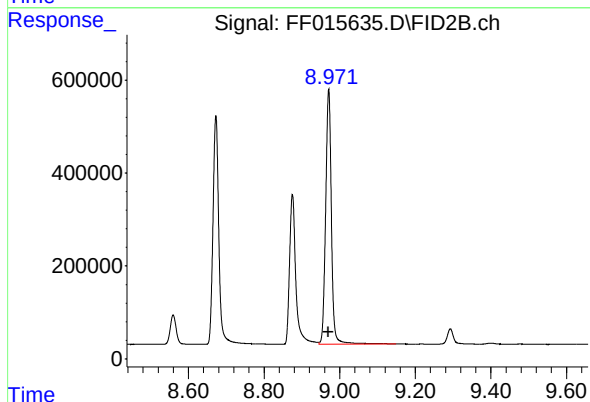
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



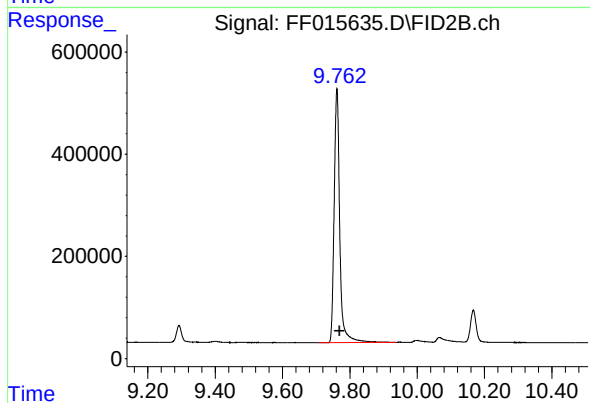
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: -0.017 min
Response: 3708178
Conc: 52.06 ug/ml



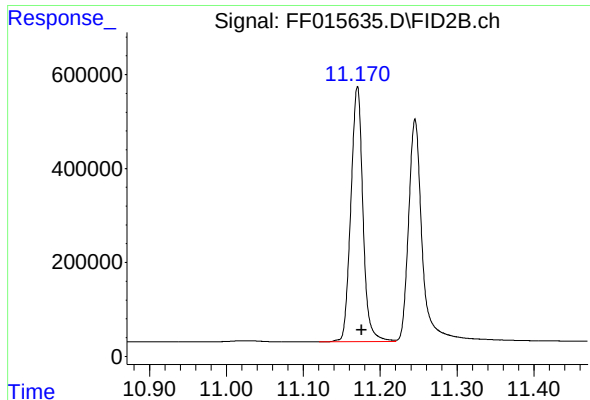
#7 Acenaphthene (C15.5)

R.T.: 8.971 min
Delta R.T.: 0.001 min
Response: 5794370
Conc: 40.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.762 min
Delta R.T.: -0.008 min
Response: 5723946
Conc: 43.02 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.170 min
Delta R.T.: -0.006 min
Response: 5935463
Conc: 45.63 ug/ml

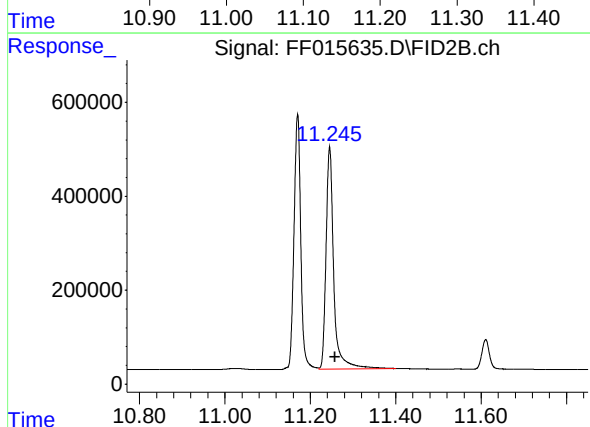
Instrument :

FID_F

ClientSampleId :
ENV-101-SB01MSD

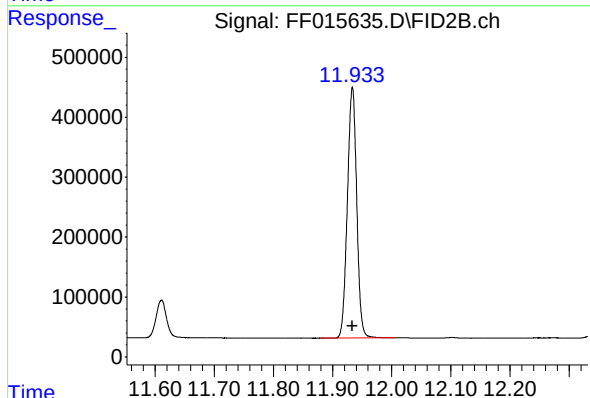
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



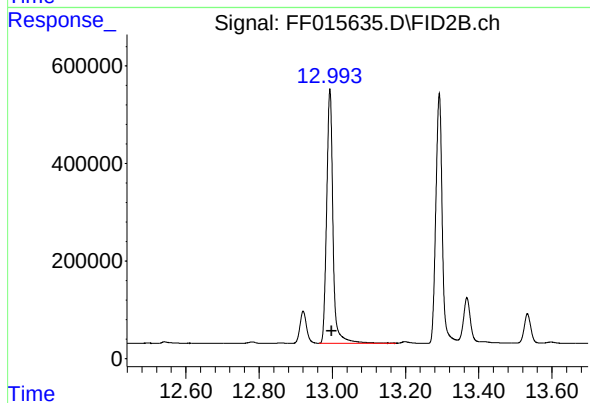
#10 Anthracene (C19.43)

R.T.: 11.245 min
Delta R.T.: -0.013 min
Response: 5909263
Conc: 47.18 ug/ml



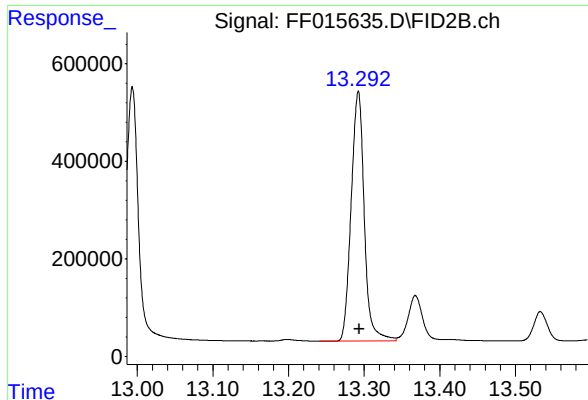
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 4585479
Conc: 31.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.993 min
Delta R.T.: -0.005 min
Response: 6241118
Conc: 44.19 ug/ml



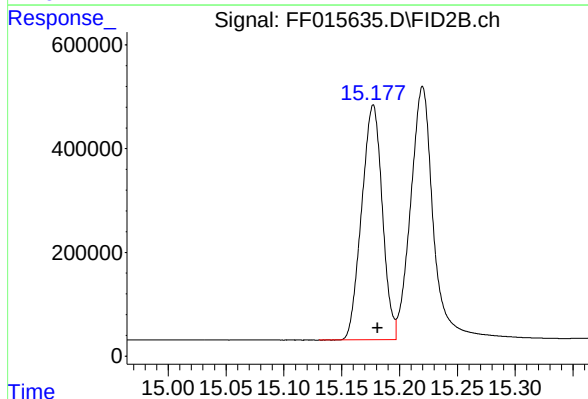
#13 Pyrene (C20.8)

R.T.: 13.292 min
Delta R.T.: -0.002 min
Response: 6164085
Conc: 42.88 ug/ml

Instrument :
FID_F
ClientSampleId :
ENV-101-SB01MSD

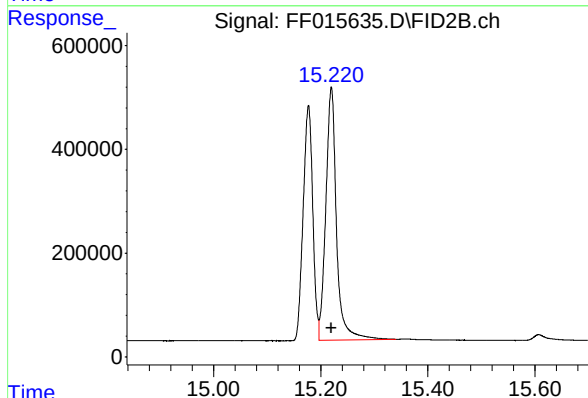
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



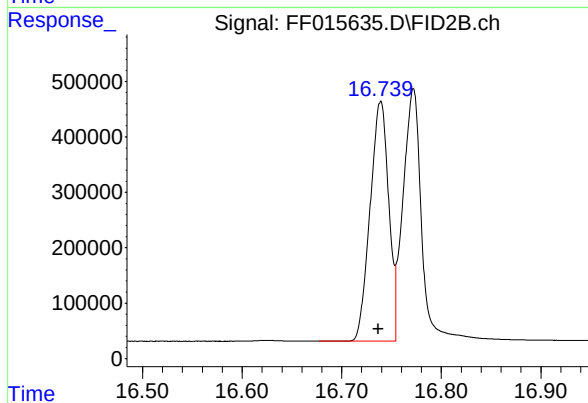
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.177 min
Delta R.T.: -0.004 min
Response: 5614385
Conc: 47.80 ug/ml



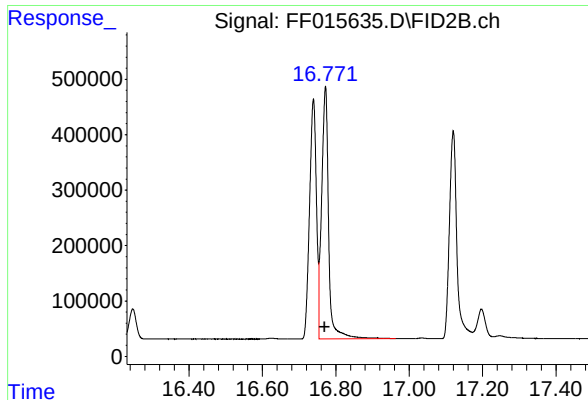
#15 Chrysene (C27.41)

R.T.: 15.220 min
Delta R.T.: 0.000 min
Response: 6749937
Conc: 45.19 ug/ml



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

R.T.: 16.739 min
Delta R.T.: 0.002 min
Response: 5614781
Conc: 43.11 ug/ml



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

R.T.: 16.772 min
Delta R.T.: 0.002 min
Response: 5987374
Conc: 40.13 ug/ml

Instrument :

FID_F

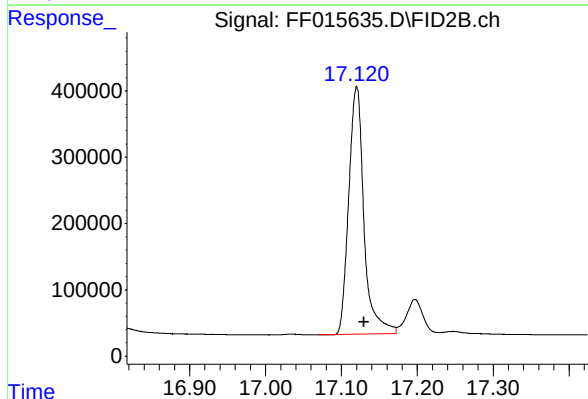
ClientSampleId :

ENV-101-SB01MSD

Manual Integrations

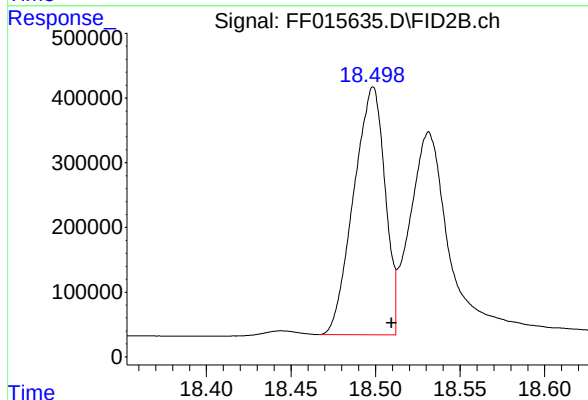
APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



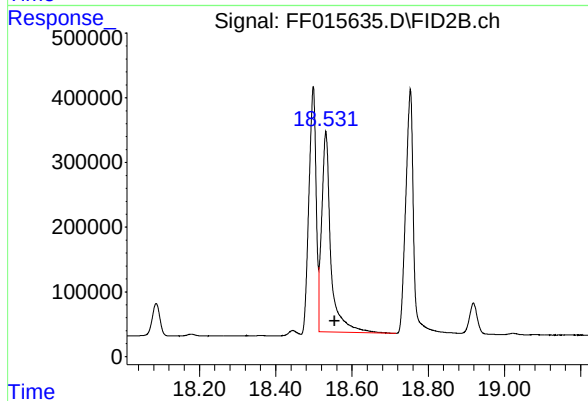
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.120 min
Delta R.T.: -0.010 min
Response: 5198895
Conc: 40.97 ug/ml



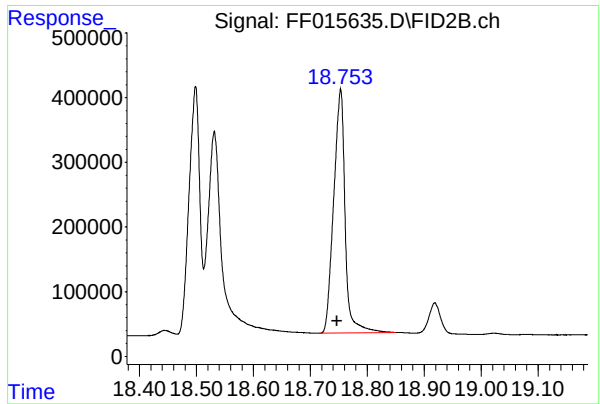
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.498 min
Delta R.T.: -0.011 min
Response: 4934634
Conc: 48.21 ug/ml m



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

R.T.: 18.531 min
Delta R.T.: -0.024 min
Response: 5179421
Conc: 40.06 ug/ml



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

R.T.: 18.753 min
Delta R.T.: 0.006 min
Response: 5263590
Conc: 42.30 ug/ml

Instrument :

FID_F

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025