

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092225AR\
 Data File : FF016423.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 16:11
 Operator : YP\AJ
 Sample : PB169763BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB169763BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2025
 Supervised By :mohammad ahmed 09/24/2025

Integration File: autoint1.e
 Quant Time: Sep 23 01:26:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.035	5715583	47.810 ug/ml
Spiked Amount 50.000		Recovery =	95.62%
6) S 2-Fluorobiphenyl (SURR)	8.913	3913398	47.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.51%
11) S ortho-Terphenyl (SURR)	11.981	5955169	41.062 ug/ml
Spiked Amount 50.000		Recovery =	82.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.626	4811905	37.133 ug/ml
2) T Naphthalene (C11.7)	6.305	5667099	41.426 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	5773252	41.280 ug/ml
5) T Acenaphthylene (C15.06)	8.714	6887280	49.055 ug/ml
7) T Acenaphthene (C15.5)	9.015	7042947	50.249 ug/ml
8) T Flouorene (C16.55)	9.805	7491322	53.613 ug/ml
9) T Phenanthrene (C19.36)	11.215	7739247	54.887 ug/ml
10) T Anthracene (C19.43)	11.291	7666132	55.444 ug/ml
12) T Fluoranthene (C21.85)	13.042	7706570	54.633 ug/ml
13) T Pyrene (C20.8)	13.341	7695501	54.986 ug/ml
14) T Benzo[a]anthracene (C...	15.226	7352621	55.595 ug/ml
15) T Chrysene (C27.41)	15.272	8382212	61.494 ug/ml
16) T benzo[b]fluoranthene ...	16.791	7081842	54.342 ug/ml
17) T Bnezo[k]fluoranthene ...	16.828	7053093	56.379 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.174	6898045	53.976 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.554	7608231	66.600 ug/ml
20) T Dibenz[a,h]anthracene...	18.592	6775689	53.980 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.813	6800674	55.147 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092225AR\
Data File : FF016423.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2025 16:11
Operator : YP\AJ
Sample : PB169763BSD
Misc :
ALS Vial : 44 Sample Multiplier: 1

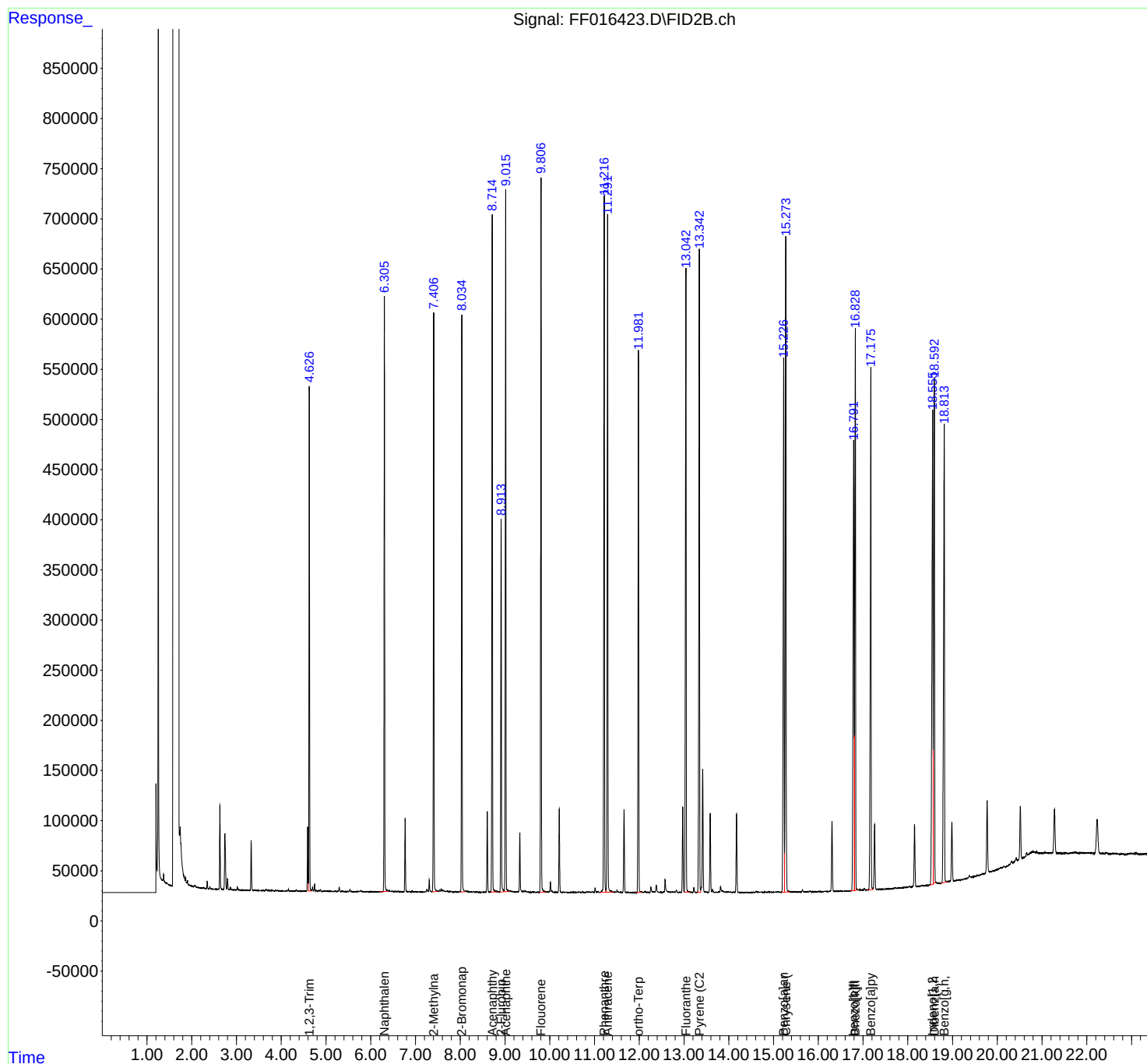
Instrument :
FID_F
ClientSampleId :
PB169763BSD

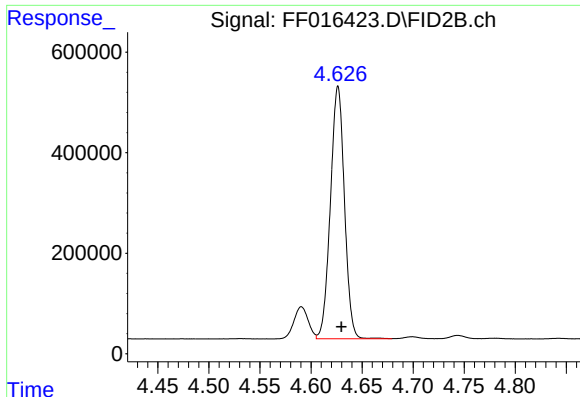
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025

Integration File: autoint1.e
Quant Time: Sep 23 01:26:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
Quant Title : GC Extractables
QLast Update : Fri Aug 29 09:10:12 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.: 4.626 min
Delta R.T.: -0.004 min
Response: 4811905
Conc: 37.13 ug/ml

Instrument :

FID_F

ClientSampleId :

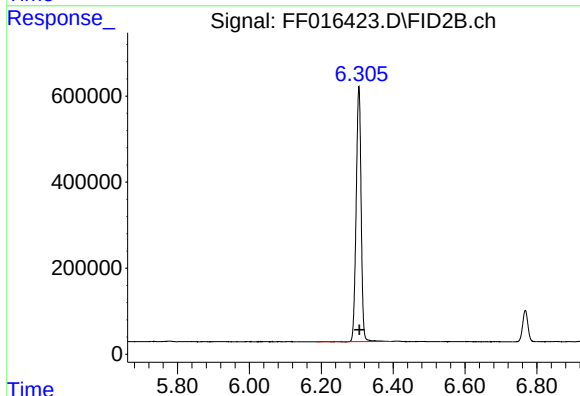
PB169763BSD

Manual Integrations

APPROVED

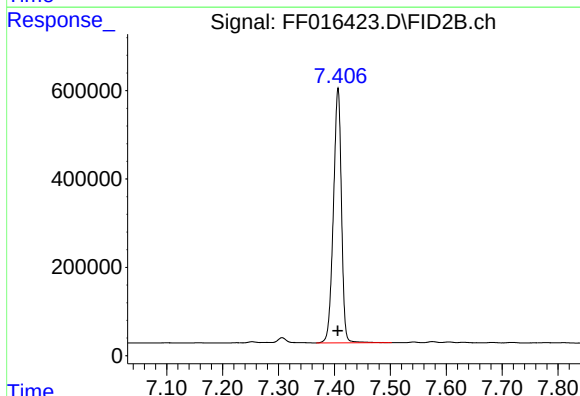
Reviewed By :Yogesh Patel 09/23/2025

Supervised By :mohammad ahmed 09/24/2025



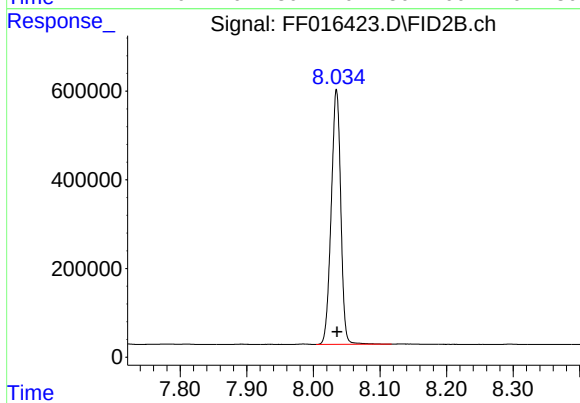
#2 Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.002 min
Response: 5667099
Conc: 41.43 ug/ml



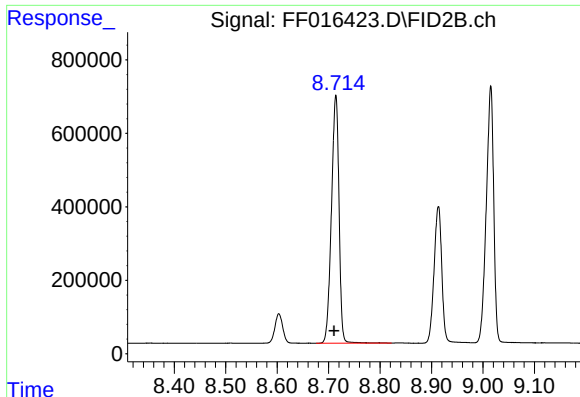
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 5773252
Conc: 41.28 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.035 min
Delta R.T.: -0.001 min
Response: 5715583
Conc: 47.81 ug/ml



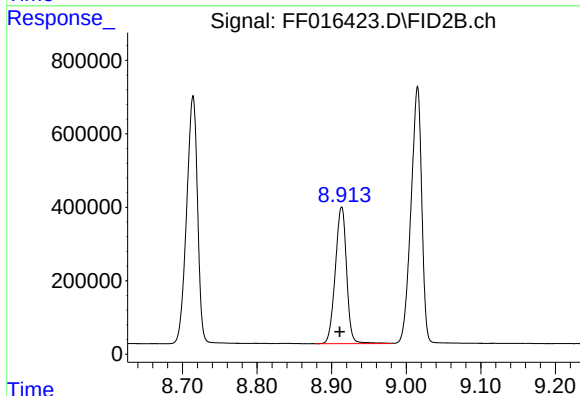
#5 Acenaphthylene (C15.06)

R.T.: 8.714 min
Delta R.T.: 0.003 min
Response: 6887280
Conc: 49.05 ug/ml

Instrument :
FID_F
ClientSampleId :
PB169763BSD

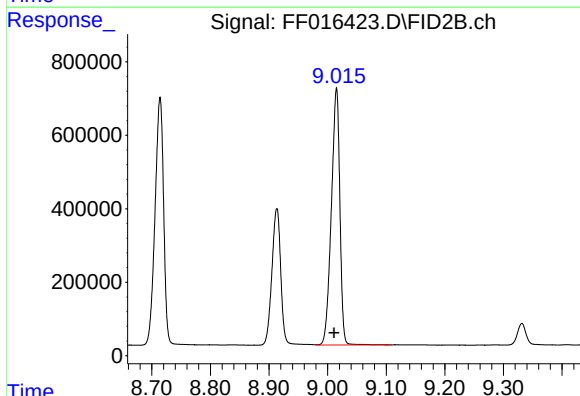
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



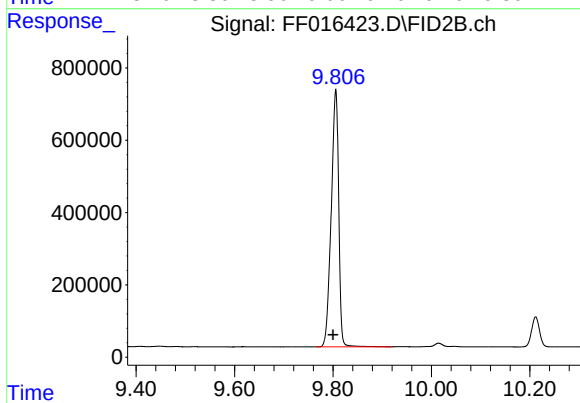
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.913 min
Delta R.T.: 0.003 min
Response: 3913398
Conc: 47.26 ug/ml



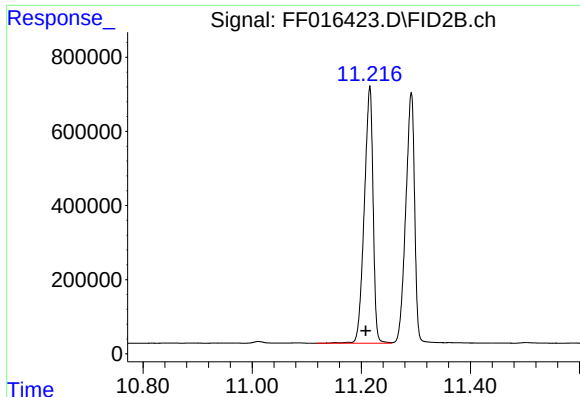
#7 Acenaphthene (C15.5)

R.T.: 9.015 min
Delta R.T.: 0.004 min
Response: 7042947
Conc: 50.25 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.805 min
Delta R.T.: 0.005 min
Response: 7491322
Conc: 53.61 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.215 min
Delta R.T.: 0.007 min
Response: 7739247
Conc: 54.89 ug/ml

Instrument :

FID_F

ClientSampleId :

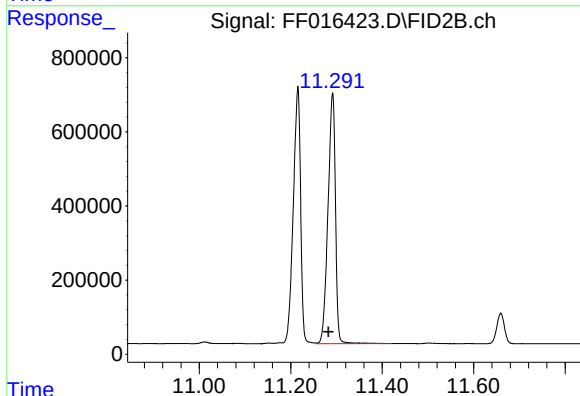
PB169763BSD

Manual Integrations

APPROVED

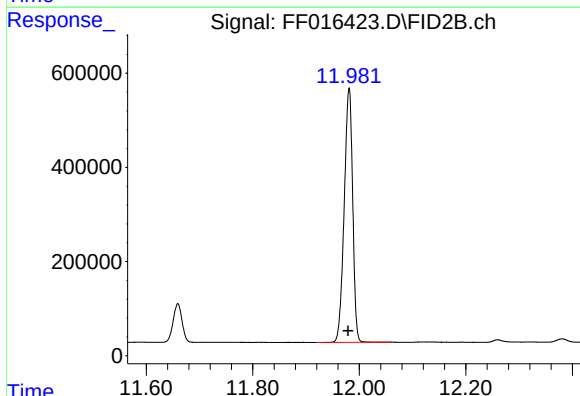
Reviewed By :Yogesh Patel 09/23/2025

Supervised By :mohammad ahmed 09/24/2025



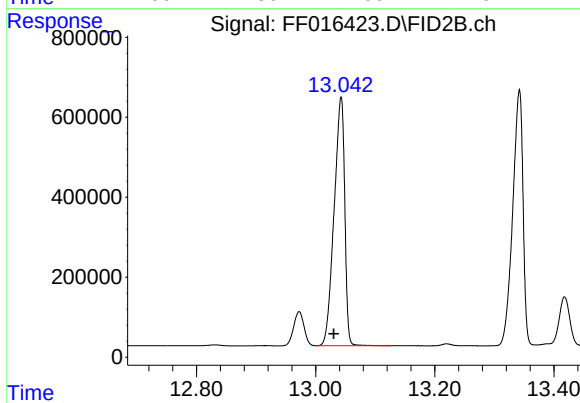
#10 Anthracene (C19.43)

R.T.: 11.291 min
Delta R.T.: 0.009 min
Response: 7666132
Conc: 55.44 ug/ml



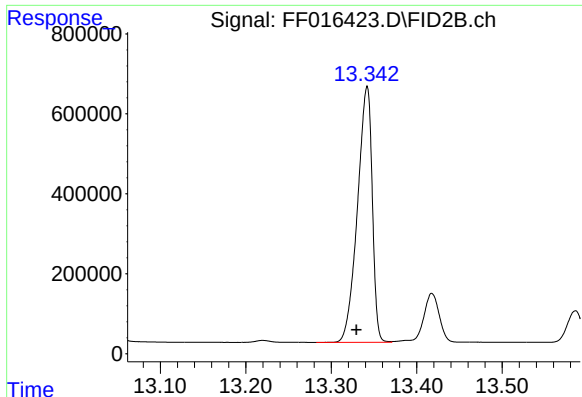
#11 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.002 min
Response: 5955169
Conc: 41.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.042 min
Delta R.T.: 0.011 min
Response: 7706570
Conc: 54.63 ug/ml



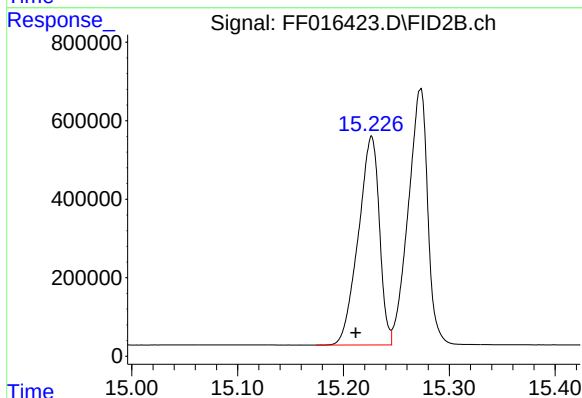
#13 Pyrene (C20.8)

R.T.: 13.341 min
Delta R.T.: 0.012 min
Response: 7695501
Conc: 54.99 ug/ml

Instrument :
FID_F
ClientSampleId :
PB169763BSD

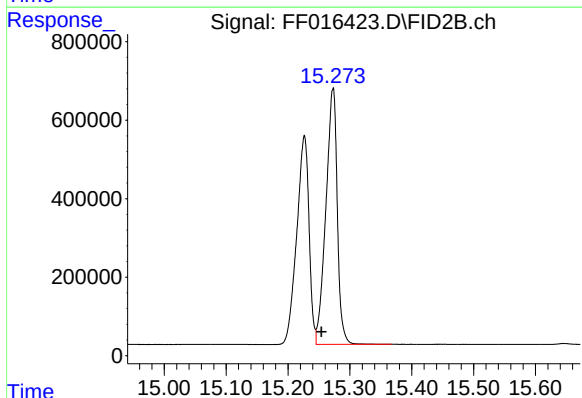
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



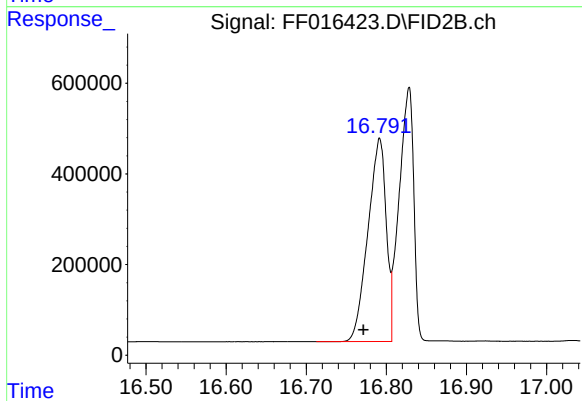
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.226 min
Delta R.T.: 0.015 min
Response: 7352621
Conc: 55.60 ug/ml



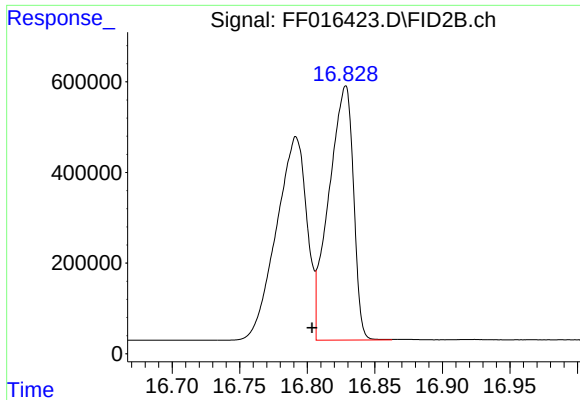
#15 Chrysene (C27.41)

R.T.: 15.272 min
Delta R.T.: 0.018 min
Response: 8382212
Conc: 61.49 ug/ml



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

R.T.: 16.791 min
Delta R.T.: 0.020 min
Response: 7081842
Conc: 54.34 ug/ml



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

R.T.: 16.828 min
Delta R.T.: 0.025 min
Response: 7053093
Conc: 56.38 ug/ml

Instrument :

FID_F

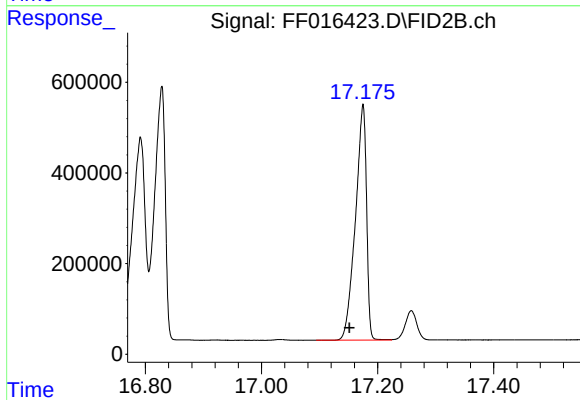
ClientSampleId :

PB169763BSD

Manual Integrations

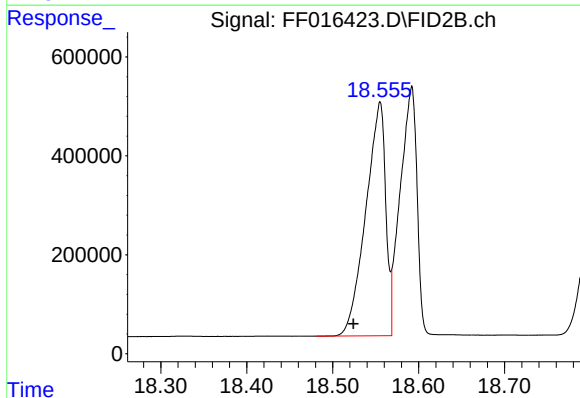
APPROVED

Reviewed By :Yogesh Patel 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



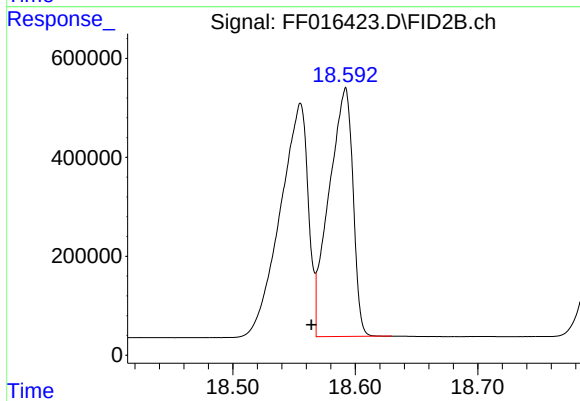
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.174 min
Delta R.T.: 0.023 min
Response: 6898045
Conc: 53.98 ug/ml



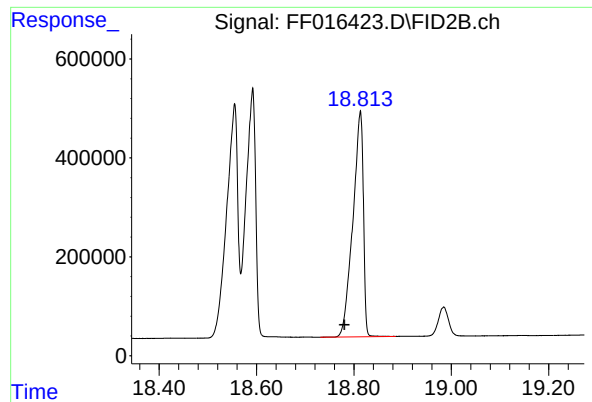
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.554 min
Delta R.T.: 0.030 min
Response: 7608231
Conc: 66.60 ug/ml



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

R.T.: 18.592 min
Delta R.T.: 0.028 min
Response: 6775689
Conc: 53.98 ug/ml m



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

R.T.: 18.813 min
Delta R.T.: 0.032 min
Response: 6800674
Conc: 55.15 ug/ml

Instrument :

FID_F

ClientSampleId :

PB169763BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/23/2025

Supervised By :mohammad ahmed 09/24/2025