

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049556.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 20:39
 Operator : YP/AJ
 Sample : Q2600-05MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
 Quant Time: Jul 17 07:17:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.736	5568436	42.561 ug/ml
Spiked Amount 50.000		Recovery =	85.12%
6) S 2-Fluorobiphenyl (SURR)	8.602	3715464	40.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.19%
11) S ortho-Terphenyl (SURR)	11.647	5931047	36.172 ug/ml
Spiked Amount 50.000		Recovery =	72.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	4446192	34.416 ug/ml
2) T Naphthalene (C11.7)	6.074	5984716	40.891 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	6656257	43.831 ug/ml
5) T Acenaphthylene (C15.06)	8.407	7578873	47.746 ug/ml
7) T Acenaphthene (C15.5)	8.704	7586453	47.916 ug/ml
8) T Flouorene (C16.55)	9.485	8013744	50.166 ug/ml
9) T Phenanthrene (C19.36)	10.884	8362237	51.050 ug/ml
10) T Anthracene (C19.43)	10.960	8160445	51.229 ug/ml
12) T Fluoranthene (C21.85)	12.700	8206910	50.491 ug/mlm
13) T Pyrene (C20.8)	13.000	8334336	51.354 ug/ml
14) T Benzo[a]anthracene (C...	14.872	7924129	54.108 ug/mlm
15) T Chrysene (C27.41)	14.917	8765976	58.901 ug/mlm
16) T benzo[b]fluoranthene ...	16.426	7492226	52.878 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	7229852	54.082 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.806	7166777	52.054 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.172	7432163	59.340 ug/ml
20) T Dibenz[a,h]anthracene...	18.209	6758546	51.302 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.428	6580531	49.723 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
Data File : FD049556.D
Signal(s) : FID2B.ch
Acq On : 16 Jul 2025 20:39
Operator : YP/AJ
Sample : Q2600-05MSD
Misc :
ALS Vial : 68 Sample Multiplier: 1

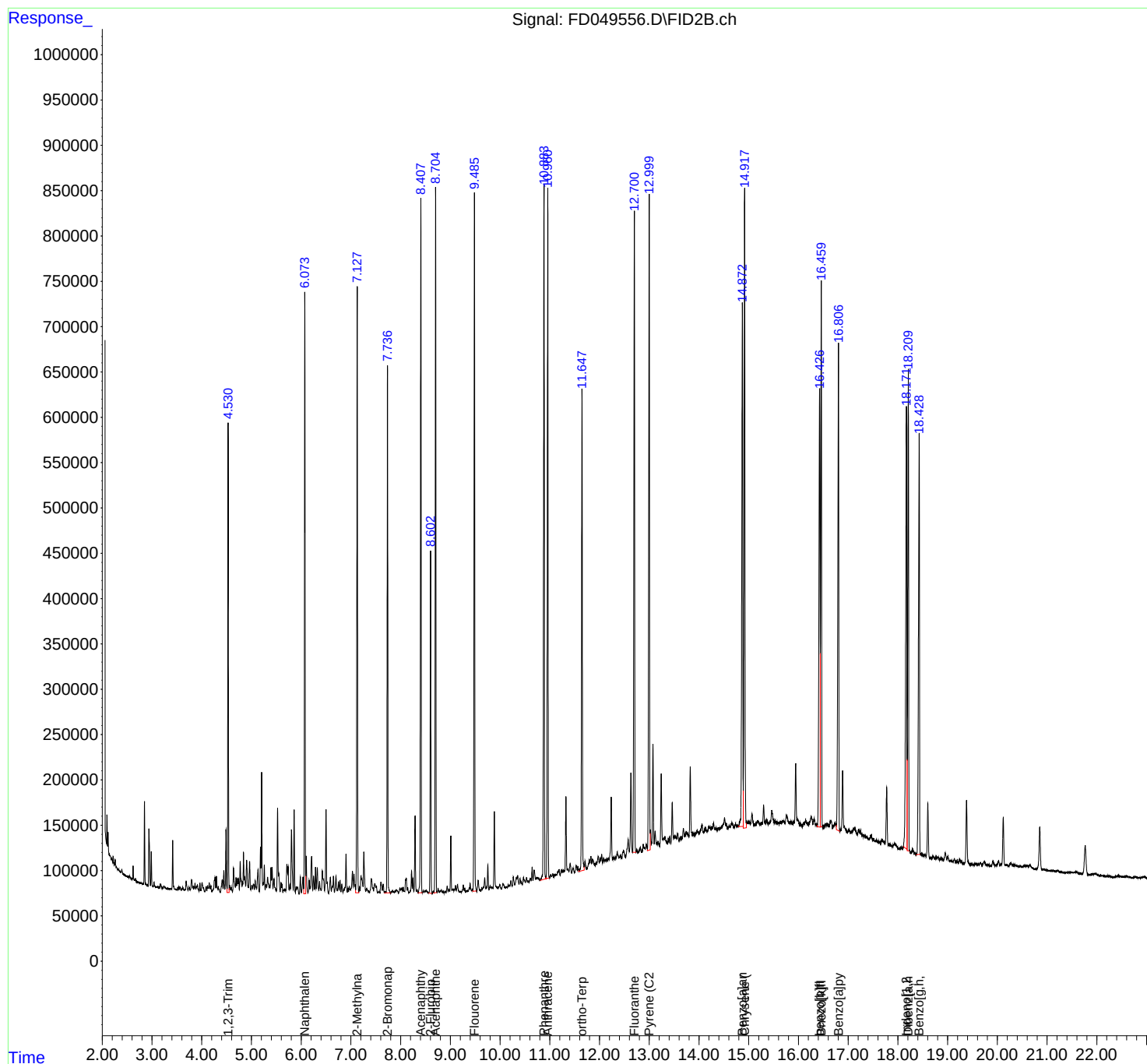
Instrument :
FID_D
ClientSampleId :
STOCK-PILEMSD

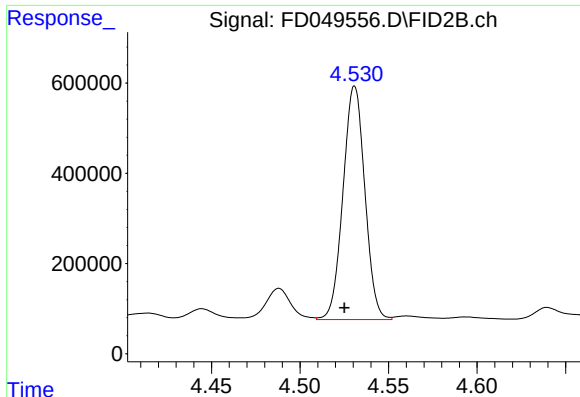
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
Quant Time: Jul 17 07:17:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:32:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





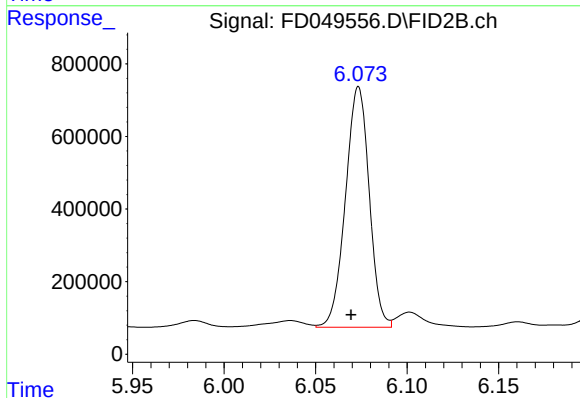
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 4446192
Conc: 34.42 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCK-PILEMSD

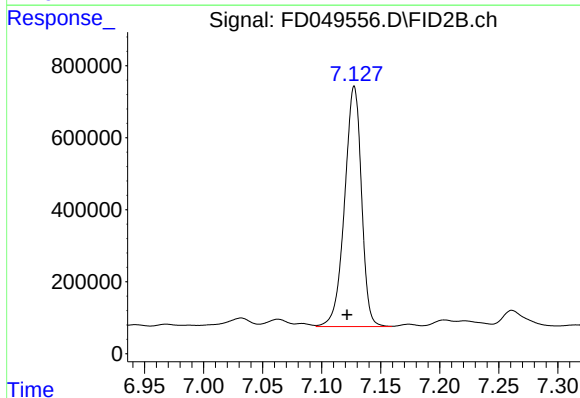
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



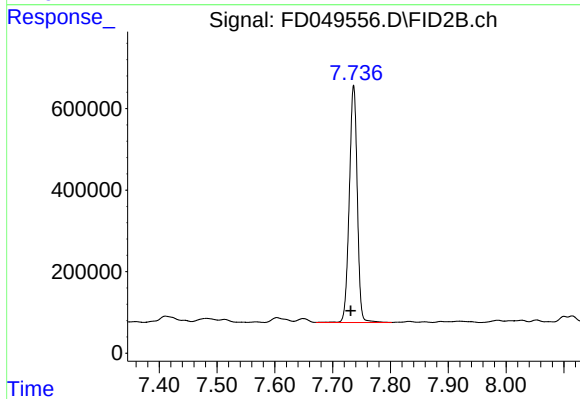
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.004 min
Response: 5984716
Conc: 40.89 ug/ml



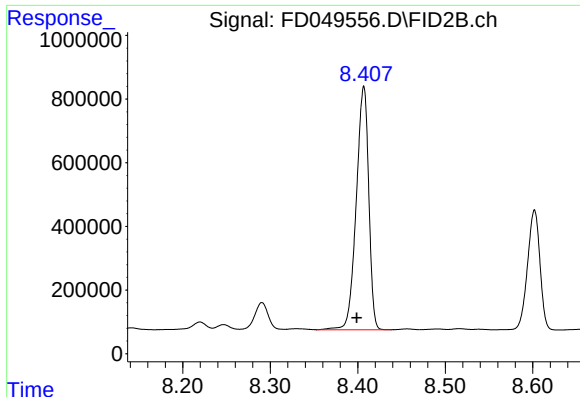
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.006 min
Response: 6656257
Conc: 43.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.736 min
Delta R.T.: 0.005 min
Response: 5568436
Conc: 42.56 ug/ml



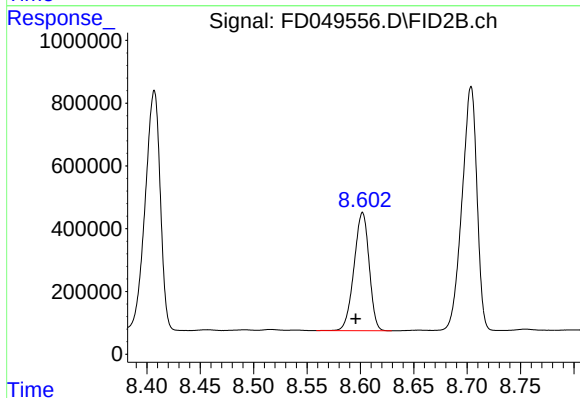
#5 Acenaphthylene (C15.06)

R.T.: 8.407 min
Delta R.T.: 0.008 min
Response: 7578873
Conc: 47.75 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCK-PILEMSD

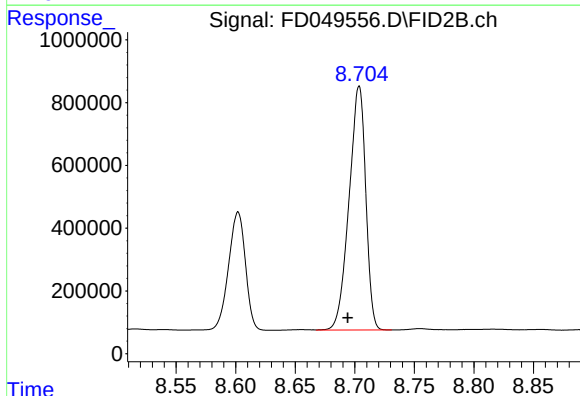
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



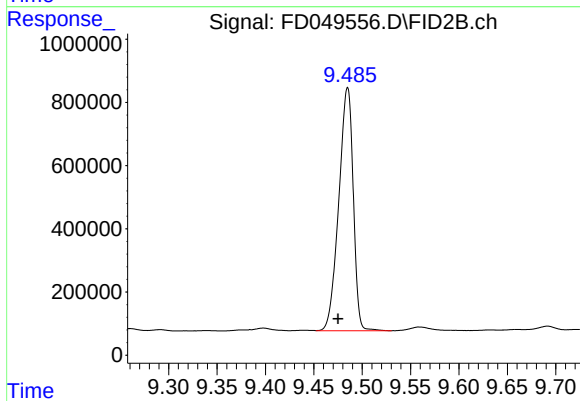
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: 0.006 min
Response: 3715464
Conc: 40.10 ug/ml



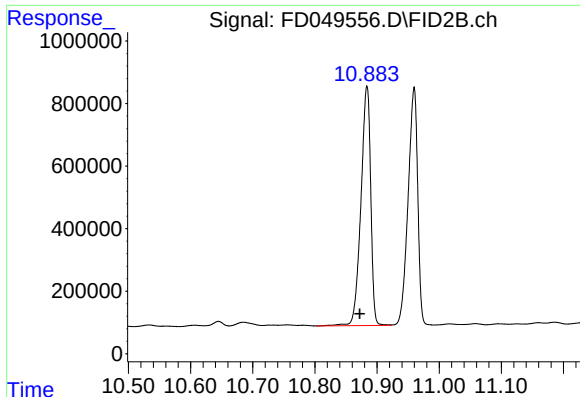
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.010 min
Response: 7586453
Conc: 47.92 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.485 min
Delta R.T.: 0.010 min
Response: 8013744
Conc: 50.17 ug/ml



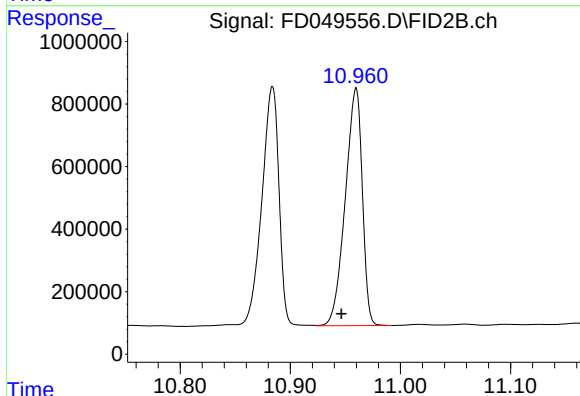
#9 Phenanthrene (C19.36)

R.T.: 10.884 min
Delta R.T.: 0.012 min
Response: 8362237
Conc: 51.05 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCK-PILEMSD

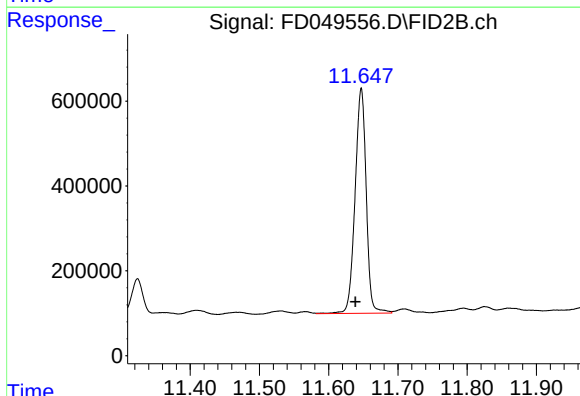
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



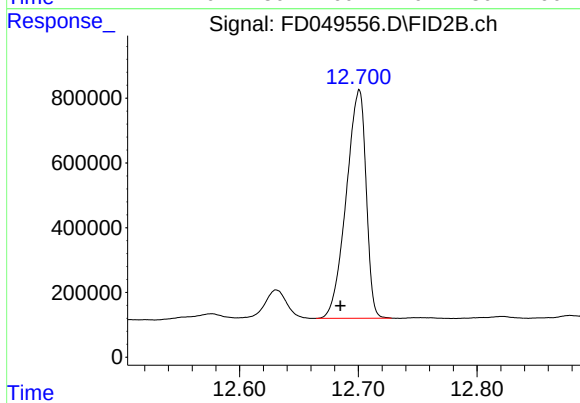
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: 0.013 min
Response: 8160445
Conc: 51.23 ug/ml



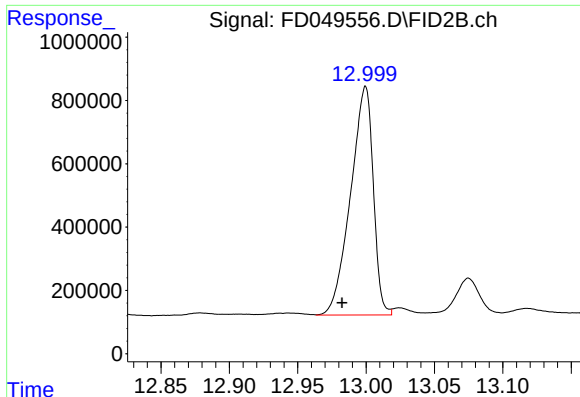
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.008 min
Response: 5931047
Conc: 36.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.700 min
Delta R.T.: 0.016 min
Response: 8206910
Conc: 50.49 ug/ml m



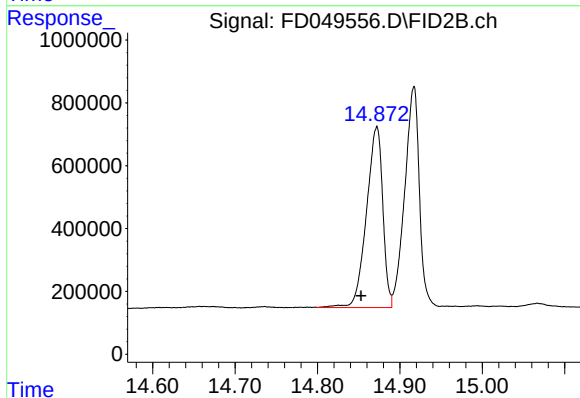
#13 Pyrene (C20.8)

R.T.: 13.000 min
Delta R.T.: 0.017 min
Response: 8334336
Conc: 51.35 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCK-PILEMSD

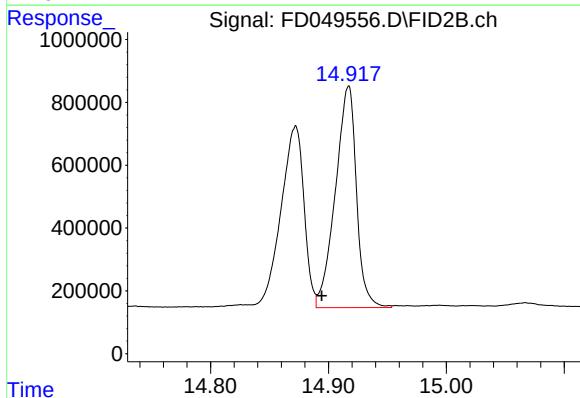
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



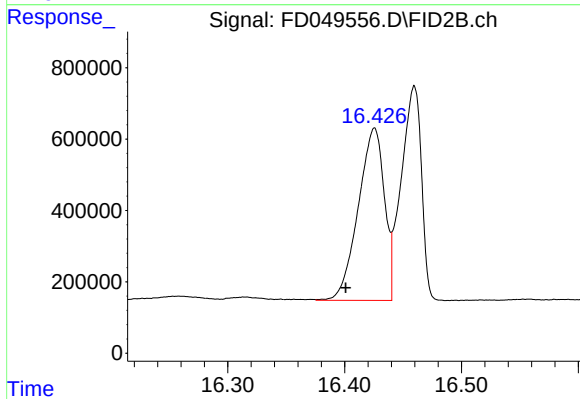
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.019 min
Response: 7924129
Conc: 54.11 ug/ml m



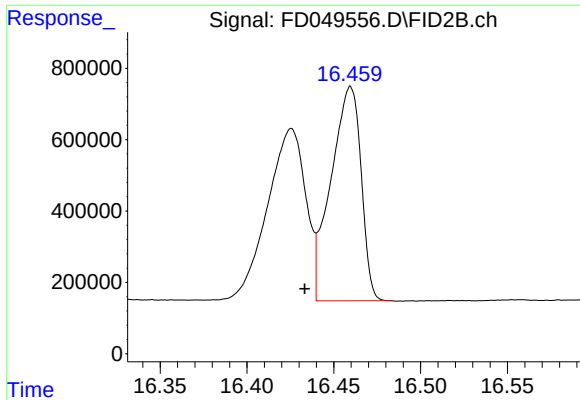
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.023 min
Response: 8765976
Conc: 58.90 ug/ml m



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

R.T.: 16.426 min
Delta R.T.: 0.024 min
Response: 7492226
Conc: 52.88 ug/ml



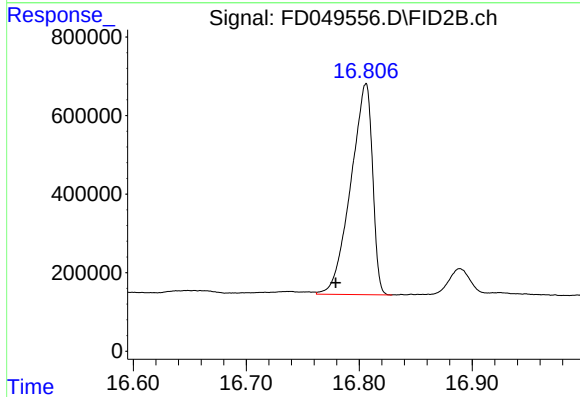
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.459 min
Delta R.T.: 0.026 min
Response: 7229852
Conc: 54.08 ug/ml

Instrument :
FID_D
ClientSampleId :
STOCK-PILEMSD

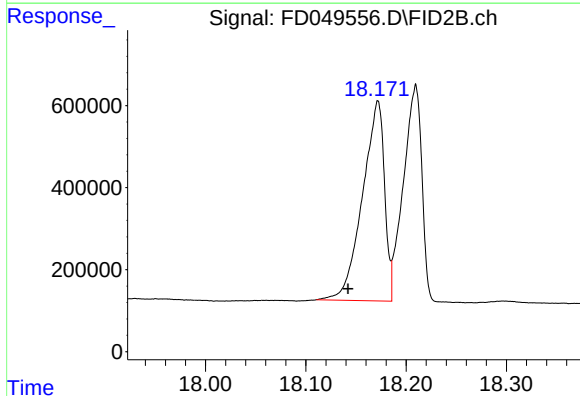
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



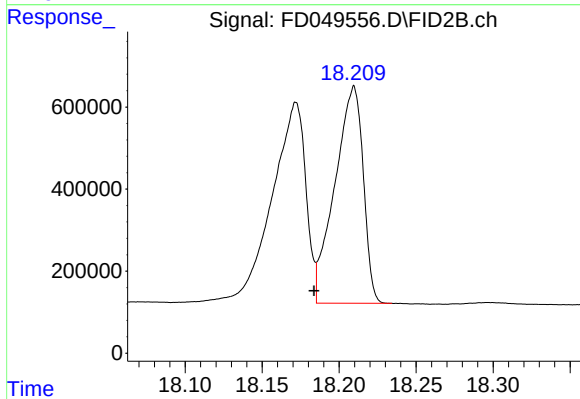
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.806 min
Delta R.T.: 0.026 min
Response: 7166777
Conc: 52.05 ug/ml



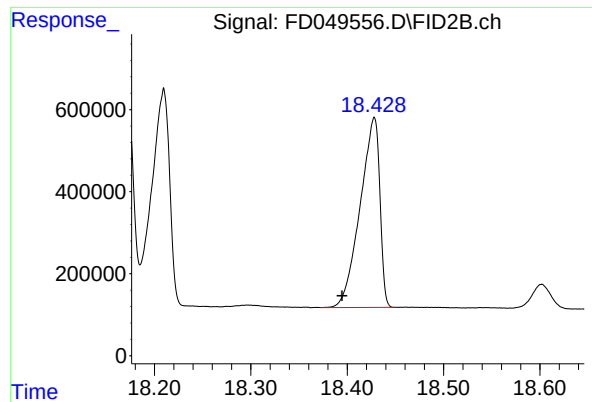
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.172 min
Delta R.T.: 0.030 min
Response: 7432163
Conc: 59.34 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.026 min
Response: 6758546
Conc: 51.30 ug/ml m



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

R.T.: 18.428 min
Delta R.T.: 0.033 min
Response: 6580531
Conc: 49.72 ug/ml

Instrument :

FID_D

ClientSampleId :

STOCK-PILEMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025