

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
 Data File : FF016876.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2025 13:59
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 03:41:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	8.002	7633265	66.571 ug/ml
Spiked Amount 50.000		Recovery =	133.14%
6) S 2-Fluorobiphenyl (SURR)	8.878	4905230	69.202 ug/mlm
Spiked Amount 50.000 Range 0 - 130		Recovery =	138.40%#
11) S ortho-Terphenyl (SURR)	11.945	7845663	53.315 ug/ml
Spiked Amount 50.000		Recovery =	106.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593	554045	4.032 ug/ml
2) T Naphthalene (C11.7)	6.271	558872	4.109 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	510462	3.772 ug/ml
5) T Acenaphthylene (C15.06)	8.674	678187	4.958 ug/ml
7) T Acenaphthene (C15.5)	8.973	780893	5.441 ug/ml
8) T Flouorene (C16.55)	9.765	608394	4.583 ug/ml
9) T Phenanthrene (C19.36)	11.173	604481	4.654 ug/ml
10) T Anthracene (C19.43)	11.249	669229	5.259 ug/ml
12) T Fluoranthene (C21.85)	12.995	683093	5.204 ug/ml
13) T Pyrene (C20.8)	13.294	679193	5.157 ug/ml
14) T Benzo[a]anthracene (C...	15.182	509268	4.731 ug/ml
15) T Chrysene (C27.41)	15.222	836698	6.048 ug/ml
16) T benzo[b]fluoranthene ...	16.744	509225	4.311 ug/ml
17) T Bnezo[k]fluoranthene ...	16.775	623508	4.838 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.131	500438	4.160 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.508	394550	3.990 ug/ml
20) T Dibenz[a,h]anthracene...	18.545	681976	4.318 ug/ml
21) T Benzo[g,h,i]perylene ...	18.759	511972	4.031 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
Data File : FF016876.D
Signal(s) : FID2B.ch
Acq On : 09 Dec 2025 13:59
Operator : YP\AJ
Sample : Q3530-02
Misc : 5PPM SOIL LOQ
ALS Vial : 74 Sample Multiplier: 1

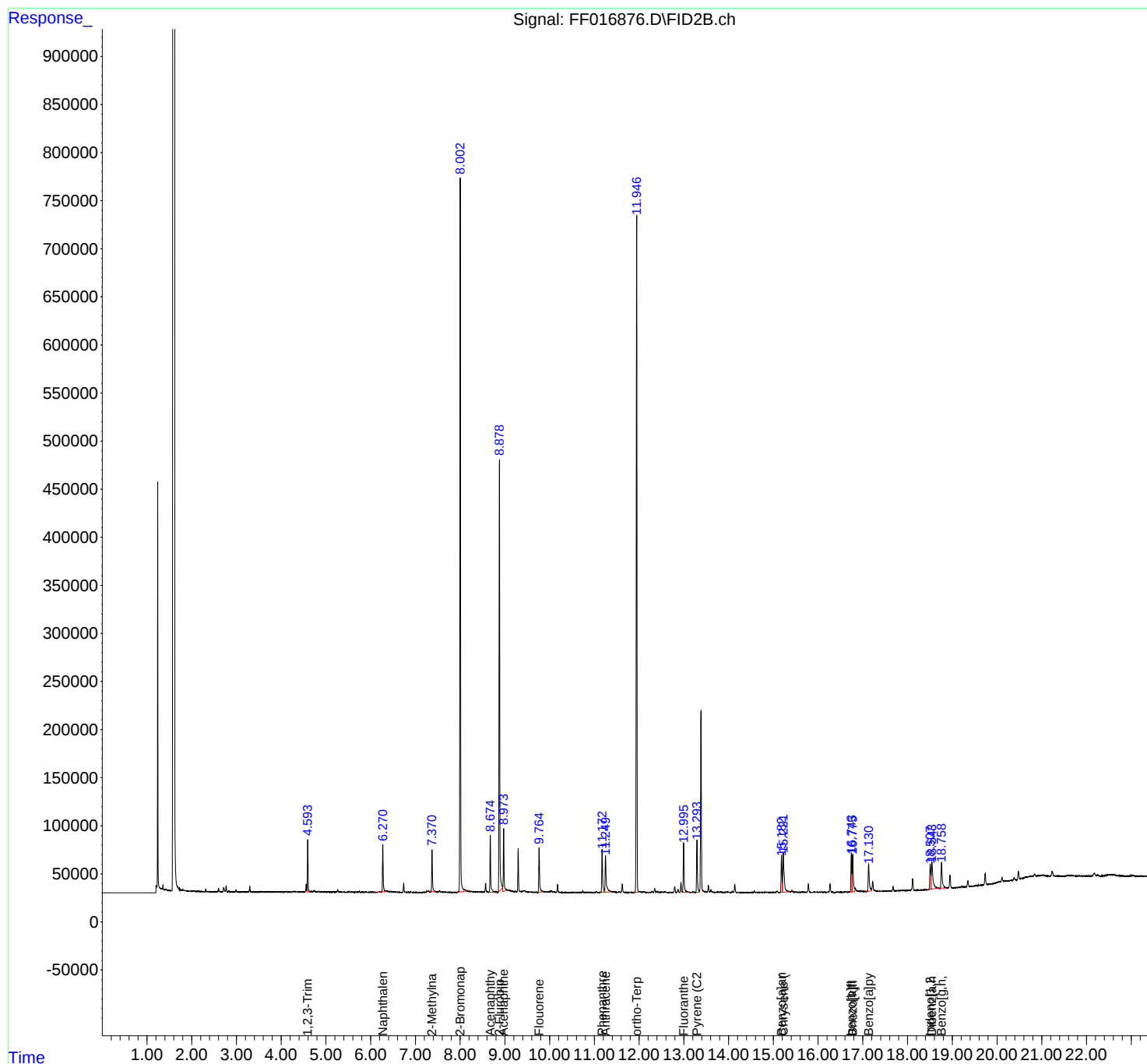
Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

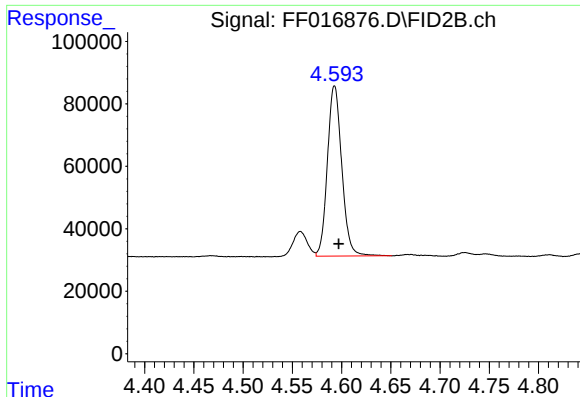
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e
Quant Time: Dec 10 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:18:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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





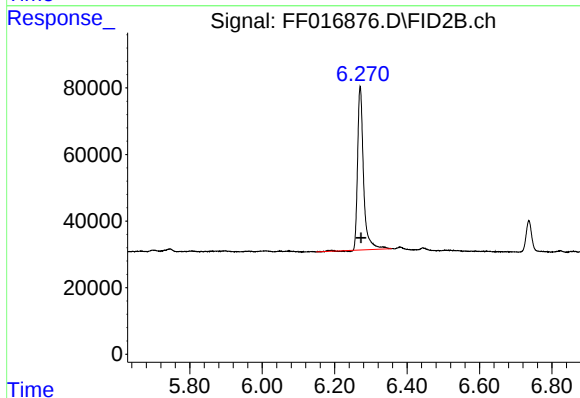
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.593 min
Delta R.T.: -0.004 min
Response: 554045
Conc: 4.03 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

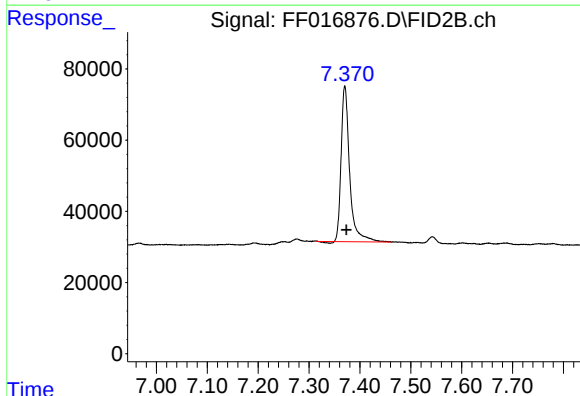
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



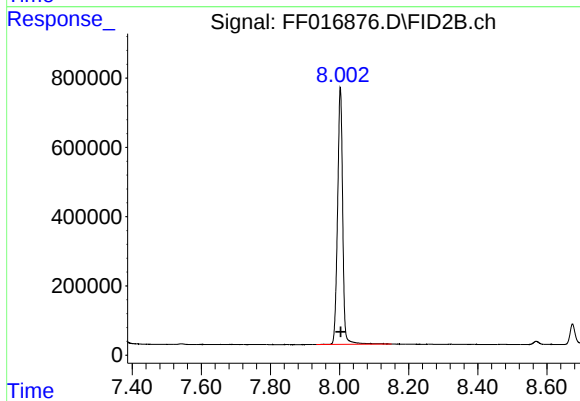
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 558872
Conc: 4.11 ug/ml



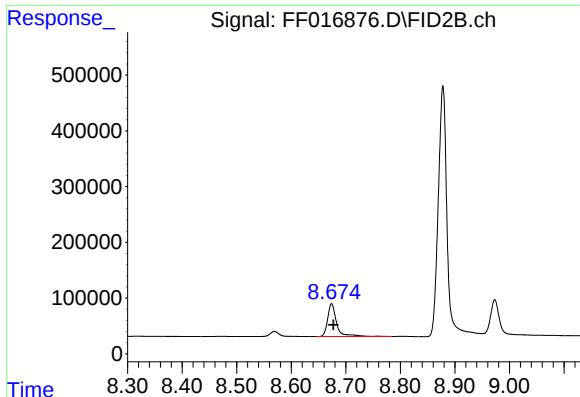
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.003 min
Response: 510462
Conc: 3.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.002 min
Delta R.T.: -0.001 min
Response: 7633265
Conc: 66.57 ug/ml



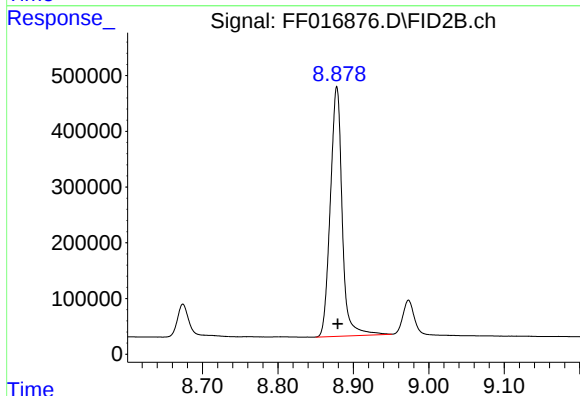
#5 Acenaphthylene (C15.06)

R.T.: 8.674 min
Delta R.T.: -0.003 min
Response: 678187
Conc: 4.96 ug/ml

Instrument : FID_F
ClientSampleId : LOQ-SOIL-02-QT4-2025

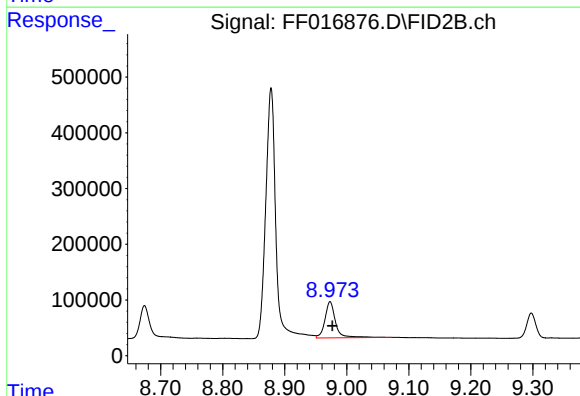
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



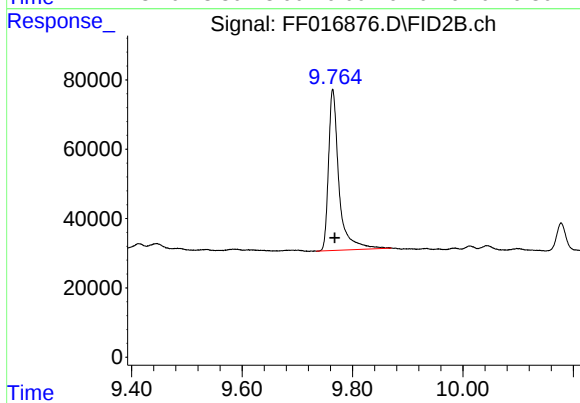
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min
Delta R.T.: -0.002 min
Response: 4905230
Conc: 69.20 ug/ml m



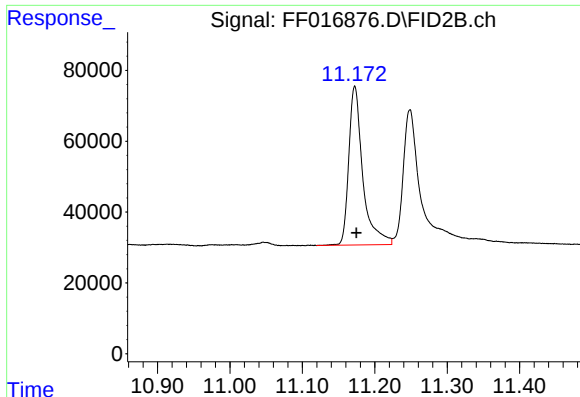
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: -0.004 min
Response: 780893
Conc: 5.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.765 min
Delta R.T.: -0.003 min
Response: 608394
Conc: 4.58 ug/ml



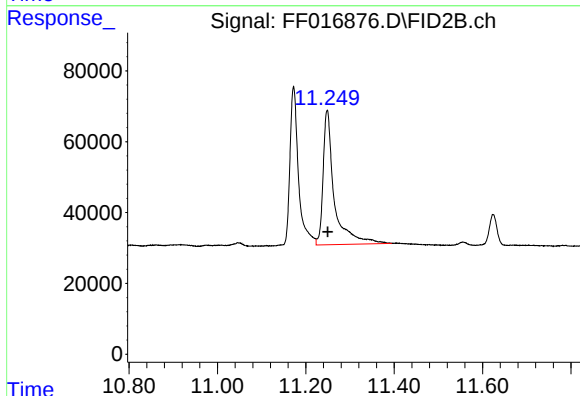
#9 Phenanthrene (C19.36)

R.T.: 11.173 min
Delta R.T.: -0.002 min
Response: 604481
Conc: 4.65 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

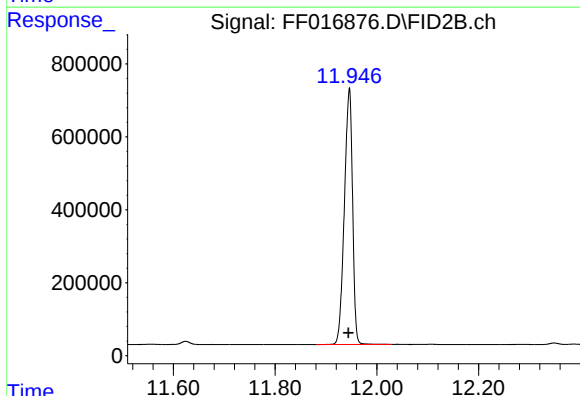
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



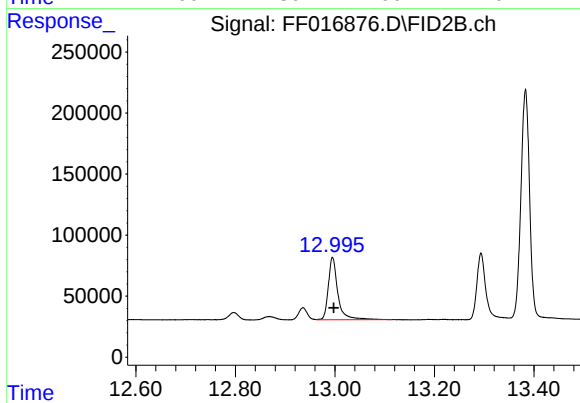
#10 Anthracene (C19.43)

R.T.: 11.249 min
Delta R.T.: -0.001 min
Response: 669229
Conc: 5.26 ug/ml



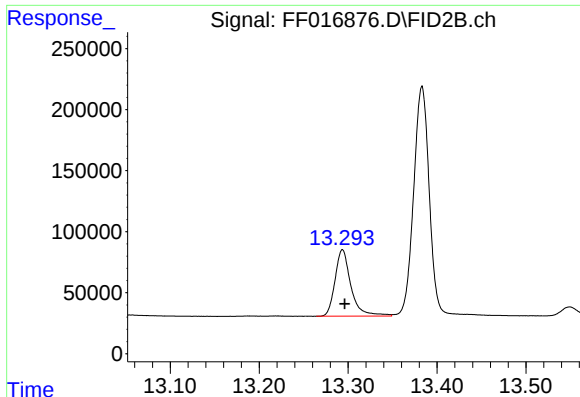
#11 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.002 min
Response: 7845663
Conc: 53.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 683093
Conc: 5.20 ug/ml



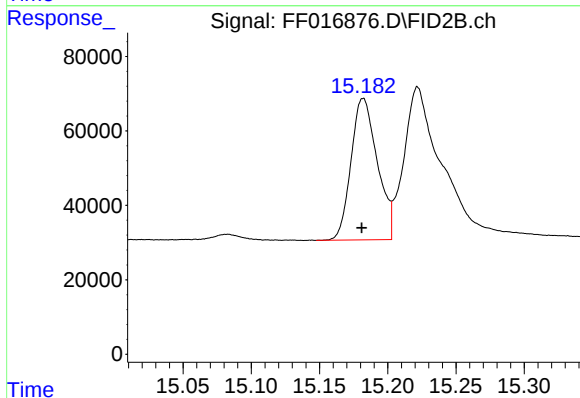
#13 Pyrene (C20.8)

R.T.: 13.294 min
Delta R.T.: -0.003 min
Response: 679193
Conc: 5.16 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

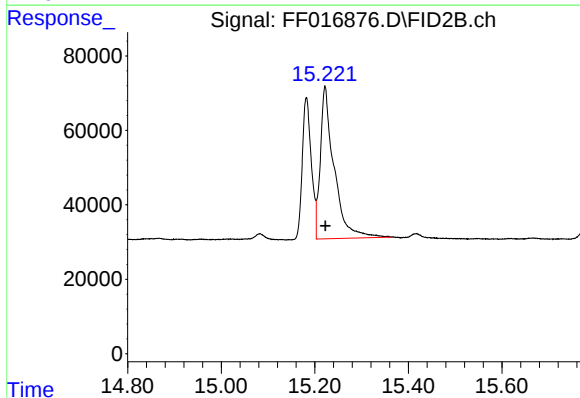
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



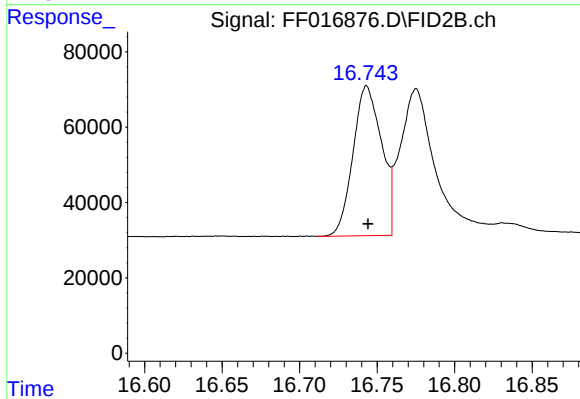
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.182 min
Delta R.T.: 0.001 min
Response: 509268
Conc: 4.73 ug/ml



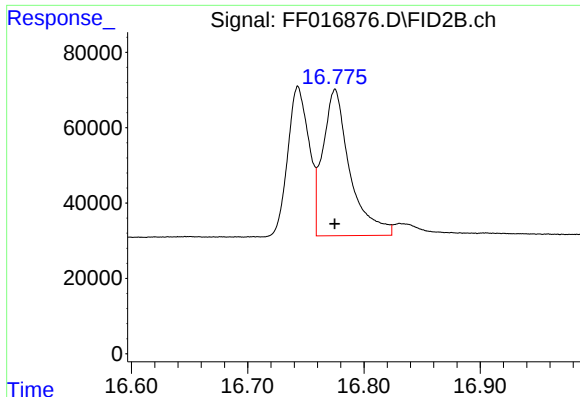
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: 0.000 min
Response: 836698
Conc: 6.05 ug/ml



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

R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 509225
Conc: 4.31 ug/ml



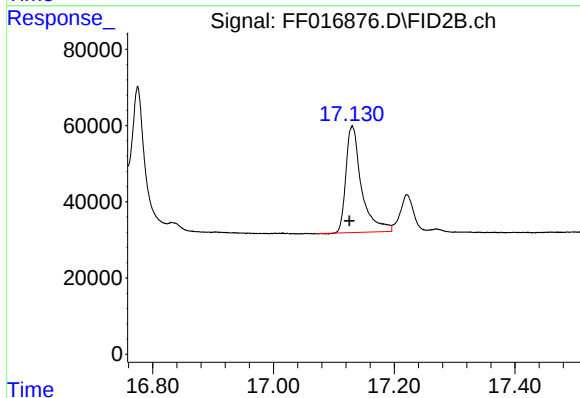
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.775 min
Delta R.T.: 0.000 min
Response: 623508
Conc: 4.84 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

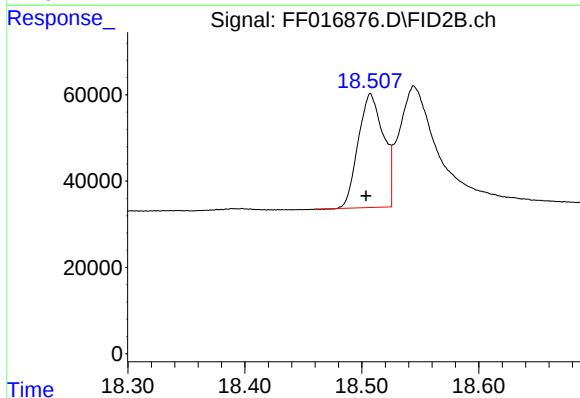
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025



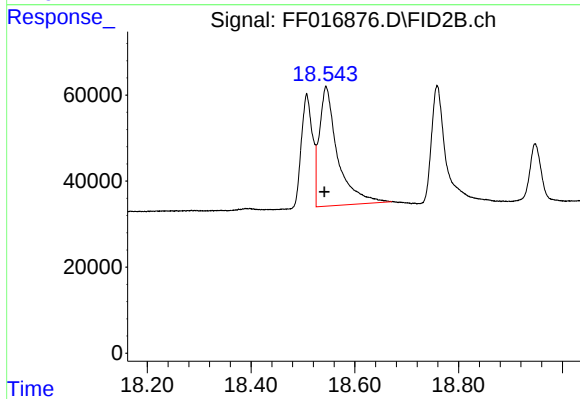
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.131 min
Delta R.T.: 0.005 min
Response: 500438
Conc: 4.16 ug/ml



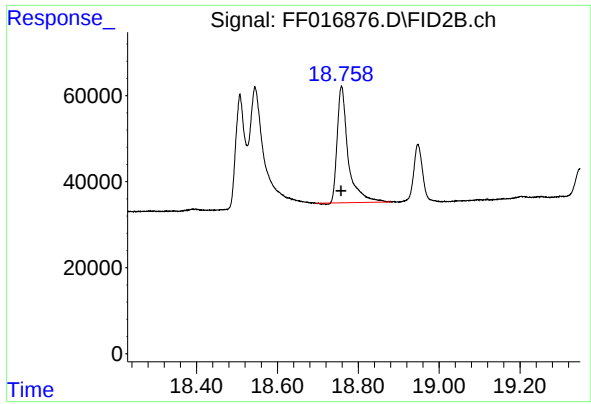
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.508 min
Delta R.T.: 0.004 min
Response: 394550
Conc: 3.99 ug/ml



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

R.T.: 18.545 min
Delta R.T.: 0.004 min
Response: 681976
Conc: 4.32 ug/ml



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

R.T.: 18.759 min
Delta R.T.: 0.002 min
Response: 511972
Conc: 4.03 ug/ml

Instrument :
FID_F
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 12/10/2025
Supervised By :Yogesh Patel 12/10/2025