

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
 Data File : FF016877.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2025 14:29
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-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 03:42:21 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...	8.000	3861517	33.677 ug/ml
Spiked Amount 50.000		Recovery =	67.35%
6) S 2-Fluorobiphenyl (SURR)	8.876	2407468	33.964 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	67.93%
11) S ortho-Terphenyl (SURR)	11.942	4171092	28.345 ug/ml
Spiked Amount 50.000		Recovery =	56.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.595	369956	2.693 ug/ml
2) T Naphthalene (C11.7)	6.272	358096	2.633 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	315841	2.334 ug/ml
5) T Acenaphthylene (C15.06)	8.675	427949	3.129 ug/ml
7) T Acenaphthene (C15.5)	8.973	531261	3.702 ug/ml
8) T Fluorene (C16.55)	9.767	365319	2.752 ug/ml
9) T Phenanthrene (C19.36)	11.174	375626	2.892 ug/ml
10) T Anthracene (C19.43)	11.252	408573	3.211 ug/ml
12) T Fluoranthene (C21.85)	12.997	422951	3.222 ug/ml
13) T Pyrene (C20.8)	13.295	430129	3.266 ug/ml
14) T Benzo[a]anthracene (C...	15.187	289697	2.691 ug/ml
15) T Chrysene (C27.41)	15.228	536639	3.879 ug/ml
16) T benzo[b]fluoranthene ...	16.747	311509	2.637 ug/ml
17) T Bnezo[k]fluoranthene ...	16.777	419604	3.256 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.135	315469	2.623 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.515	230653	2.333 ug/ml
20) T Dibenz[a,h]anthracene...	18.549	503390	3.187 ug/ml
21) T Benzo[g,h,i]perylene ...	18.761	338233	2.663 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120925AR\
Data File : FF016877.D
Signal(s) : FID2B.ch
Acq On : 09 Dec 2025 14:29
Operator : YP\AJ
Sample : Q3530-01
Misc : 4PPM SOIL LOD
ALS Vial : 75 Sample Multiplier: 1

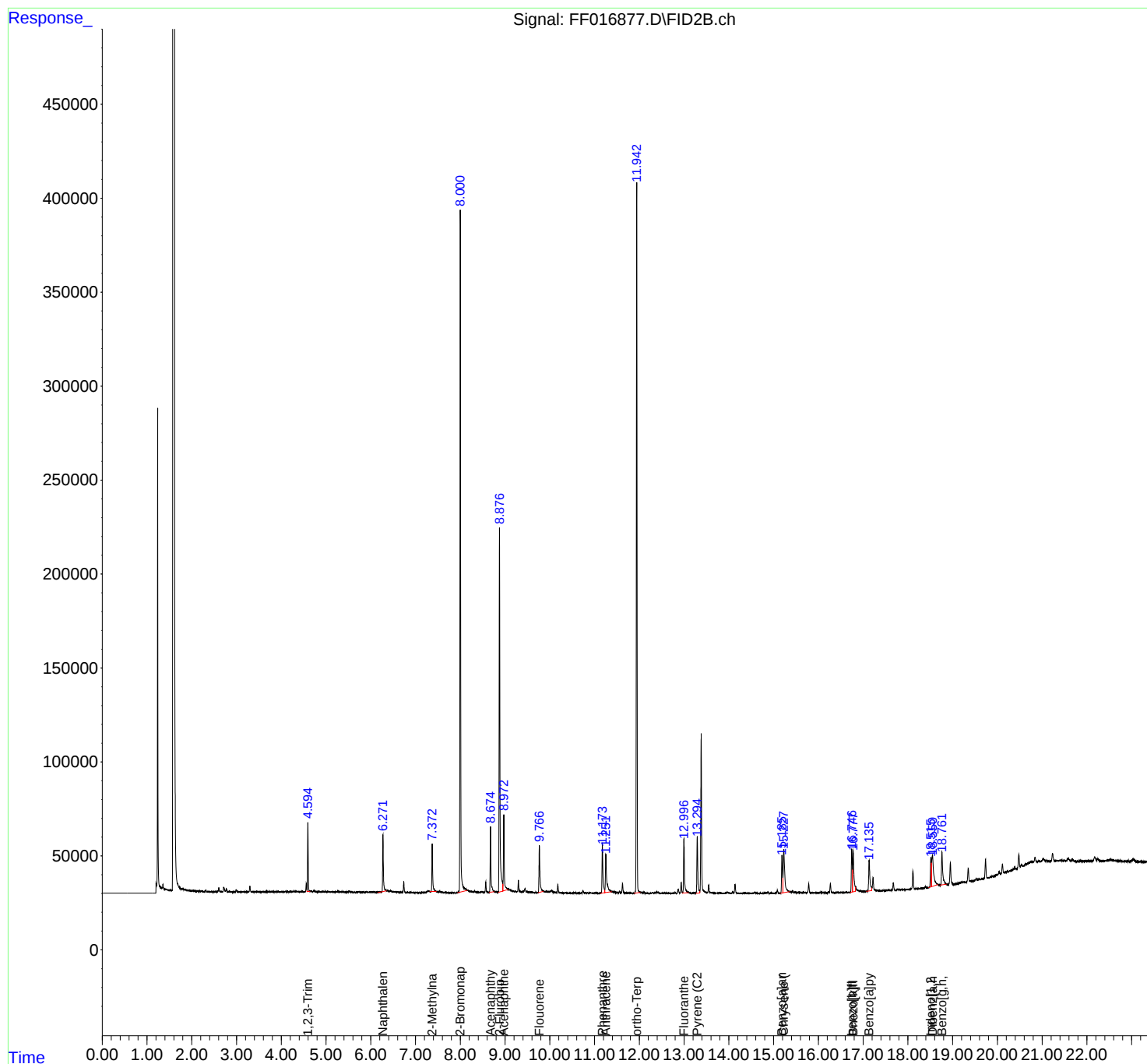
Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

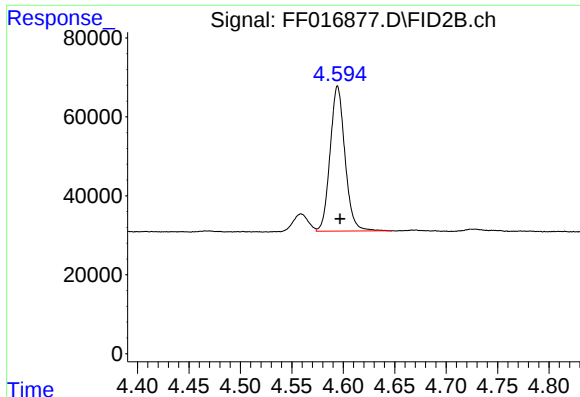
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Dec 10 03:42:21 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





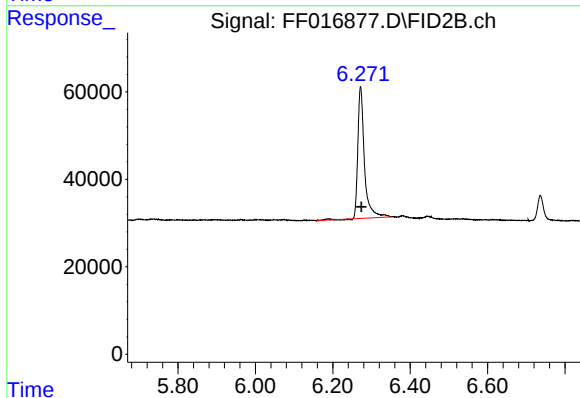
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 369956
Conc: 2.69 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

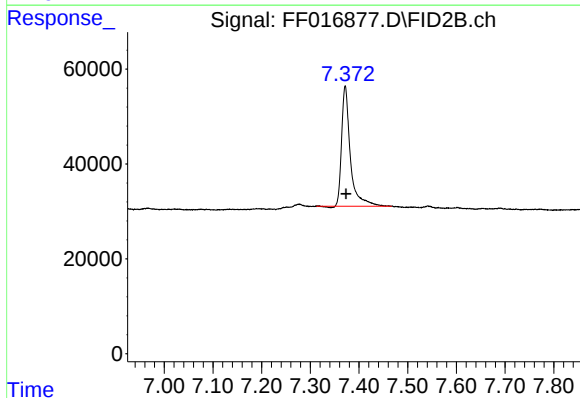
Manual Integrations
APPROVED

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



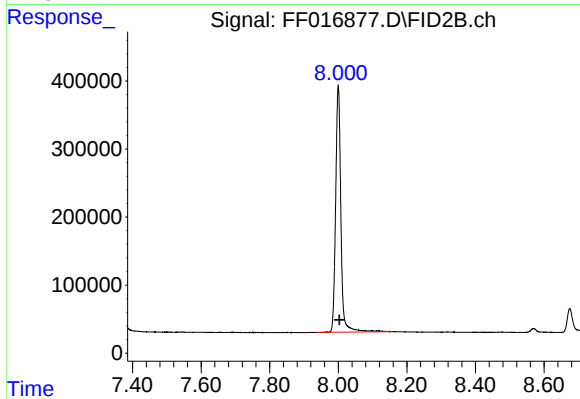
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.002 min
Response: 358096
Conc: 2.63 ug/ml



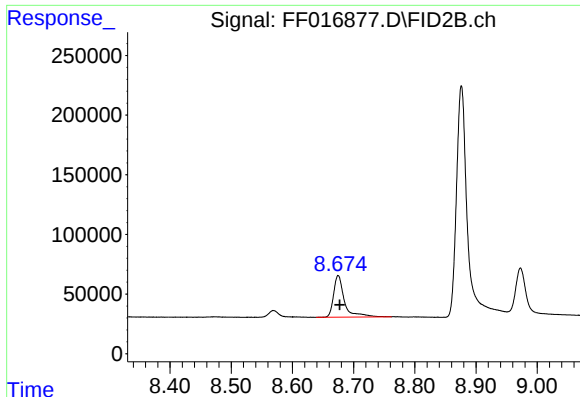
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 315841
Conc: 2.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.000 min
Delta R.T.: -0.003 min
Response: 3861517
Conc: 33.68 ug/ml



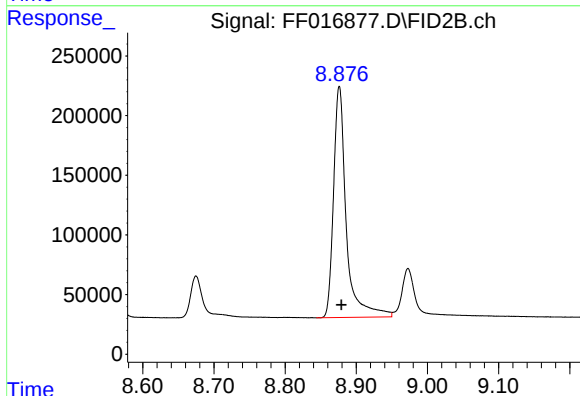
#5 Acenaphthylene (C15.06)

R.T.: 8.675 min
Delta R.T.: -0.003 min
Response: 427949
Conc: 3.13 ug/ml

Instrument : FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

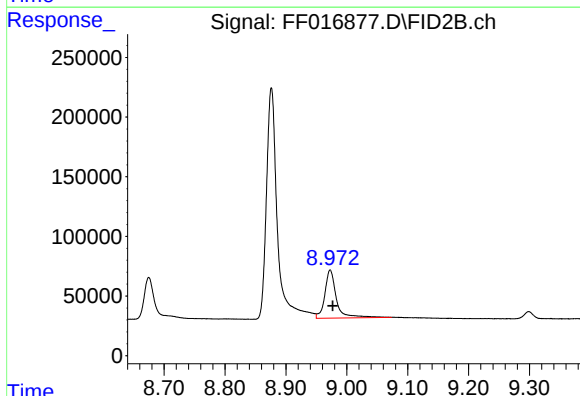
Manual Integrations
APPROVED

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



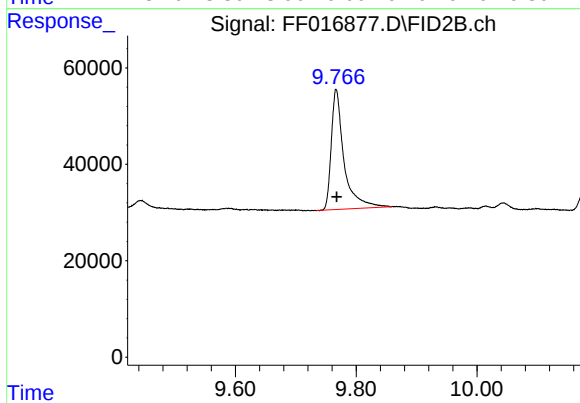
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 2407468
Conc: 33.96 ug/ml



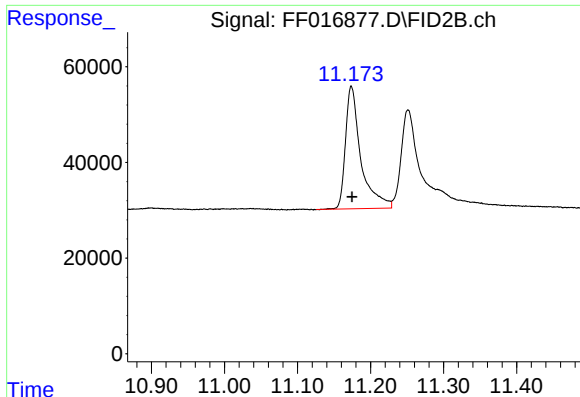
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: -0.004 min
Response: 531261
Conc: 3.70 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.767 min
Delta R.T.: 0.000 min
Response: 365319
Conc: 2.75 ug/ml



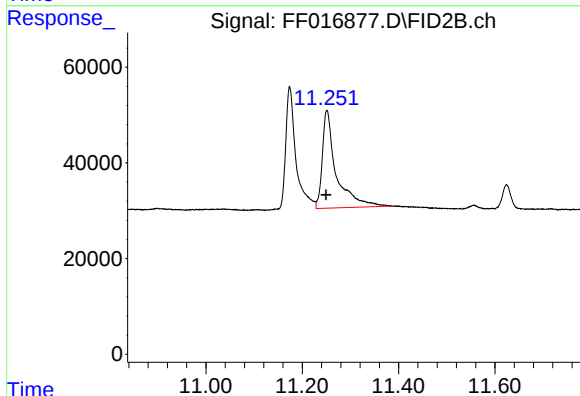
#9 Phenanthrene (C19.36)

R.T.: 11.174 min
Delta R.T.: 0.000 min
Response: 375626
Conc: 2.89 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

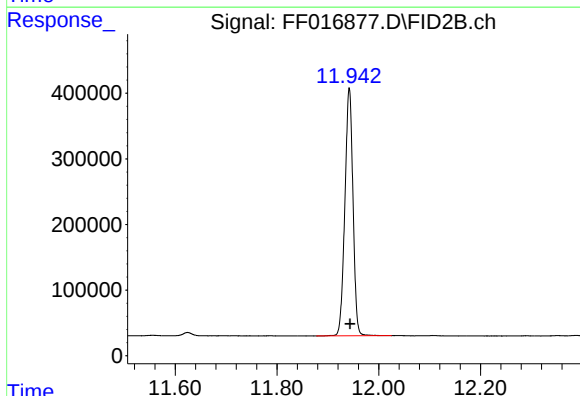
Manual Integrations
APPROVED

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



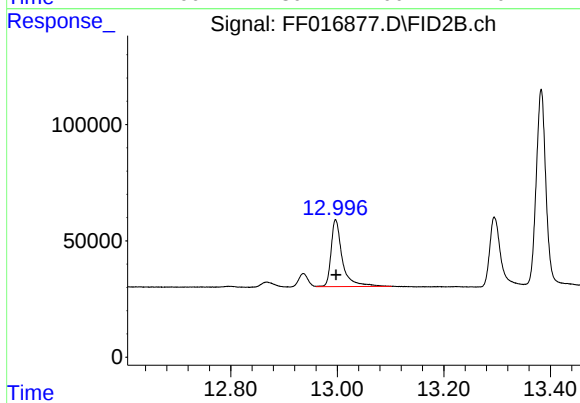
#10 Anthracene (C19.43)

R.T.: 11.252 min
Delta R.T.: 0.002 min
Response: 408573
Conc: 3.21 ug/ml



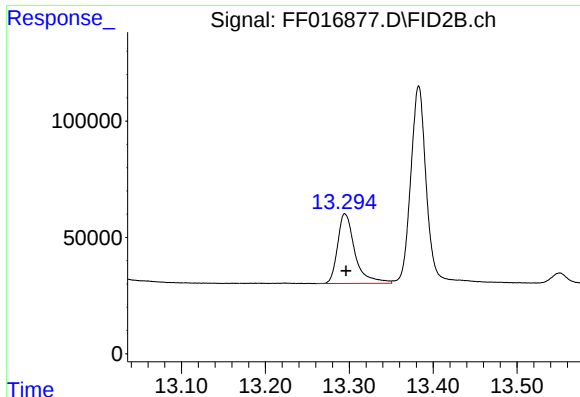
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: -0.002 min
Response: 4171092
Conc: 28.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 422951
Conc: 3.22 ug/ml



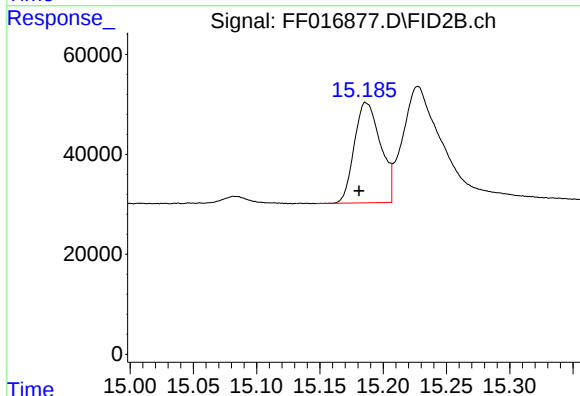
#13 Pyrene (C20.8)

R.T.: 13.295 min
Delta R.T.: -0.001 min
Response: 430129
Conc: 3.27 ug/ml

Instrument : FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

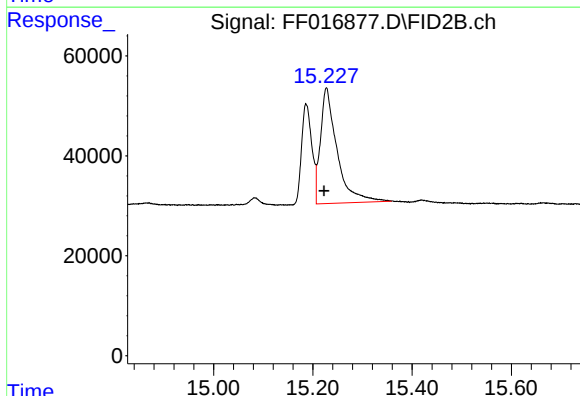
Manual Integrations
APPROVED

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



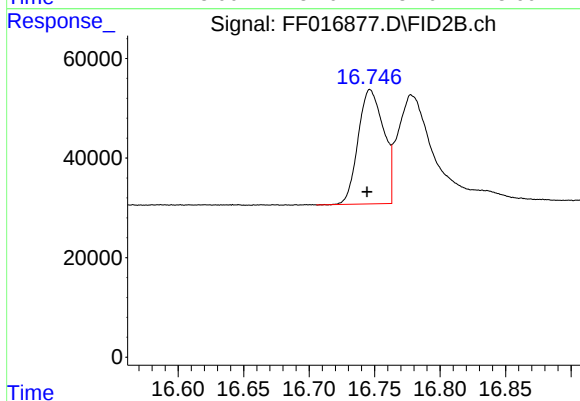
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.187 min
Delta R.T.: 0.006 min
Response: 289697
Conc: 2.69 ug/ml



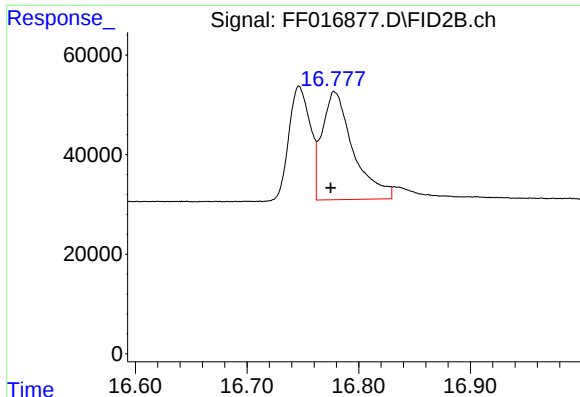
#15 Chrysene (C27.41)

R.T.: 15.228 min
Delta R.T.: 0.005 min
Response: 536639
Conc: 3.88 ug/ml



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

R.T.: 16.747 min
Delta R.T.: 0.003 min
Response: 311509
Conc: 2.64 ug/ml



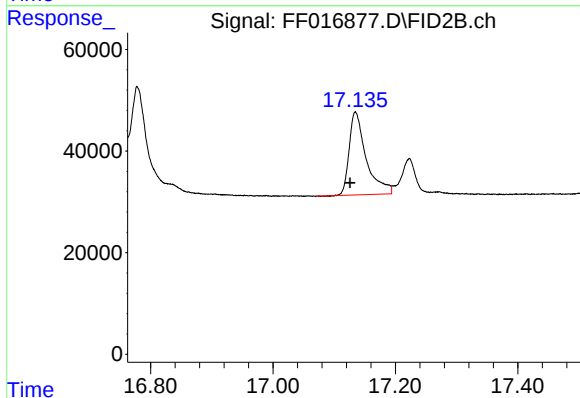
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.777 min
Delta R.T.: 0.002 min
Response: 419604
Conc: 3.26 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

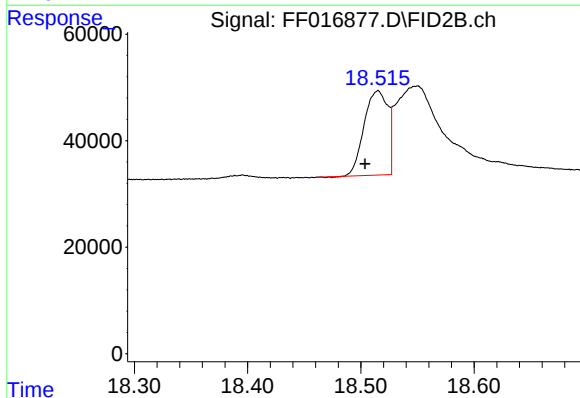
Manual Integrations
APPROVED

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



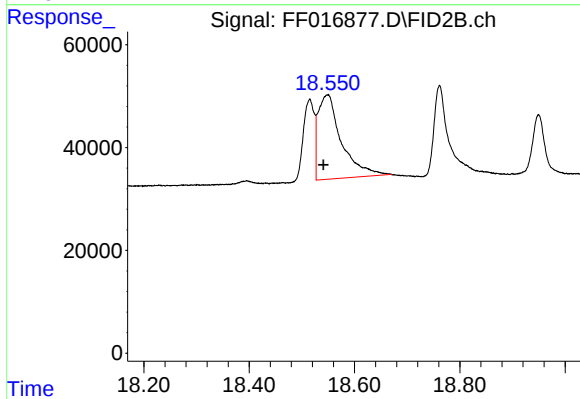
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.135 min
Delta R.T.: 0.009 min
Response: 315469
Conc: 2.62 ug/ml



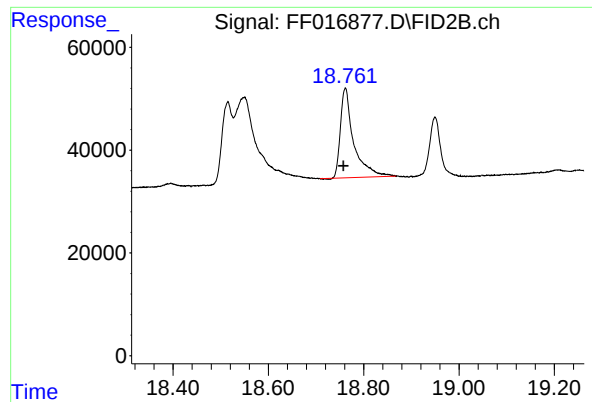
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.515 min
Delta R.T.: 0.011 min
Response: 230653
Conc: 2.33 ug/ml



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

R.T.: 18.549 min
Delta R.T.: 0.007 min
Response: 503390
Conc: 3.19 ug/ml



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

R.T.: 18.761 min
Delta R.T.: 0.004 min
Response: 338233
Conc: 2.66 ug/ml

Instrument :

FID_F

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

Manual Integrations

APPROVED

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