

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FE049025.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 18:43
 Operator : YP\AJ
 Sample : P3170-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-DRUMS-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024
 Supervised By :Ankita Jodhani 07/10/2024

Integration File: autoint1.e
 Quant Time: Jul 10 01:27:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.927	4510831	26.977 ug/mlm
Spiked Amount 50.000		Recovery =	53.95%
12) S 1-chlorooctadecane (S...	13.362	3999055	31.099 ug/ml
Spiked Amount 50.000		Recovery =	62.20%
Target Compounds			
1) T n-Nonane (C9)	3.319	5860943	38.984 ug/mlm
2) T n-Decane (C10)	4.568	6775040	44.025 ug/ml
3) T A~Naphthalene (C11.7)	6.272	7815953	49.233 ug/ml
4) T n-Dodecane (C12)	6.731	7189691	46.573 ug/ml
5) T A~2-methylnaphthalene...	7.368	8112386	53.569 ug/ml
6) T n-Tetradecane (C14)	8.561	8142355	53.126 ug/ml
7) T n-Hexadecane (C16)	10.168	8811592	56.355 ug/ml
8) T n-Octadecane (C18)	11.611	8946861	56.098 ug/ml
10) T n-Eicosane (C20)	12.921	8961928	57.806 ug/ml
11) T n-Heneicosane (C21)	13.532	8637899	56.729 ug/ml
13) T n-Docosane (C22)	14.117	8572236	56.682 ug/ml
14) T n-Tetracosane (C24)	15.216	16191595	107.743 ug/ml
15) T n-Hexacosane (C26)	16.240	8438562	57.159 ug/ml
16) T n-Octacosane (C28)	17.189	8730974	60.541 ug/ml
17) T n-Tricontane (C30)	18.077	8433882	57.648 ug/ml
18) T n-Dotriacontane (C32)	18.907	8590106	60.079 ug/ml
19) T n-Tetratriacontane (C34)	19.691	8613528	62.249 ug/ml
20) T n-Hexatriacontane (C36)	20.431	8739620	67.245 ug/ml
21) T n-Octatriacontane (C38)	21.166	9302244	72.563 ug/ml
22) T n-Tetracontane (C40)	22.078	9309894	76.024 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
Data File : FE049025.D
Signal(s) : FID1B.ch
Acq On : 09 Jul 2024 18:43
Operator : YP\AJ
Sample : P3170-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

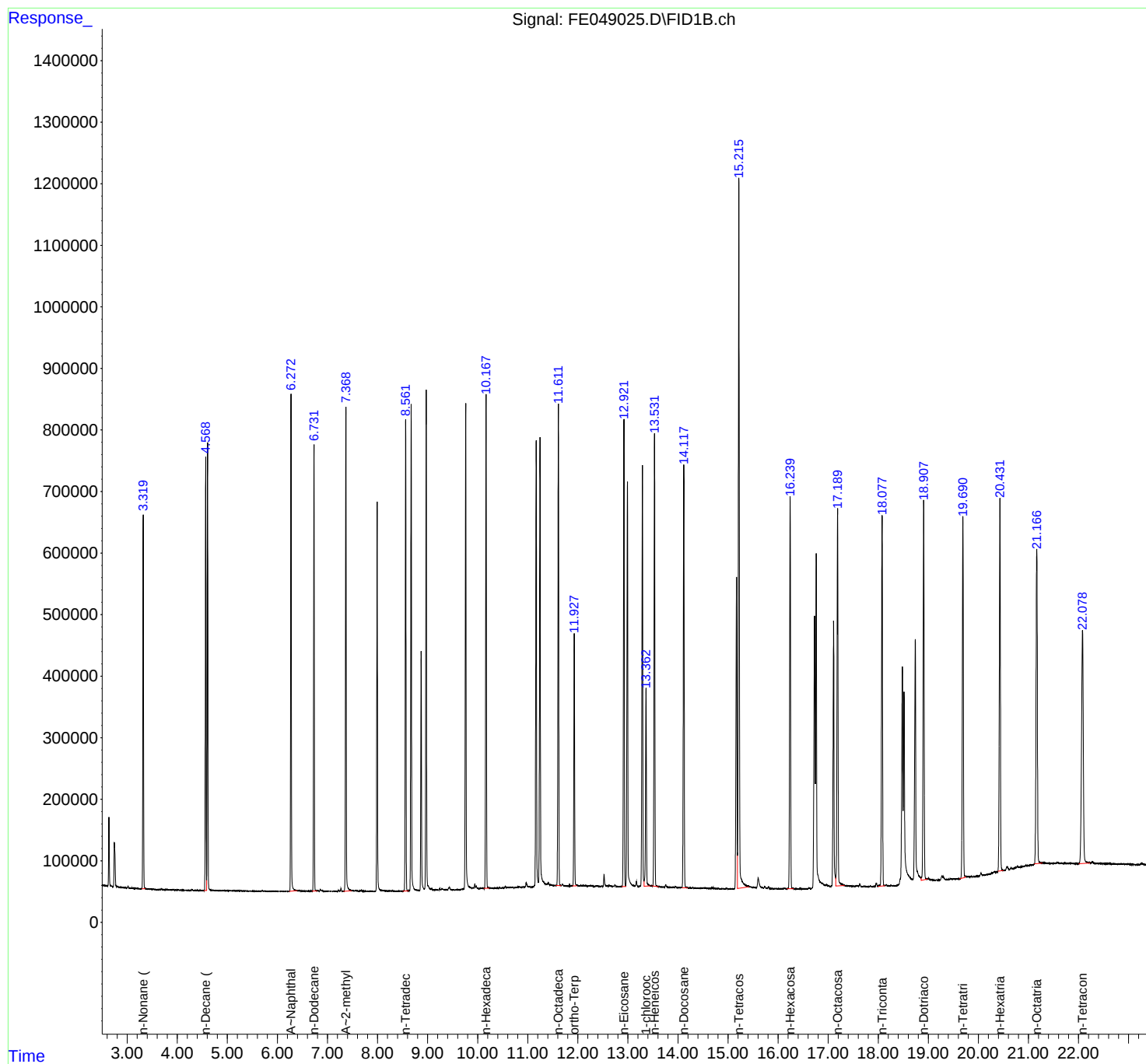
Instrument :
FID_E
ClientSampleId :
SOIL-DRUMS-2MS

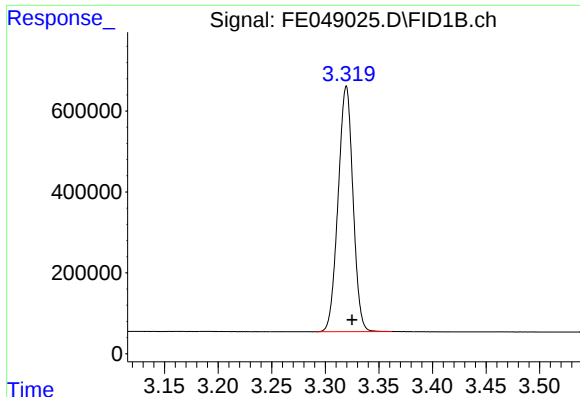
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024

Integration File: autoint1.e
Quant Time: Jul 10 01:27:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.006 min
Response: 5860943
Conc: 38.98 ug/ml

Instrument :

FID_E

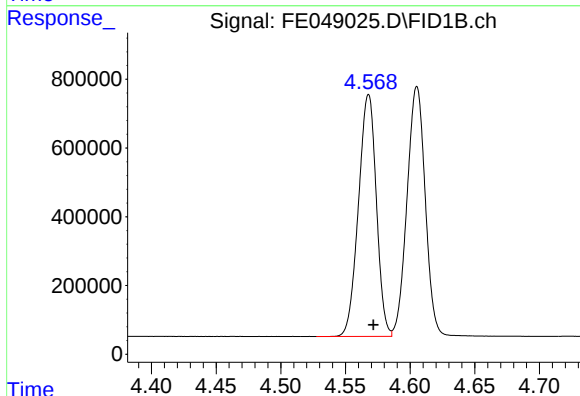
ClientSampleId :

SOIL-DRUMS-2MS

Manual Integrations

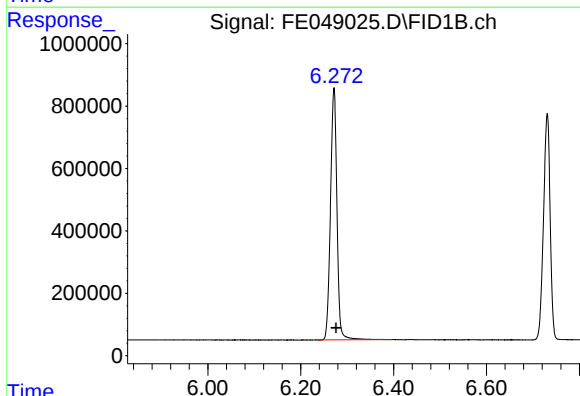
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



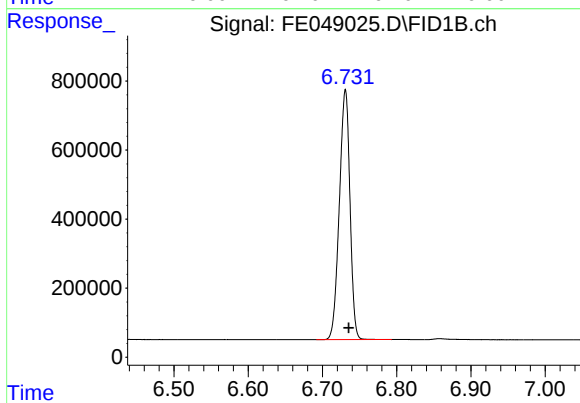
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.004 min
Response: 6775040
Conc: 44.03 ug/ml



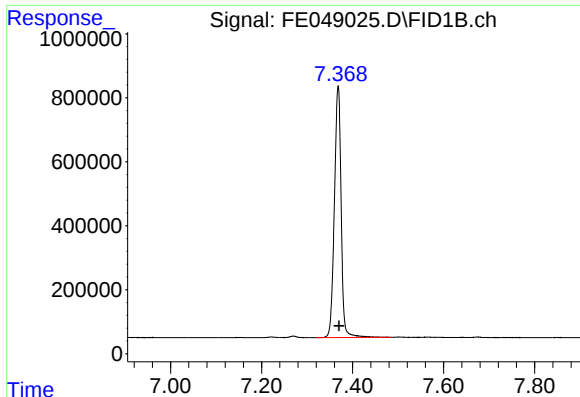
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 7815953
Conc: 49.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 7189691
Conc: 46.57 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.002 min
Response: 8112386
Conc: 53.57 ug/ml

Instrument :

FID_E

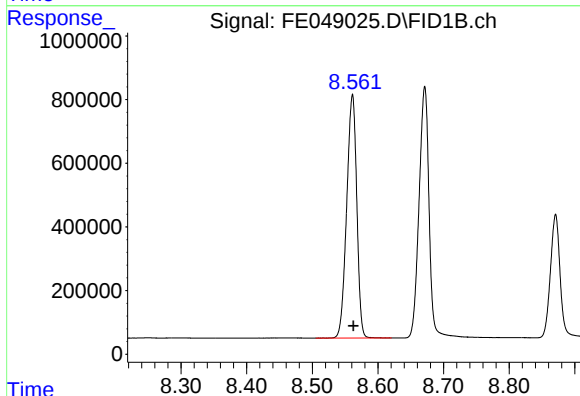
ClientSampleId :

SOIL-DRUMS-2MS

Manual Integrations

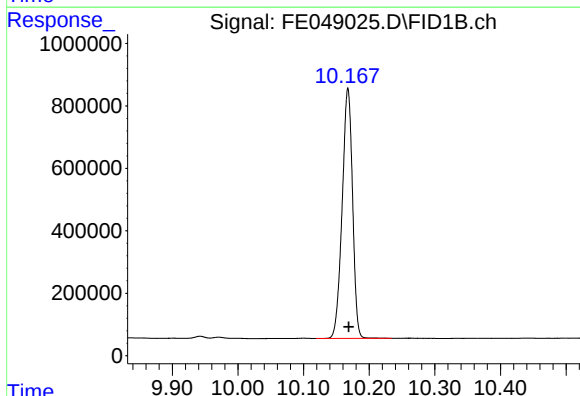
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



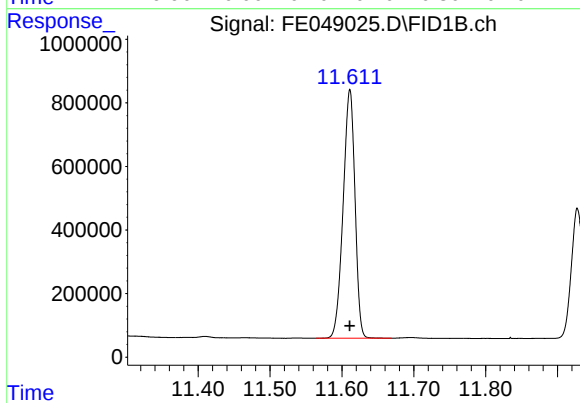
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 8142355
Conc: 53.13 ug/ml



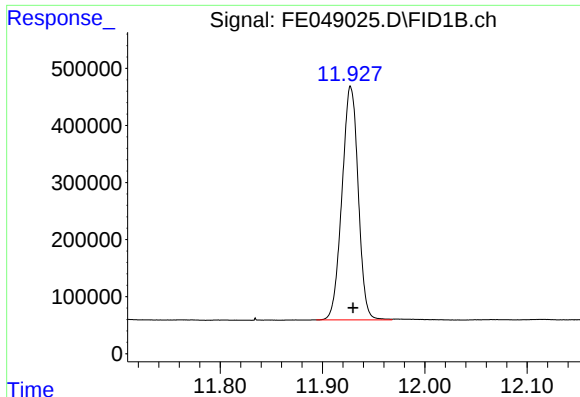
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.001 min
Response: 8811592
Conc: 56.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 8946861
Conc: 56.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.003 min
Response: 4510831
Conc: 26.98 ug/ml

Instrument :

FID_E

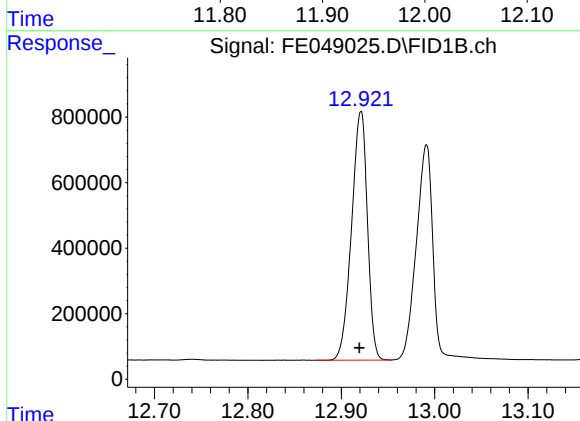
ClientSampleId :

SOIL-DRUMS-2MS

Manual Integrations

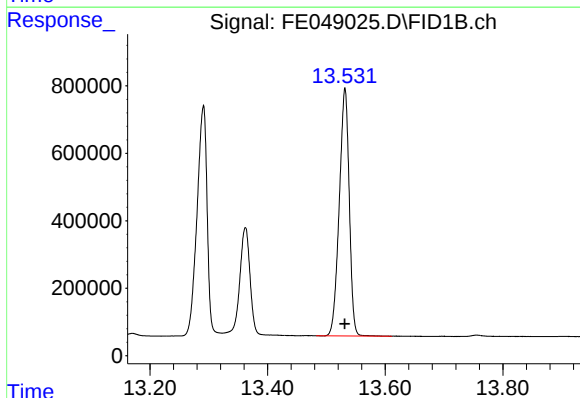
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



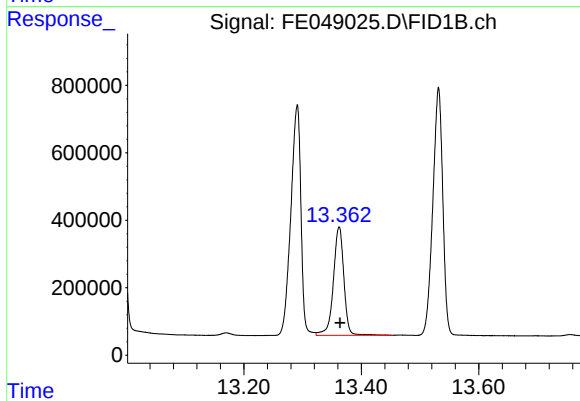
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.002 min
Response: 8961928
Conc: 57.81 ug/ml



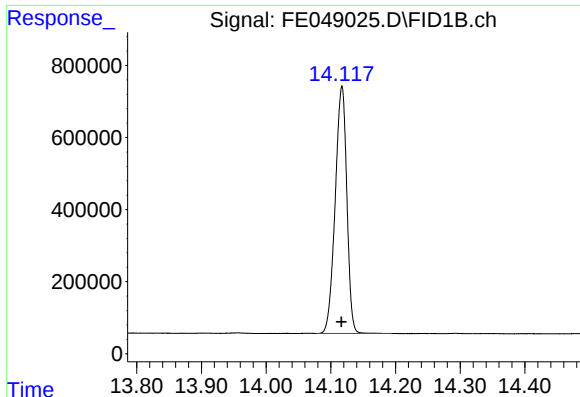
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 8637899
Conc: 56.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 3999055
Conc: 31.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 8572236
Conc: 56.68 ug/ml

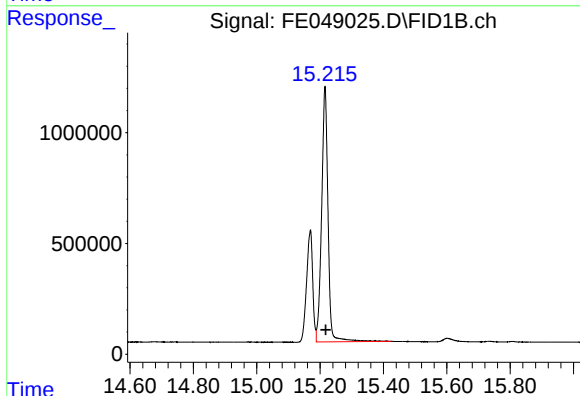
Instrument :

FID_E

ClientSampleId :
SOIL-DRUMS-2MS

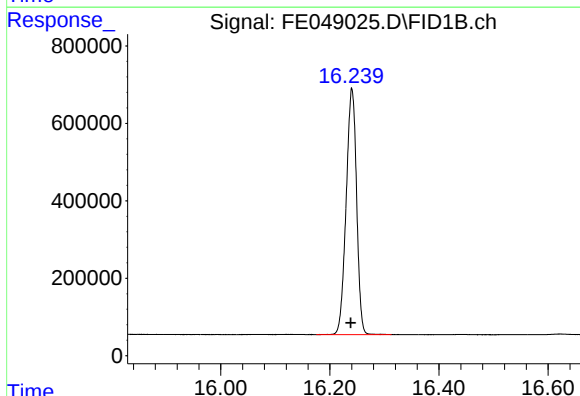
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



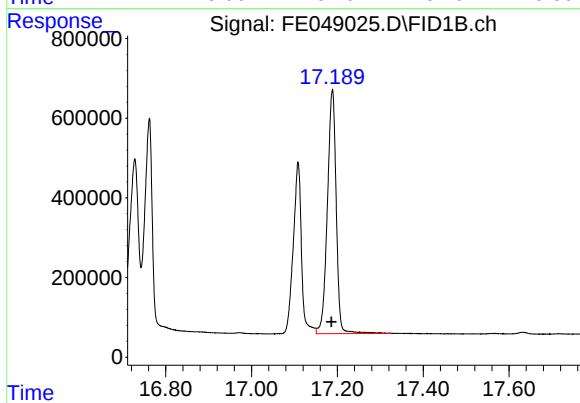
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.003 min
Response: 16191595
Conc: 107.74 ug/ml



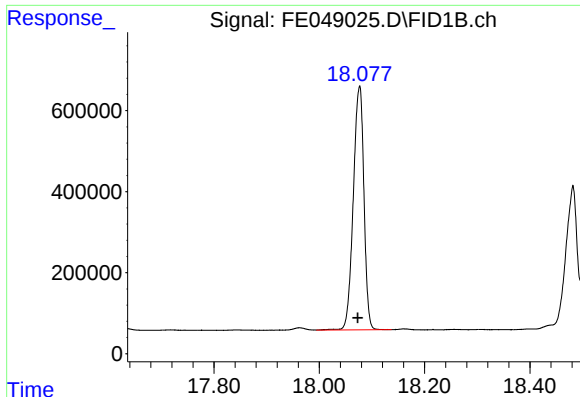
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.002 min
Response: 8438562
Conc: 57.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.002 min
Response: 8730974
Conc: 60.54 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 8433882
Conc: 57.65 ug/ml

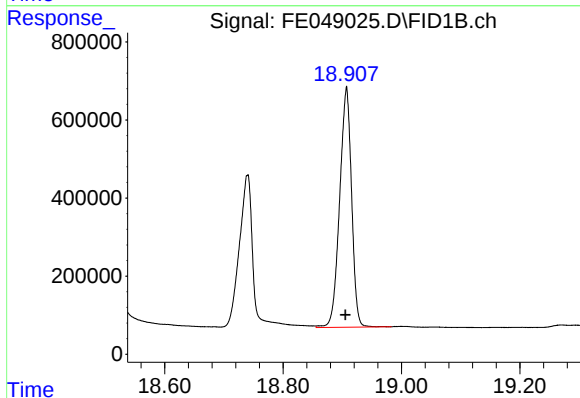
Instrument :

FID_E

ClientSampleId :
SOIL-DRUMS-2MS

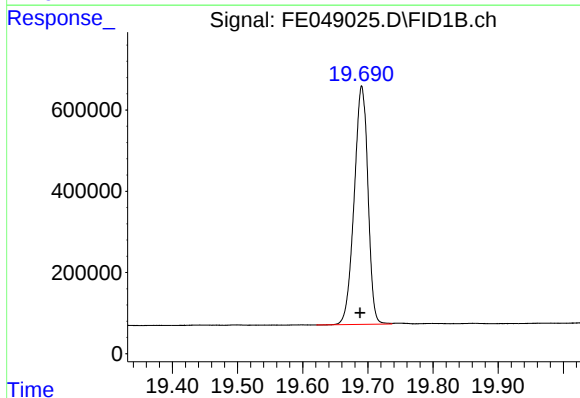
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



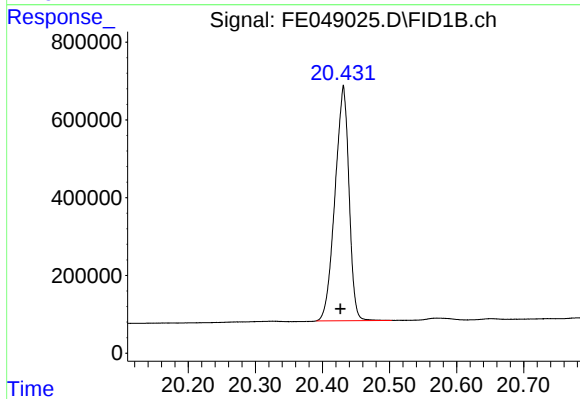
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.002 min
Response: 8590106
Conc: 60.08 ug/ml



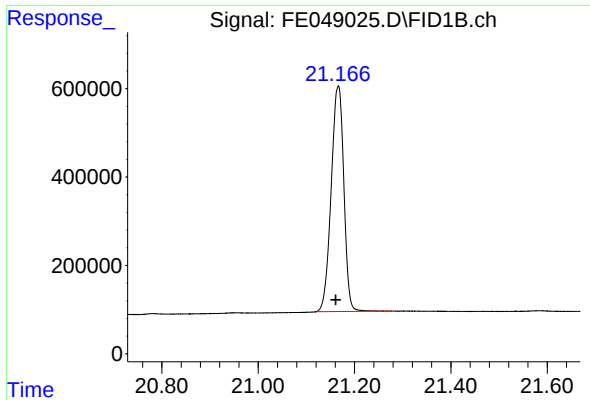
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.003 min
Response: 8613528
Conc: 62.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: 0.005 min
Response: 8739620
Conc: 67.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: 0.005 min
Response: 9302244
Conc: 72.56 ug/ml

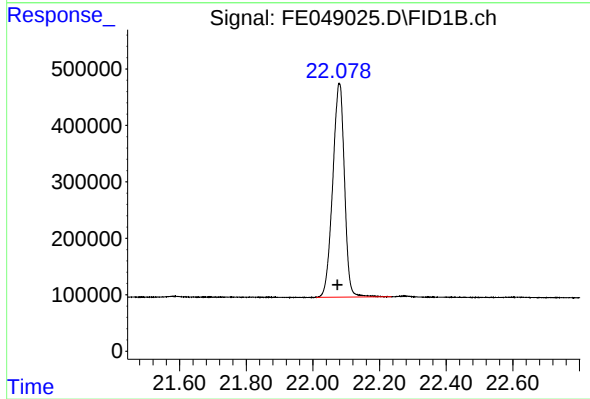
Instrument :

FID_E

ClientSampleId :
SOIL-DRUMS-2MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: 0.003 min
Response: 9309894
Conc: 76.02 ug/ml m