

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064043.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 22:04
 Operator : YP/AJ
 Sample : 03473-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CMC-EME-TOPSOIL-006MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 05:59:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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			
12) S 1-chlorooctadecane (S...	12.958	3883717	27.914 ug/ml
Spiked Amount 50.000		Recovery =	55.83%
Target Compounds			
1) T n-Nonane (C9)	3.304	4398759	24.664 ug/ml
2) T n-Decane (C10)	4.368	5344666	29.536 ug/ml
4) T n-Dodecane (C12)	6.383	6278464	34.852 ug/ml
6) T n-Tetradecane (C14)	8.175	6745472	38.994 ug/ml
7) T n-Hexadecane (C16)	9.772	7209543	41.503 ug/ml
8) T n-Octadecane (C18)	11.211	7581274	43.989 ug/ml
10) T n-Eicosane (C20)	12.516	7302227	44.731 ug/ml
11) T n-Heneicosane (C21)	13.127	7170010	44.750 ug/ml
13) T n-Docosane (C22)	13.711	7151516	45.512 ug/ml
14) T n-Tetracosane (C24)	14.812	7150640	45.366 ug/ml
15) T n-Hexacosane (C26)	15.829	7122467	47.142 ug/ml
16) T n-Octacosane (C28)	16.777	7039093	46.715 ug/ml
17) T n-Tricontane (C30)	17.661	6947615	44.500 ug/ml
18) T n-Dotriacontane (C32)	18.490	6812212	43.121 ug/ml
19) T n-Tetratriacontane (C34)	19.271	6594559	42.856 ug/ml
20) T n-Hexatriacontane (C36)	20.006	6283190	42.558 ug/mlm
21) T n-Octatriacontane (C38)	20.732	6084084	41.073 ug/ml
22) T n-Tetracontane (C40)	21.620	6012607	41.251 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
Data File : FC064043.D
Signal(s) : FID1A.ch
Acq On : 03 Jul 2023 22:04
Operator : YP/AJ
Sample : 03473-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

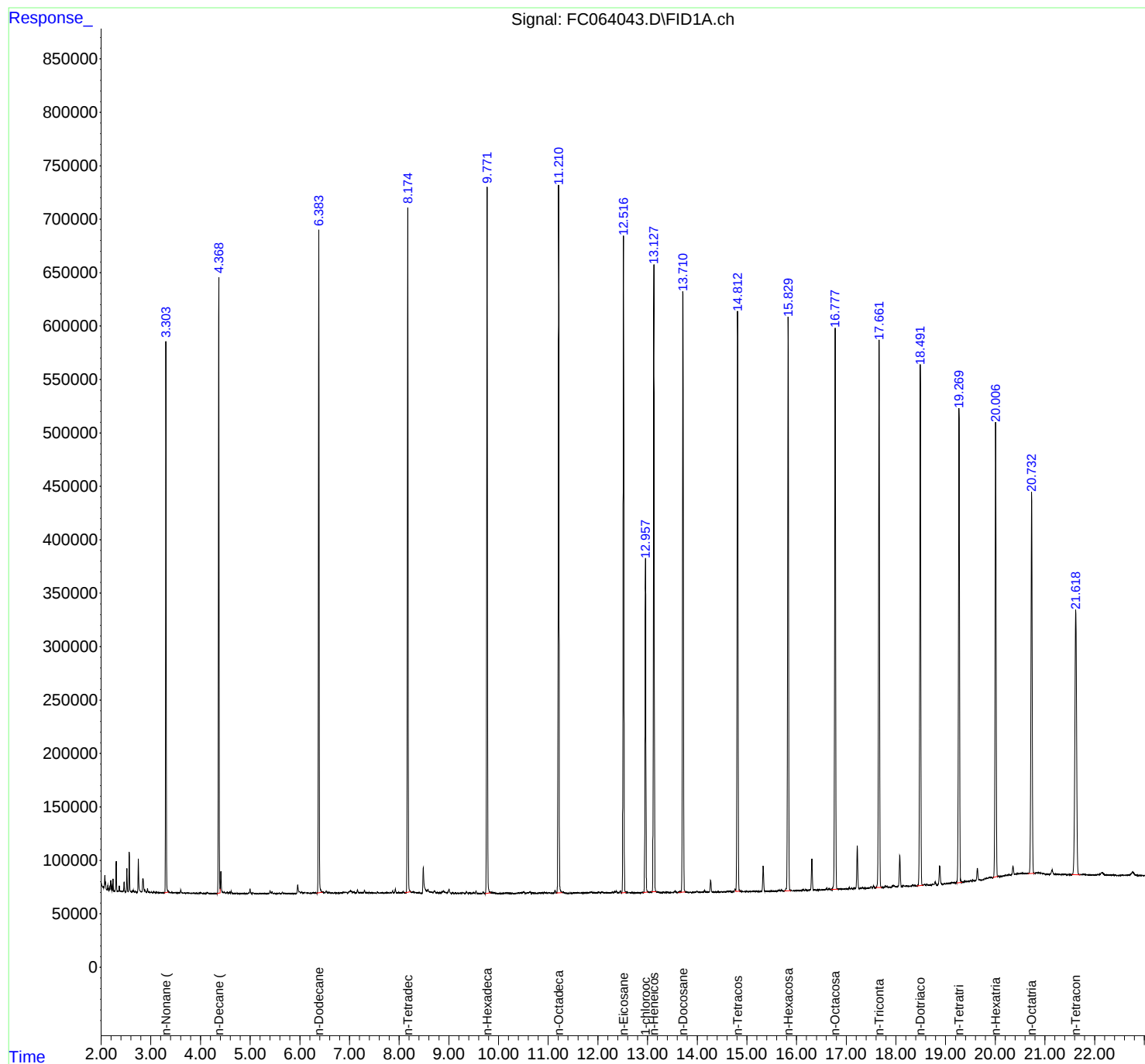
Instrument :
FID_C
ClientSampleId :
CMC-EME-TOPSOIL-006MS

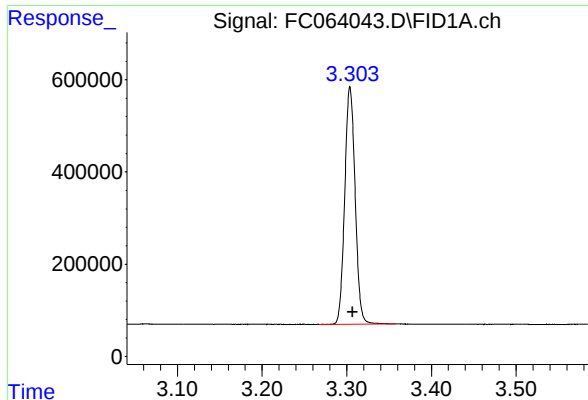
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
Quant Time: Jul 04 05:59:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 04:03:48 2023
Response via : Initial Calibration
Integrator: ChemStation

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





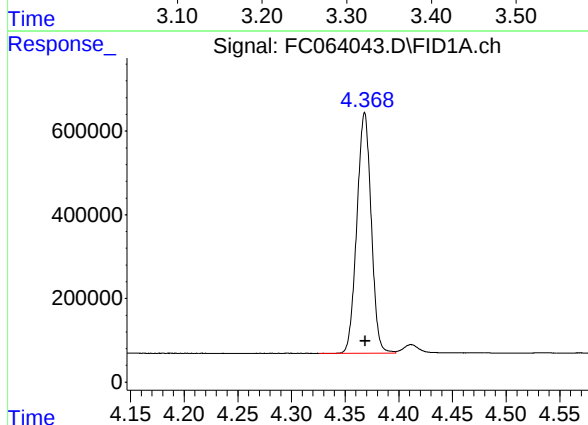
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 4398759
Conc: 24.66 ug/ml

Instrument :
FID_C
ClientSampleId :
CMC-EME-TOPSOIL-006MS

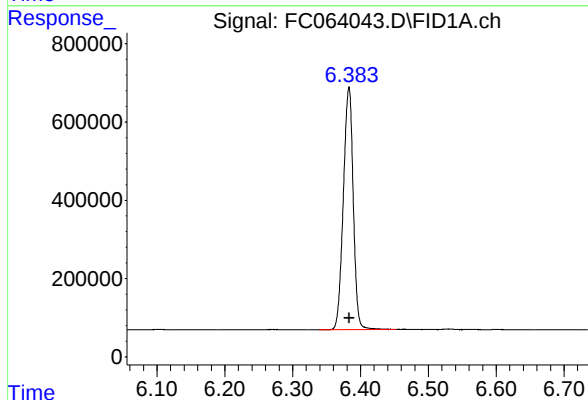
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



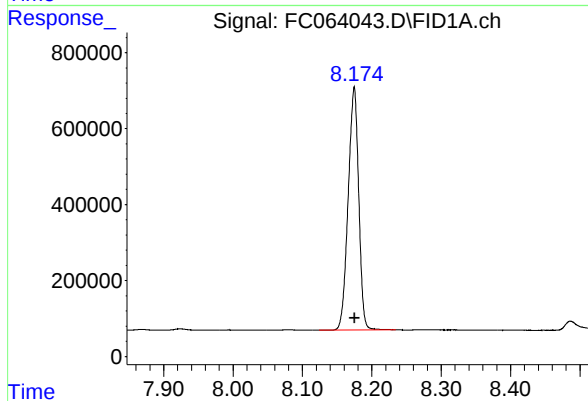
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 5344666
Conc: 29.54 ug/ml



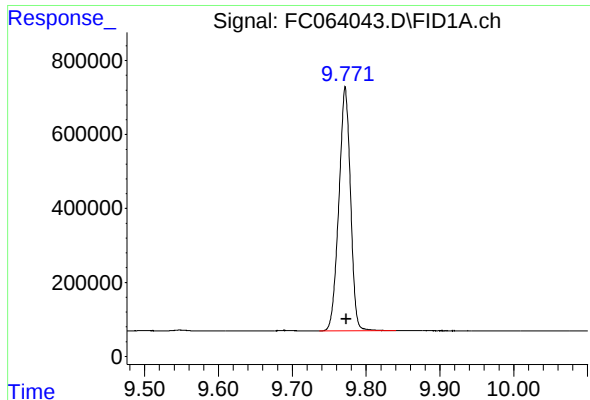
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 6278464
Conc: 34.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 6745472
Conc: 38.99 ug/ml



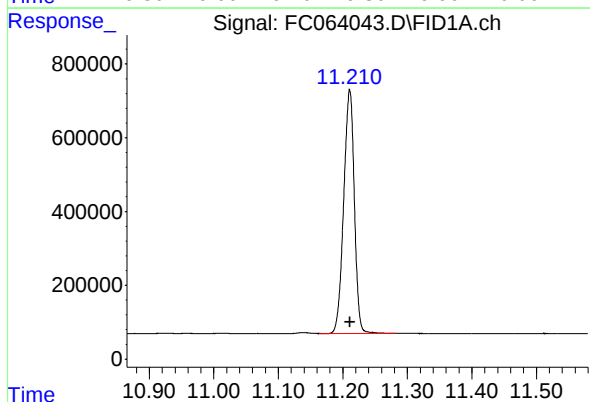
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 7209543
Conc: 41.50 ug/ml

Instrument :
FID_C
ClientSampleId :
CMC-EME-TOPSOIL-006MS

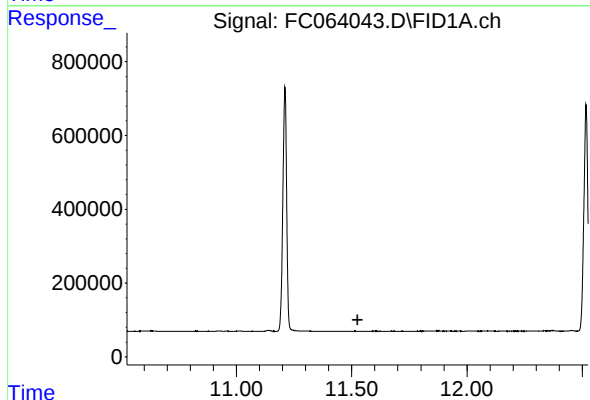
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



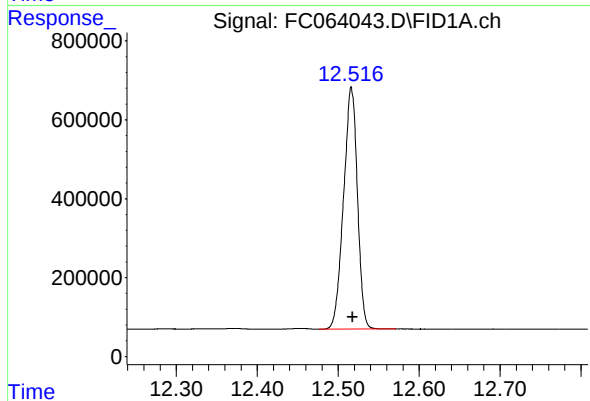
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 7581274
Conc: 43.99 ug/ml



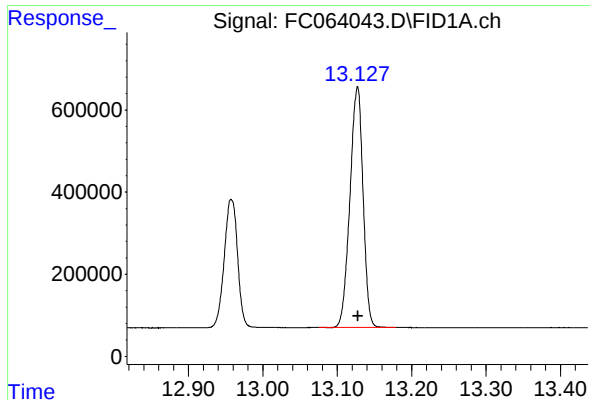
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.525 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.002 min
Response: 7302227
Conc: 44.73 ug/ml



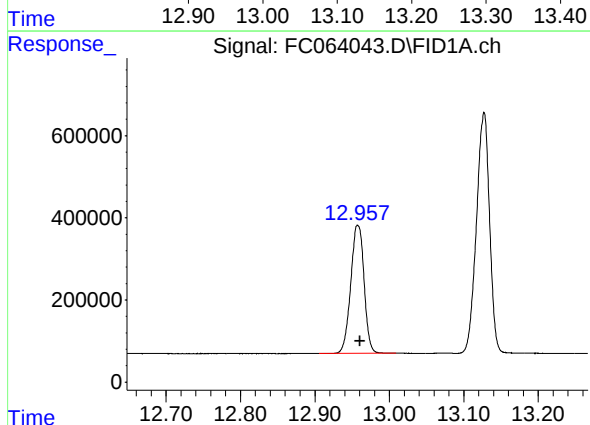
#11 n-Heneicosane (C21)

R.T.: 13.127 min
Delta R.T.: 0.000 min
Response: 7170010
Conc: 44.75 ug/ml

Instrument :
FID_C
ClientSampleId :
CMC-EME-TOPSOIL-006MS

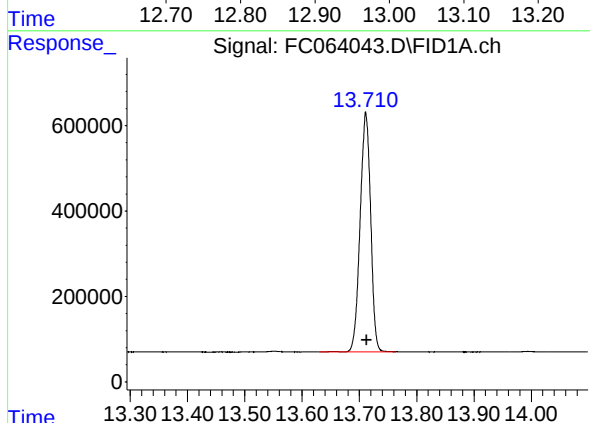
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



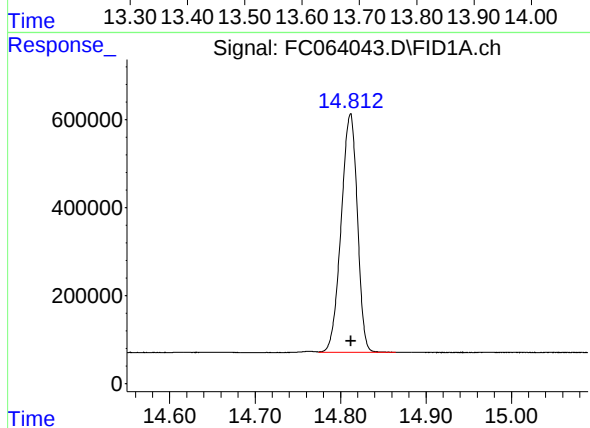
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.003 min
Response: 3883717
Conc: 27.91 ug/ml



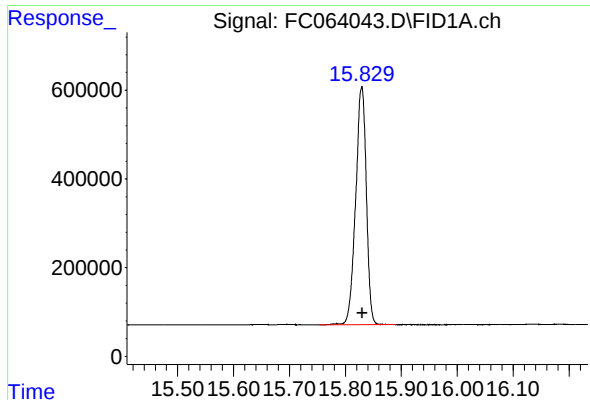
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.002 min
Response: 7151516
Conc: 45.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 7150640
Conc: 45.37 ug/ml



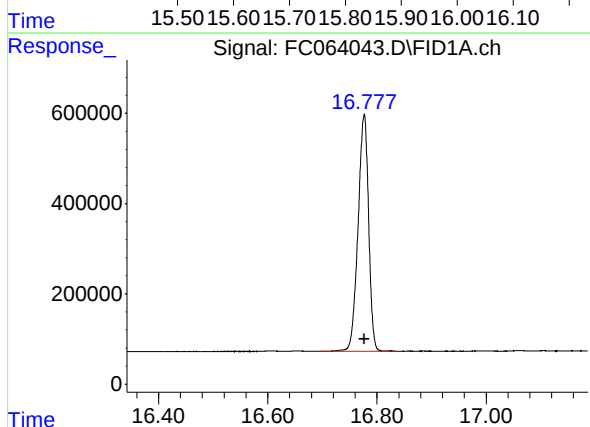
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: 0.000 min
Response: 7122467
Conc: 47.14 ug/ml

Instrument :
FID_C
ClientSampleId :
CMC-EME-TOPSOIL-006MS

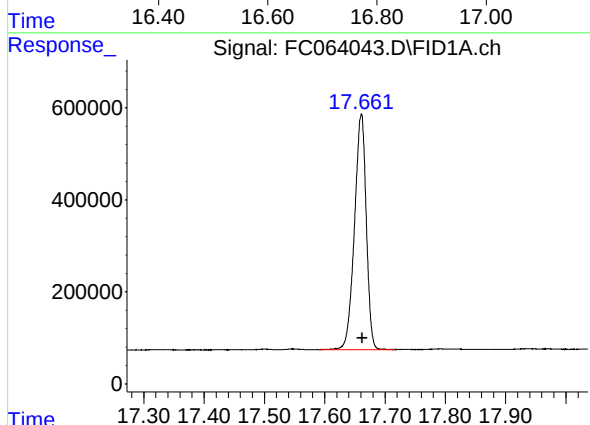
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



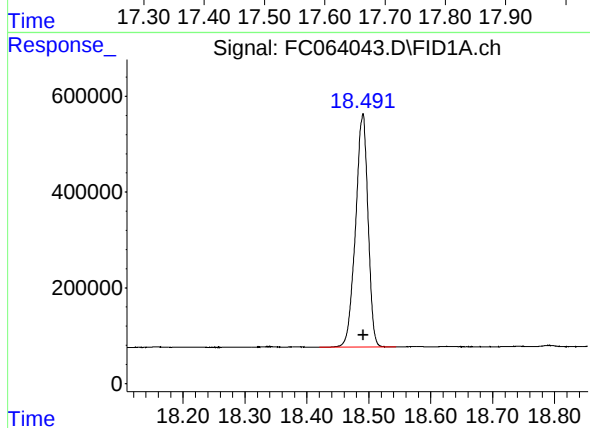
#16 n-Octacosane (C28)

R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 7039093
Conc: 46.72 ug/ml



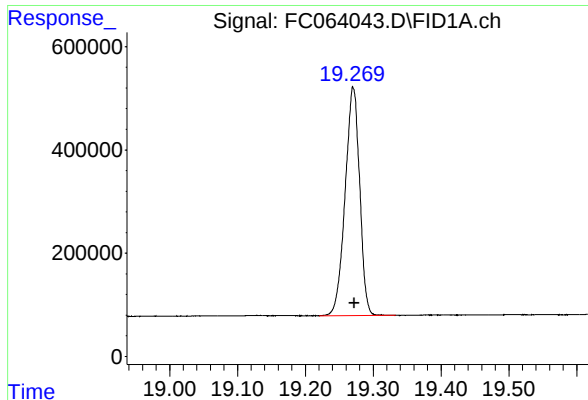
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.001 min
Response: 6947615
Conc: 44.50 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: 0.000 min
Response: 6812212
Conc: 43.12 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.002 min
Response: 6594559
Conc: 42.86 ug/ml

Instrument :

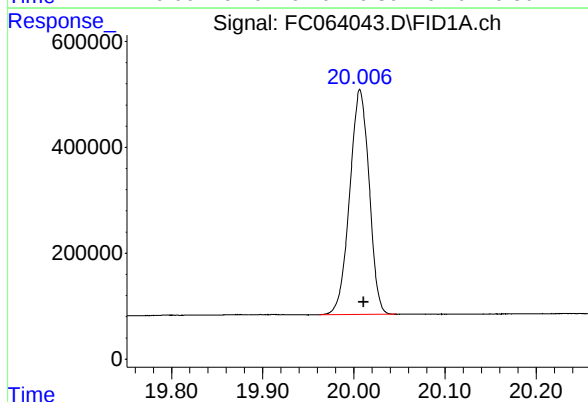
FID_C

ClientSampleId :

CMC-EME-TOPSOIL-006MS

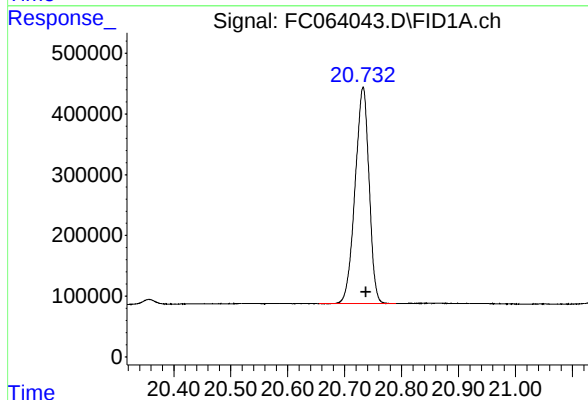
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



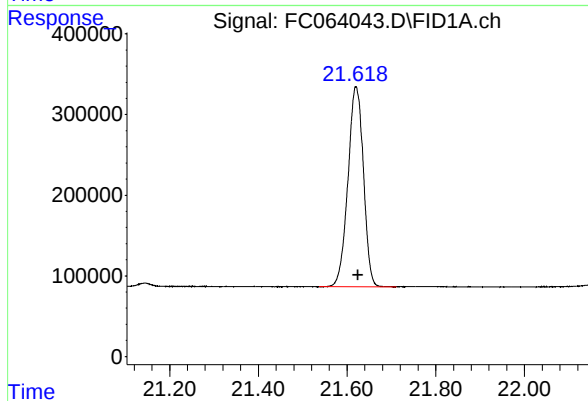
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.004 min
Response: 6283190
Conc: 42.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.005 min
Response: 6084084
Conc: 41.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.005 min
Response: 6012607
Conc: 41.25 ug/ml