

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064044.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 22:52
 Operator : YP/AJ
 Sample : 03473-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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 06:00:19 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	3936976	28.297 ug/ml
Spiked Amount 50.000		Recovery =	56.59%
Target Compounds			
1) T n-Nonane (C9)	3.304	4250074	23.830 ug/ml
2) T n-Decane (C10)	4.369	5189668	28.679 ug/ml
4) T n-Dodecane (C12)	6.383	6146606	34.120 ug/ml
6) T n-Tetradecane (C14)	8.175	6685092	38.645 ug/ml
7) T n-Hexadecane (C16)	9.773	7169697	41.274 ug/ml
8) T n-Octadecane (C18)	11.211	7580189	43.982 ug/ml
10) T n-Eicosane (C20)	12.518	7346597	45.003 ug/ml
11) T n-Heneicosane (C21)	13.128	7227368	45.108 ug/ml
13) T n-Docosane (C22)	13.712	7213297	45.905 ug/ml
14) T n-Tetracosane (C24)	14.812	7235419	45.904 ug/ml
15) T n-Hexacosane (C26)	15.829	7205152	47.689 ug/ml
16) T n-Octacosane (C28)	16.776	7125901	47.291 ug/ml
17) T n-Tricontane (C30)	17.661	7025519	44.999 ug/ml
18) T n-Dotriacontane (C32)	18.490	6851264	43.369 ug/ml
19) T n-Tetratriacontane (C34)	19.273	6617012	43.001 ug/ml
20) T n-Hexatriacontane (C36)	20.008	6292015	42.618 ug/mlm
21) T n-Octatriacontane (C38)	20.732	6082069	41.060 ug/ml
22) T n-Tetracontane (C40)	21.619	6010181	41.234 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
Data File : FC064044.D
Signal(s) : FID1A.ch
Acq On : 03 Jul 2023 22:52
Operator : YP/AJ
Sample : 03473-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

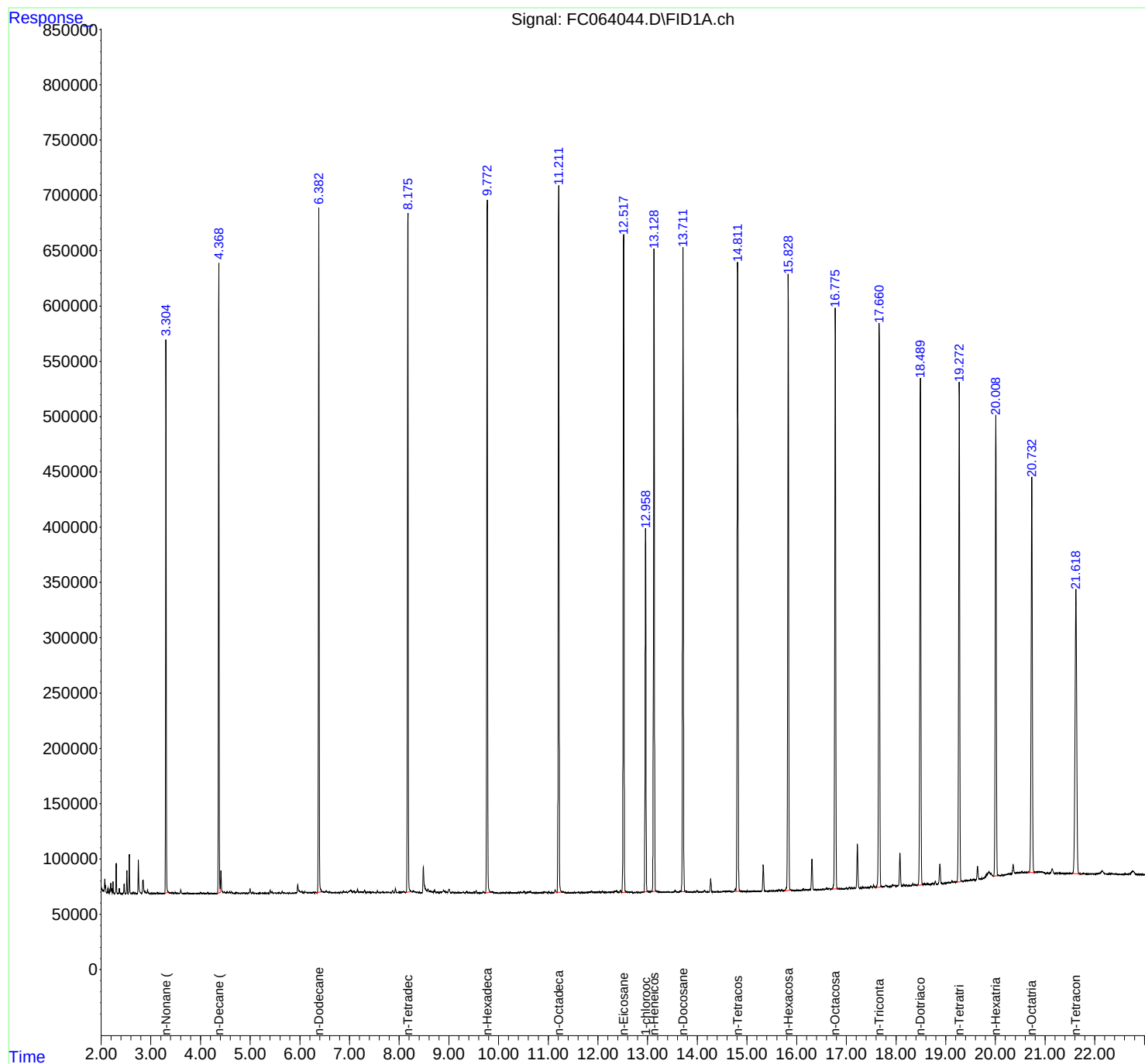
Instrument :
FID_C
ClientSampleId :
CMC-EME-TOPSOIL-006MSD

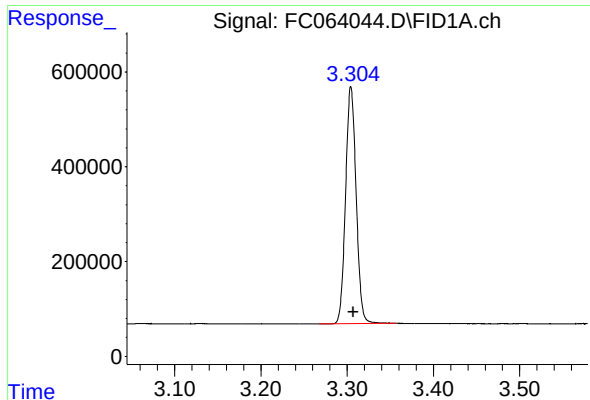
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Jul 04 06:00:19 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





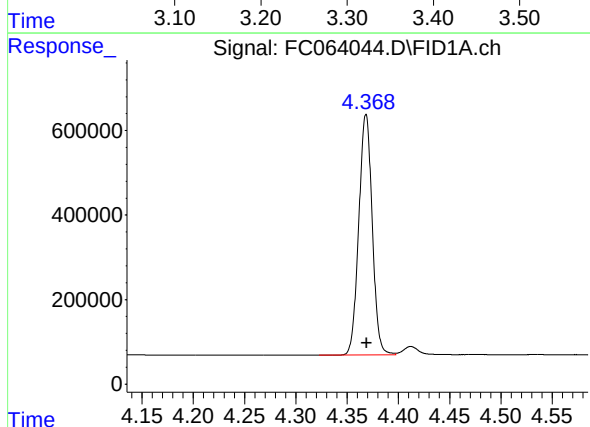
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 4250074
Conc: 23.83 ug/ml

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

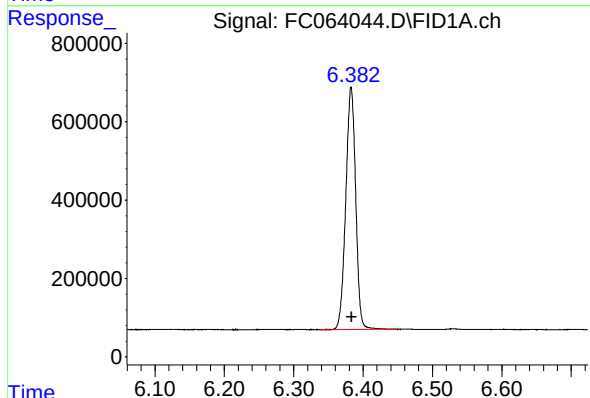
Manual Integrations
APPROVED

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



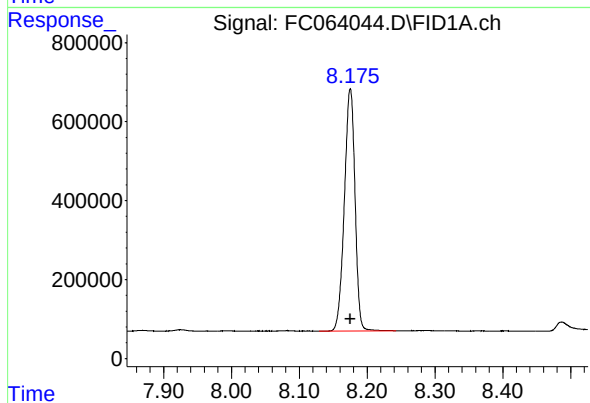
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 5189668
Conc: 28.68 ug/ml



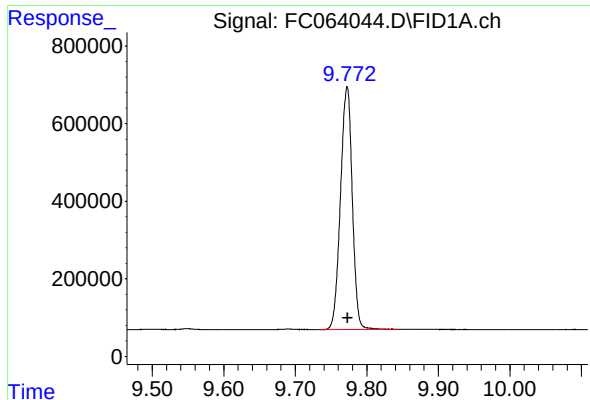
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 6146606
Conc: 34.12 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 6685092
Conc: 38.64 ug/ml



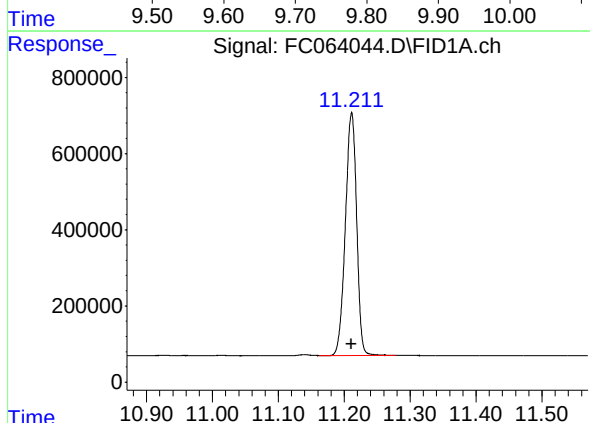
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 7169697
Conc: 41.27 ug/ml

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

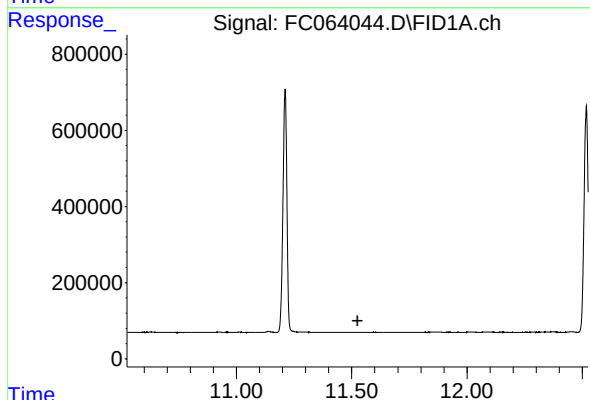
Manual Integrations
APPROVED

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



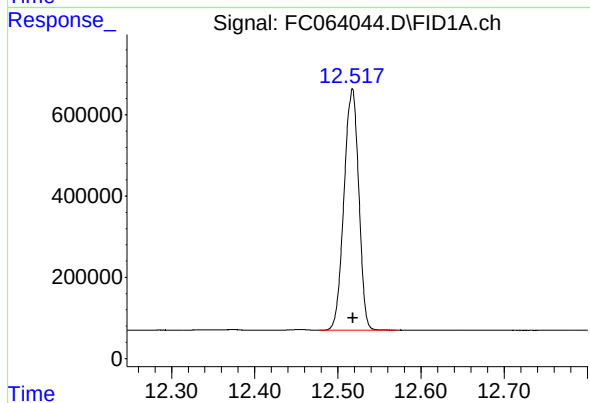
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: 0.000 min
Response: 7580189
Conc: 43.98 ug/ml



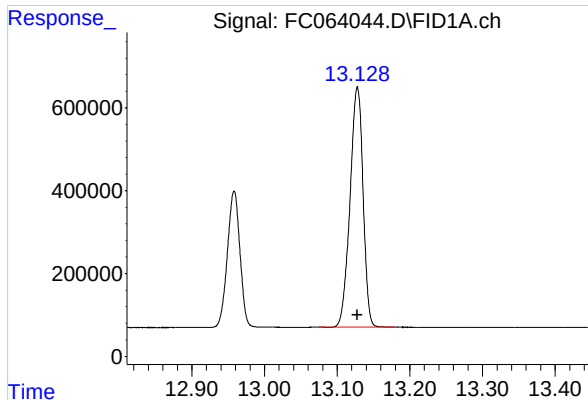
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 7346597
Conc: 45.00 ug/ml



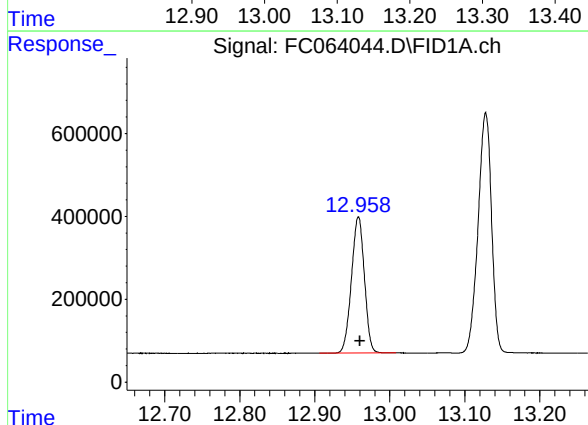
#11 n-Heneicosane (C21)

R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 7227368
Conc: 45.11 ug/ml

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

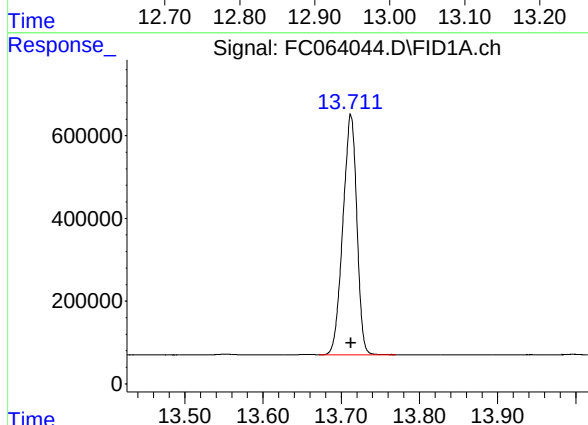
Manual Integrations
APPROVED

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



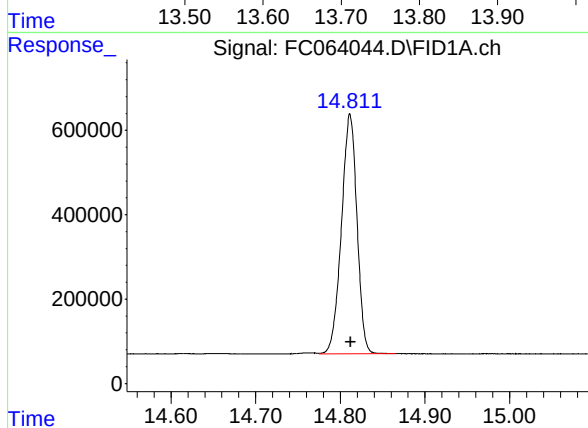
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.002 min
Response: 3936976
Conc: 28.30 ug/ml



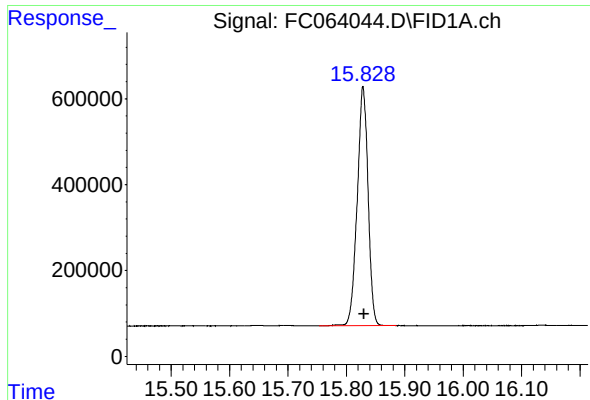
#13 n-Docosane (C22)

R.T.: 13.712 min
Delta R.T.: 0.000 min
Response: 7213297
Conc: 45.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 7235419
Conc: 45.90 ug/ml



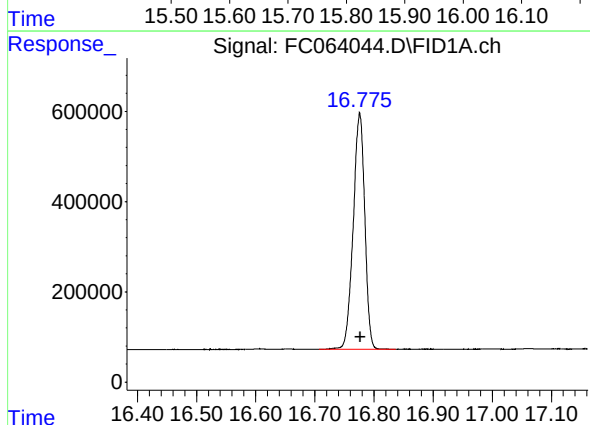
#15 n-Hexacosane (C26)

R.T.: 15.829 min
Delta R.T.: -0.002 min
Response: 7205152
Conc: 47.69 ug/ml

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

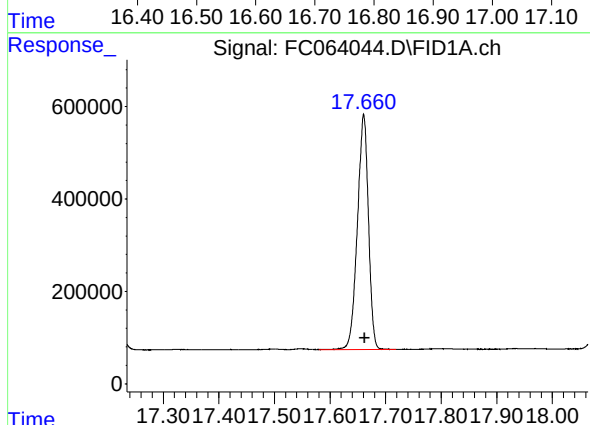
Manual Integrations
APPROVED

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



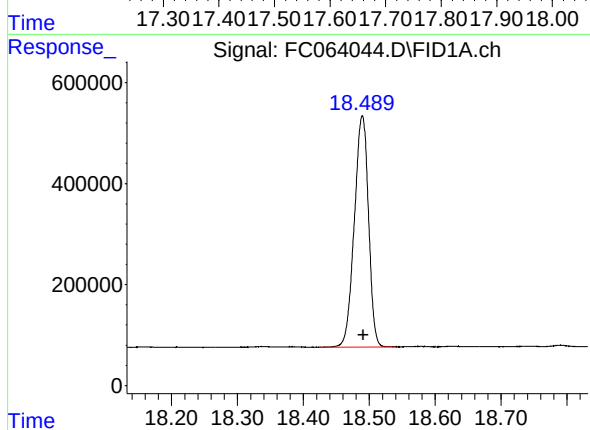
#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 7125901
Conc: 47.29 ug/ml



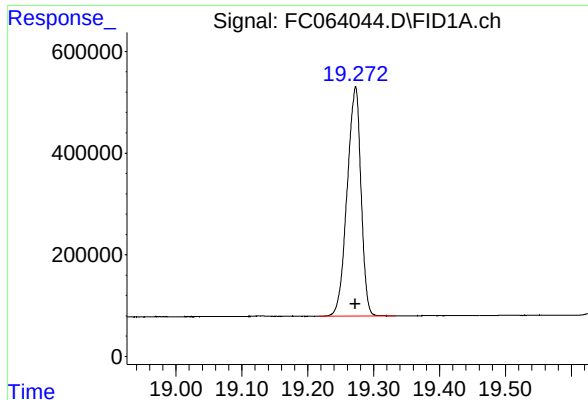
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.001 min
Response: 7025519
Conc: 45.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.001 min
Response: 6851264
Conc: 43.37 ug/ml



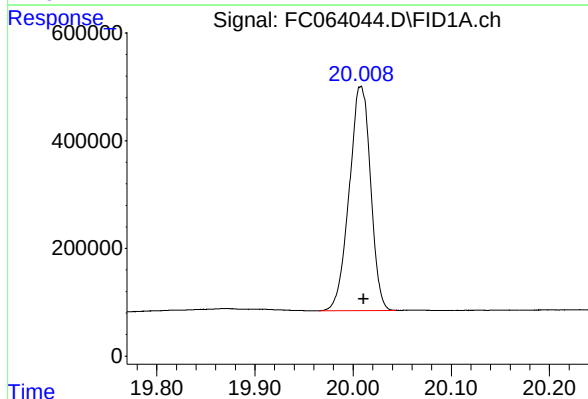
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: 0.000 min
Response: 6617012
Conc: 43.00 ug/ml

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

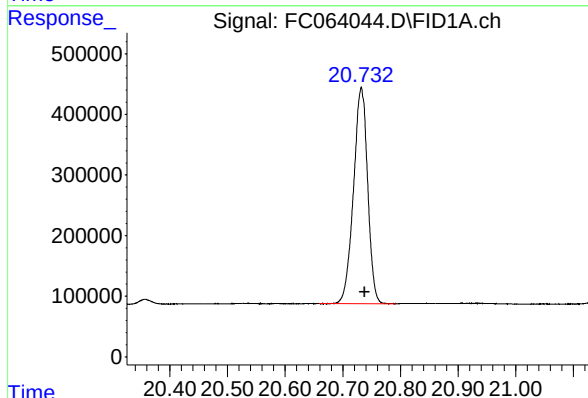
Manual Integrations
APPROVED

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



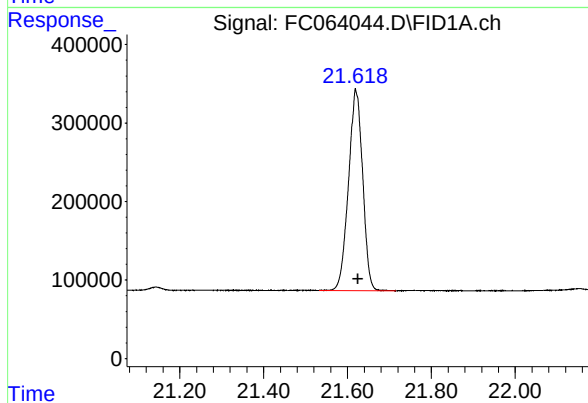
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.003 min
Response: 6292015
Conc: 42.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.005 min
Response: 6082069
Conc: 41.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.006 min
Response: 6010181
Conc: 41.23 ug/ml