

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AL\
 Data File : FD048479.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 11:40
 Operator : YP/AJ
 Sample : P4368-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 05:28:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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			
12) S 1-chlorooctadecane (S...	12.707	6572489	43.935 ug/ml
Spiked Amount 50.000		Recovery =	87.87%
Target Compounds			
1) T n-Nonane (C9)	3.127	443011	2.638 ug/ml
2) T n-Decane (C10)	4.172	546402	3.148 ug/ml
4) T n-Dodecane (C12)	6.164	667653	3.813 ug/ml
6) T n-Tetradecane (C14)	7.944	655020	3.754 ug/ml
7) T n-Hexadecane (C16)	9.534	663873	3.684 ug/ml
8) T n-Octadecane (C18)	10.966	715413	3.941 ug/ml
10) T n-Eicosane (C20)	12.267	773330	4.434 ug/ml
11) T n-Heneicosane (C21)	12.875	772032	4.512 ug/ml
13) T n-Docosane (C22)	13.457	766883	4.490 ug/ml
14) T n-Tetracosane (C24)	14.554	825819	4.876 ug/ml
15) T n-Hexacosane (C26)	15.570	726405	4.388 ug/ml
16) T n-Octacosane (C28)	16.513	733794	4.457 ug/ml
17) T n-Tricontane (C30)	17.394	700737	4.087 ug/ml
18) T n-Dotriacontane (C32)	18.223	699648	4.182 ug/ml
19) T n-Tetratriacontane (C34)	19.002	674919	4.678 ug/ml
20) T n-Hexatriacontane (C36)	19.738	619336	5.158 ug/ml
21) T n-Octatriacontane (C38)	20.433	576761	5.151 ug/mlm
22) T n-Tetracontane (C40)	21.217	509050	5.085 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AL\
Data File : FD048479.D
Signal(s) : FID2B.ch
Acq On : 12 Oct 2024 11:40
Operator : YP/AJ
Sample : P4368-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

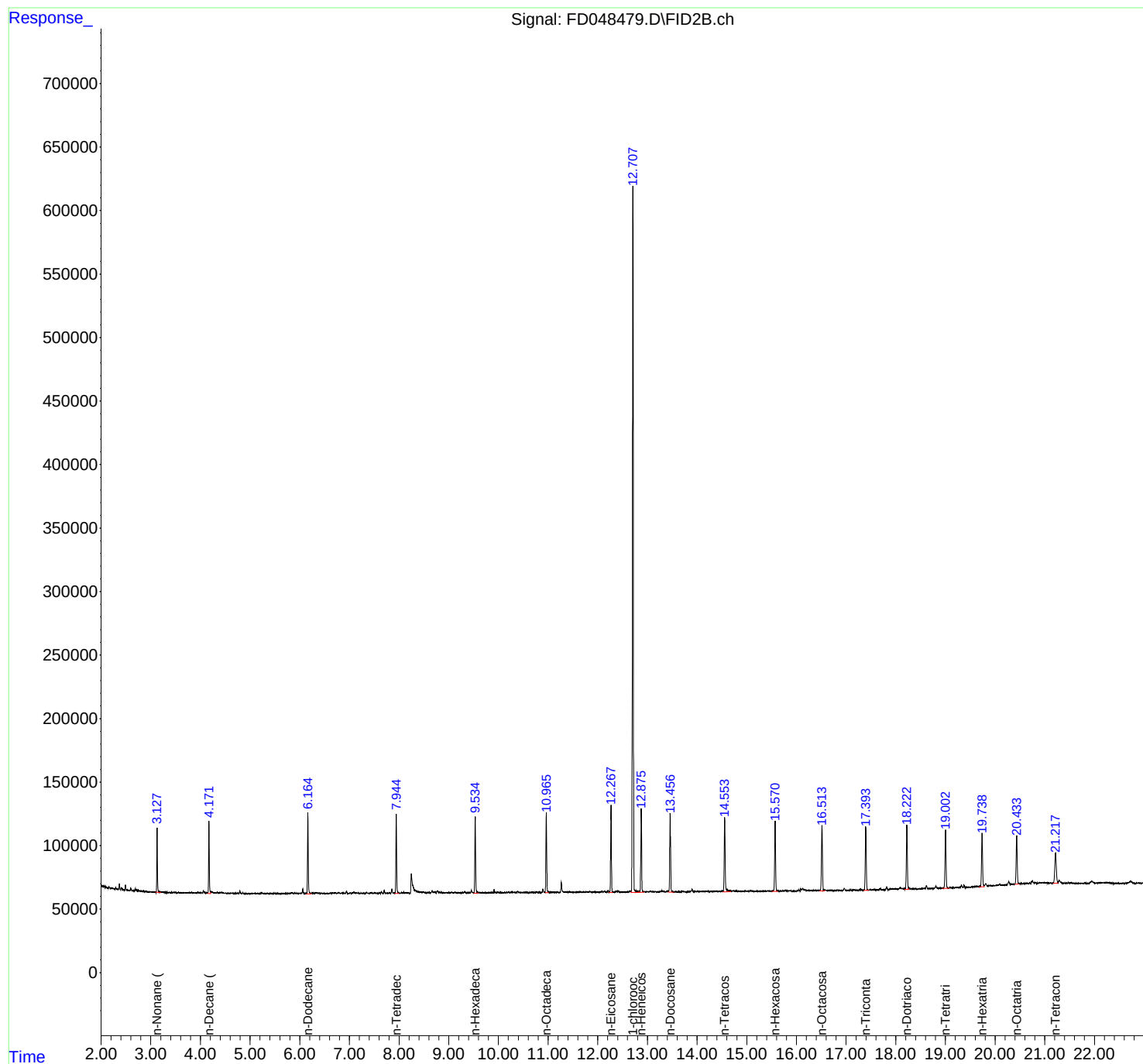
Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

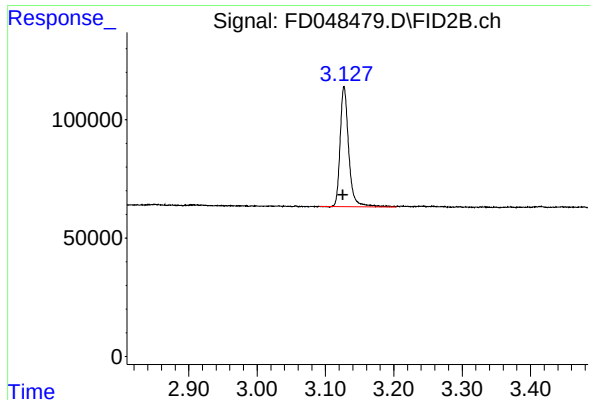
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
Quant Time: Oct 14 05:28:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.
Quant Title : GC Extractables
QLast Update : Thu Oct 10 14:48:19 2024
Response via : Initial Calibration
Integrator: ChemStation

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





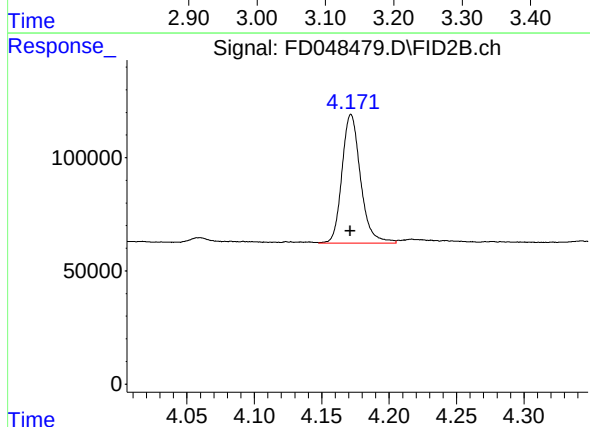
#1 n-Nonane (C9)

R.T.: 3.127 min
Delta R.T.: 0.001 min
Response: 443011
Conc: 2.64 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

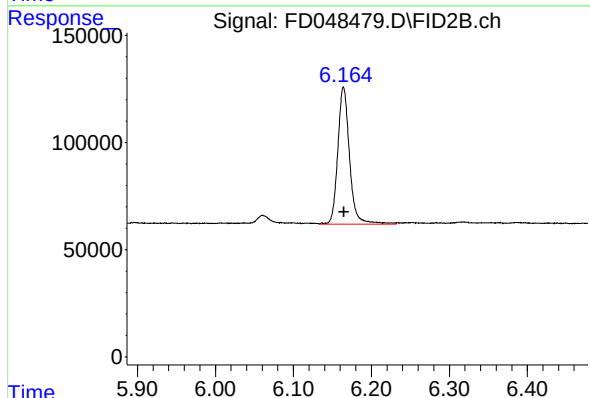
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



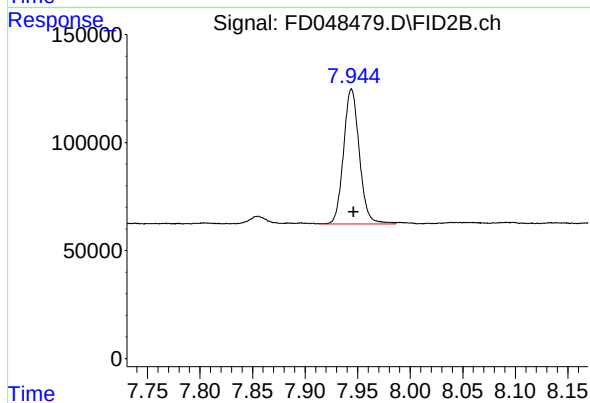
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 546402
Conc: 3.15 ug/ml



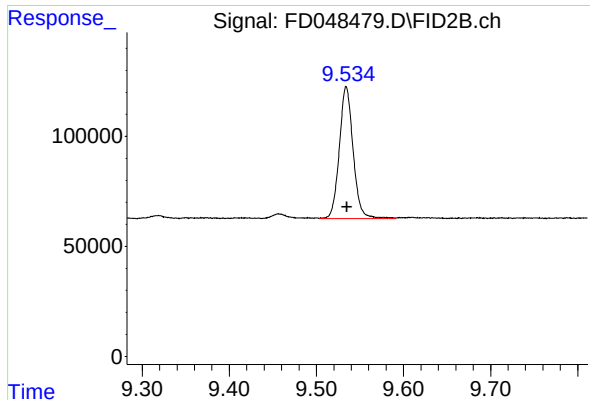
#4 n-Dodecane (C12)

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 667653
Conc: 3.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.944 min
Delta R.T.: -0.002 min
Response: 655020
Conc: 3.75 ug/ml



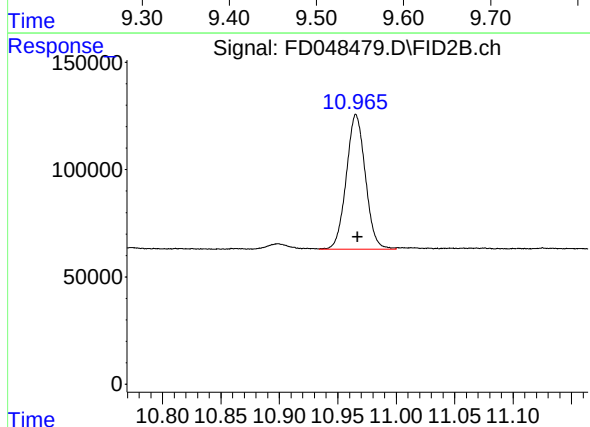
#7 n-Hexadecane (C16)

R.T.: 9.534 min
Delta R.T.: 0.000 min
Response: 663873
Conc: 3.68 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

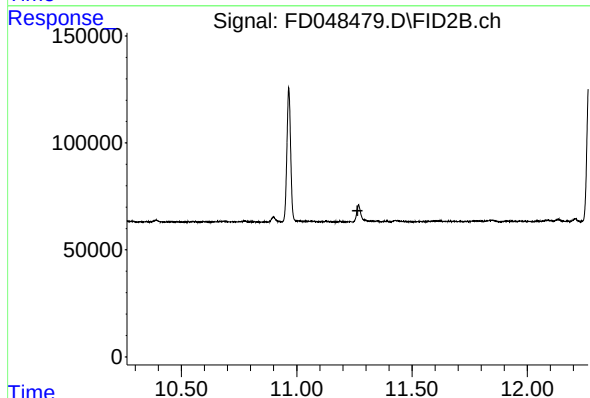
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



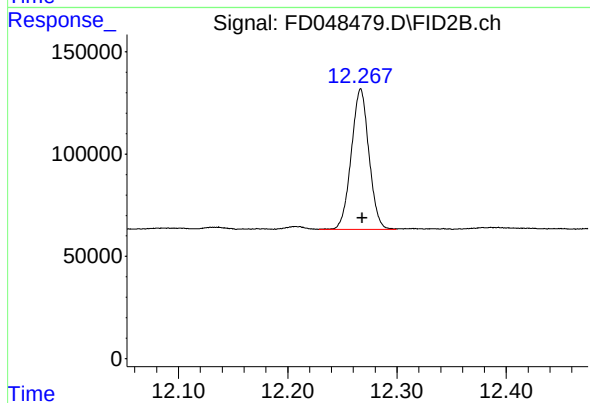
#8 n-Octadecane (C18)

R.T.: 10.966 min
Delta R.T.: -0.001 min
Response: 715413
Conc: 3.94 ug/ml



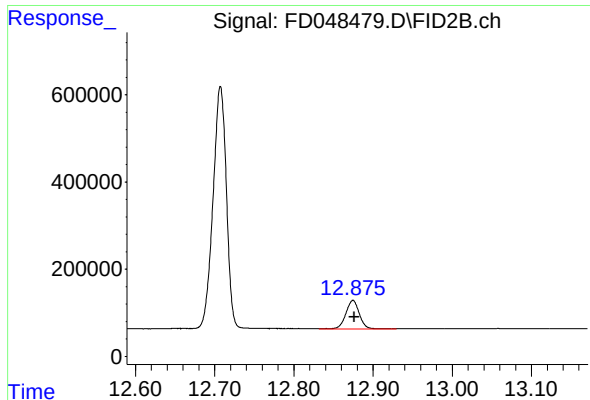
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.264 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.267 min
Delta R.T.: -0.001 min
Response: 773330
Conc: 4.43 ug/ml



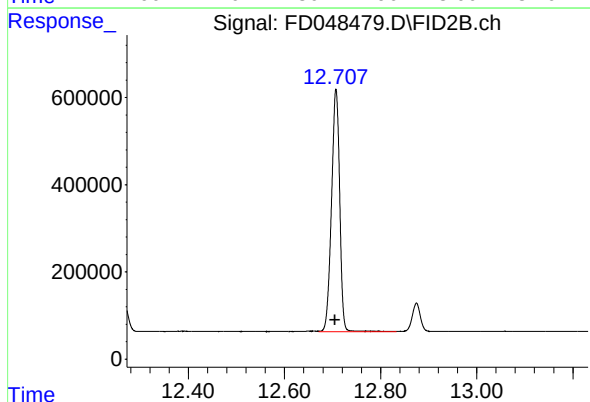
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.002 min
Response: 772032
Conc: 4.51 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

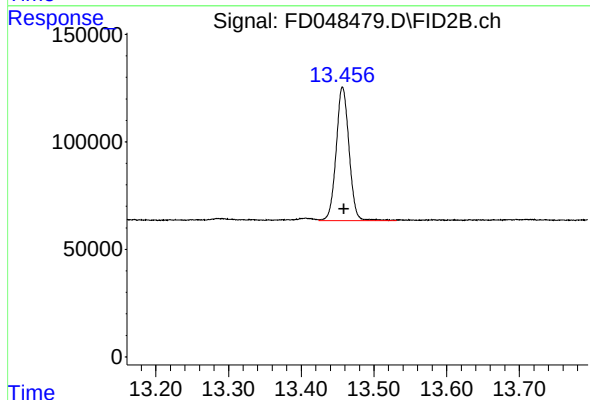
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



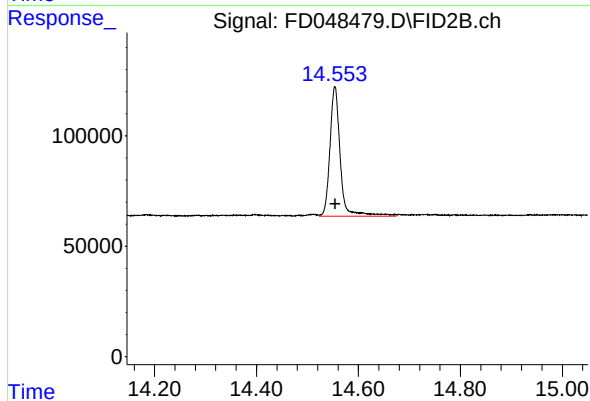
#12 1-chlorooctadecane (SURR)

R.T.: 12.707 min
Delta R.T.: 0.002 min
Response: 6572489
Conc: 43.93 ug/ml



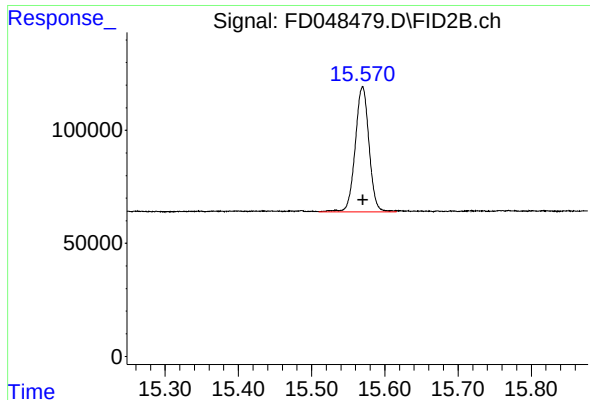
#13 n-Docosane (C22)

R.T.: 13.457 min
Delta R.T.: -0.002 min
Response: 766883
Conc: 4.49 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.554 min
Delta R.T.: -0.001 min
Response: 825819
Conc: 4.88 ug/ml



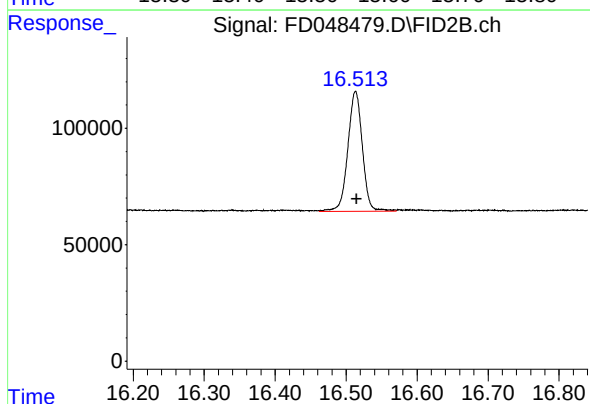
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 726405
Conc: 4.39 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

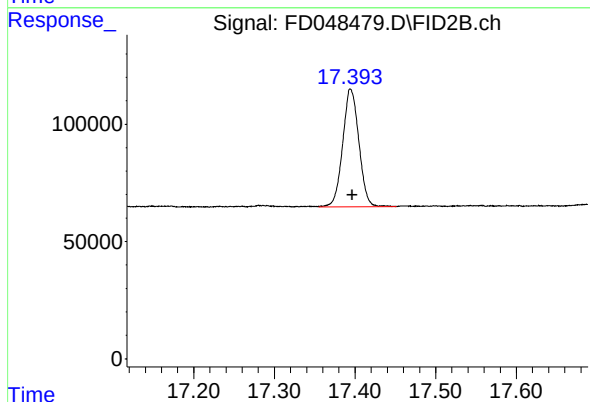
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



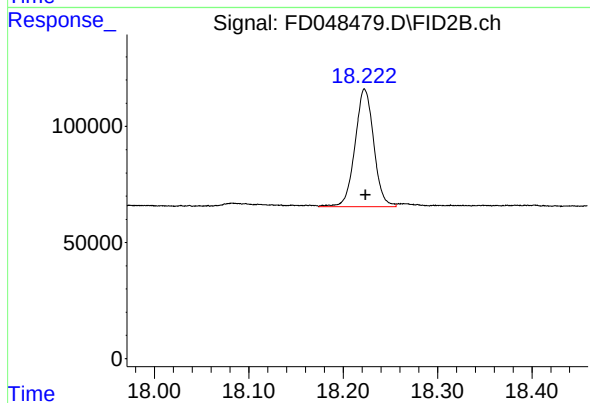
#16 n-Octacosane (C28)

R.T.: 16.513 min
Delta R.T.: -0.001 min
Response: 733794
Conc: 4.46 ug/ml



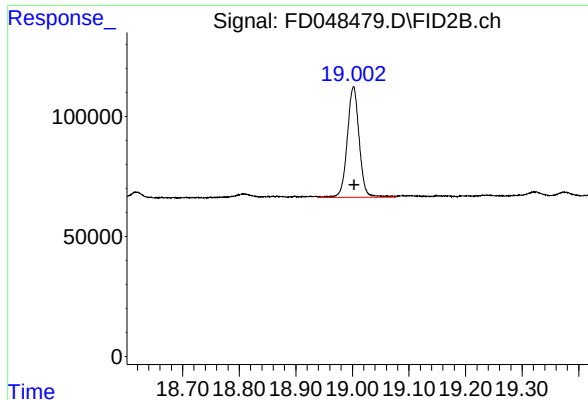
#17 n-Tricontane (C30)

R.T.: 17.394 min
Delta R.T.: -0.002 min
Response: 700737
Conc: 4.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.223 min
Delta R.T.: 0.000 min
Response: 699648
Conc: 4.18 ug/ml



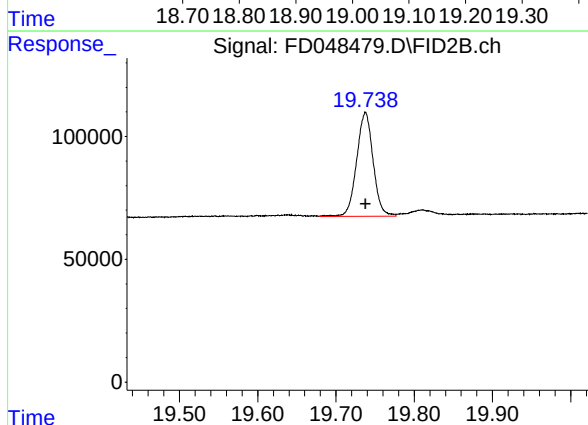
#19 n-Tetratriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.001 min
Response: 674919
Conc: 4.68 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2024

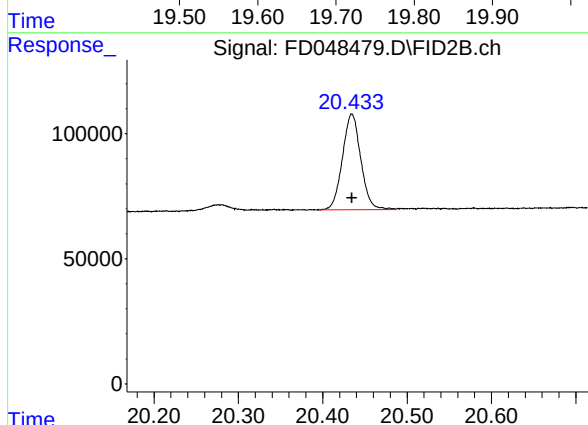
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



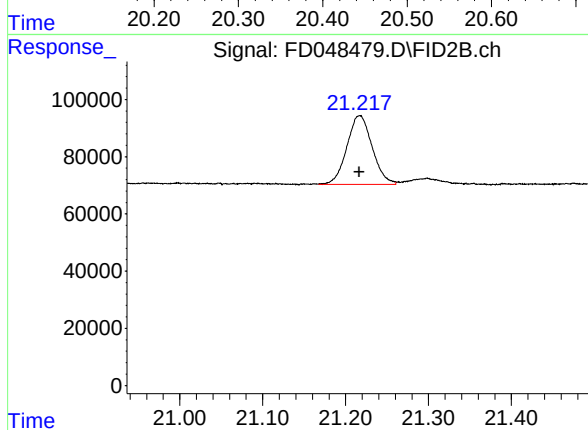
#20 n-Hexatriacontane (C36)

R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 619336
Conc: 5.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.433 min
Delta R.T.: -0.001 min
Response: 576761
Conc: 5.15 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 509050
Conc: 5.08 ug/ml m