Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
Data File : FD044053.D
Signal(s) : FID2B.ch
Acq On : 07 Oct 2022 00:49
Operator : YP/AJ
Sample : N4955-02
Misc : 5 PPM SOIL LOQ
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
Quant Time: Oct 07 04:26:20 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
Quant Title : GC Extractables
QLast Update : Thu Oct 06 01:41:44 2022
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...	12.721	3075321	24.453 ug/ml
Spiked Amount 50.000		Recovery =	48.91%
Target Compounds			
1) T n-Nonane (C9)	3.141	282905	2.095 ug/mlm
2) T n-Decane (C10)	4.192	341499	2.542 ug/mlm
4) T n-Dodecane (C12)	6.188	521064	3.750 ug/mlm
6) T n-Tetradecane (C14)	7.968	458557	3.294 ug/ml
7) T n-Hexadecane (C16)	9.554	447348	3.172 ug/ml
8) T n-Octadecane (C18)	10.983	506095	3.481 ug/ml
10) T n-Eicosane (C20)	12.280	530422	3.577 ug/ml
11) T n-Heneicosane (C21)	12.887	546303	3.641 ug/ml
13) T n-Docosane (C22)	13.467	550371	3.661 ug/ml
14) T n-Tetracosane (C24)	14.559	545177	3.612 ug/ml
15) T n-Hexacosane (C26)	15.569	554913	3.665 ug/ml
16) T n-Octacosane (C28)	16.509	557275	3.699 ug/ml
17) T n-Tricontane (C30)	17.387	561241	3.662 ug/ml
18) T n-Dotriacontane (C32)	18.209	563043	3.671 ug/ml
19) T n-Tetratriacontane (C34)	18.984	544782	3.701 ug/ml
20) T n-Hexatriacontane (C36)	19.715	512457	3.495 ug/ml
21) T n-Octatriacontane (C38)	20.406	466339	3.343 ug/ml
22) T n-Tetracontane (C40)	21.167	425190	3.269 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
Data File : FD044053.D
Signal(s) : FID2B.ch
Acq On : 07 Oct 2022 00:49
Operator : YP/AJ
Sample : N4955-02
Misc : 5 PPM SOIL LOQ
ALS Vial : 63 Sample Multiplier: 1

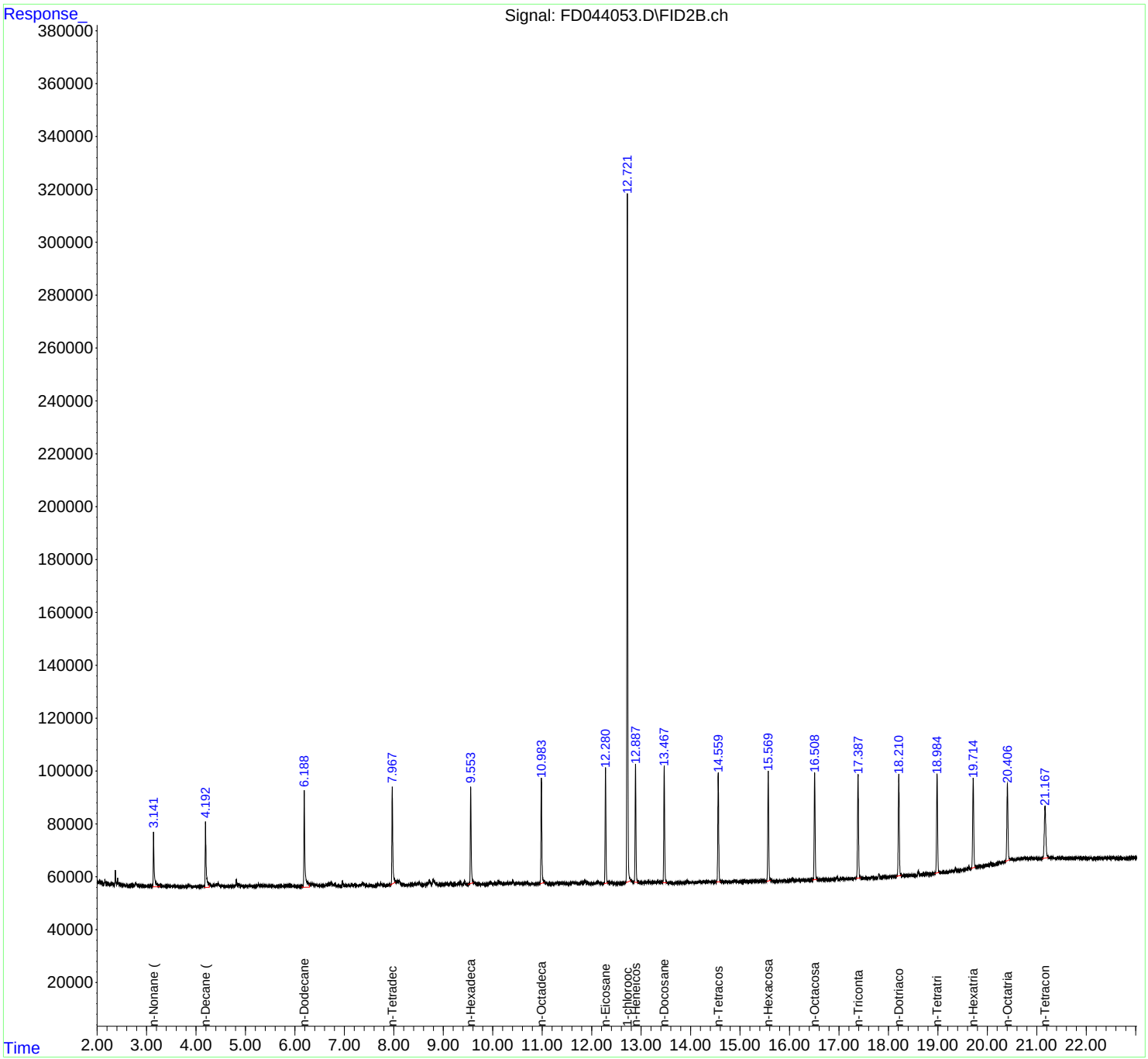
Integration File: autoint1.e
Quant Time: Oct 07 04:26:20 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
Quant Title : GC Extractables
QLast Update : Thu Oct 06 01:41:44 2022
Response via : Initial Calibration
Integrator: ChemStation

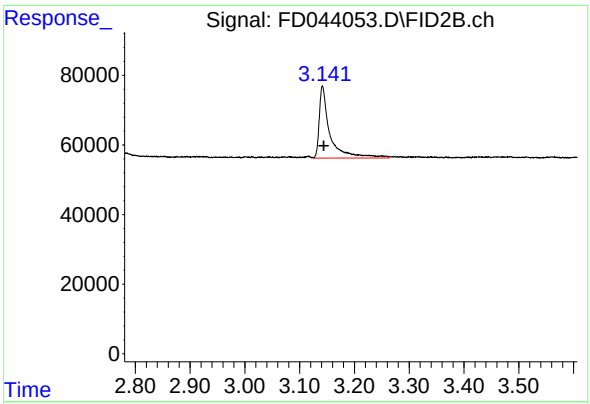
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022





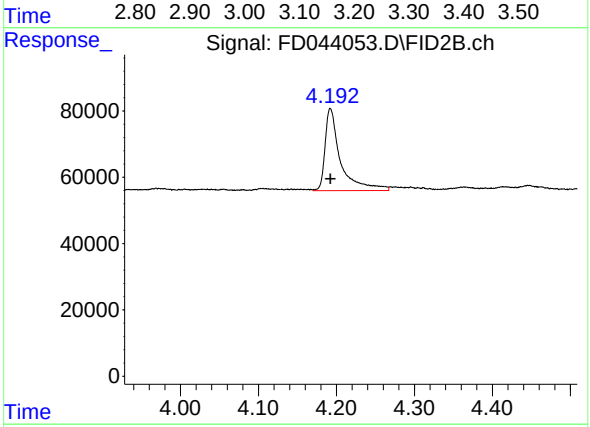
#1 n-Nonane (C9)

R.T.: 3.141 min
Delta R.T.: -0.003 min
Response: 282905
Conc: 2.10 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

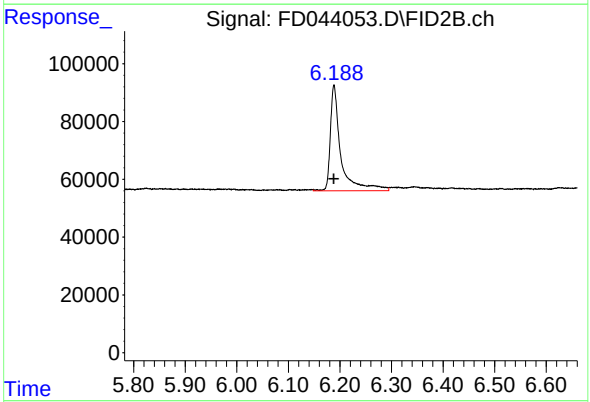
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



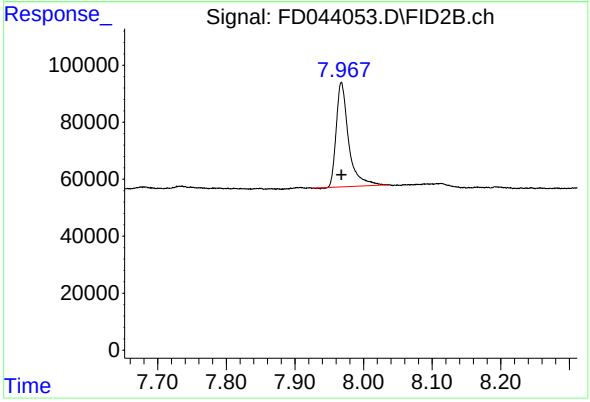
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.000 min
Response: 341499
Conc: 2.54 ug/ml m



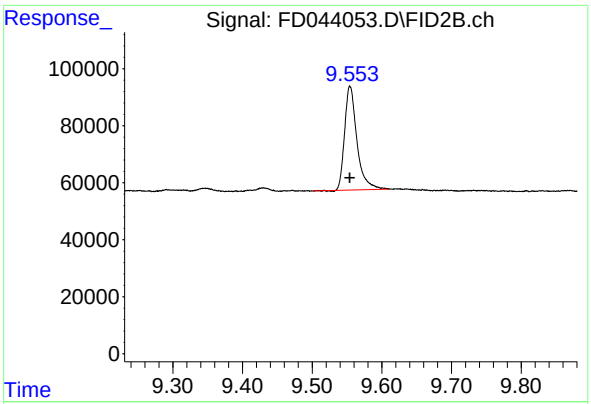
#4 n-Dodecane (C12)

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 521064
Conc: 3.75 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 458557
Conc: 3.29 ug/ml



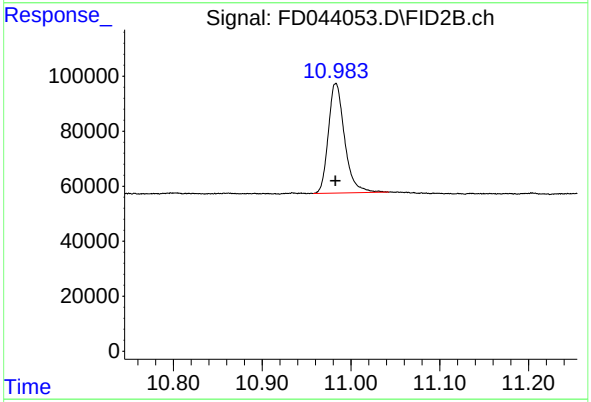
#7 n-Hexadecane (C16)

R.T.: 9.554 min
Delta R.T.: 0.000 min
Response: 447348
Conc: 3.17 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

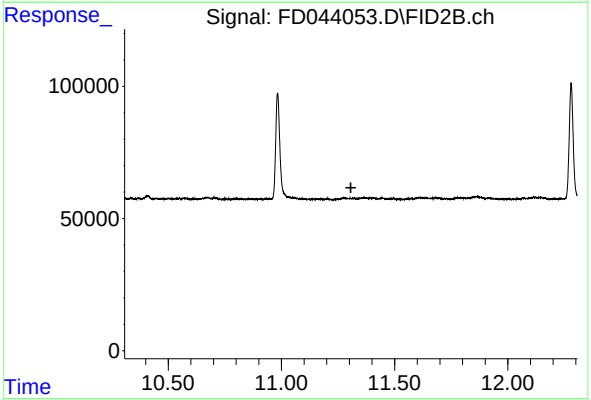
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



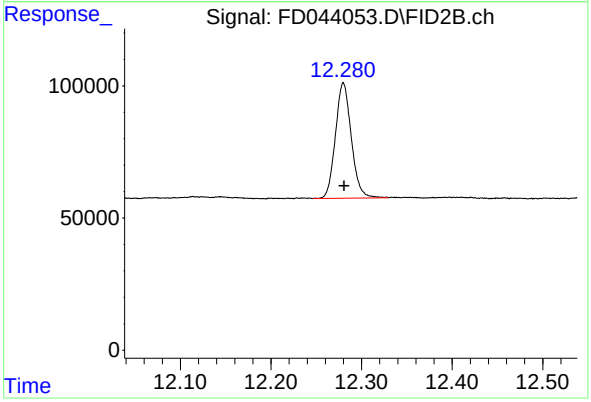
#8 n-Octadecane (C18)

R.T.: 10.983 min
Delta R.T.: 0.000 min
Response: 506095
Conc: 3.48 ug/ml



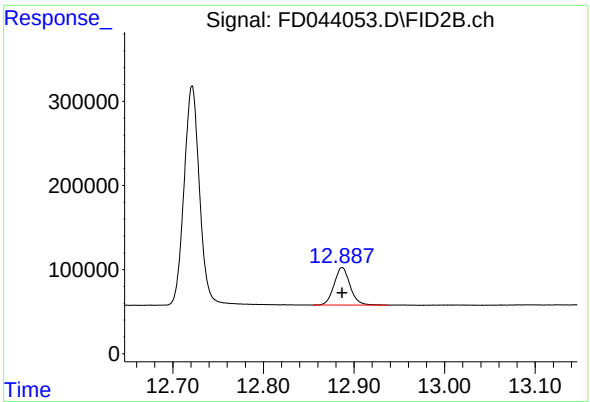
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.280 min
Delta R.T.: 0.000 min
Response: 530422
Conc: 3.58 ug/ml



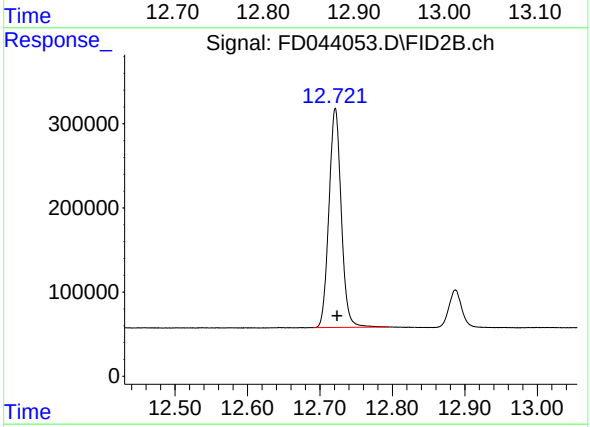
#11 n-Heneicosane (C21)

R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 546303
Conc: 3.64 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

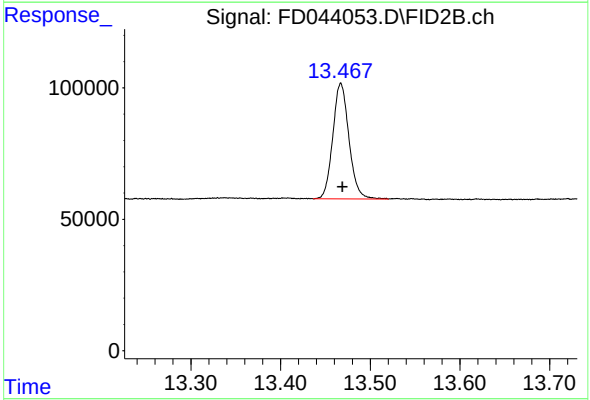
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



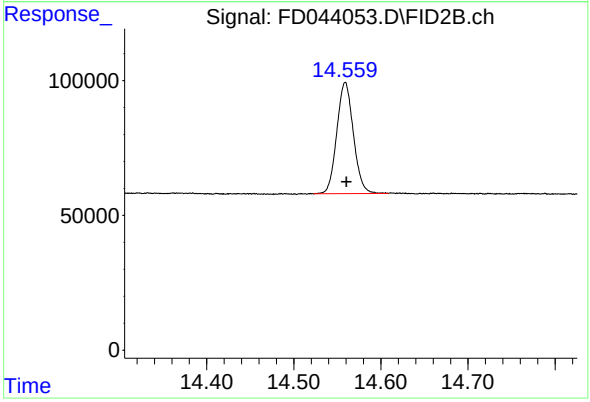
#12 1-chlorooctadecane (SURR)

R.T.: 12.721 min
Delta R.T.: -0.002 min
Response: 3075321
Conc: 24.45 ug/ml



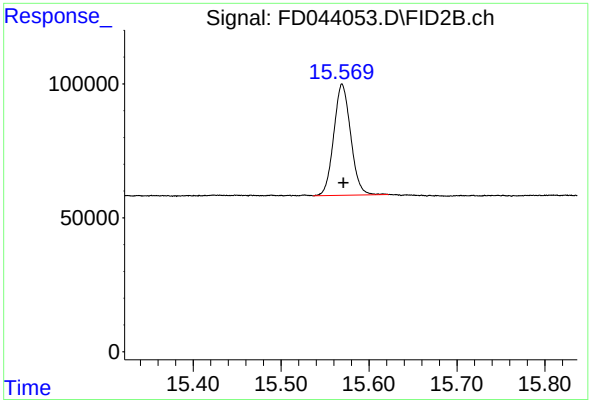
#13 n-Docosane (C22)

R.T.: 13.467 min
Delta R.T.: -0.002 min
Response: 550371
Conc: 3.66 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: -0.002 min
Response: 545177
Conc: 3.61 ug/ml



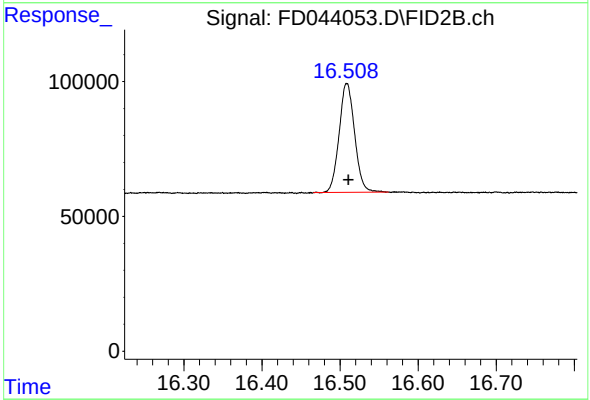
#15 n-Hexacosane (C26)

R.T.: 15.569 min
Delta R.T.: -0.001 min
Response: 554913
Conc: 3.66 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

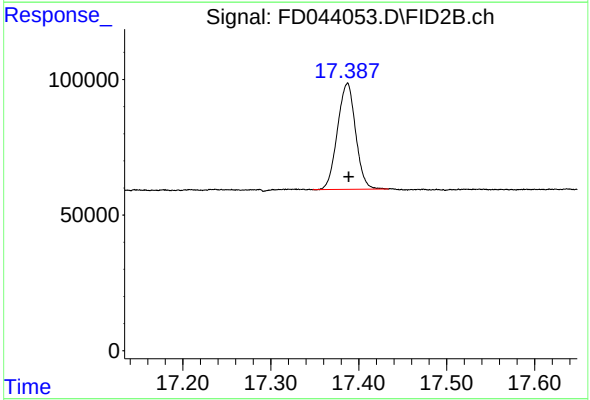
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



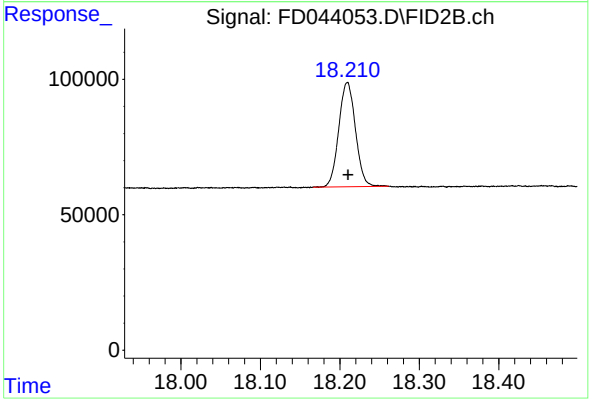
#16 n-Octacosane (C28)

R.T.: 16.509 min
Delta R.T.: -0.002 min
Response: 557275
Conc: 3.70 ug/ml



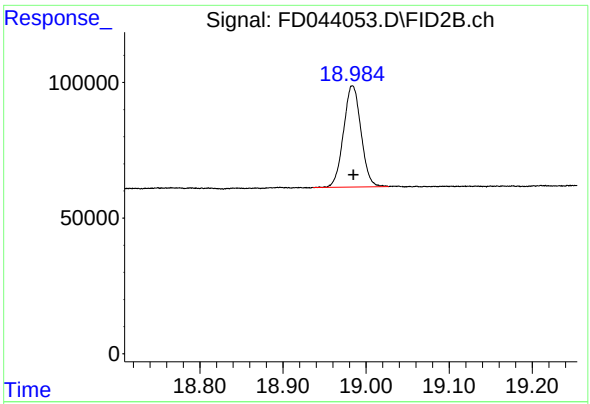
#17 n-Tricontane (C30)

R.T.: 17.387 min
Delta R.T.: -0.002 min
Response: 561241
Conc: 3.66 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.209 min
Delta R.T.: -0.001 min
Response: 563043
Conc: 3.67 ug/ml



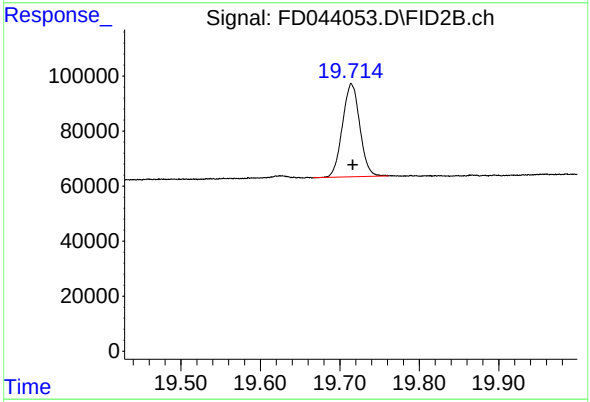
#19 n-Tetratriacontane (C34)

R.T.: 18.984 min
Delta R.T.: -0.001 min
Response: 544782
Conc: 3.70 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-SOIL-02-QT4-2022

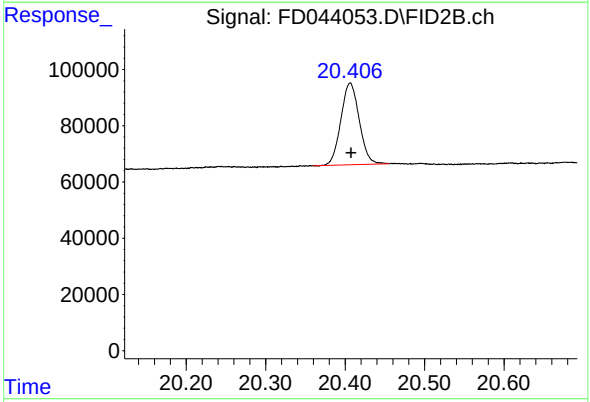
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/07/2022
Supervised By :Ankita Jodhani 10/07/2022



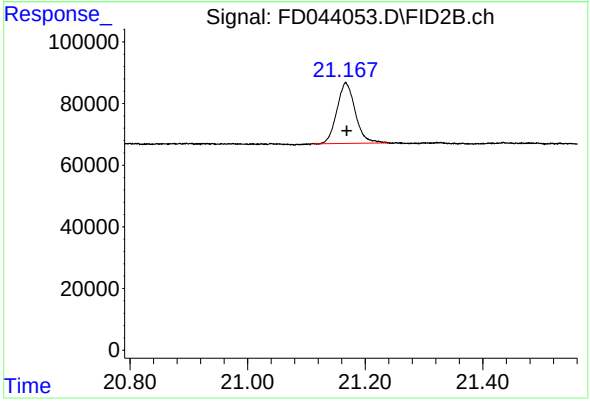
#20 n-Hexatriacontane (C36)

R.T.: 19.715 min
Delta R.T.: -0.002 min
Response: 512457
Conc: 3.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.406 min
Delta R.T.: -0.001 min
Response: 466339
Conc: 3.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.167 min
Delta R.T.: -0.002 min
Response: 425190
Conc: 3.27 ug/ml