

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
 Data File : FE052323.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2025 18:28
 Operator : YP\AJ
 Sample : Q1340-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RV-SOILMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/11/2025

Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e

Quant Time: Feb 11 04:00:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 07 07:52:07 2025

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)	12.311	3168732	25.602 ug/ml
Spiked Amount 50.000		Recovery =	51.20%
12) S 1-chlorooctadecane (S...	13.723	2610996	26.456 ug/ml
Spiked Amount 50.000		Recovery =	52.91%
Target Compounds			
1) T n-Nonane (C9)	3.775	2591528	27.745 ug/ml
2) T n-Decane (C10)	5.003	2915294	30.357 ug/ml
3) T A~Naphthalene (C11.7)	6.705	3546638	33.186 ug/ml
4) T n-Dodecane (C12)	7.133	3221658	32.504 ug/ml
5) T A~2-methylnaphthalene...	7.787	3429240	32.743 ug/ml
6) T n-Tetradecane (C14)	8.943	3500865	34.692 ug/ml
7) T n-Hexadecane (C16)	10.538	3672051	33.839 ug/ml
8) T n-Octadecane (C18)	11.973	3768631	33.174 ug/ml
10) T n-Eicosane (C20)	13.276	3889783	34.468 ug/mlm
11) T n-Heneicosane (C21)	13.885	3758304	33.373 ug/ml
13) T n-Docosane (C22)	14.469	3733045	32.980 ug/ml
14) T n-Tetracosane (C24)	15.548	7738635	67.305 ug/mlm
15) T n-Hexacosane (C26)	16.584	3590846	31.311 ug/ml
16) T n-Octacosane (C28)	17.529	3500098	30.935 ug/ml
17) T n-Tricontane (C30)	18.414	3510094	30.804 ug/mlm
18) T n-Dotriacontane (C32)	19.242	3396238	31.151 ug/ml
19) T n-Tetratriacontane (C34)	20.022	3214774	33.885 ug/mlm
20) T n-Hexatriacontane (C36)	20.759	3010065	36.429 ug/ml
21) T n-Octatriacontane (C38)	21.574	2962536	39.877 ug/ml
22) T n-Tetracontane (C40)	22.615	2842847	38.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
Data File : FE052323.D
Signal(s) : FID1B.ch
Acq On : 10 Feb 2025 18:28
Operator : YP\AJ
Sample : Q1340-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RV-SOILMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/11/2025

Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e

Quant Time: Feb 11 04:00:55 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.

Quant Title : GC Extractables

QLast Update : Fri Feb 07 07:52:07 2025

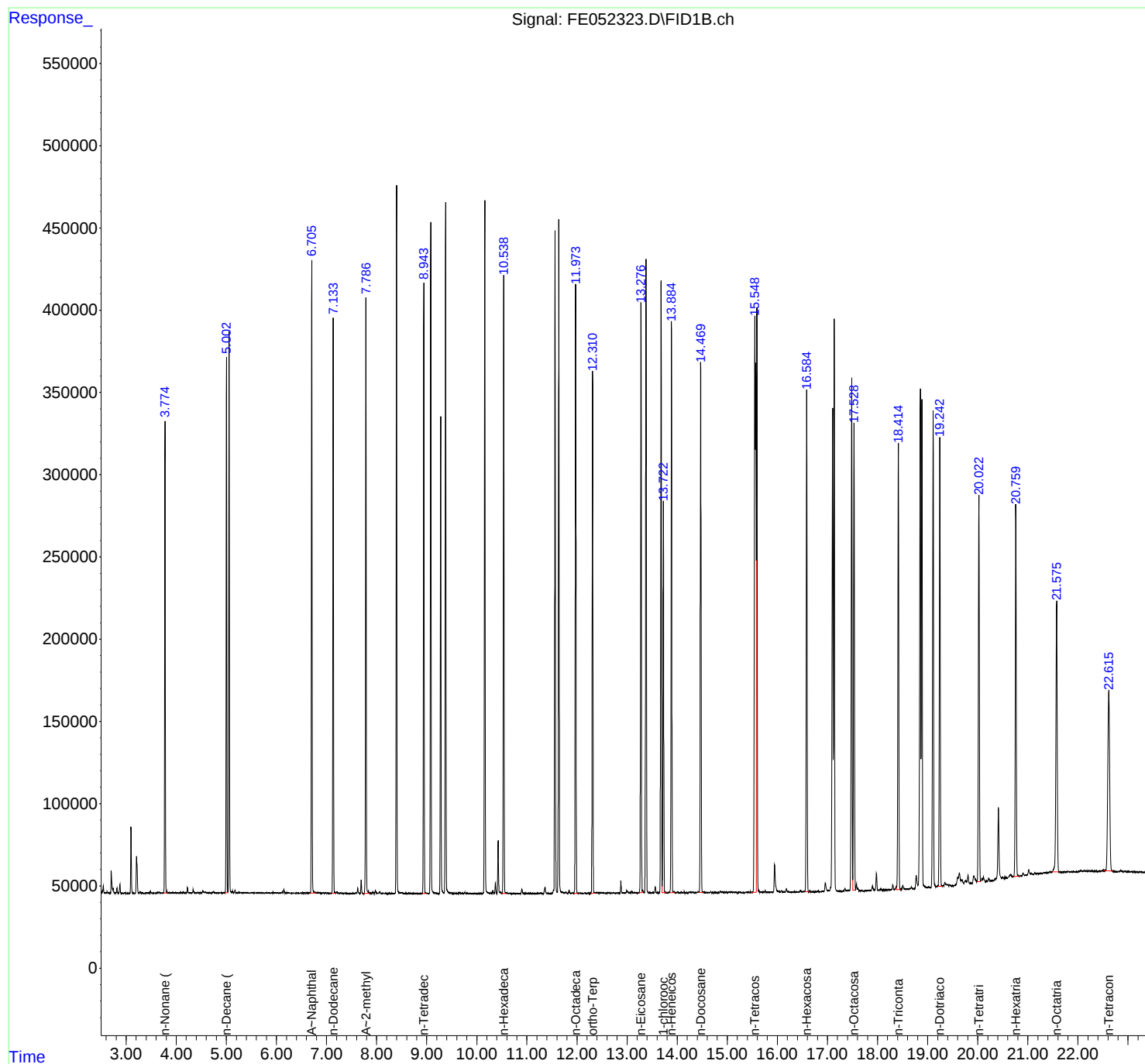
Response via : Initial Calibration

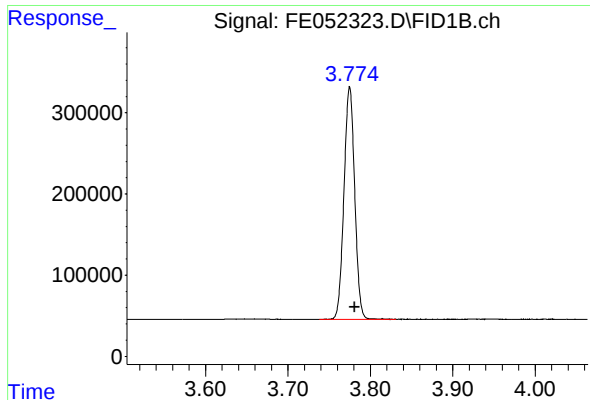
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.775 min
Delta R.T.: -0.006 min
Response: 2591528
Conc: 27.75 ug/ml

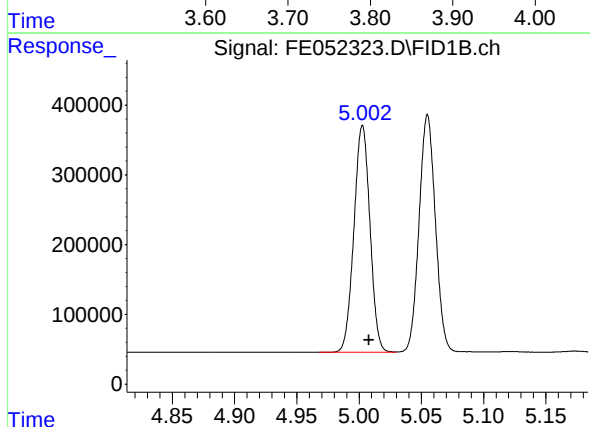
Instrument :

FID_E

ClientSampleId :
RV-SOILMSD

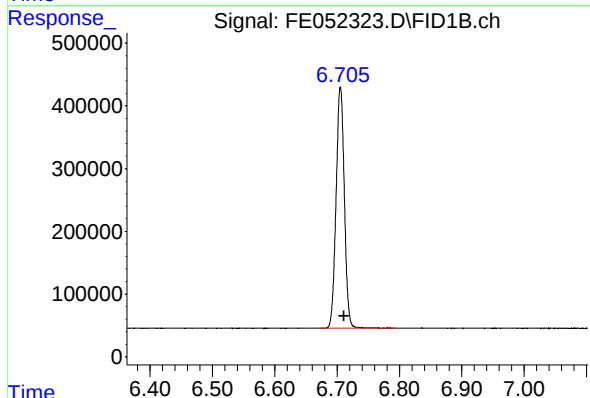
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



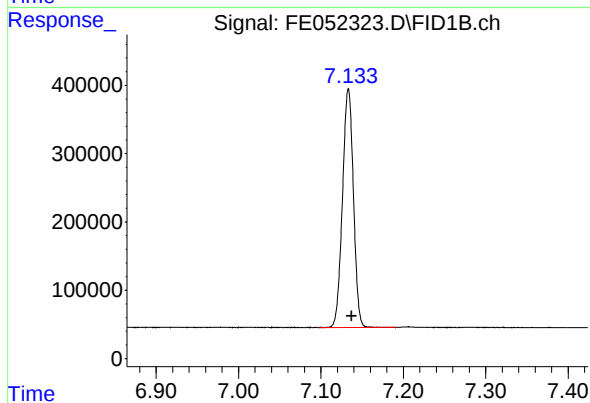
#2 n-Decane (C10)

R.T.: 5.003 min
Delta R.T.: -0.005 min
Response: 2915294
Conc: 30.36 ug/ml



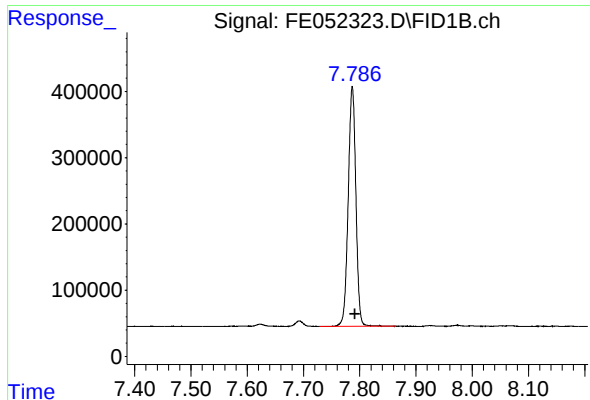
#3 A~Naphthalene (C11.7)

R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 3546638
Conc: 33.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.133 min
Delta R.T.: -0.004 min
Response: 3221658
Conc: 32.50 ug/ml



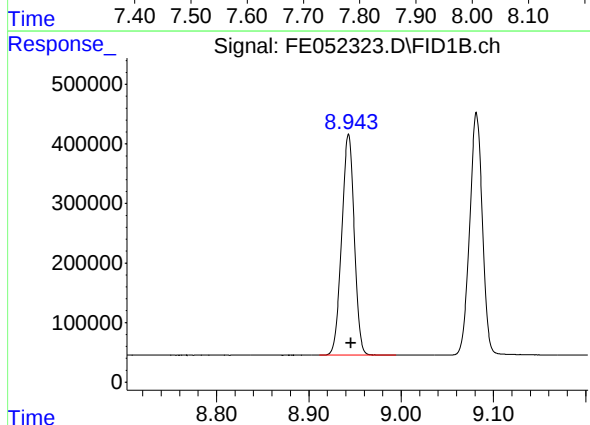
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.787 min
Delta R.T.: -0.005 min
Response: 3429240
Conc: 32.74 ug/ml

Instrument :
FID_E
ClientSampleId :
RV-SOILMSD

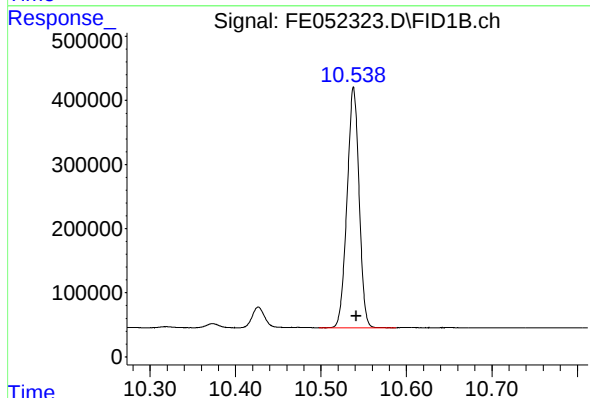
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



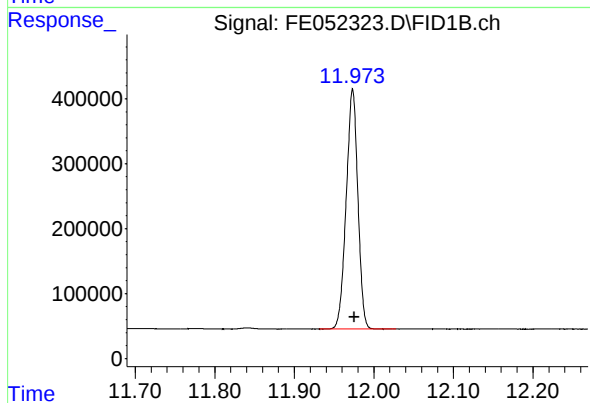
#6 n-Tetradecane (C14)

R.T.: 8.943 min
Delta R.T.: -0.003 min
Response: 3500865
Conc: 34.69 ug/ml



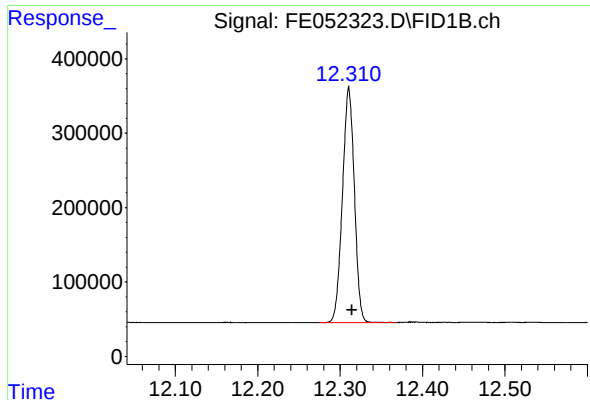
#7 n-Hexadecane (C16)

R.T.: 10.538 min
Delta R.T.: -0.003 min
Response: 3672051
Conc: 33.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.973 min
Delta R.T.: -0.002 min
Response: 3768631
Conc: 33.17 ug/ml



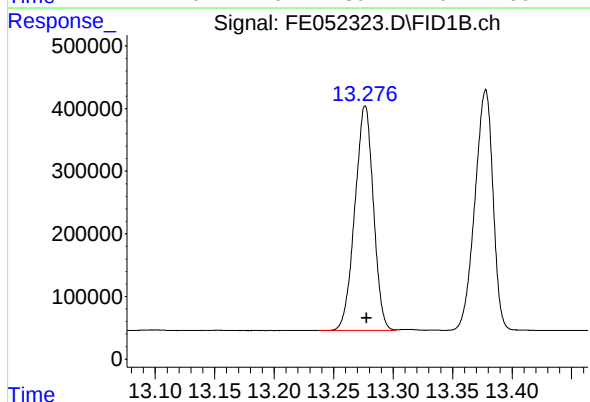
#9 ortho-Terphenyl (SURR)

R.T.: 12.311 min
Delta R.T.: -0.004 min
Response: 3168732
Conc: 25.60 ug/ml

Instrument :
FID_E
ClientSampleId :
RV-SOILMSD

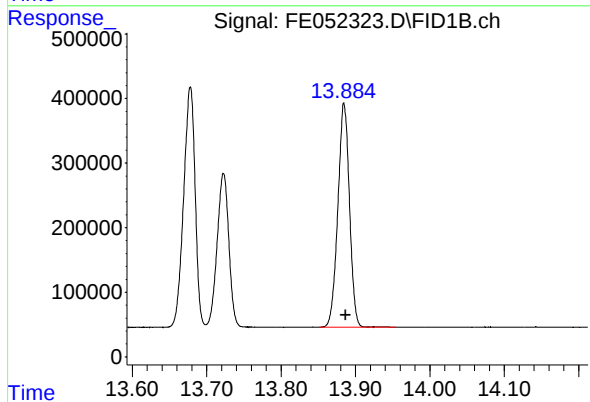
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



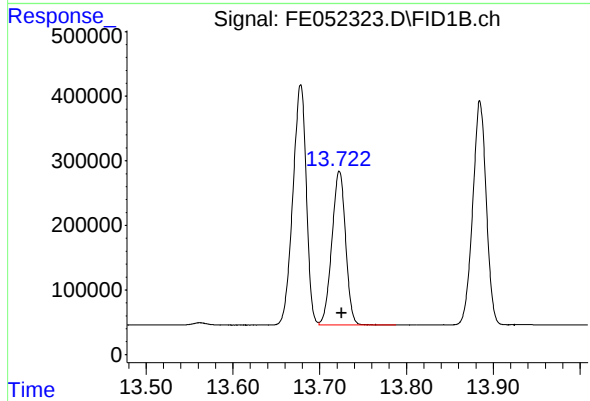
#10 n-Eicosane (C20)

R.T.: 13.276 min
Delta R.T.: -0.001 min
Response: 3889783
Conc: 34.47 ug/ml m



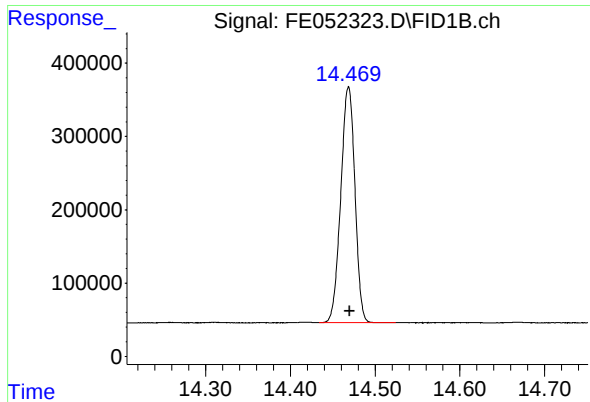
#11 n-Heneicosane (C21)

R.T.: 13.885 min
Delta R.T.: -0.002 min
Response: 3758304
Conc: 33.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.723 min
Delta R.T.: -0.003 min
Response: 2610996
Conc: 26.46 ug/ml



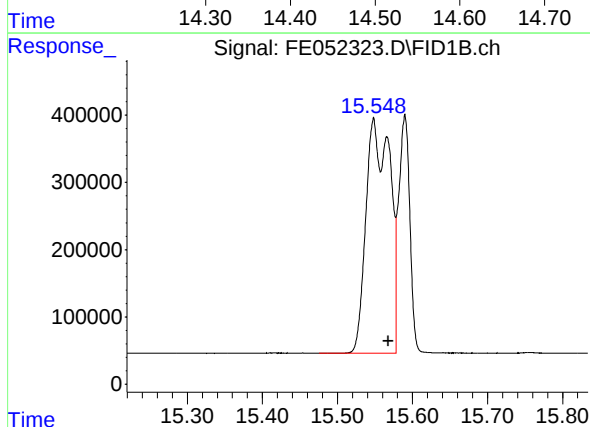
#13 n-Docosane (C22)

R.T.: 14.469 min
Delta R.T.: -0.001 min
Response: 3733045
Conc: 32.98 ug/ml

Instrument :
FID_E
ClientSampleId :
RV-SOILMSD

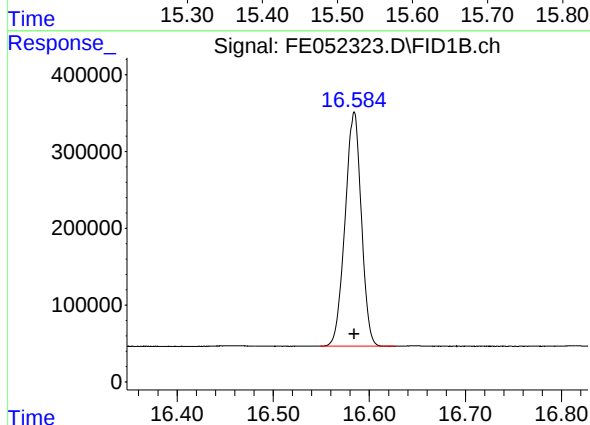
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



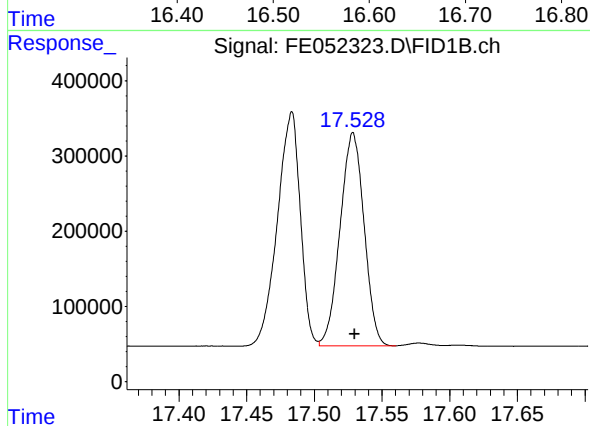
#14 n-Tetracosane (C24)

R.T.: 15.548 min
Delta R.T.: -0.020 min
Response: 7738635
Conc: 67.31 ug/ml



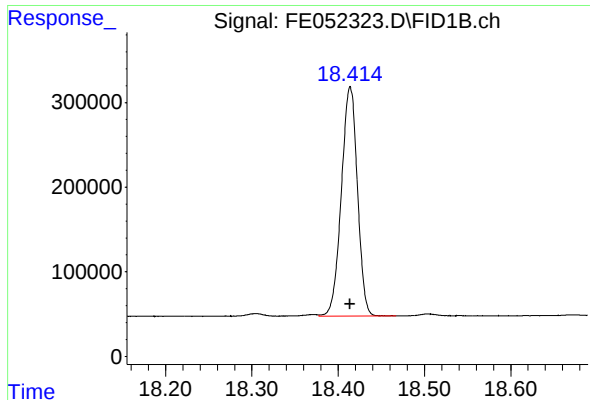
#15 n-Hexacosane (C26)

R.T.: 16.584 min
Delta R.T.: 0.000 min
Response: 3590846
Conc: 31.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.529 min
Delta R.T.: -0.001 min
Response: 3500098
Conc: 30.93 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.414 min
Delta R.T.: 0.000 min
Response: 3510094
Conc: 30.80 ug/ml

Instrument :

FID_E

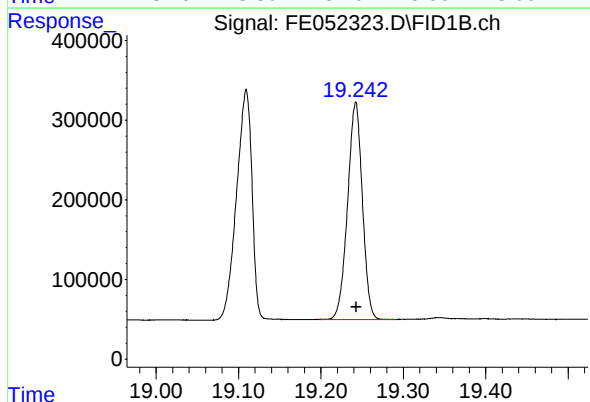
ClientSampleId :

RV-SOILMSD

Manual Integrations

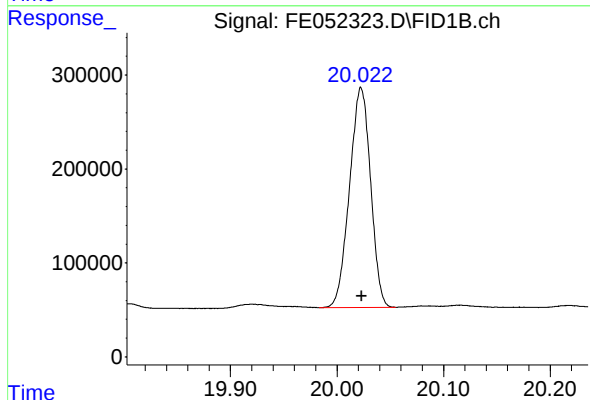
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



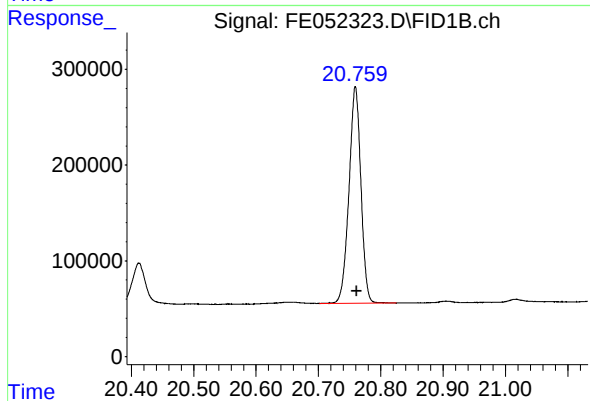
#18 n-Dotriacontane (C32)

R.T.: 19.242 min
Delta R.T.: 0.000 min
Response: 3396238
Conc: 31.15 ug/ml



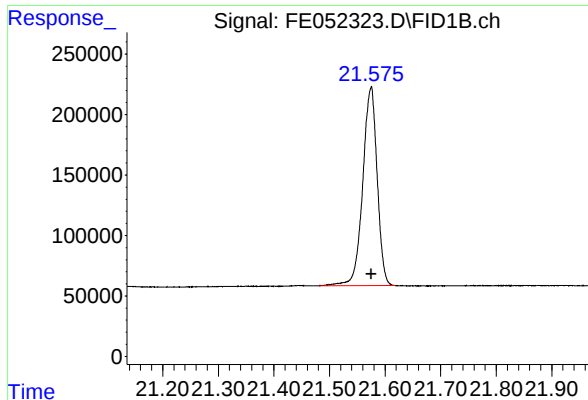
#19 n-Tetratriacontane (C34)

R.T.: 20.022 min
Delta R.T.: -0.001 min
Response: 3214774
Conc: 33.89 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.759 min
Delta R.T.: -0.002 min
Response: 3010065
Conc: 36.43 ug/ml



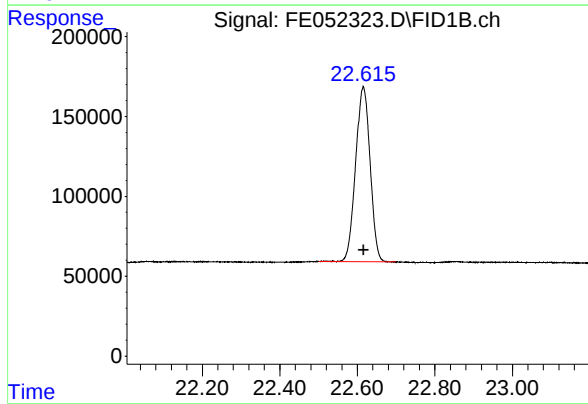
#21 n-Octatriacontane (C38)

R.T.: 21.574 min
Delta R.T.: 0.000 min
Response: 2962536
Conc: 39.88 ug/ml

Instrument :
FID_E
ClientSampleId :
RV-SOILMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



#22 n-Tetracontane (C40)

R.T.: 22.615 min
Delta R.T.: 0.000 min
Response: 2842847
Conc: 38.13 ug/ml