

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FE050882.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 15:20
 Operator : YP\AJ
 Sample : PB164498BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164498BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e

Quant Time: Oct 30 04:48:56 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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			
9) S ortho-Terphenyl (SURR)	11.861	6138858	38.938 ug/mlm
Spiked Amount 50.000		Recovery =	77.88%
12) S 1-chlorooctadecane (S...	13.294	5014396	42.389 ug/ml
Spiked Amount 50.000		Recovery =	84.78%
Target Compounds			
1) T n-Nonane (C9)	3.251	5418516	38.350 ug/ml
2) T n-Decane (C10)	4.500	5583934	38.919 ug/ml
3) T A~Naphthalene (C11.7)	6.210	5597460	39.146 ug/ml
4) T n-Dodecane (C12)	6.666	5720636	39.745 ug/ml
5) T A~2-methylnaphthalene...	7.306	5122798	38.668 ug/ml
6) T n-Tetradecane (C14)	8.494	5692486	39.789 ug/mlm
7) T n-Hexadecane (C16)	10.099	5619820	38.186 ug/mlm
8) T n-Octadecane (C18)	11.541	5662858	37.912 ug/mlm
10) T n-Eicosane (C20)	12.848	5688487	39.668 ug/ml
11) T n-Heneicosane (C21)	13.459	5472890	38.971 ug/mlm
13) T n-Docosane (C22)	14.043	5458801	38.909 ug/mlm
14) T n-Tetracosane (C24)	15.147	9936387	70.333 ug/mlm
15) T n-Hexacosane (C26)	16.167	5410399	38.449 ug/ml
16) T n-Octacosane (C28)	17.114	5655030	38.646 ug/mlm
17) T n-Tricontane (C30)	18.001	5634138	35.434 ug/ml
18) T n-Dotriacontane (C32)	18.834	5645135	34.822 ug/ml
19) T n-Tetratriacontane (C34)	19.617	5689439	38.732 ug/ml
20) T n-Hexatriacontane (C36)	20.356	5404895	42.621 ug/ml
21) T n-Octatriacontane (C38)	21.081	5056491	40.894 ug/ml
22) T n-Tetracontane (C40)	21.966	4299972	38.617 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
Data File : FE050882.D
Signal(s) : FID1B.ch
Acq On : 29 Oct 2024 15:20
Operator : YP\AJ
Sample : PB164498BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

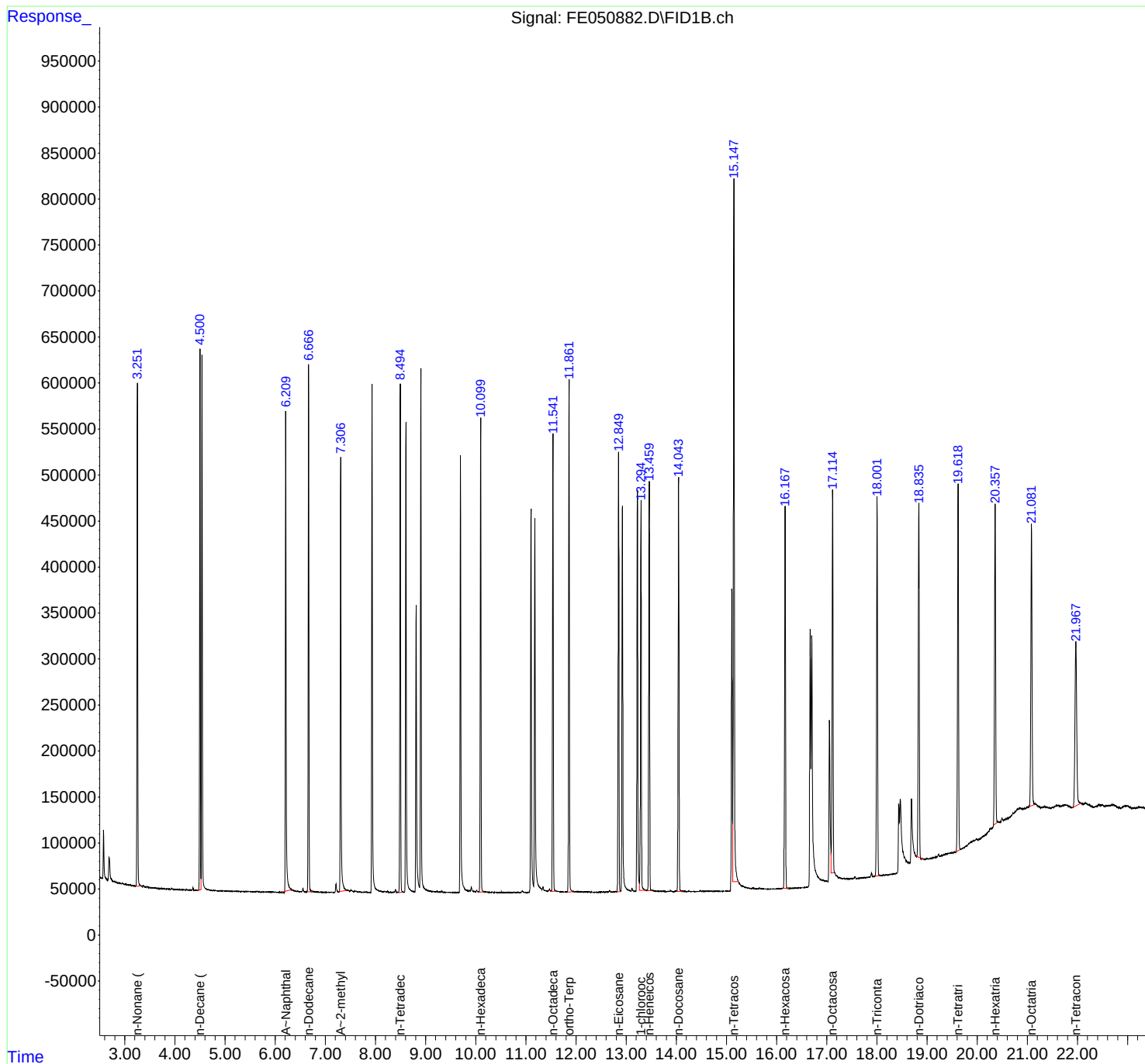
Instrument :
FID_E
ClientSampleId :
PB164498BS

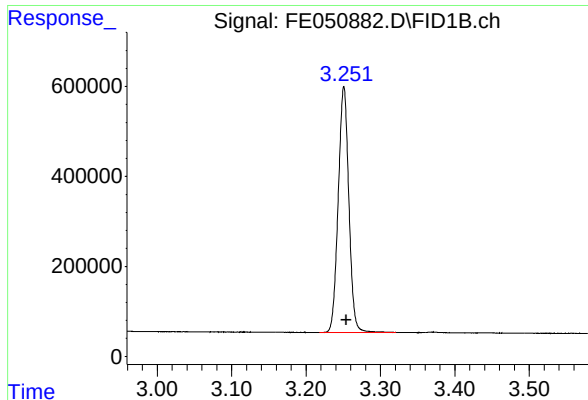
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e
Quant Time: Oct 30 04:48:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.
Quant Title : GC Extractables
QLast Update : Mon Oct 07 16:32:18 2024
Response via : Initial Calibration
Integrator: ChemStation

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





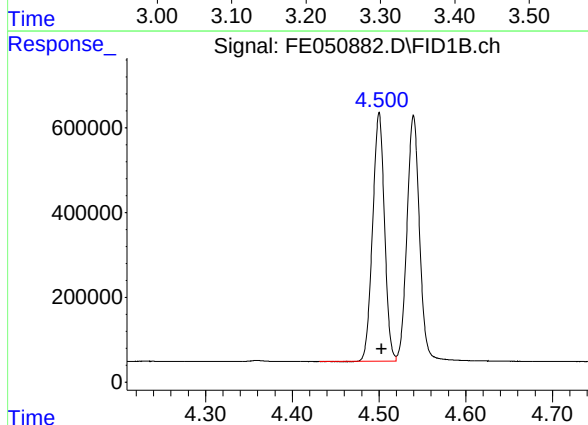
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.003 min
Response: 5418516
Conc: 38.35 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164498BS

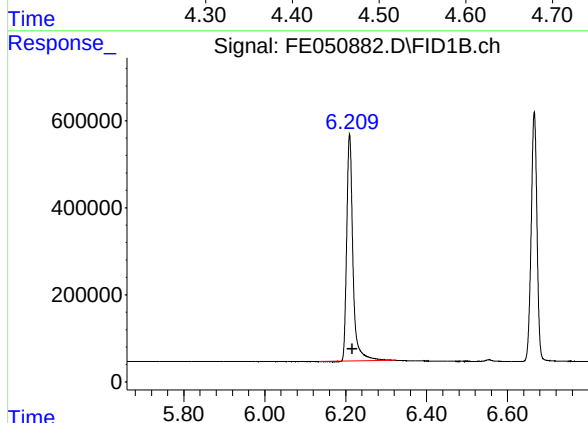
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024



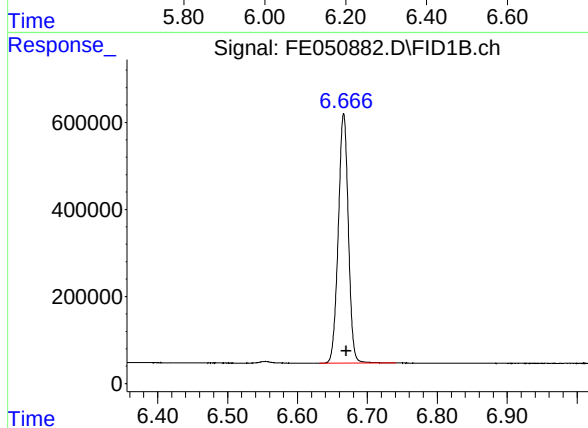
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 5583934
Conc: 38.92 ug/ml



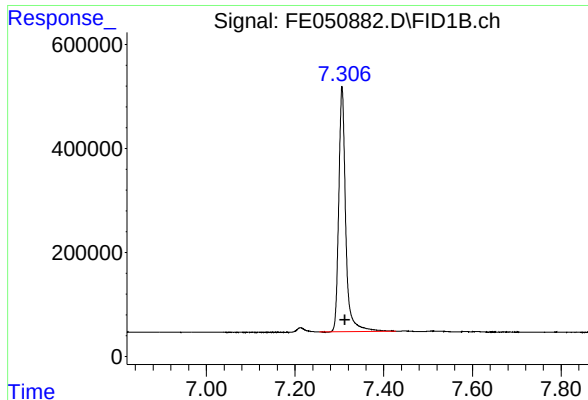
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 5597460
Conc: 39.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 5720636
Conc: 39.74 ug/ml



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

R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 5122798
Conc: 38.67 ug/ml

Instrument :

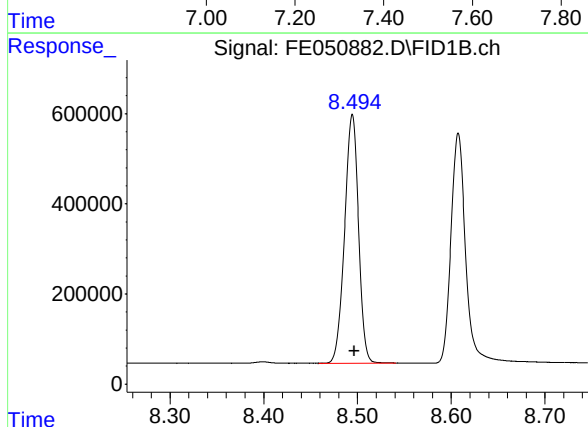
FID_E

ClientSampleId :

PB164498BS

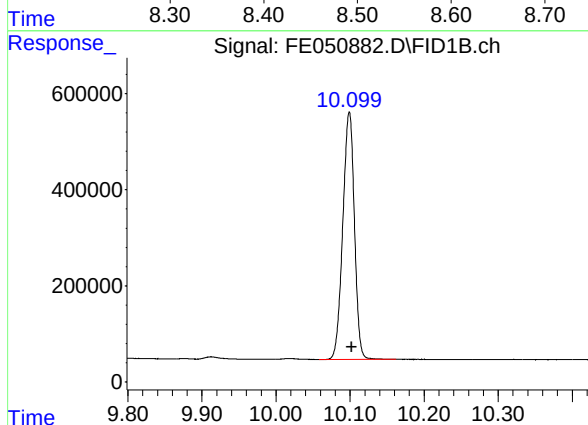
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024



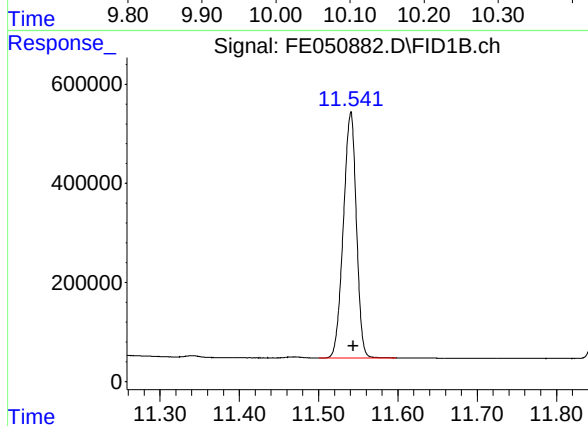
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 5692486
Conc: 39.79 ug/ml m



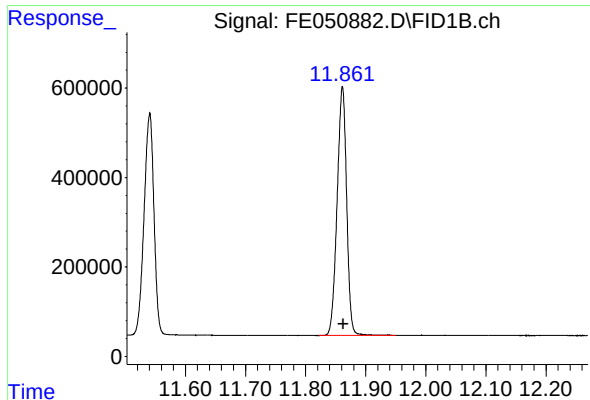
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.004 min
Response: 5619820
Conc: 38.19 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 5662858
Conc: 37.91 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 6138858
Conc: 38.94 ug/ml

Instrument :

FID_E

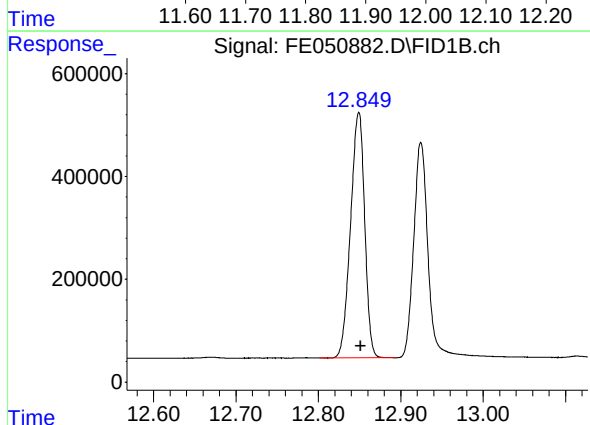
ClientSampleId :

PB164498BS

Manual Integrations

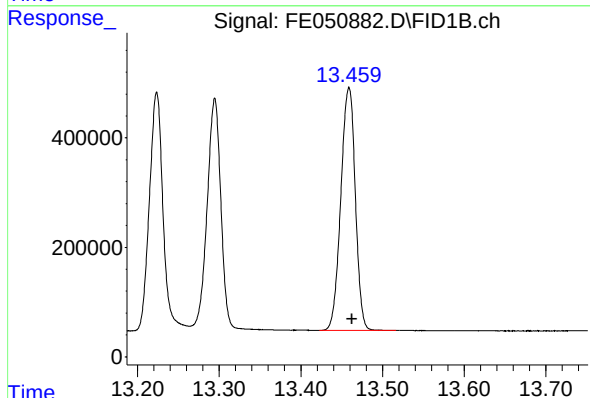
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024



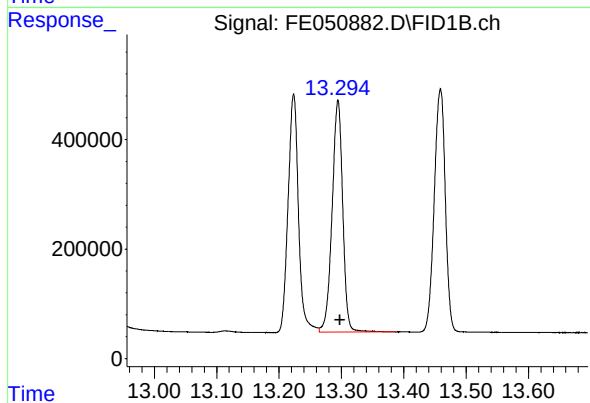
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.003 min
Response: 5688487
Conc: 39.67 ug/ml



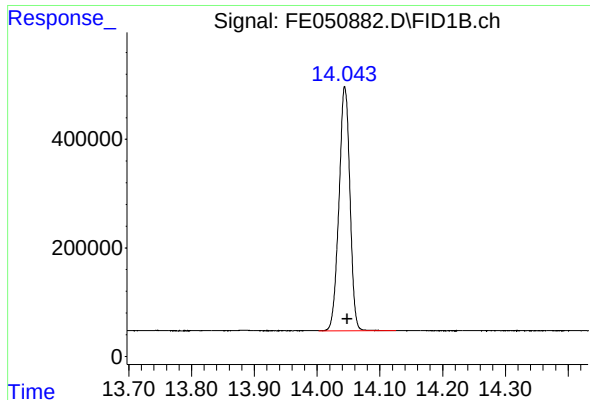
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.004 min
Response: 5472890
Conc: 38.97 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 5014396
Conc: 42.39 ug/ml



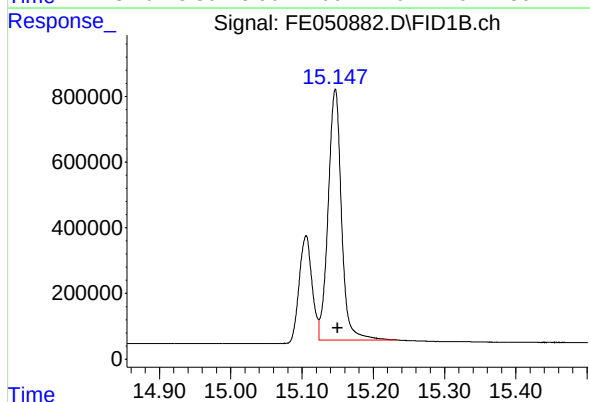
#13 n-Docosane (C22)

R.T.: 14.043 min
Delta R.T.: -0.005 min
Response: 5458801
Conc: 38.91 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164498BS

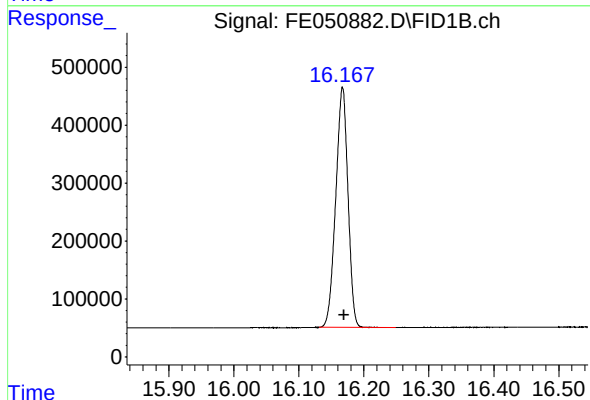
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024



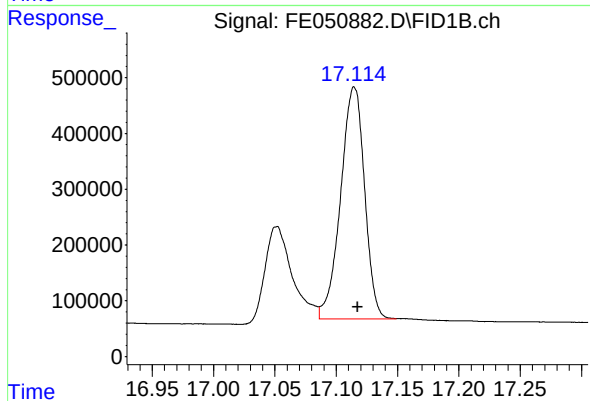
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.003 min
Response: 9936387
Conc: 70.33 ug/ml m



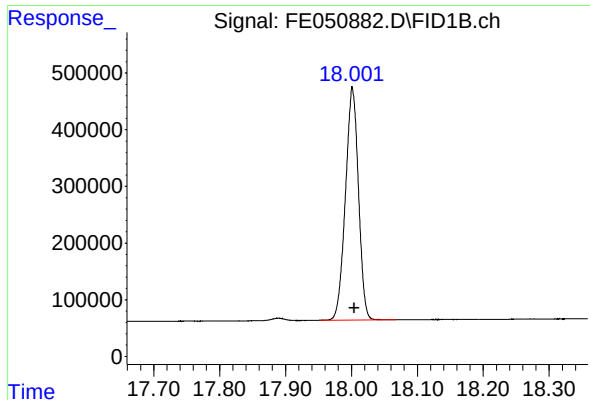
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.003 min
Response: 5410399
Conc: 38.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.003 min
Response: 5655030
Conc: 38.65 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.003 min
Response: 5634138
Conc: 35.43 ug/ml

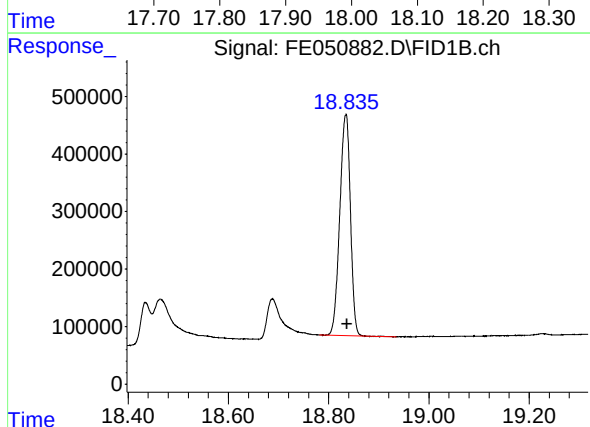
Instrument :

FID_E

ClientSampleId :
PB164498BS

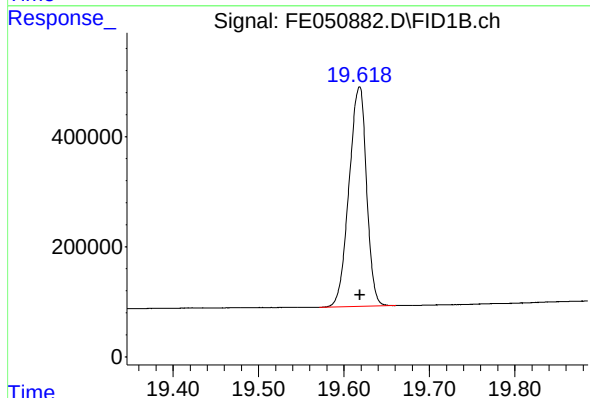
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024



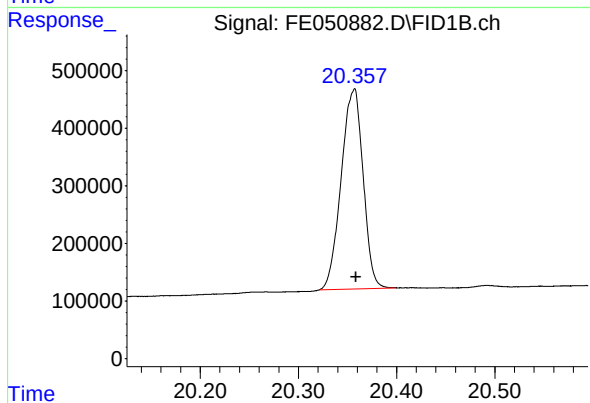
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.003 min
Response: 5645135
Conc: 34.82 ug/ml



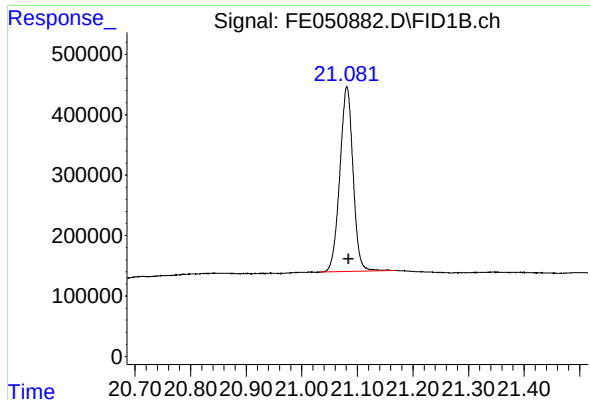
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.002 min
Response: 5689439
Conc: 38.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: -0.003 min
Response: 5404895
Conc: 42.62 ug/ml



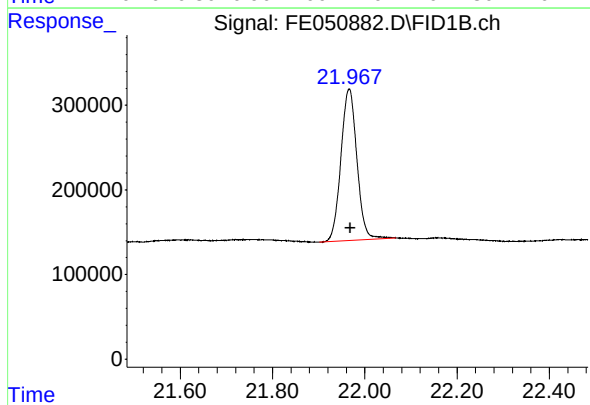
#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.003 min
Response: 5056491
Conc: 40.89 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164498BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2024
Supervised By :Ankita Jodhani 10/30/2024



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.003 min
Response: 4299972
Conc: 38.62 ug/ml