

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
 Data File : FE050310.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2024 02:18
 Operator : YP\AJ
 Sample : P4142-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OR-02-09202024MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e

Quant Time: Sep 24 04:43:33 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.870	3880296	26.081 ug/ml
Spiked Amount 50.000		Recovery =	52.16%
12) S 1-chlorooctadecane (S...	13.303	4118424	36.665 ug/ml
Spiked Amount 50.000		Recovery =	73.33%
Target Compounds			
1) T n-Nonane (C9)	3.258	3677694	27.133 ug/ml
2) T n-Decane (C10)	4.508	4067403	29.471 ug/ml
3) T A~Naphthalene (C11.7)	6.217	5230926	37.372 ug/ml
4) T n-Dodecane (C12)	6.675	4395157	31.784 ug/ml
5) T A~2-methylnaphthalene...	7.313	5351907	40.718 ug/ml
6) T n-Tetradecane (C14)	8.504	5221144	38.342 ug/mlm
7) T n-Hexadecane (C16)	10.109	5550382	39.959 ug/ml
8) T n-Octadecane (C18)	11.551	5336337	38.089 ug/ml
10) T n-Eicosane (C20)	12.858	5724447	42.674 ug/ml
11) T n-Heneicosane (C21)	13.469	5689119	43.297 ug/ml
13) T n-Docosane (C22)	14.054	6368944	48.910 ug/ml
14) T n-Tetracosane (C24)	15.154	11301017	86.538 ug/ml
15) T n-Hexacosane (C26)	16.177	5170148	40.411 ug/ml
16) T n-Octacosane (C28)	17.124	6241935	48.459 ug/ml
17) T n-Tricontane (C30)	18.013	5485771	41.024 ug/mlm
18) T n-Dotriacontane (C32)	18.843	5419939	40.673 ug/ml
19) T n-Tetratriacontane (C34)	19.627	5773592	46.727 ug/ml
20) T n-Hexatriacontane (C36)	20.366	5605494	50.523 ug/mlm
21) T n-Octatriacontane (C38)	21.093	5642742	51.168 ug/mlm
22) T n-Tetracontane (C40)	21.983	5284301	48.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092324AL\
Data File : FE050310.D
Signal(s) : FID1B.ch
Acq On : 24 Sep 2024 02:18
Operator : YP\AJ
Sample : P4142-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OR-02-09202024MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e

Quant Time: Sep 24 04:43:33 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

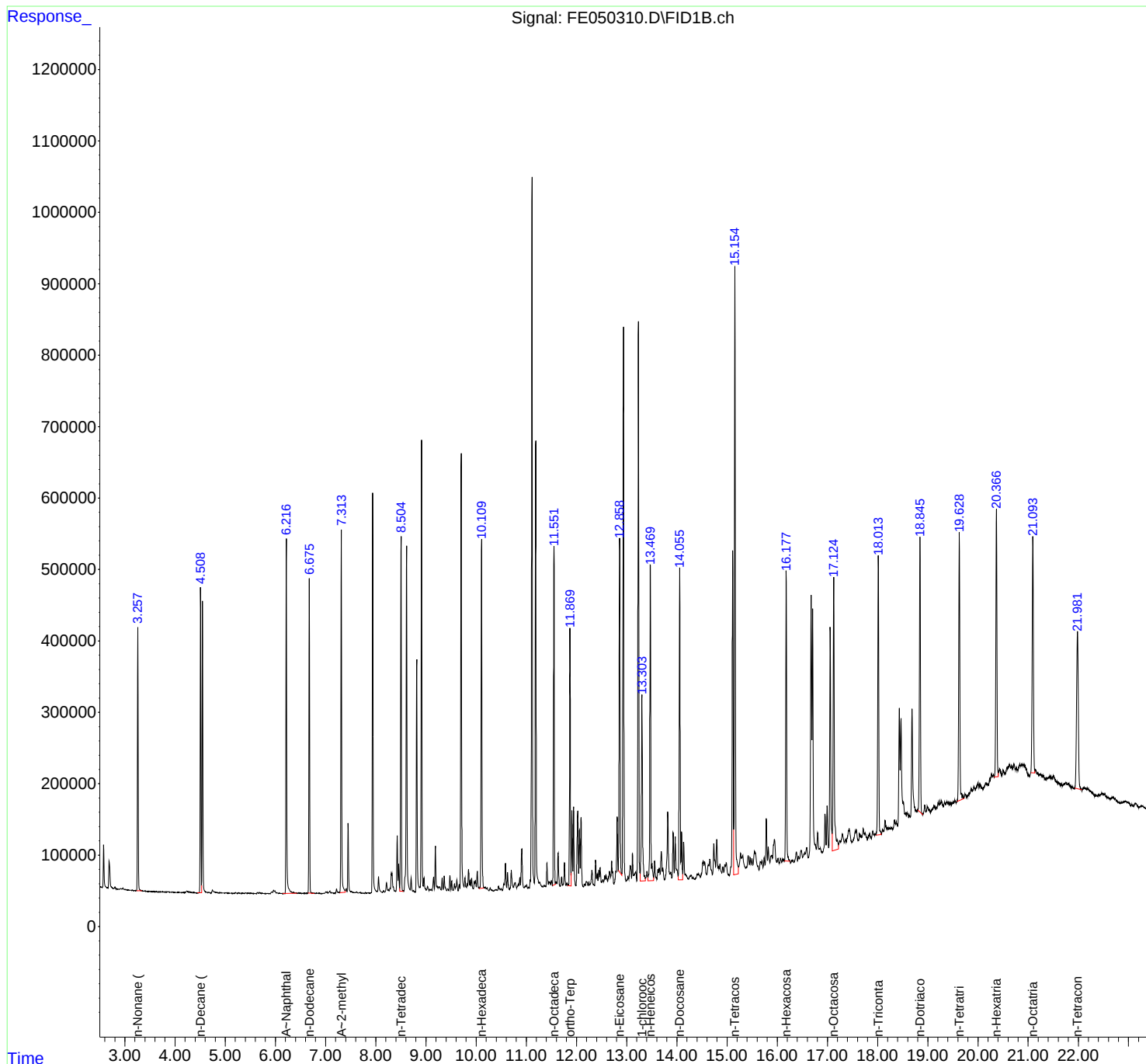
Response via : Initial Calibration

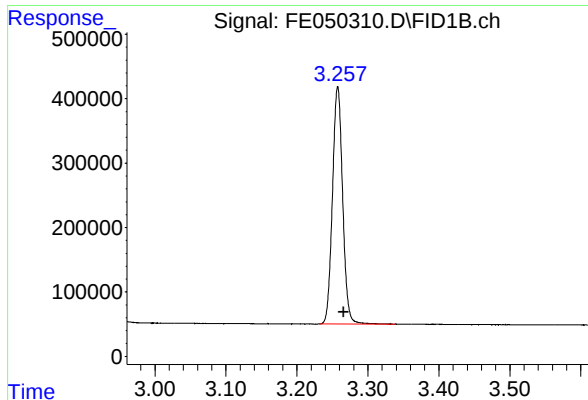
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.008 min
Response: 3677694
Conc: 27.13 ug/ml

Instrument :

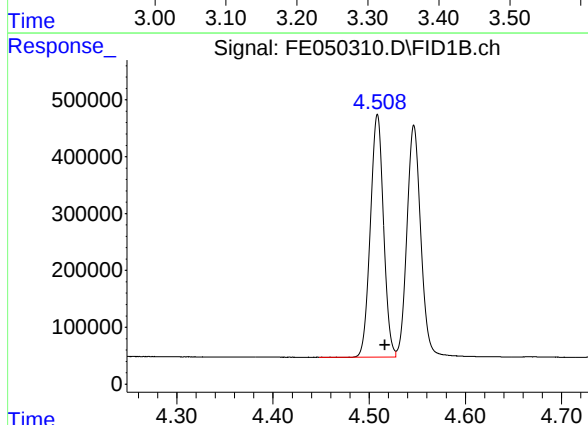
FID_E

ClientSampleId :

OR-02-09202024MSD

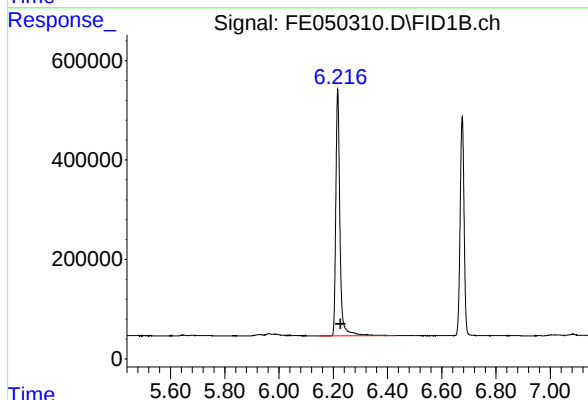
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



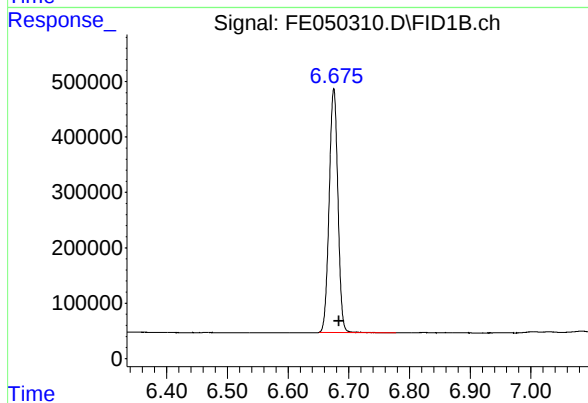
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.008 min
Response: 4067403
Conc: 29.47 ug/ml



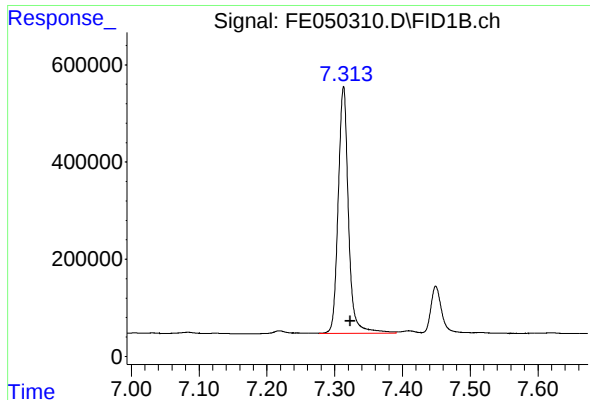
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.011 min
Response: 5230926
Conc: 37.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 4395157
Conc: 31.78 ug/ml



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

R.T.: 7.313 min
Delta R.T.: -0.010 min
Response: 5351907
Conc: 40.72 ug/ml

Instrument :

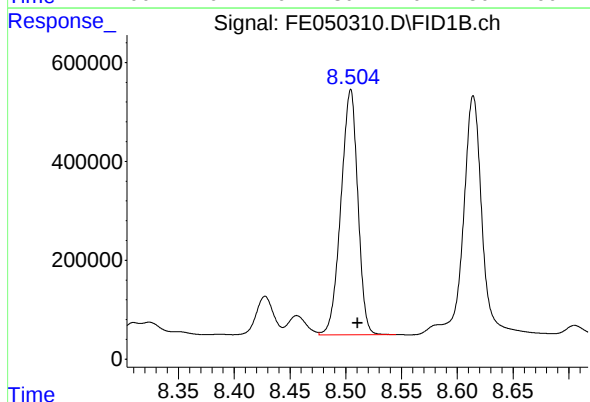
FID_E

ClientSampleId :

OR-02-09202024MSD

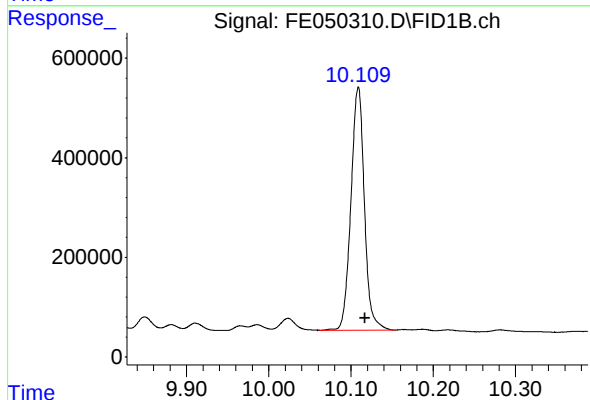
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



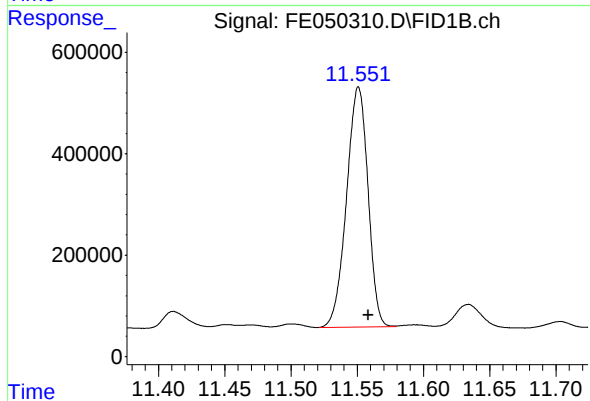
#6 n-Tetradecane (C14)

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 5221144
Conc: 38.34 ug/ml m



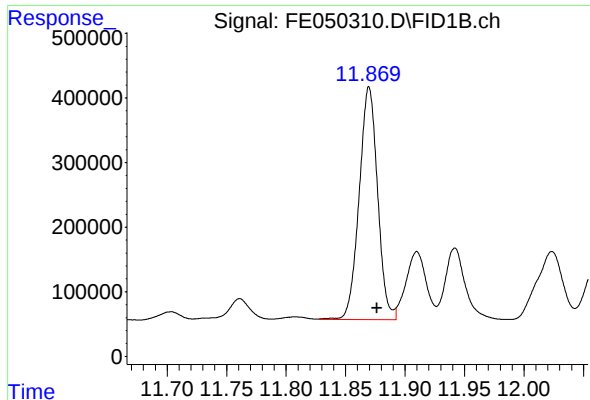
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.008 min
Response: 5550382
Conc: 39.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.551 min
Delta R.T.: -0.008 min
Response: 5336337
Conc: 38.09 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.007 min
Response: 3880296
Conc: 26.08 ug/ml

Instrument :

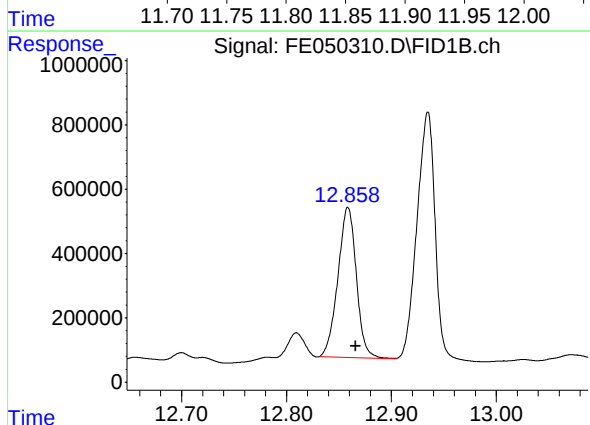
FID_E

ClientSampleId :

OR-02-09202024MSD

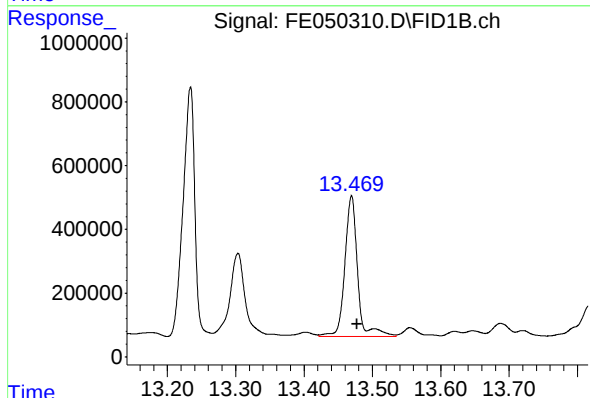
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



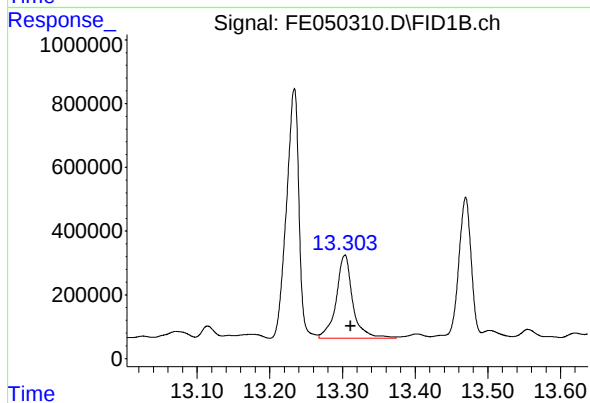
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: -0.008 min
Response: 5724447
Conc: 42.67 ug/ml



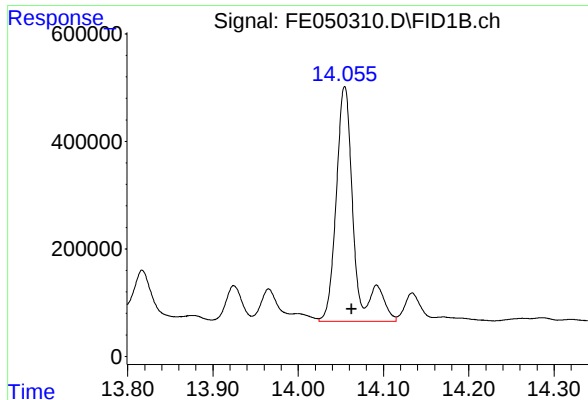
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.008 min
Response: 5689119
Conc: 43.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: -0.009 min
Response: 4118424
Conc: 36.66 ug/ml



#13 n-Docosane (C22)

R.T.: 14.054 min
Delta R.T.: -0.009 min
Response: 6368944
Conc: 48.91 ug/ml

Instrument :

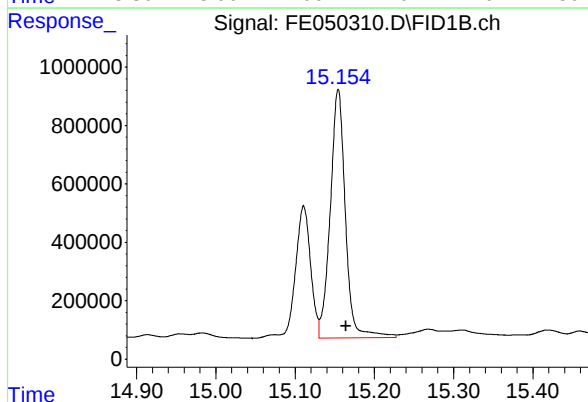
FID_E

ClientSampleId :

OR-02-09202024MSD

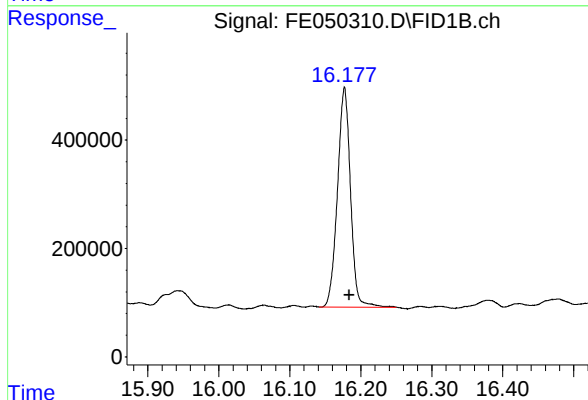
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



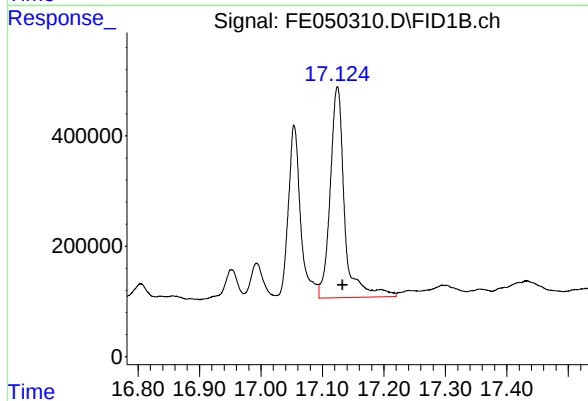
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.010 min
Response: 11301017
Conc: 86.54 ug/ml



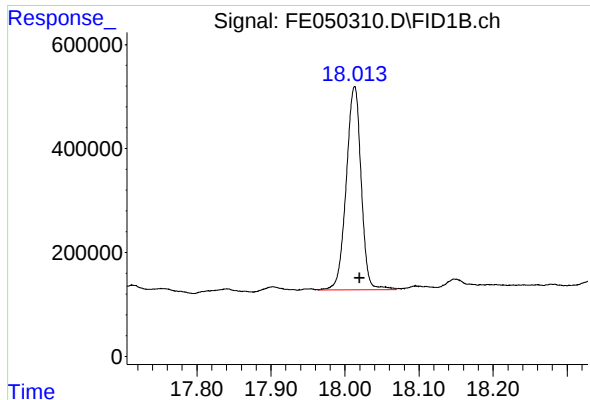
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.007 min
Response: 5170148
Conc: 40.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.009 min
Response: 6241935
Conc: 48.46 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.007 min
Response: 5485771
Conc: 41.02 ug/ml

Instrument :

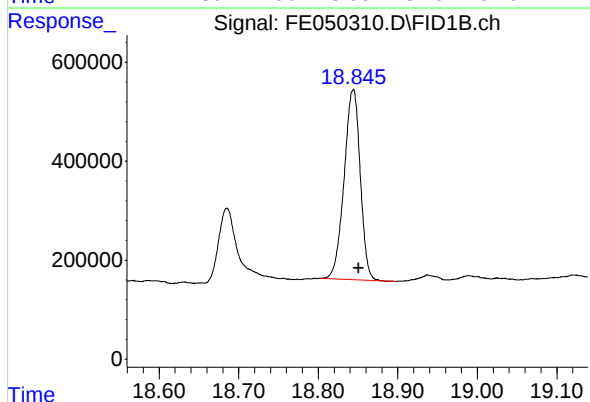
FID_E

ClientSampleId :

OR-02-09202024MSD

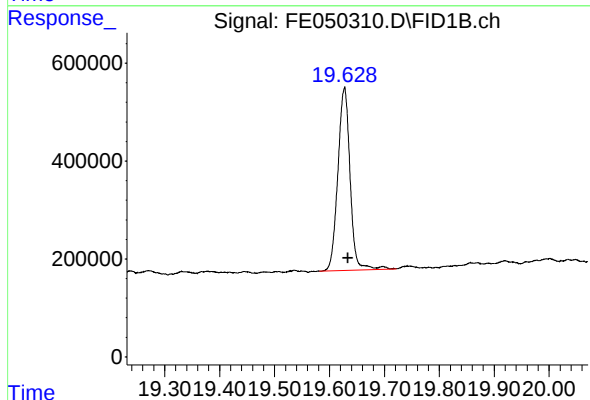
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



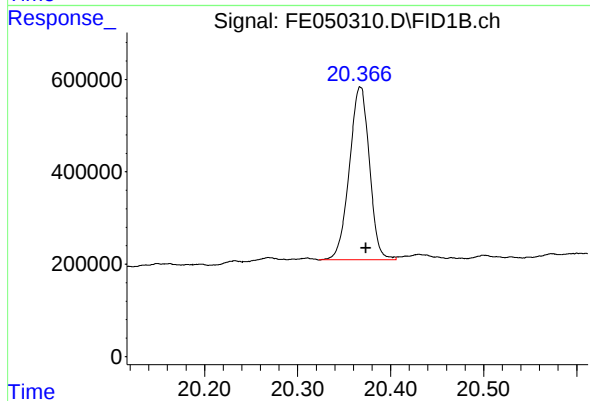
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.008 min
Response: 5419939
Conc: 40.67 ug/ml



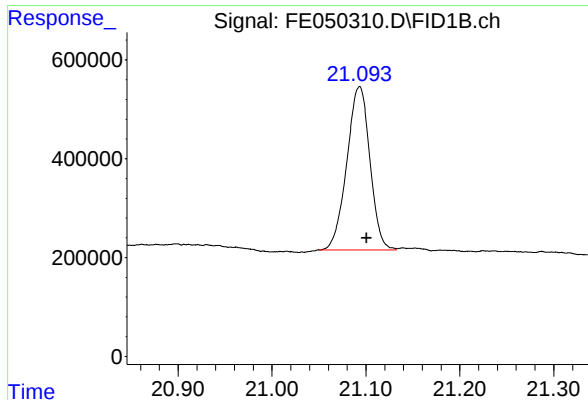
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.007 min
Response: 5773592
Conc: 46.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.007 min
Response: 5605494
Conc: 50.52 ug/ml m



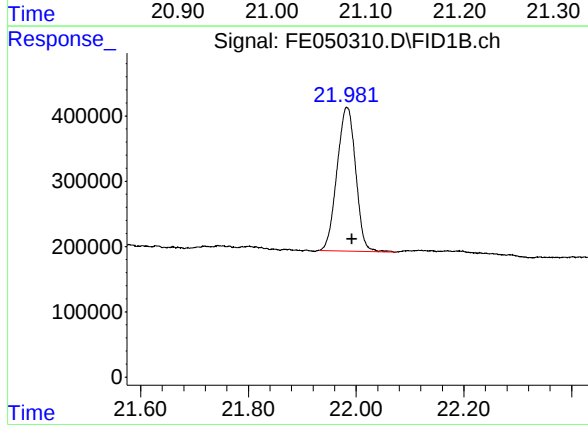
#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.008 min
Response: 5642742
Conc: 51.17 ug/ml

Instrument : FID_E
ClientSampleId :
OR-02-09202024MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.009 min
Response: 5284301
Conc: 48.56 ug/ml