

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046334.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 12:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 23 00:32:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.827	4252151	23.399 ug/ml
Spiked Amount 50.000		Recovery =	46.80%
12) S 1-chlorooctadecane (S...	13.269	3120943	23.359 ug/ml
Spiked Amount 50.000		Recovery =	46.72%
Target Compounds			
1) T n-Nonane (C9)	3.212	3308371	21.617 ug/ml
2) T n-Decane (C10)	4.463	3420023	22.037 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3638014	21.875 ug/ml
4) T n-Dodecane (C12)	6.631	3460860	22.166 ug/ml
5) T A~2-methylnaphthalene...	7.263	3497619	21.968 ug/ml
6) T n-Tetradecane (C14)	8.457	3466896	22.256 ug/ml
7) T n-Hexadecane (C16)	10.067	3573210	22.564 ug/ml
8) T n-Octadecane (C18)	11.512	3608526	22.927 ug/ml
10) T n-Eicosane (C20)	12.823	3507882	23.188 ug/ml
11) T n-Heneicosane (C21)	13.436	3439655	23.391 ug/ml
13) T n-Docosane (C22)	14.023	3418411	23.386 ug/ml
14) T n-Tetracosane (C24)	15.129	3372041	23.250 ug/ml
15) T n-Hexacosane (C26)	16.153	3274780	22.842 ug/ml
16) T n-Octacosane (C28)	17.105	3222934	22.472 ug/ml
17) T n-Tricontane (C30)	17.995	3356047	22.579 ug/ml
18) T n-Dotriacontane (C32)	18.830	3329946	22.265 ug/ml
19) T n-Tetratriacontane (C34)	19.616	3227920	22.532 ug/ml
20) T n-Hexatriacontane (C36)	20.360	3040954	20.857 ug/ml
21) T n-Octatriacontane (C38)	21.090	3388984	22.983 ug/ml
22) T n-Tetracontane (C40)	21.985	3319811	21.209 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
Data File : FE046334.D
Signal(s) : FID1B.ch
Acq On : 22 Jan 2024 12:31
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

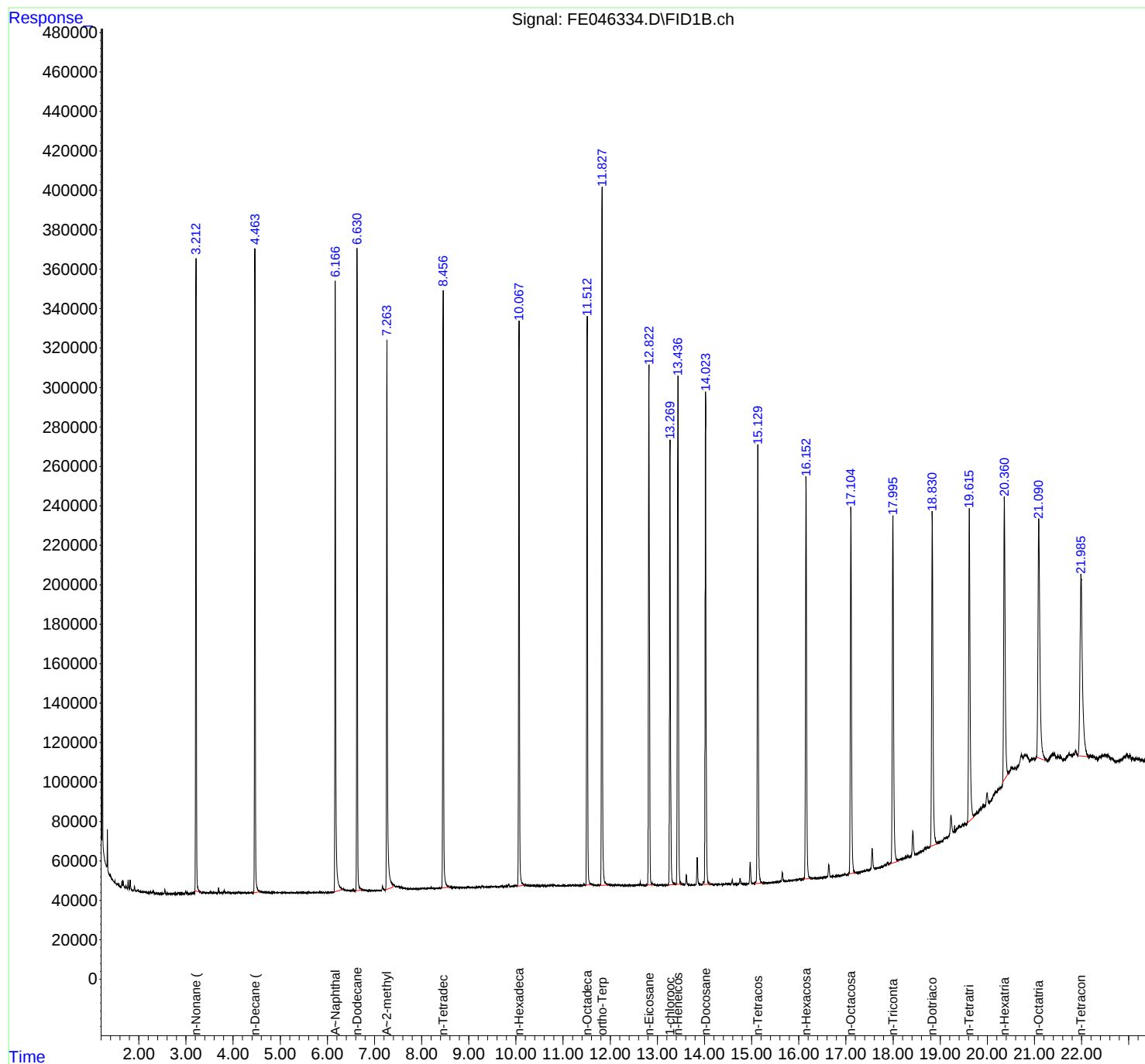
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

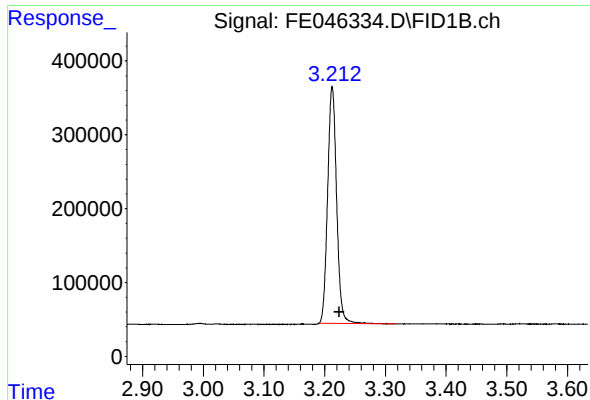
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
Quant Time: Jan 23 00:32:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:49:54 2023
Response via : Initial Calibration
Integrator: ChemStation

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





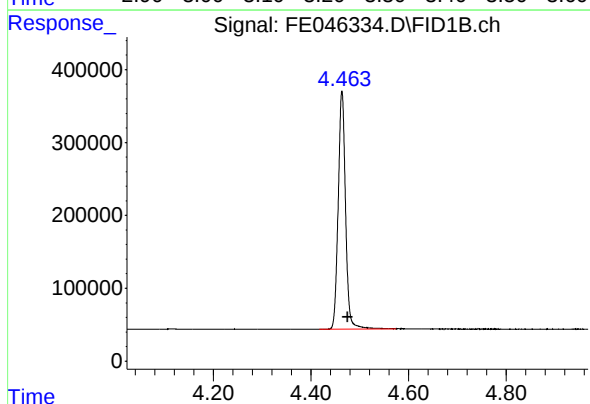
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: -0.012 min
Response: 3308371
Conc: 21.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

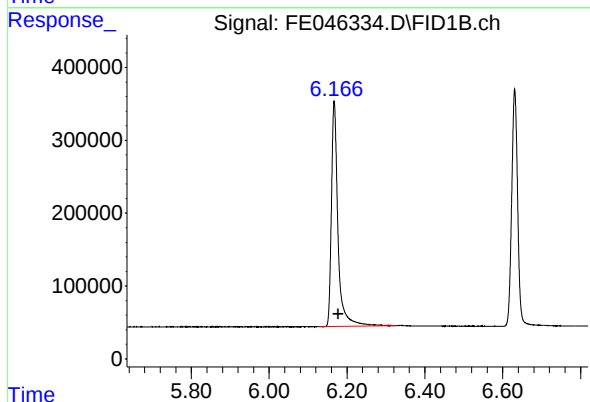
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024



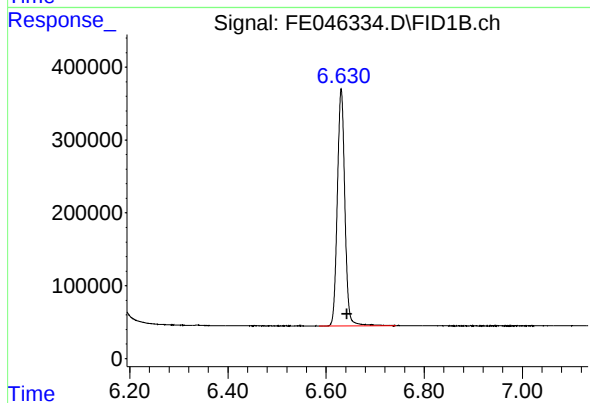
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.011 min
Response: 3420023
Conc: 22.04 ug/ml



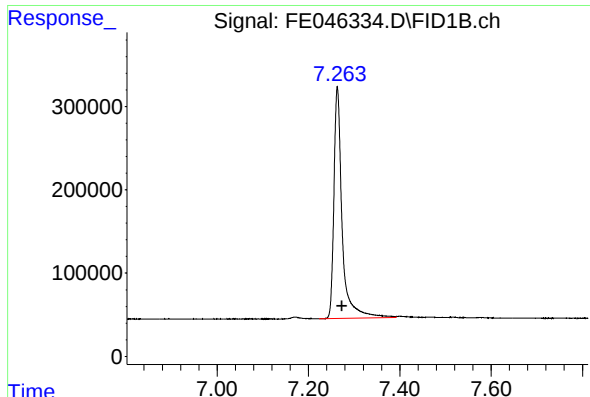
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 3638014
Conc: 21.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.012 min
Response: 3460860
Conc: 22.17 ug/ml



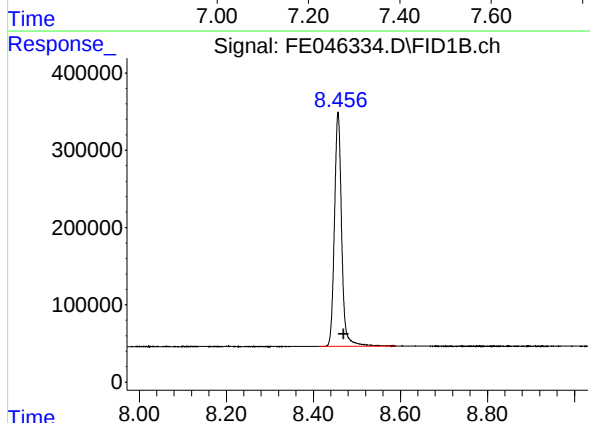
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.010 min
Response: 3497619
Conc: 21.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

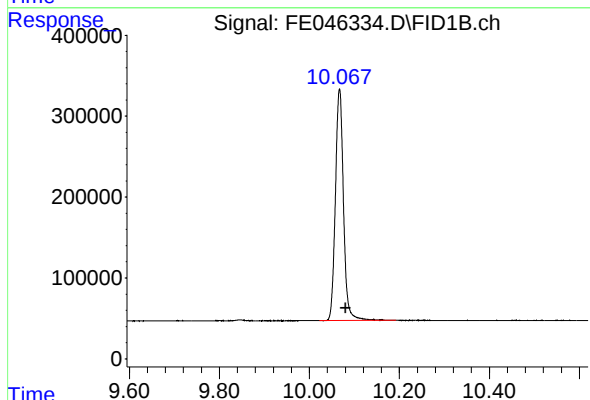
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024



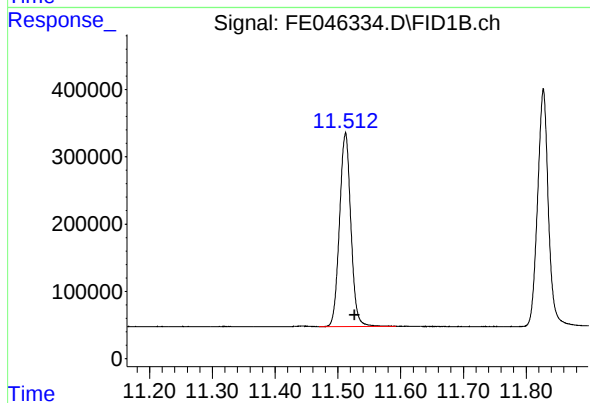
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.013 min
Response: 3466896
Conc: 22.26 ug/ml



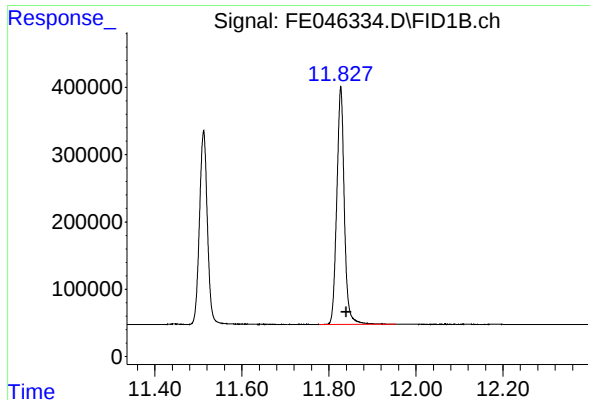
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.013 min
Response: 3573210
Conc: 22.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: -0.015 min
Response: 3608526
Conc: 22.93 ug/ml



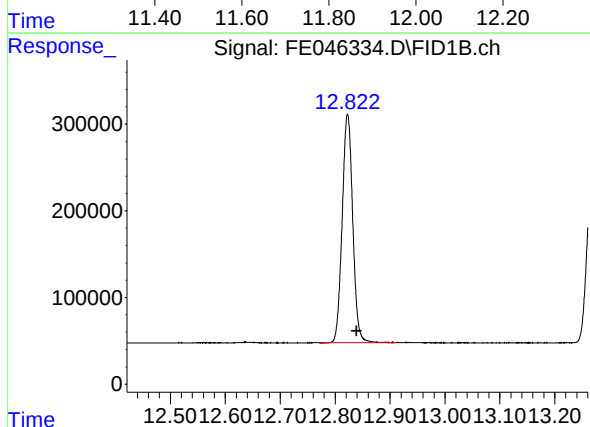
#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.013 min
Response: 4252151
Conc: 23.40 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

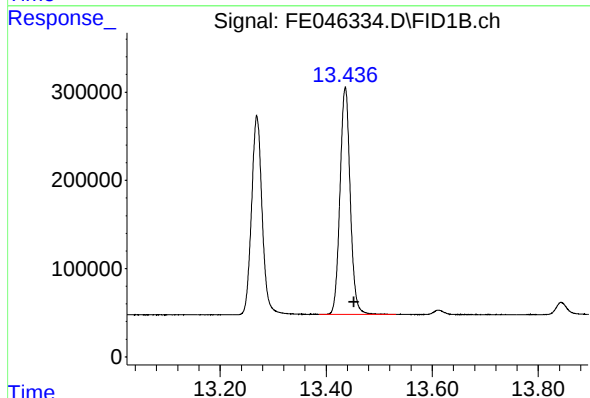
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024



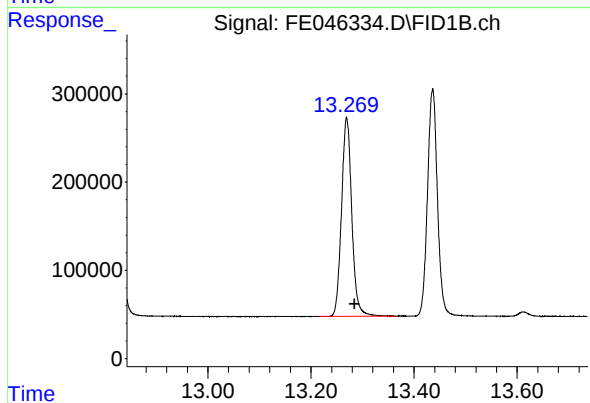
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.016 min
Response: 3507882
Conc: 23.19 ug/ml



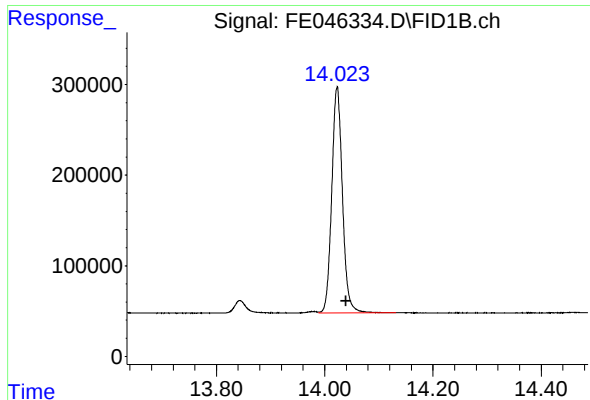
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.016 min
Response: 3439655
Conc: 23.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.015 min
Response: 3120943
Conc: 23.36 ug/ml



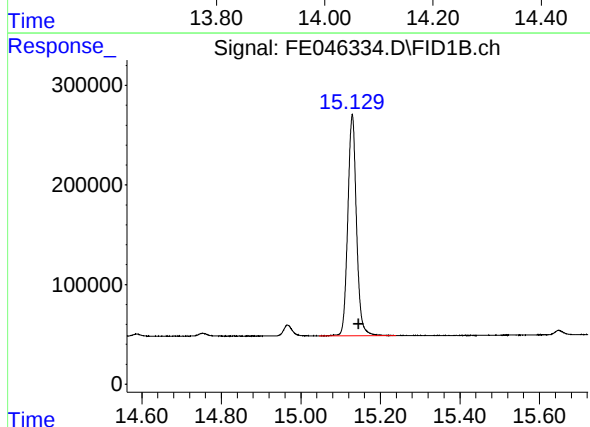
#13 n-Docosane (C22)

R.T.: 14.023 min
Delta R.T.: -0.017 min
Response: 3418411
Conc: 23.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

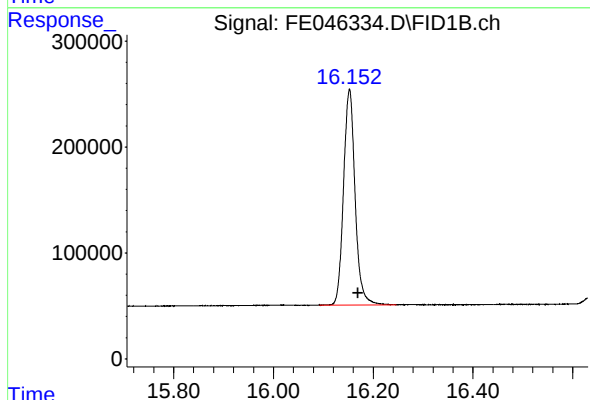
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024



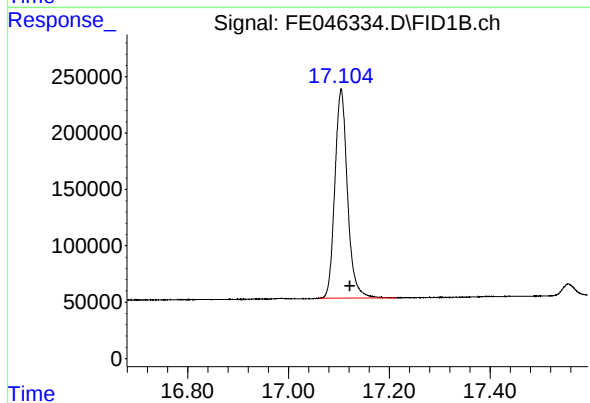
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.016 min
Response: 3372041
Conc: 23.25 ug/ml



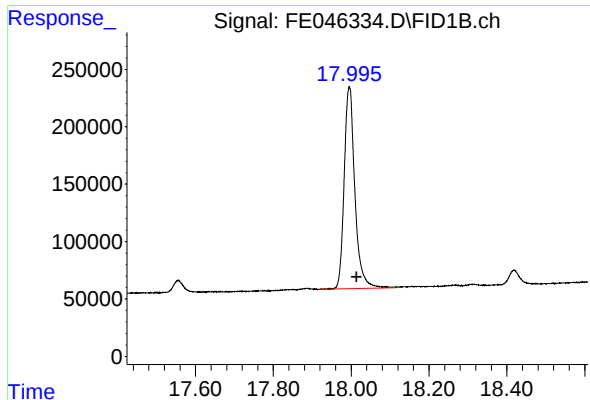
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.017 min
Response: 3274780
Conc: 22.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.018 min
Response: 3222934
Conc: 22.47 ug/ml



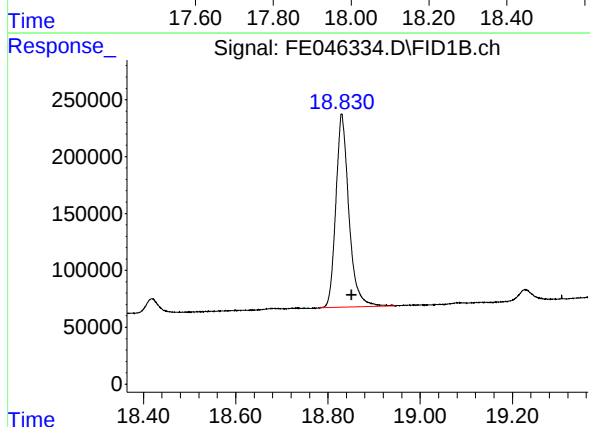
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.019 min
Response: 3356047
Conc: 22.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

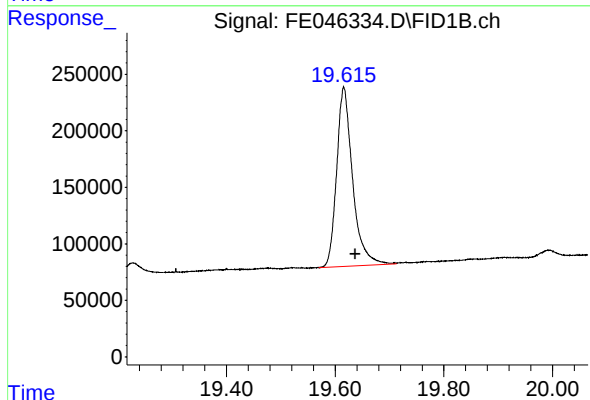
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024



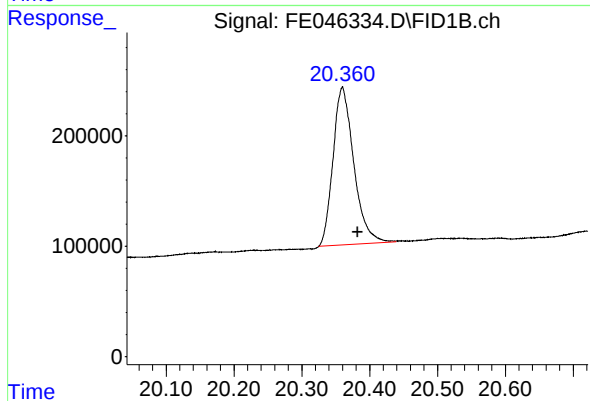
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.022 min
Response: 3329946
Conc: 22.26 ug/ml



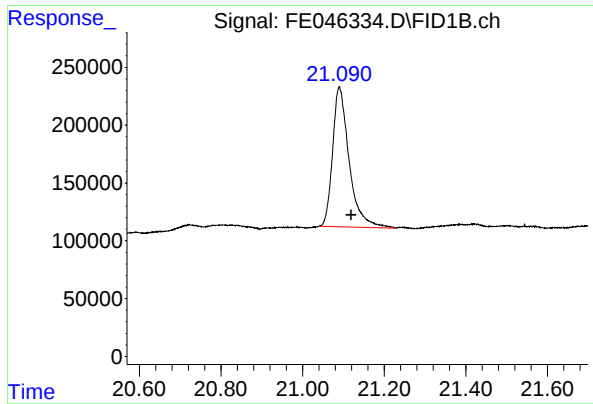
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.021 min
Response: 3227920
Conc: 22.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 3040954
Conc: 20.86 ug/ml



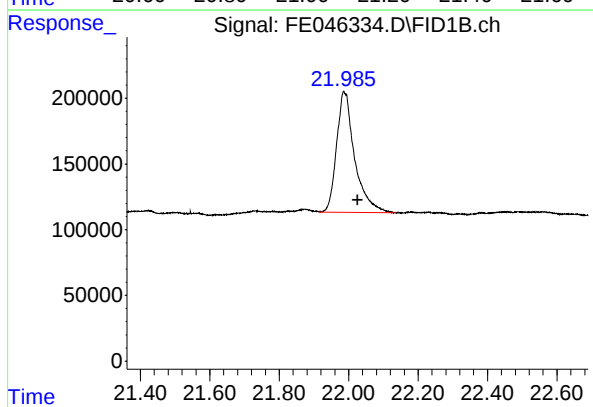
#21 n-Octatriacontane (C38)

R.T.: 21.090 min
Delta R.T.: -0.030 min
Response: 3388984
Conc: 22.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 01/23/2024
Supervised By :Sohil Jodhani 01/23/2024



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.040 min
Response: 3319811
Conc: 21.21 ug/ml m