

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042173.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2023 08:02
 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 :Yogesh Patel 05/24/2023
 Supervised By :Ankita Jodhani 05/24/2023

Integration File: autoint1.e
 Quant Time: May 24 08:27:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.963	3971579	22.492 ug/ml
Spiked Amount 50.000		Recovery =	44.98%
12) S 1-chlorooctadecane (S...	13.399	2919297	21.970 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
Target Compounds			
1) T n-Nonane (C9)	3.346	3244742	22.502 ug/ml
2) T n-Decane (C10)	4.596	3319383	22.423 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3685962	22.591 ug/ml
4) T n-Dodecane (C12)	6.764	3372546	22.490 ug/ml
5) T A~2-methylnaphthalene...	7.399	3563446	22.454 ug/ml
6) T n-Tetradecane (C14)	8.592	3351283	22.371 ug/ml
7) T n-Hexadecane (C16)	10.200	3479817	22.339 ug/ml
8) T n-Octadecane (C18)	11.644	3516461	22.237 ug/ml
10) T n-Eicosane (C20)	12.952	3365567	22.203 ug/ml
11) T n-Heneicosane (C21)	13.565	3290202	22.208 ug/ml
13) T n-Docosane (C22)	14.151	3243789	22.127 ug/ml
14) T n-Tetracosane (C24)	15.254	3192155	22.113 ug/ml
15) T n-Hexacosane (C26)	16.275	3078285	22.226 ug/ml
16) T n-Octacosane (C28)	17.225	2984093	22.289 ug/ml
17) T n-Tricontane (C30)	18.113	3046253	22.566 ug/ml
18) T n-Dotriacontane (C32)	18.943	2984022	22.337 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2828150	21.505 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2700486	20.777 ug/mlm
21) T n-Octatriacontane (C38)	21.217	2667903	19.664 ug/ml
22) T n-Tetracontane (C40)	22.152	2574018	18.502 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
Data File : FE042173.D
Signal(s) : FID1B.ch
Acq On : 24 May 2023 08:02
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

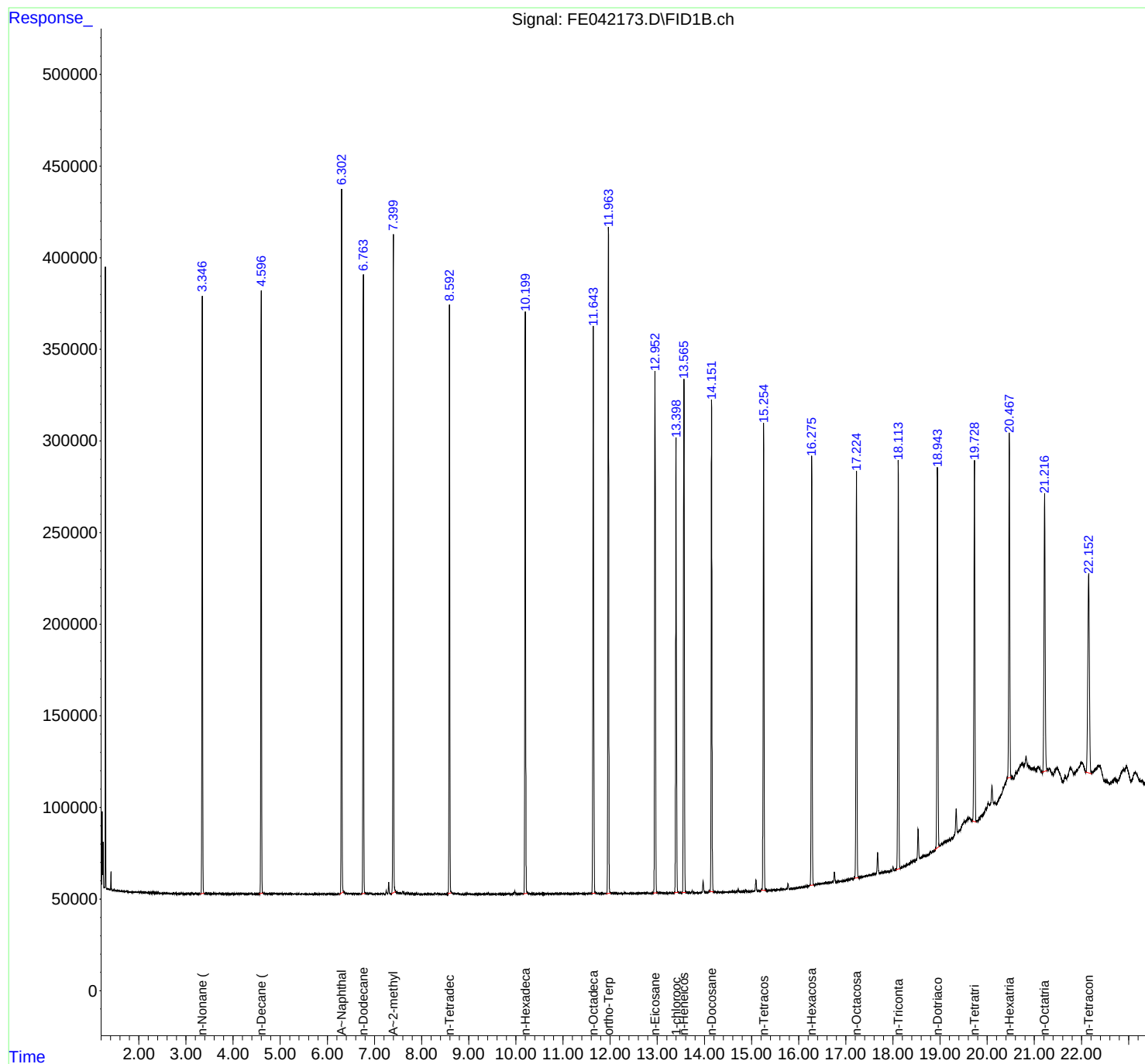
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

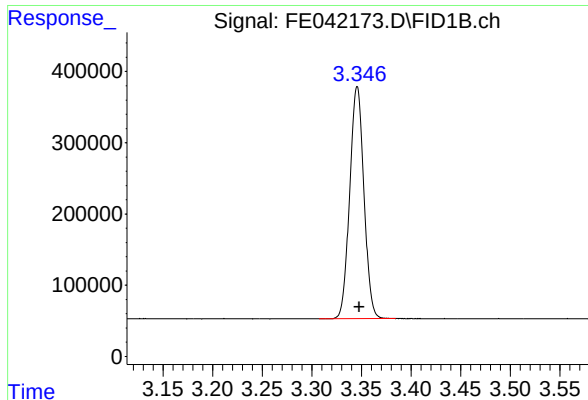
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023

Integration File: autoint1.e
Quant Time: May 24 08:27:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 2023
Response via : Initial Calibration
Integrator: ChemStation

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





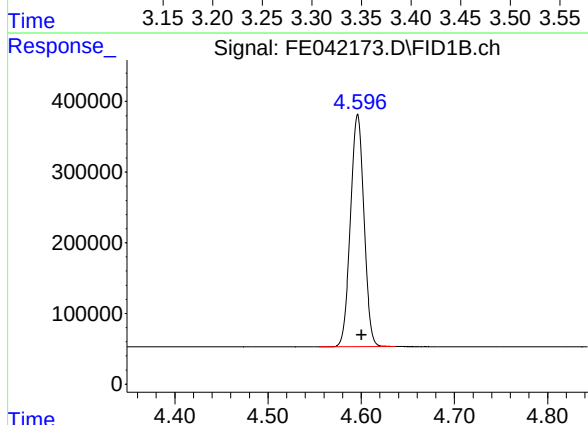
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 3244742
Conc: 22.50 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

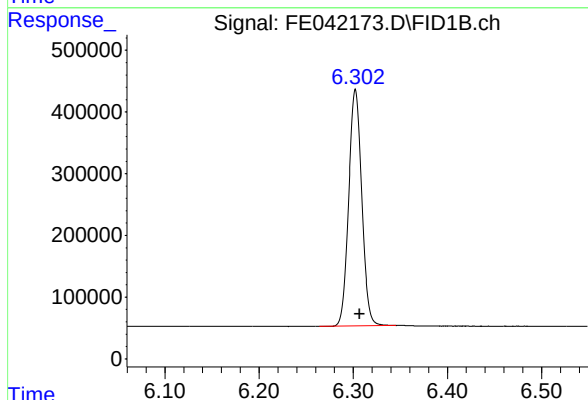
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



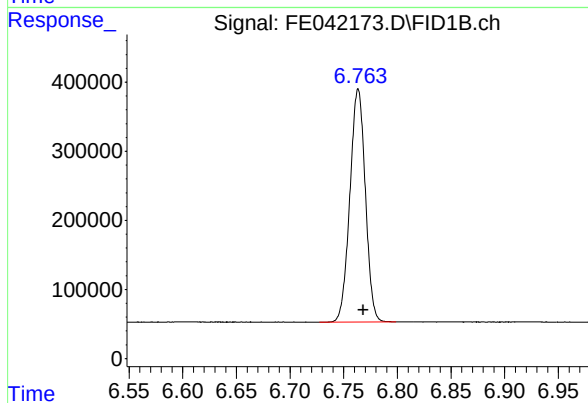
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 3319383
Conc: 22.42 ug/ml



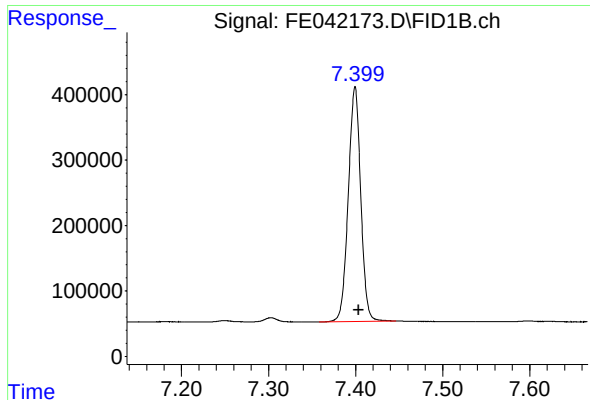
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 3685962
Conc: 22.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.764 min
Delta R.T.: -0.005 min
Response: 3372546
Conc: 22.49 ug/ml



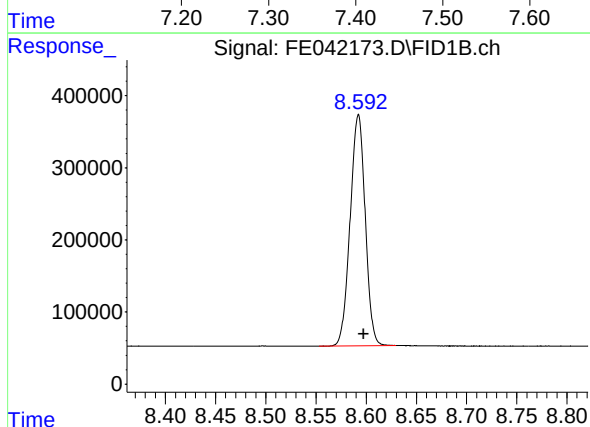
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 3563446
Conc: 22.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

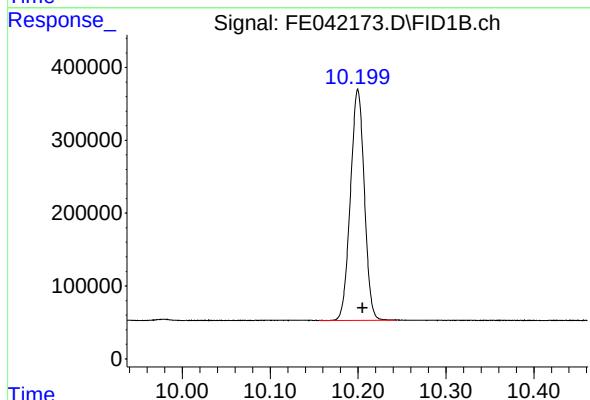
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



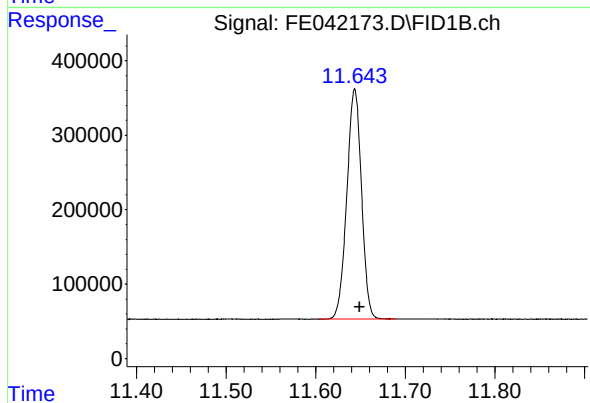
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.005 min
Response: 3351283
Conc: 22.37 ug/ml



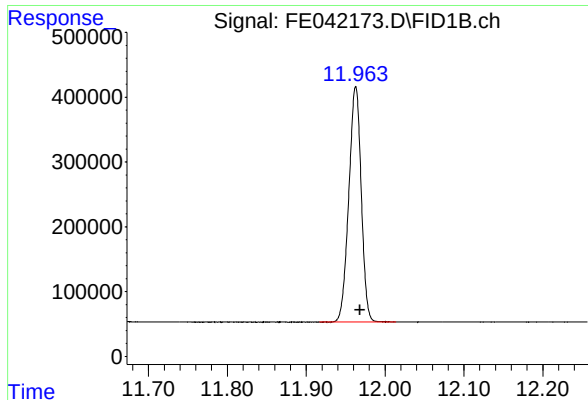
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.005 min
Response: 3479817
Conc: 22.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.006 min
Response: 3516461
Conc: 22.24 ug/ml



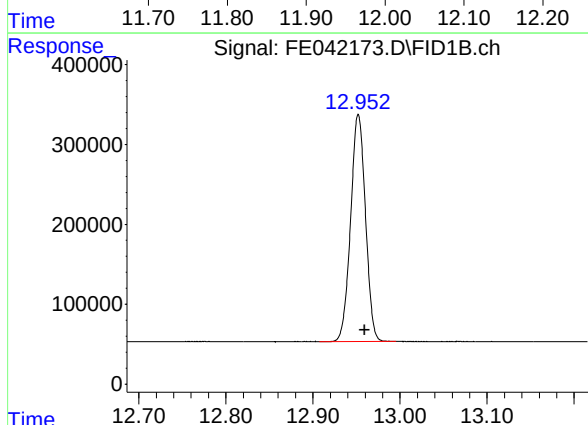
#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.005 min
Response: 3971579
Conc: 22.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

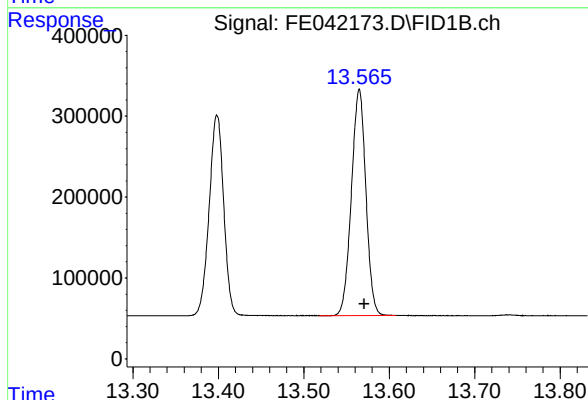
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



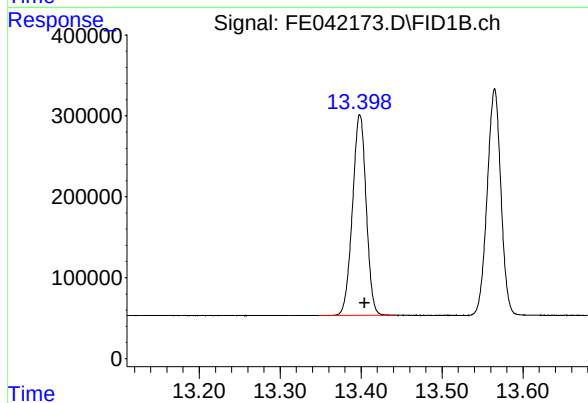
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 3365567
Conc: 22.20 ug/ml



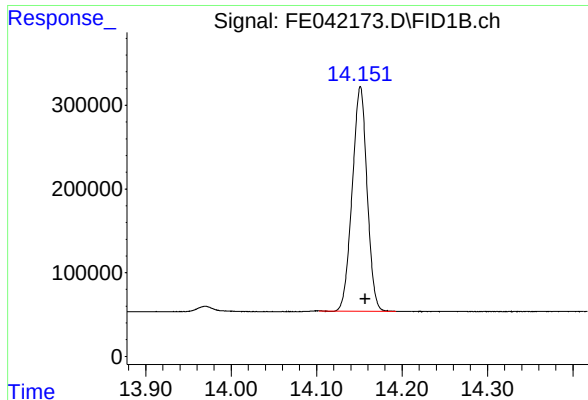
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.006 min
Response: 3290202
Conc: 22.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.006 min
Response: 2919297
Conc: 21.97 ug/ml



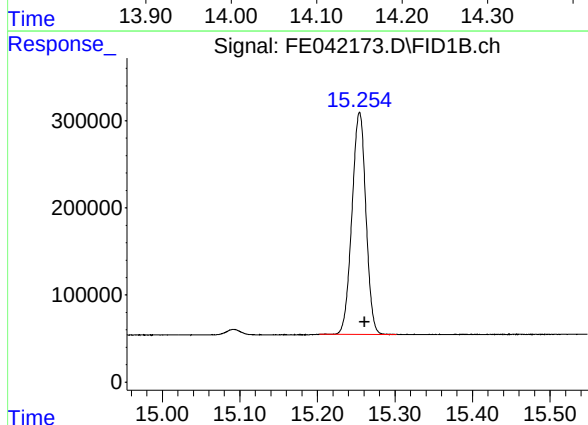
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.006 min
Response: 3243789
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

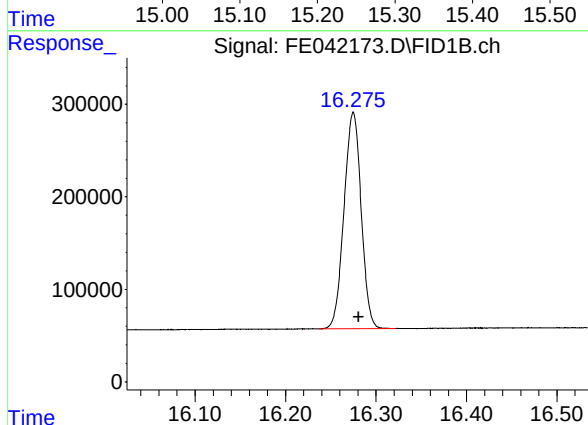
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



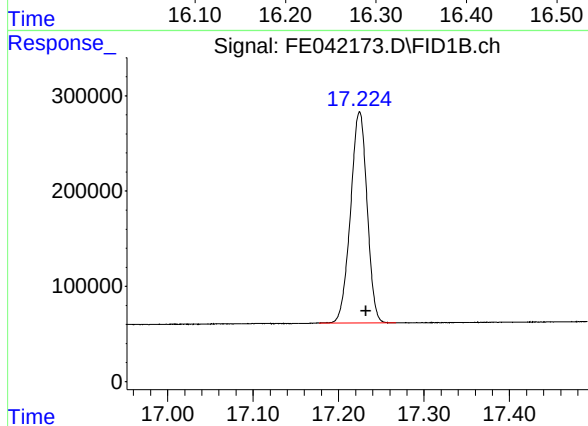
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.006 min
Response: 3192155
Conc: 22.11 ug/ml



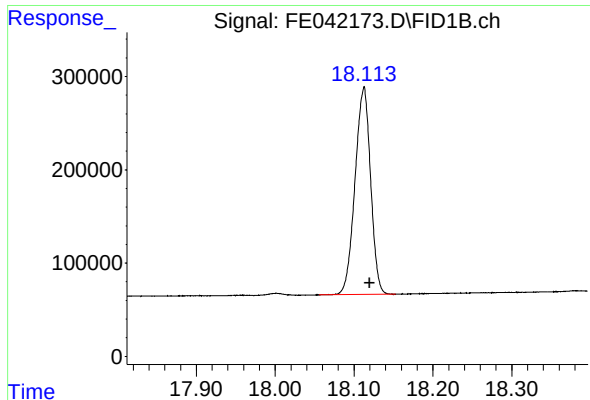
#15 n-Hexacosane (C26)

R.T.: 16.275 min
Delta R.T.: -0.006 min
Response: 3078285
Conc: 22.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.008 min
Response: 2984093
Conc: 22.29 ug/ml



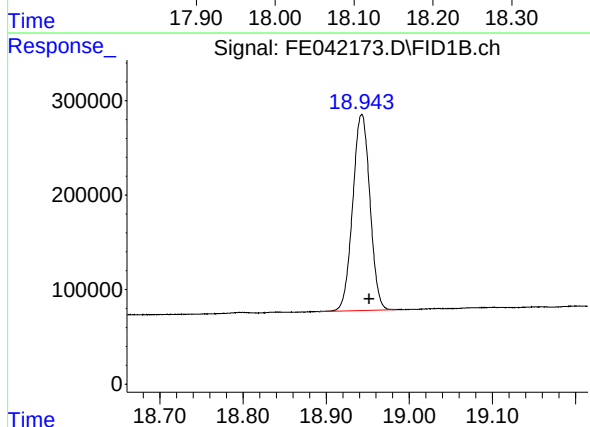
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.007 min
Response: 3046253
Conc: 22.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

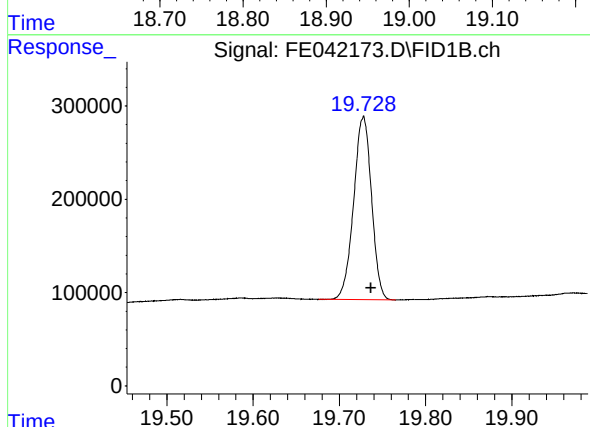
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



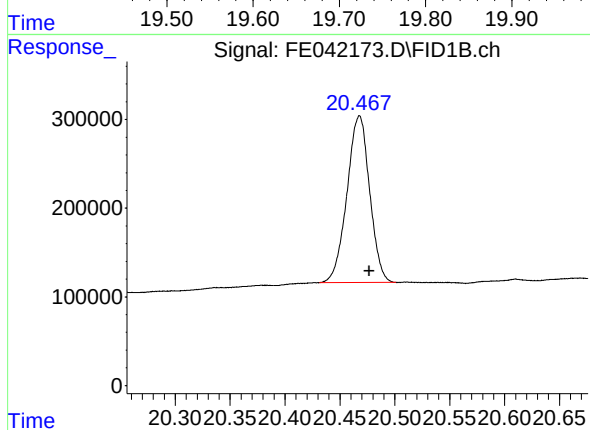
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
Delta R.T.: -0.009 min
Response: 2984022
Conc: 22.34 ug/ml



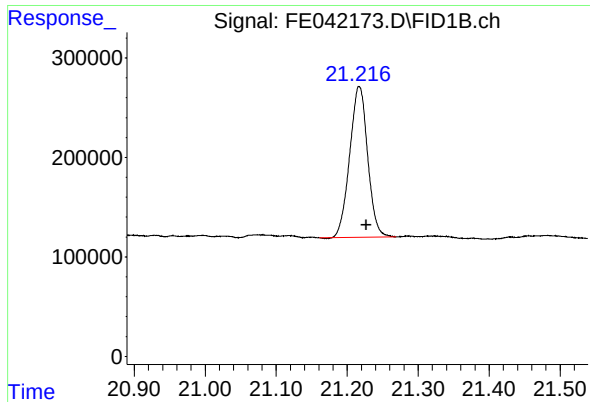
#19 n-Tetatriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.009 min
Response: 2828150
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2700486
Conc: 20.78 ug/ml m



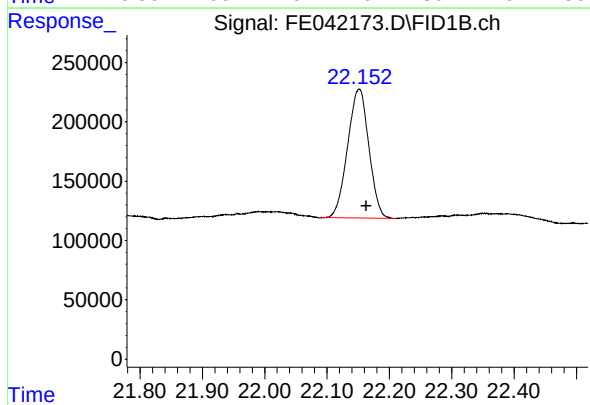
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.010 min
Response: 2667903
Conc: 19.66 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2023
Supervised By :Ankita Jodhani 05/24/2023



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: -0.011 min
Response: 2574018
Conc: 18.50 ug/ml