

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
 Data File : FE050706.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2024 09:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
 Quant Time: Oct 18 03:46:12 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)	11.863	3318901	21.052 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
12) S 1-chlorooctadecane (S...	13.298	2511614	21.232 ug/ml
Spiked Amount 50.000		Recovery =	42.46%
Target Compounds			
1) T n-Nonane (C9)	3.250	3002758	21.252 ug/ml
2) T n-Decane (C10)	4.501	3093074	21.558 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3132839	21.909 ug/ml
4) T n-Dodecane (C12)	6.668	3123482	21.701 ug/ml
5) T A~2-methylnaphthalene...	7.308	2930664	22.122 ug/ml
6) T n-Tetradecane (C14)	8.496	3087388	21.580 ug/ml
7) T n-Hexadecane (C16)	10.101	3159655	21.469 ug/ml
8) T n-Octadecane (C18)	11.544	3171591	21.233 ug/ml
10) T n-Eicosane (C20)	12.851	3018527	21.050 ug/ml
11) T n-Heneicosane (C21)	13.463	2953582	21.032 ug/ml
13) T n-Docosane (C22)	14.048	2922353	20.830 ug/ml
14) T n-Tetracosane (C24)	15.150	2917588	20.652 ug/ml
15) T n-Hexacosane (C26)	16.169	2911725	20.692 ug/ml
16) T n-Octacosane (C28)	17.118	2890381	19.752 ug/ml
17) T n-Tricontane (C30)	18.004	3063795	19.269 ug/ml
18) T n-Dotriacontane (C32)	18.837	3083998	19.024 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2838835	19.326 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2570994	20.274 ug/ml
21) T n-Octatriacontane (C38)	21.085	2404915	19.450 ug/ml
22) T n-Tetracontane (C40)	21.972	2063943	18.536 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101724AL\
Data File : FE050706.D
Signal(s) : FID1B.ch
Acq On : 17 Oct 2024 09:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

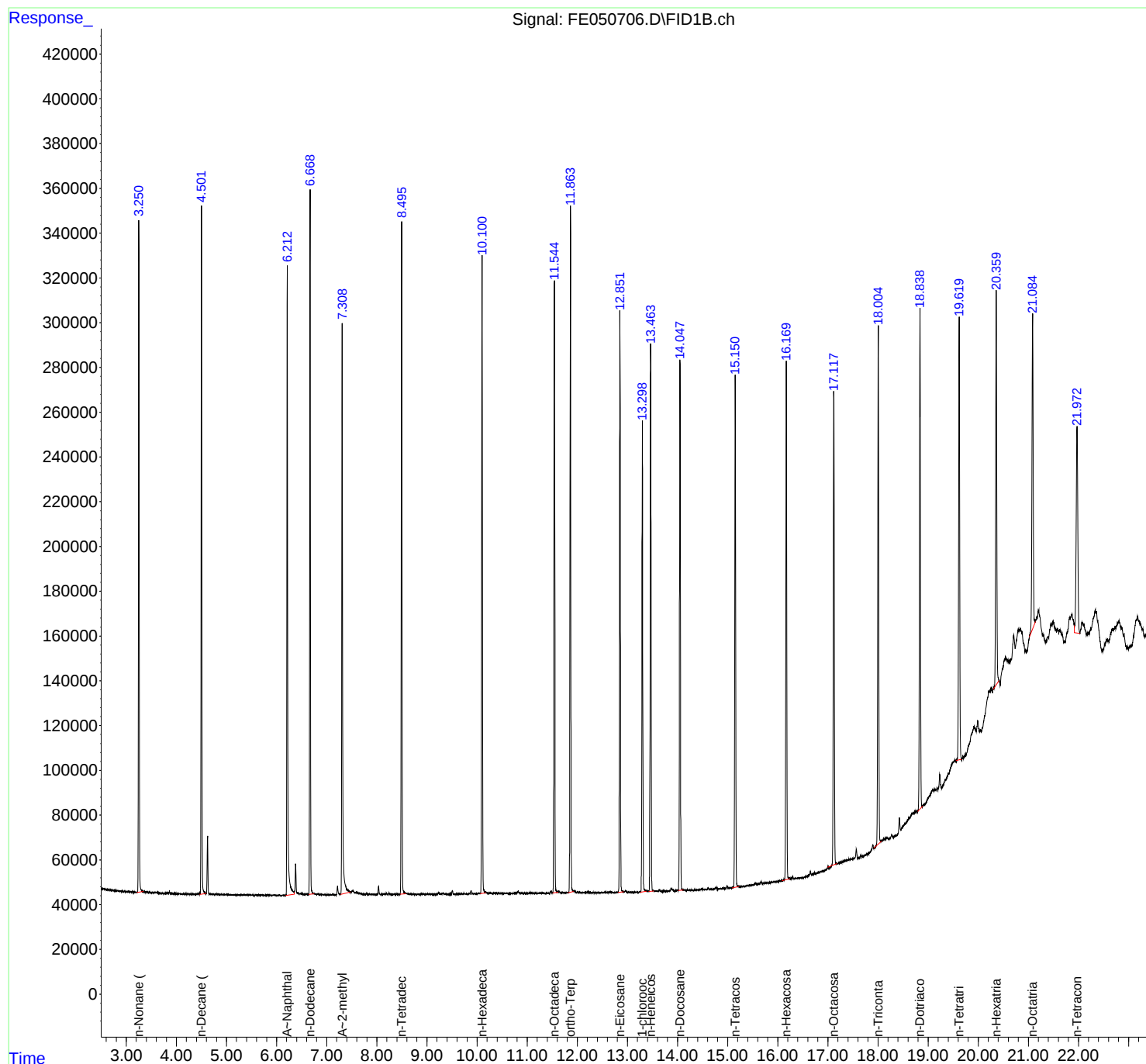
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

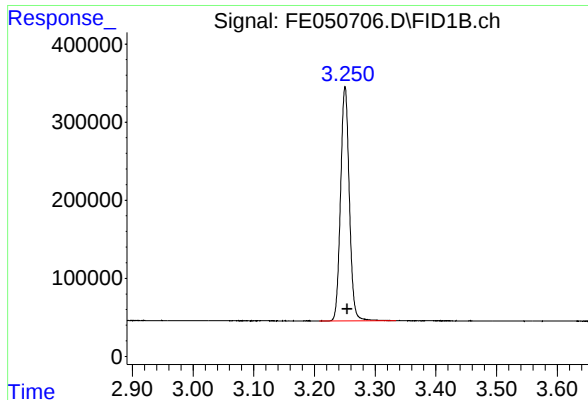
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
Quant Time: Oct 18 03:46:12 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





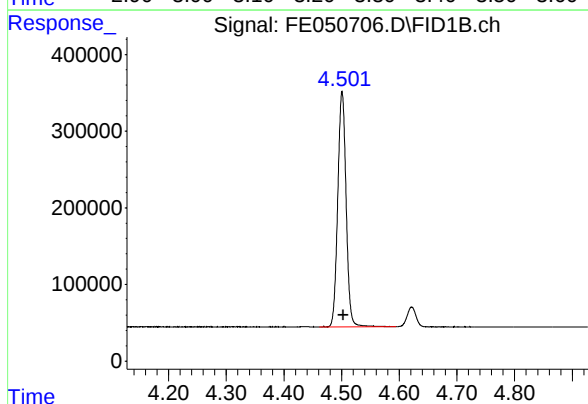
#1 n-Nonane (C9)

R.T.: 3.250 min
Delta R.T.: -0.004 min
Response: 3002758
Conc: 21.25 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

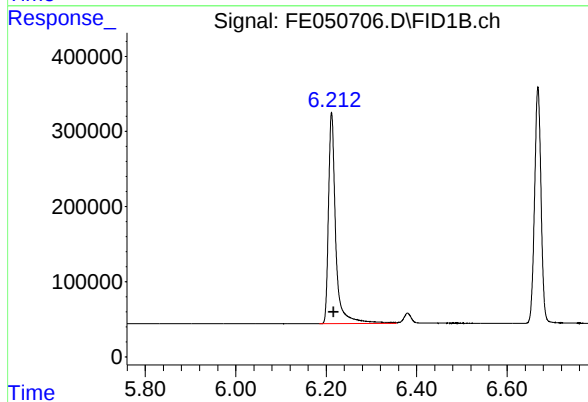
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



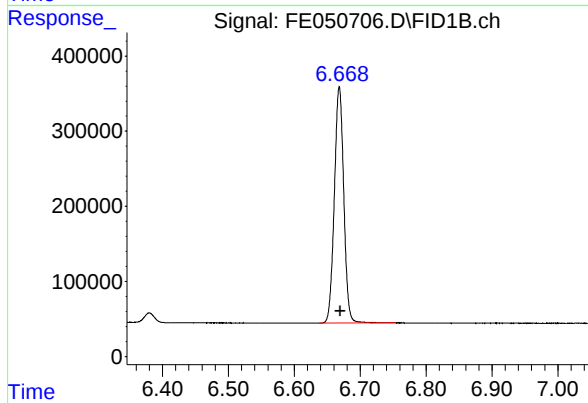
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 3093074
Conc: 21.56 ug/ml



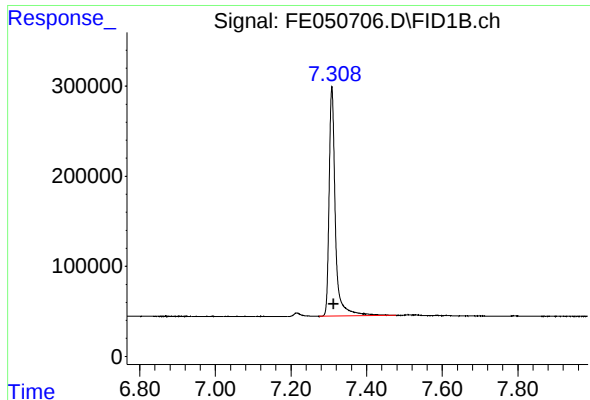
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 3132839
Conc: 21.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.001 min
Response: 3123482
Conc: 21.70 ug/ml



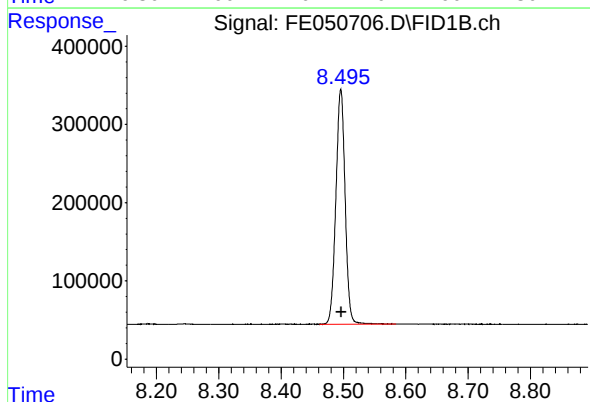
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 2930664
Conc: 22.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

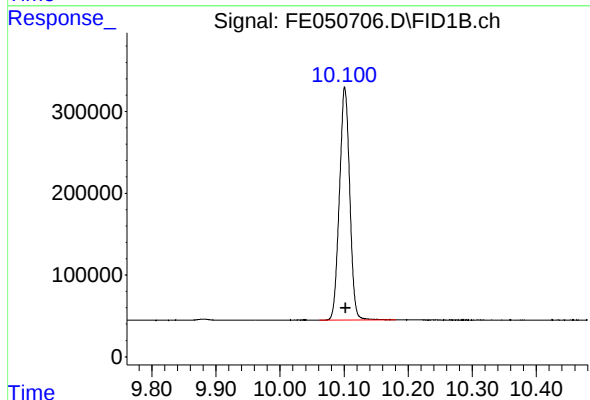
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



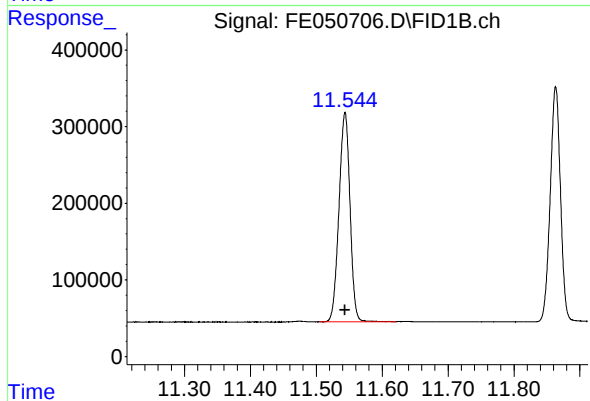
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 3087388
Conc: 21.58 ug/ml



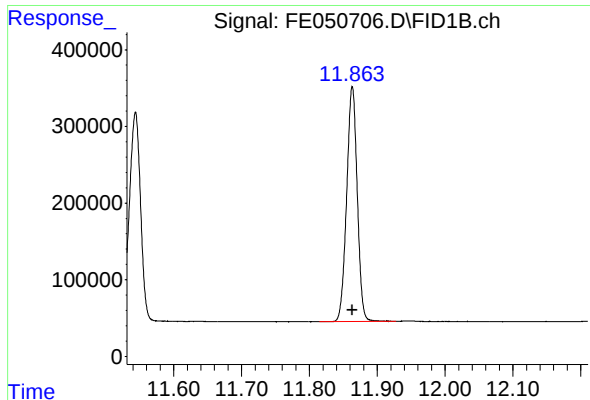
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 3159655
Conc: 21.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 3171591
Conc: 21.23 ug/ml



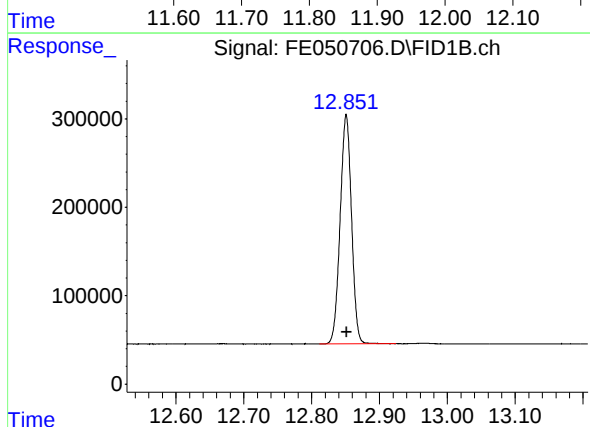
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 3318901
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

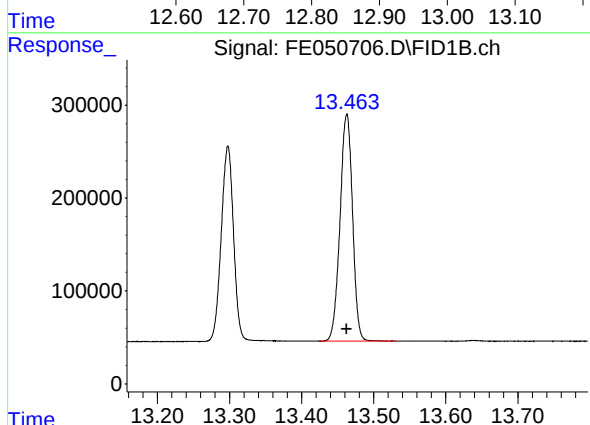
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



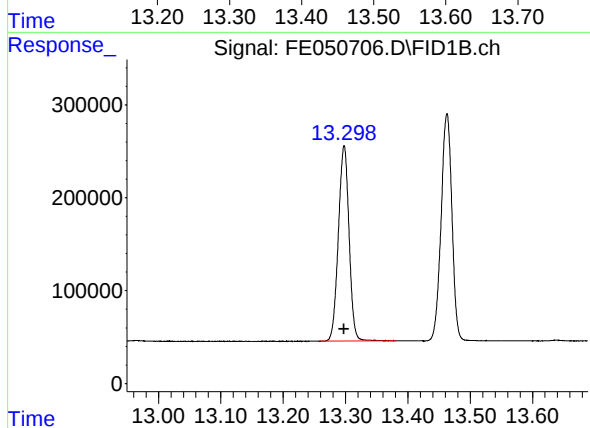
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: 0.000 min
Response: 3018527
Conc: 21.05 ug/ml



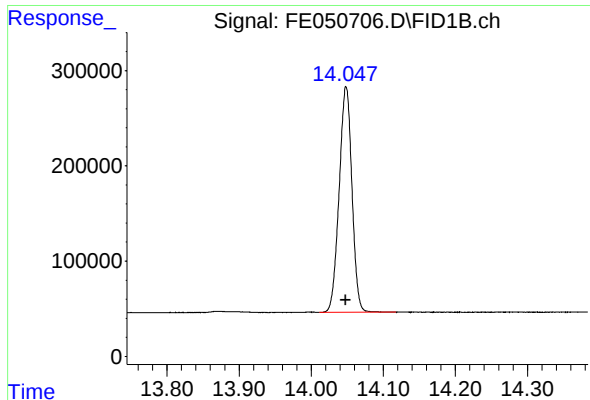
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 2953582
Conc: 21.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 2511614
Conc: 21.23 ug/ml



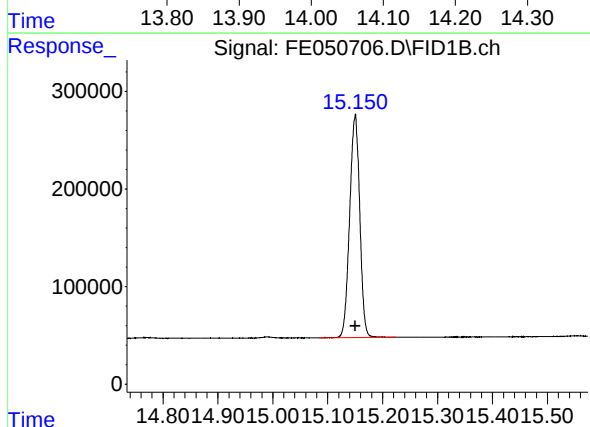
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: 0.000 min
Response: 2922353
Conc: 20.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

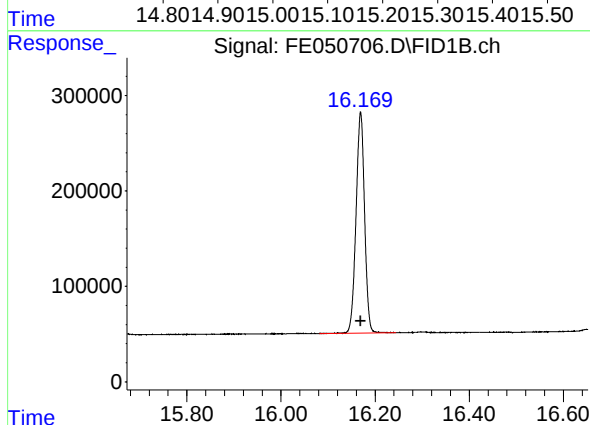
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



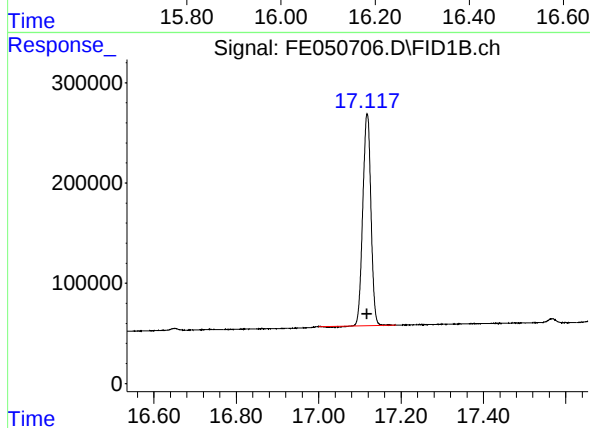
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 2917588
Conc: 20.65 ug/ml



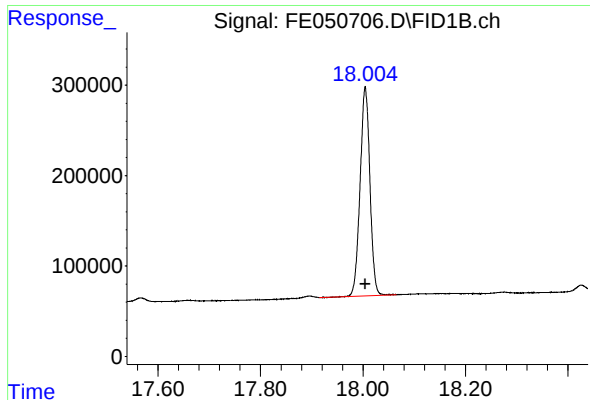
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 2911725
Conc: 20.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.000 min
Response: 2890381
Conc: 19.75 ug/ml



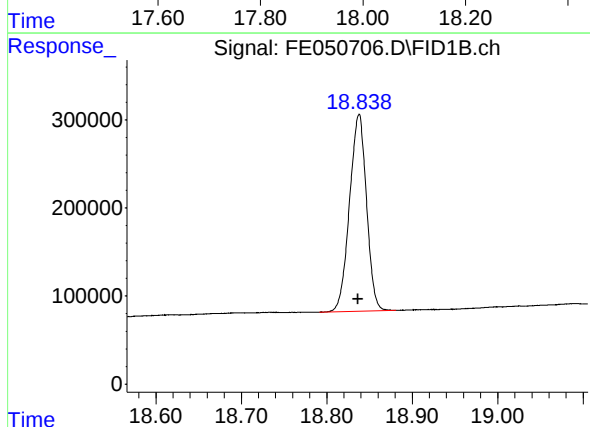
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 3063795
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

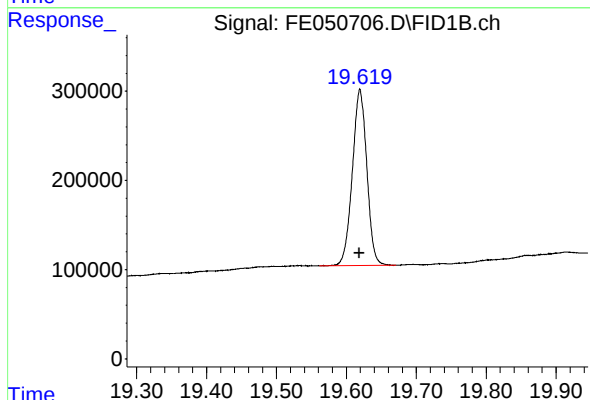
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



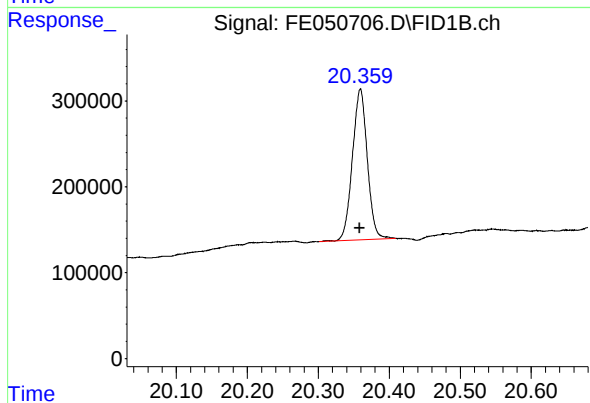
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: 0.000 min
Response: 3083998
Conc: 19.02 ug/ml



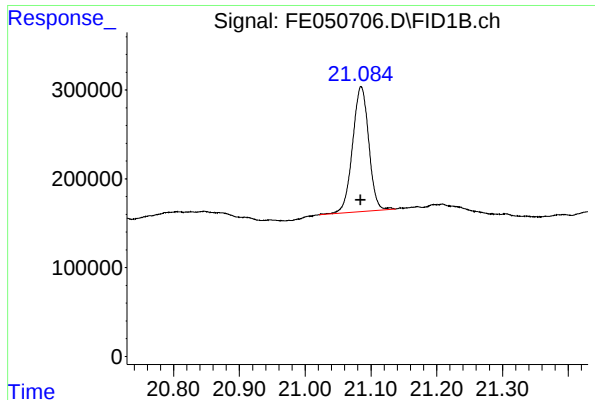
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 2838835
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: 0.000 min
Response: 2570994
Conc: 20.27 ug/ml



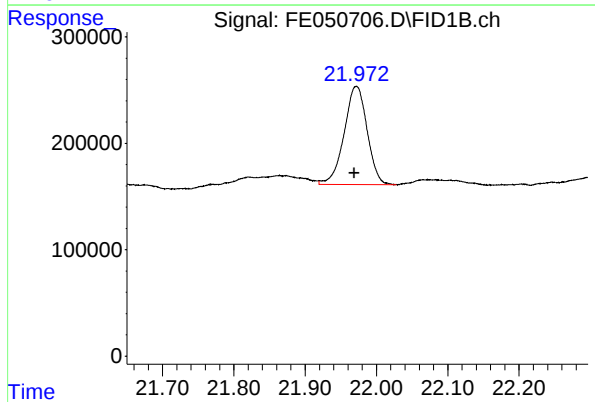
#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.000 min
Response: 2404915
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :Ankita Jodhani 10/18/2024



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: 0.003 min
Response: 2063943
Conc: 18.54 ug/ml m