

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030322AL\
 Data File : FE035215.D
 Signal(s) : FID1B.CH
 Acq On : 03 Mar 2022 18:14
 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 03/04/2022
 Supervised By :Ankita Jodhani 03/04/2022

Integration File: autoint1.e
 Quant Time: Mar 04 00:46:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.361	2755991	19.898 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	12.795	2151451	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.183	2304868	20.073 ug/ml
2) T n-Decane (C10)	4.237	2295542	20.149 ug/ml
3) T A~Naphthalene (C11.7)	5.802	2563686	20.185 ug/ml
4) T n-Dodecane (C12)	6.242	2364922	20.114 ug/ml
5) T A~2-methylnaphthalene...	6.851	2589638	20.273 ug/ml
6) T n-Tetradecane (C14)	8.027	2404080	20.145 ug/ml
7) T n-Hexadecane (C16)	9.619	2463875	20.223 ug/ml
8) T n-Octadecane (C18)	11.054	2505840	19.990 ug/ml
10) T n-Eicosane (C20)	12.356	2510635	19.855 ug/ml
11) T n-Heneicosane (C21)	12.964	2525752	19.833 ug/ml
13) T n-Docosane (C22)	13.547	2505644	19.732 ug/ml
14) T n-Tetracosane (C24)	14.645	2485924	19.628 ug/ml
15) T n-Hexacosane (C26)	15.659	2436058	19.646 ug/ml
16) T n-Octacosane (C28)	16.604	2375851	19.822 ug/ml
17) T n-Tricontane (C30)	17.486	2309497	20.390 ug/ml
18) T n-Dotriacontane (C32)	18.314	2126447	20.882 ug/ml
19) T n-Tetratriacontane (C34)	19.093	1877850	21.046 ug/ml
20) T n-Hexatriacontane (C36)	19.830	1586093	20.893 ug/ml
21) T n-Octatriacontane (C38)	20.530	1462394	22.146 ug/ml
22) T n-Tetracontane (C40)	21.341	1377341	22.518 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030322AL\
Data File : FE035215.D
Signal(s) : FID1B.CH
Acq On : 03 Mar 2022 18:14
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

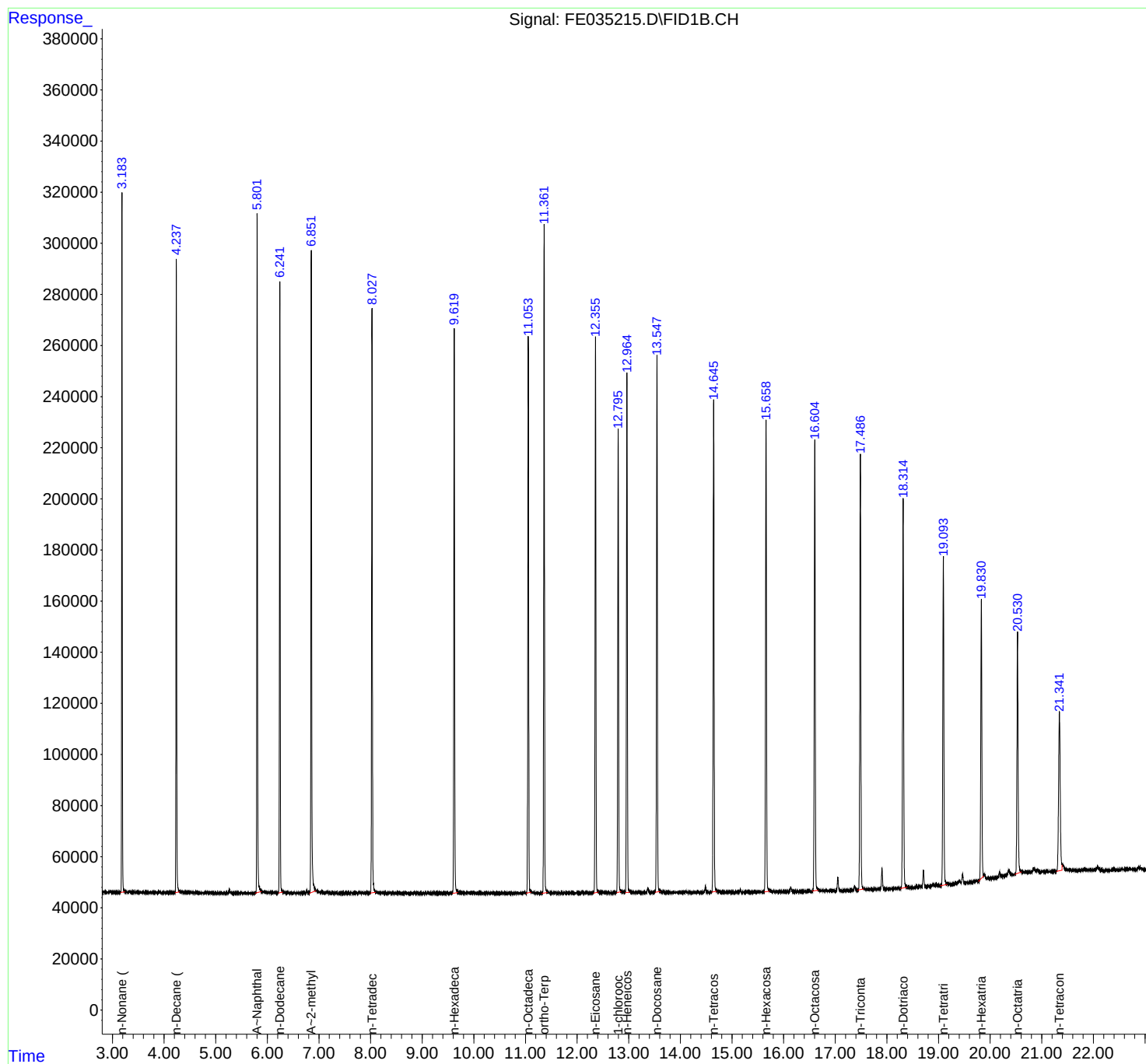
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

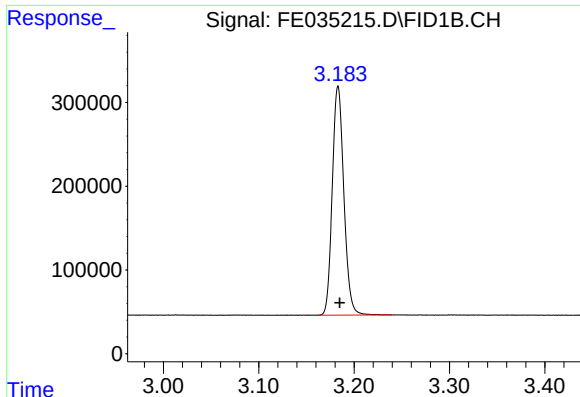
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 03/04/2022
Supervised By : Ankita Jodhani 03/04/2022

Integration File: autoint1.e
Quant Time: Mar 04 00:46:50 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 02:07:56 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





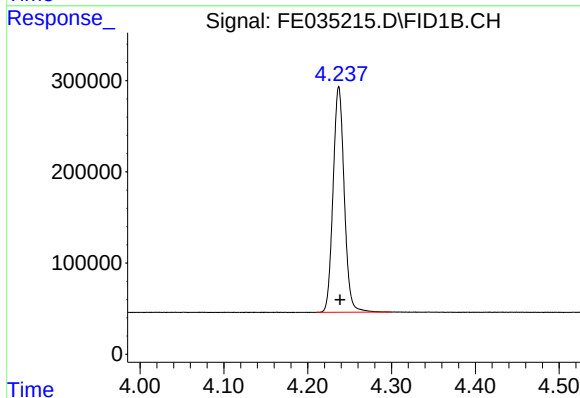
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.002 min
Response: 2304868
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

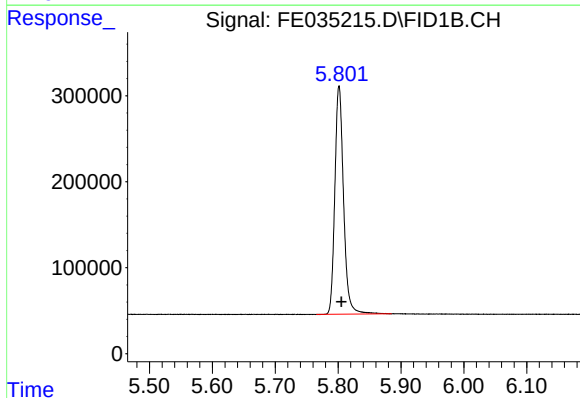
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



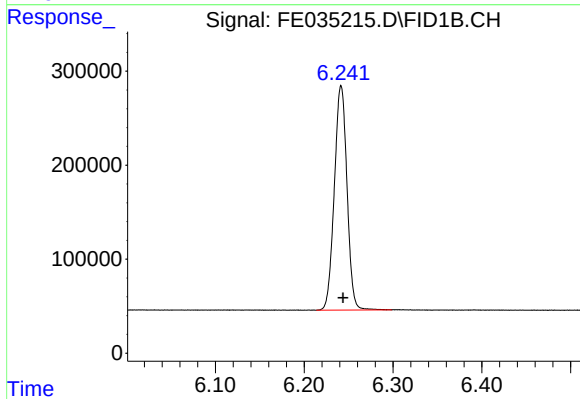
#2 n-Decane (C10)

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 2295542
Conc: 20.15 ug/ml



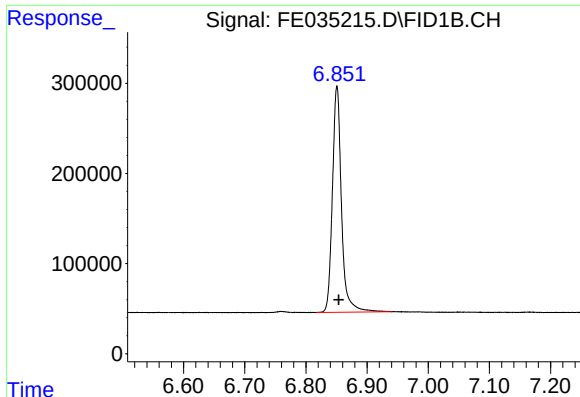
#3 A~Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 2563686
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.242 min
Delta R.T.: -0.002 min
Response: 2364922
Conc: 20.11 ug/ml



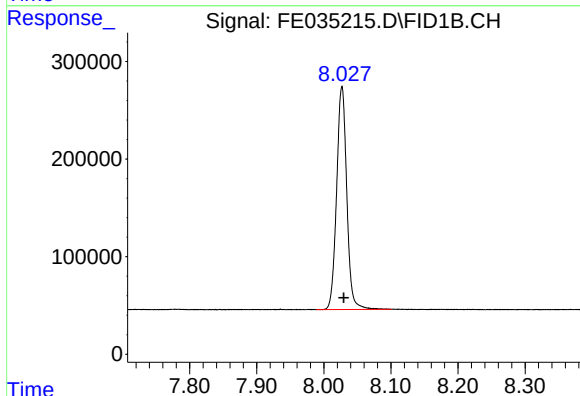
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 2589638
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

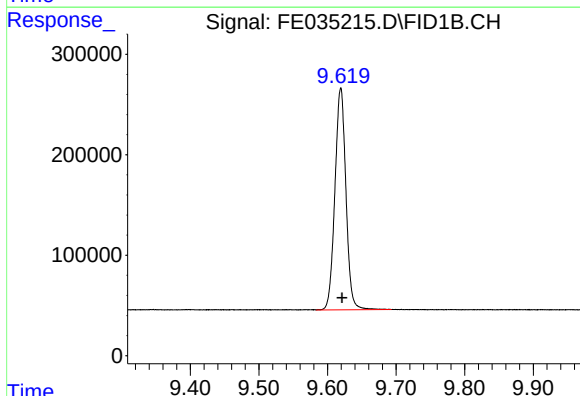
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



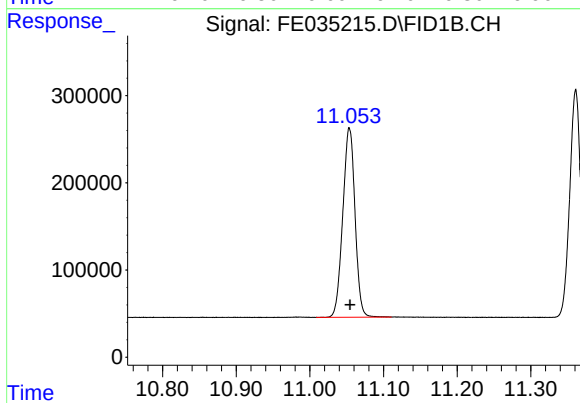
#6 n-Tetradecane (C14)

R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 2404080
Conc: 20.14 ug/ml



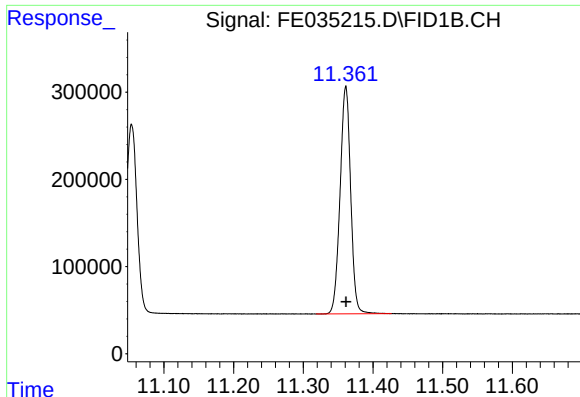
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: -0.002 min
Response: 2463875
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.054 min
Delta R.T.: -0.001 min
Response: 2505840
Conc: 19.99 ug/ml



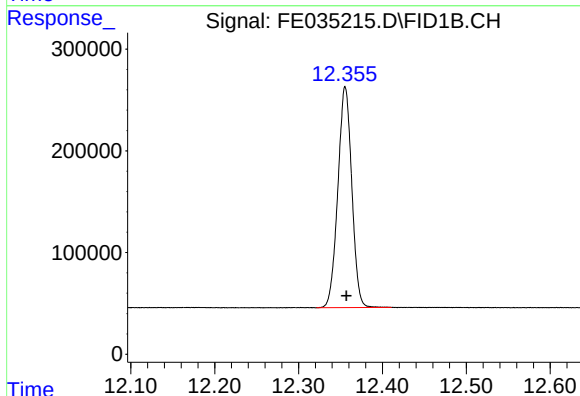
#9 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.000 min
Response: 2755991
Conc: 19.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

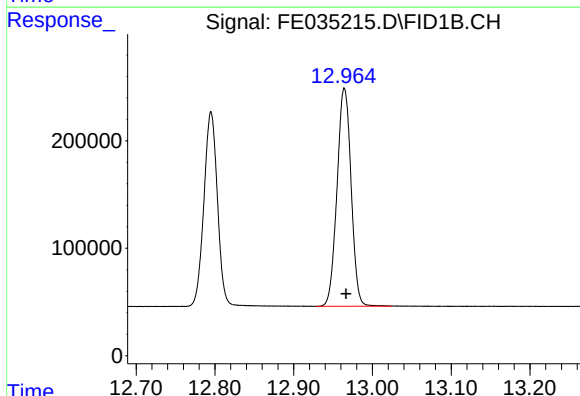
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



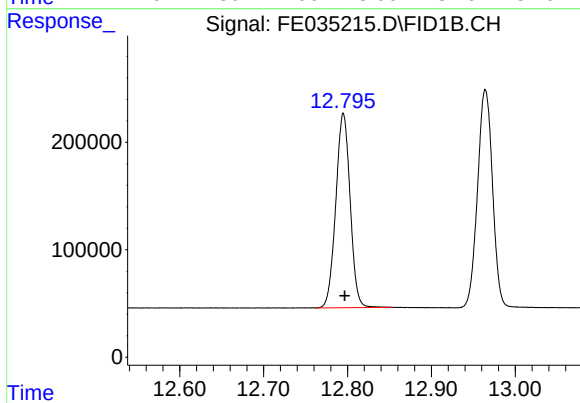
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: -0.002 min
Response: 2510635
Conc: 19.85 ug/ml



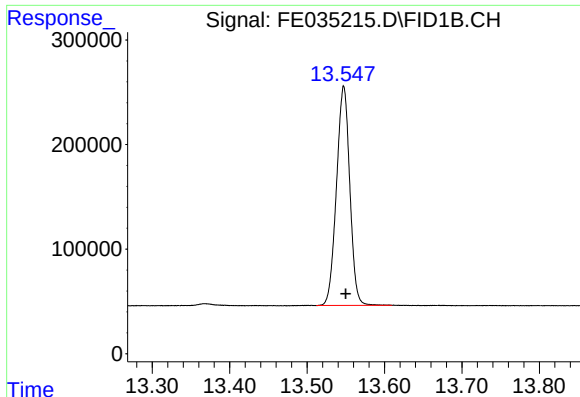
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.002 min
Response: 2525752
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: -0.002 min
Response: 2151451
Conc: 19.86 ug/ml



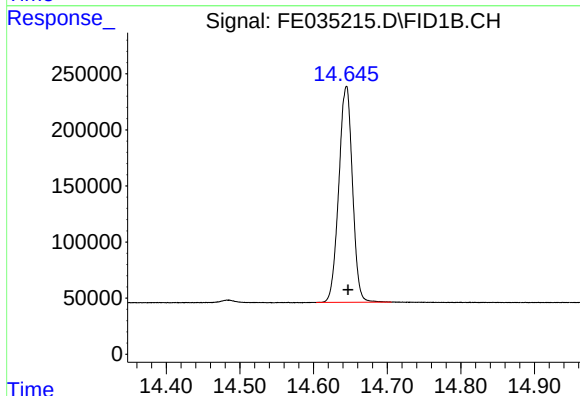
#13 n-Docosane (C22)

R.T.: 13.547 min
Delta R.T.: -0.003 min
Response: 2505644
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

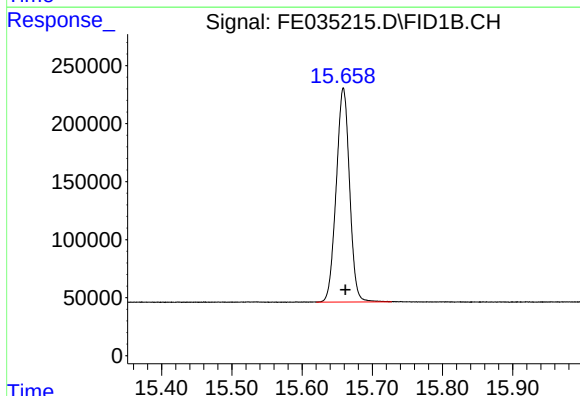
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



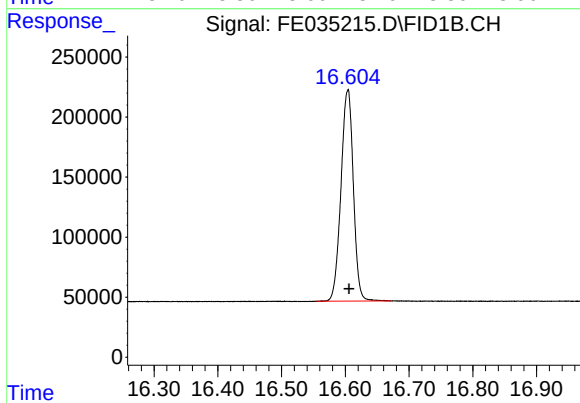
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.002 min
Response: 2485924
Conc: 19.63 ug/ml



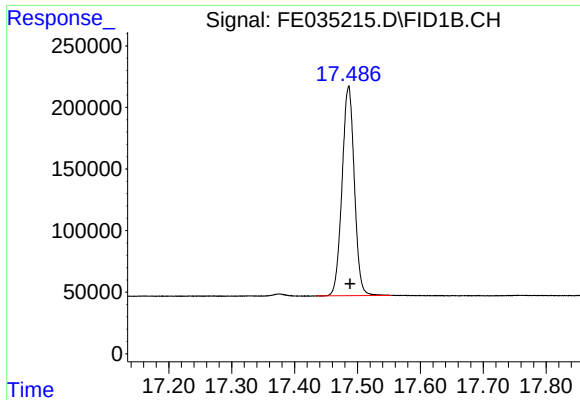
#15 n-Hexacosane (C26)

R.T.: 15.659 min
Delta R.T.: -0.003 min
Response: 2436058
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.604 min
Delta R.T.: -0.002 min
Response: 2375851
Conc: 19.82 ug/ml



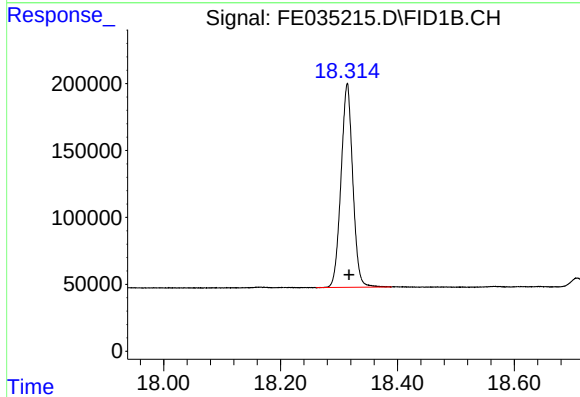
#17 n-Tricontane (C30)

R.T.: 17.486 min
Delta R.T.: -0.002 min
Response: 2309497
Conc: 20.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

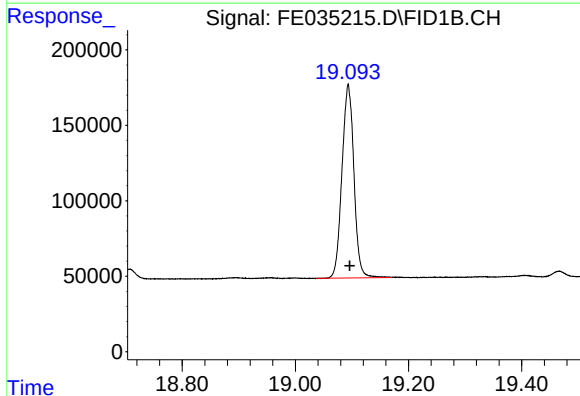
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



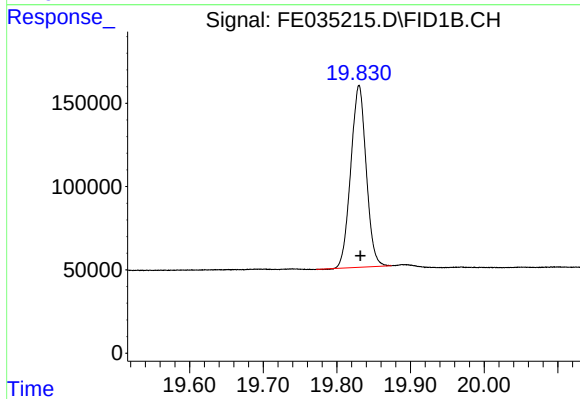
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: -0.003 min
Response: 2126447
Conc: 20.88 ug/ml



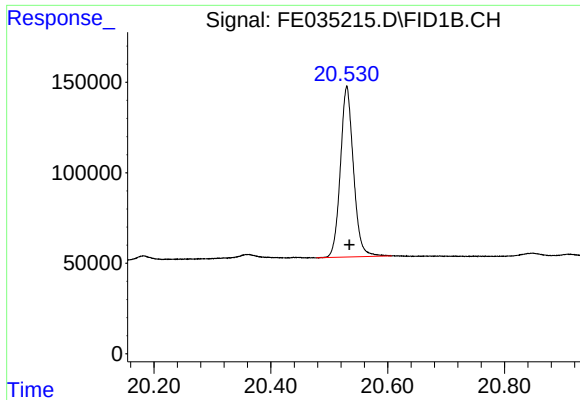
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.003 min
Response: 1877850
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.830 min
Delta R.T.: -0.002 min
Response: 1586093
Conc: 20.89 ug/ml



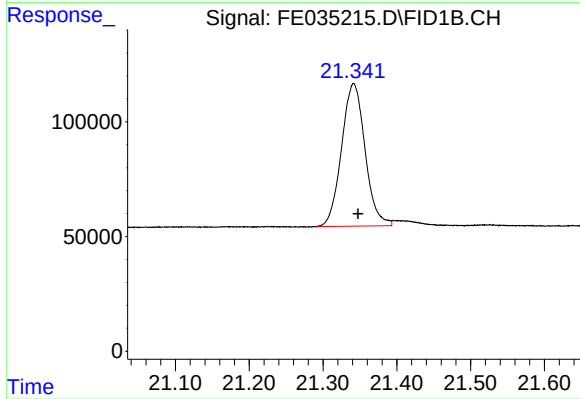
#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: -0.005 min
Response: 1462394
Conc: 22.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



#22 n-Tetracontane (C40)

R.T.: 21.341 min
Delta R.T.: -0.007 min
Response: 1377341
Conc: 22.52 ug/ml m