

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
 Data File : FE038954.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2022 13:34
 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 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 03:01:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.955	3009282	19.236 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.390	2311408	19.144 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.348	2673465	18.861 ug/ml
2) T n-Decane (C10)	4.598	2640090	18.942 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3042693	19.130 ug/ml
4) T n-Dodecane (C12)	6.762	2672658	18.961 ug/ml
5) T A~2-methylnaphthalene...	7.396	2857131	19.090 ug/ml
6) T n-Tetradecane (C14)	8.588	2720878	19.051 ug/ml
7) T n-Hexadecane (C16)	10.194	2802376	19.167 ug/ml
8) T n-Octadecane (C18)	11.637	2822977	19.184 ug/ml
10) T n-Eicosane (C20)	12.945	2727649	19.214 ug/ml
11) T n-Heneicosane (C21)	13.557	2730942	19.219 ug/ml
13) T n-Docosane (C22)	14.143	2683380	19.196 ug/ml
14) T n-Tetracosane (C24)	15.246	2649233	19.183 ug/ml
15) T n-Hexacosane (C26)	16.267	2593810	19.312 ug/ml
16) T n-Octacosane (C28)	17.216	2622413	19.747 ug/ml
17) T n-Tricontane (C30)	18.103	2722042	20.612 ug/ml
18) T n-Dotriacontane (C32)	18.937	2796213	20.966 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2763600	20.885 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2654166	20.660 ug/ml
21) T n-Octatriacontane (C38)	21.203	2707228	20.660 ug/ml
22) T n-Tetracontane (C40)	22.130	2650150	19.462 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112522AL\
Data File : FE038954.D
Signal(s) : FID1B.ch
Acq On : 25 Nov 2022 13:34
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

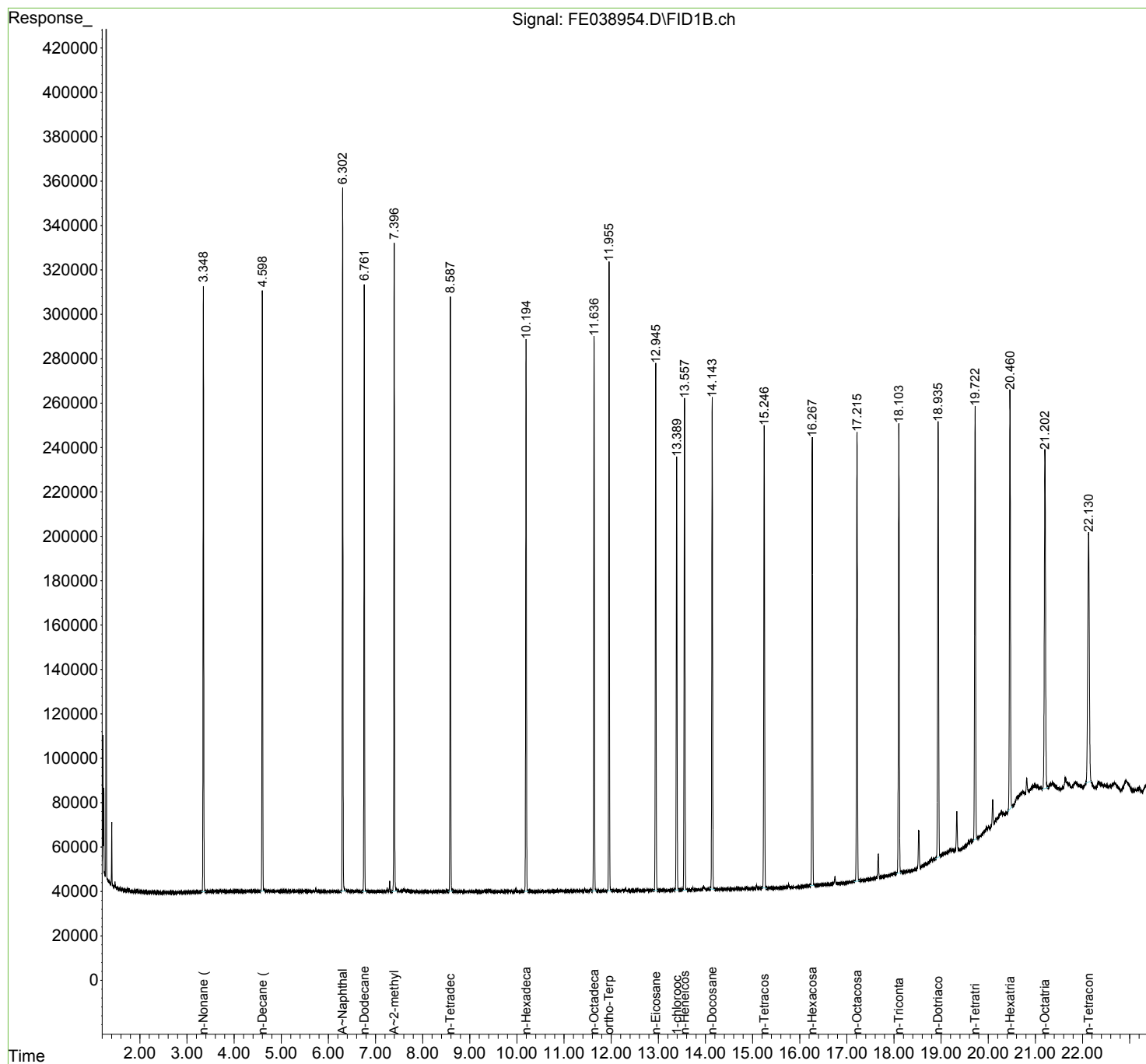
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

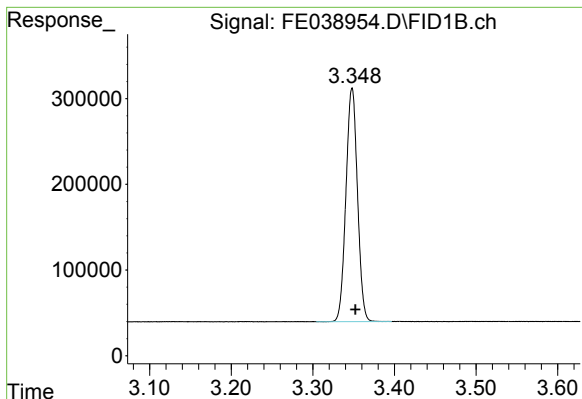
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
Quant Time: Nov 28 03:01:07 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
Quant Title : GC Extractables
QLast Update : Sat Nov 19 05:37:37 2022
Response via : Initial Calibration
Integrator: ChemStation

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





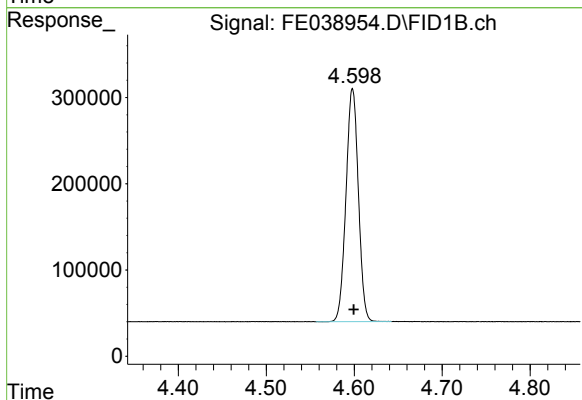
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2673465
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

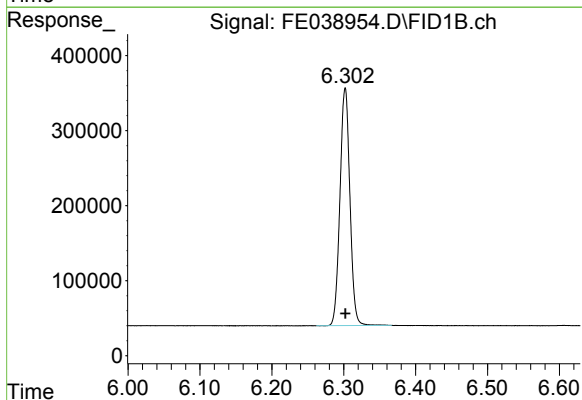
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



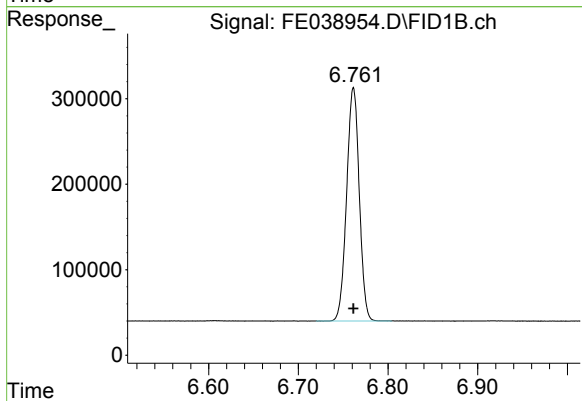
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 2640090
Conc: 18.94 ug/ml



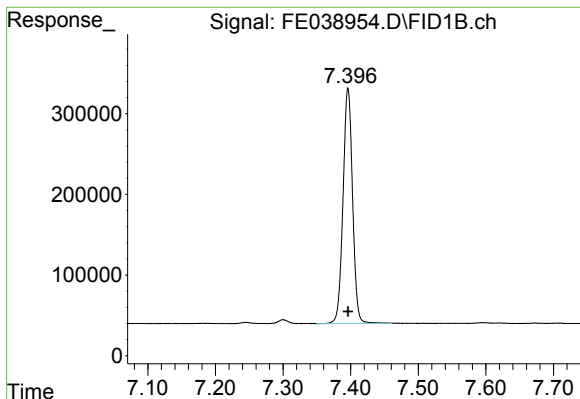
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 3042693
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 2672658
Conc: 18.96 ug/ml



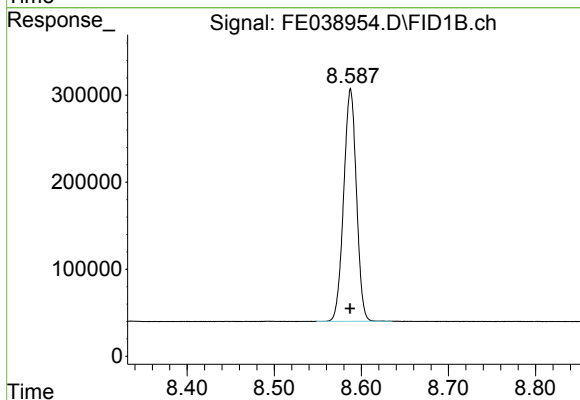
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 2857131
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

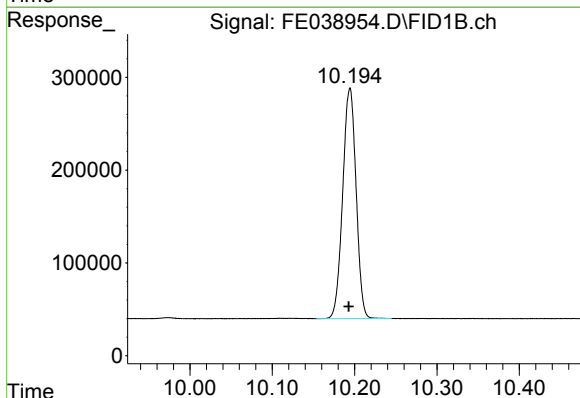
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



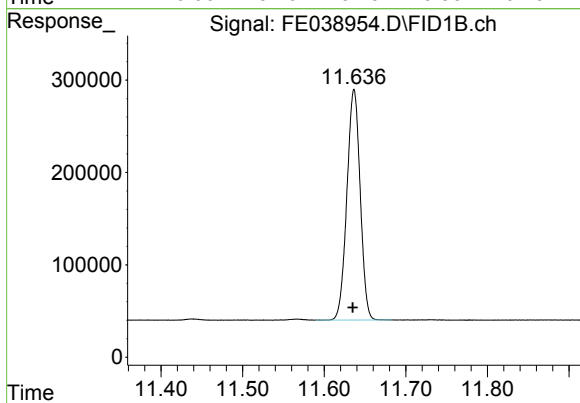
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 2720878
Conc: 19.05 ug/ml



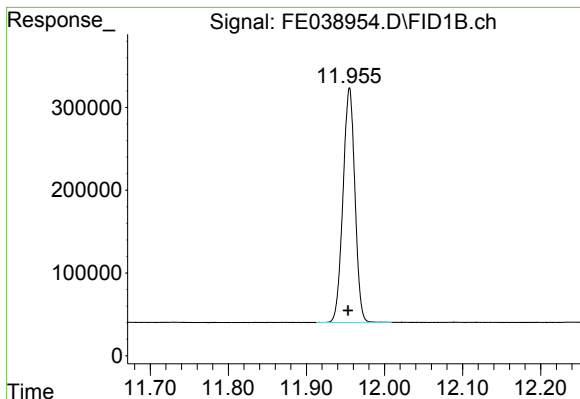
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: 0.001 min
Response: 2802376
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: 0.002 min
Response: 2822977
Conc: 19.18 ug/ml



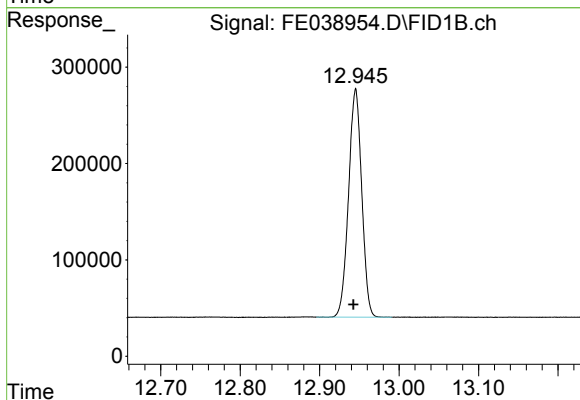
#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.002 min
Response: 3009282
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

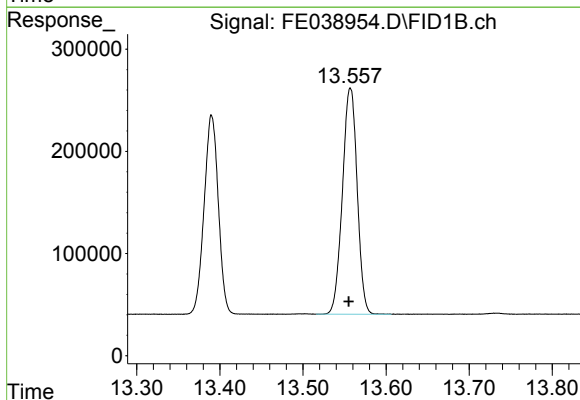
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



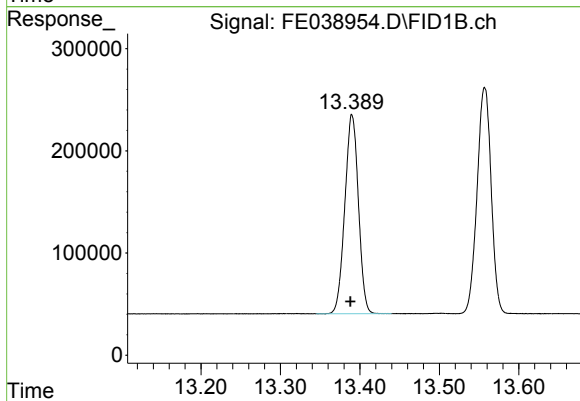
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 2727649
Conc: 19.21 ug/ml



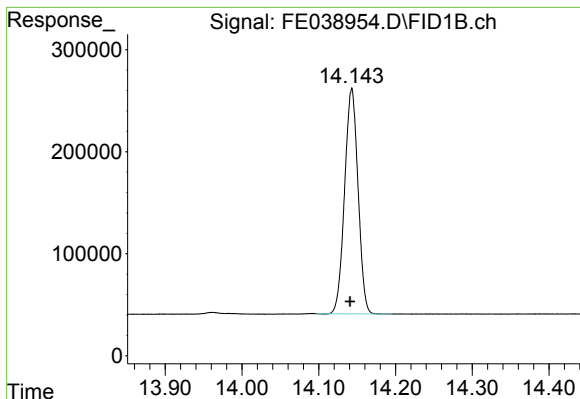
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.002 min
Response: 2730942
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: 0.002 min
Response: 2311408
Conc: 19.14 ug/ml



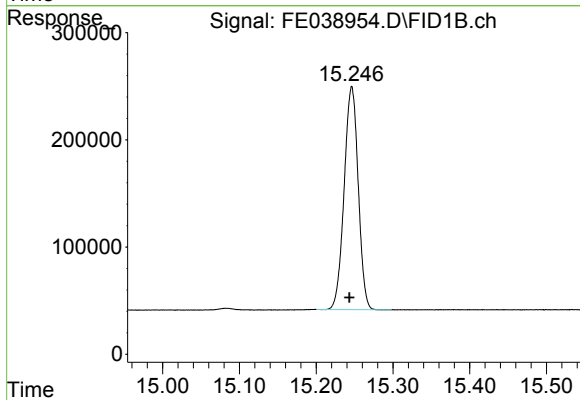
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.002 min
Response: 2683380
Conc: 19.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

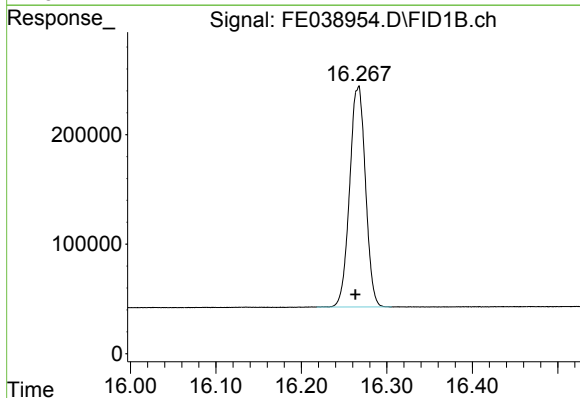
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



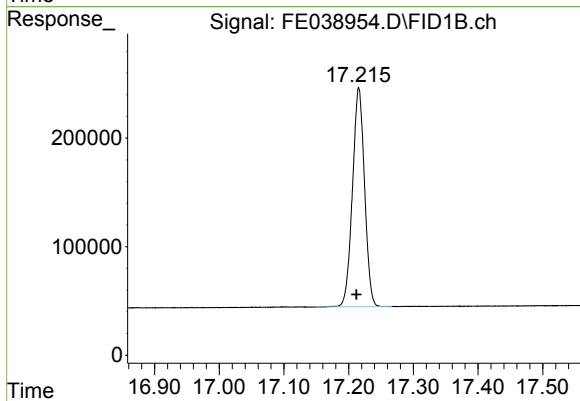
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.003 min
Response: 2649233
Conc: 19.18 ug/ml



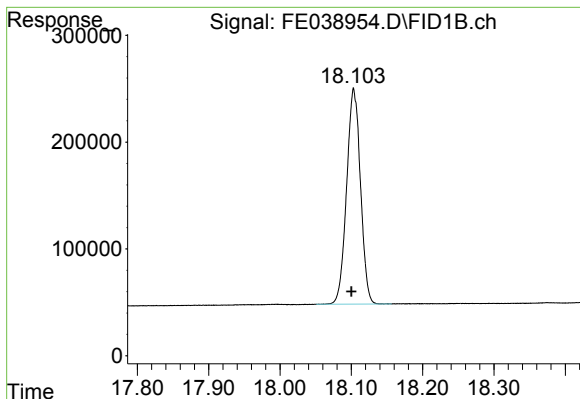
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: 0.003 min
Response: 2593810
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: 0.004 min
Response: 2622413
Conc: 19.75 ug/ml



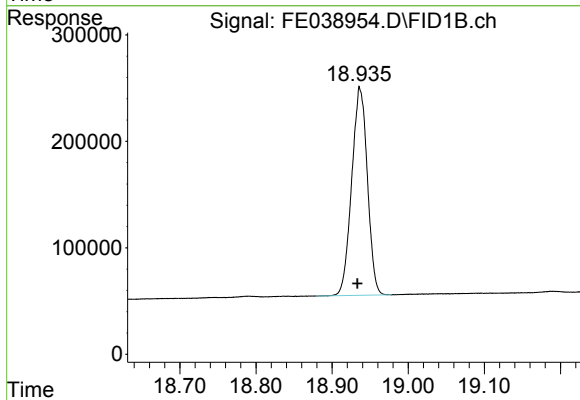
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.003 min
Response: 2722042
Conc: 20.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

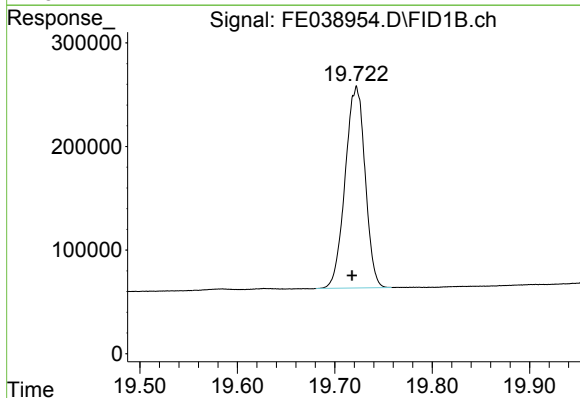
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



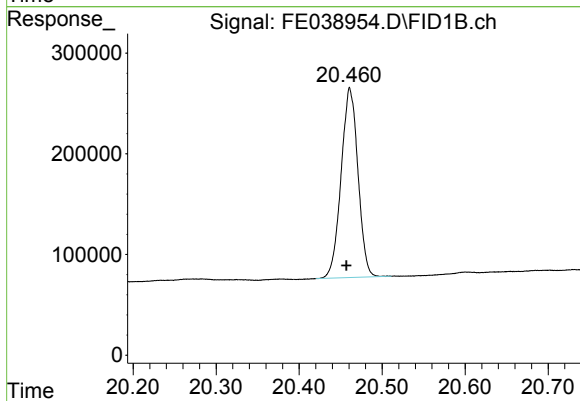
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 2796213
Conc: 20.97 ug/ml



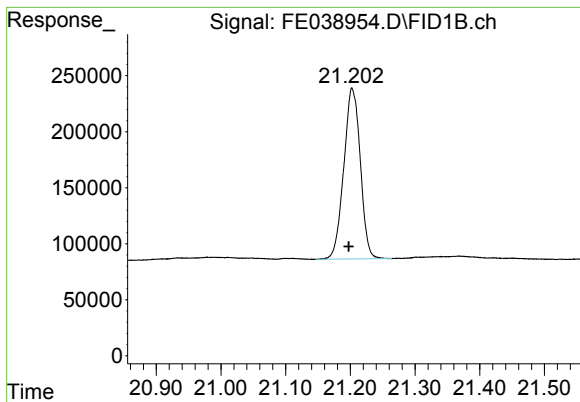
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.004 min
Response: 2763600
Conc: 20.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.461 min
Delta R.T.: 0.004 min
Response: 2654166
Conc: 20.66 ug/ml



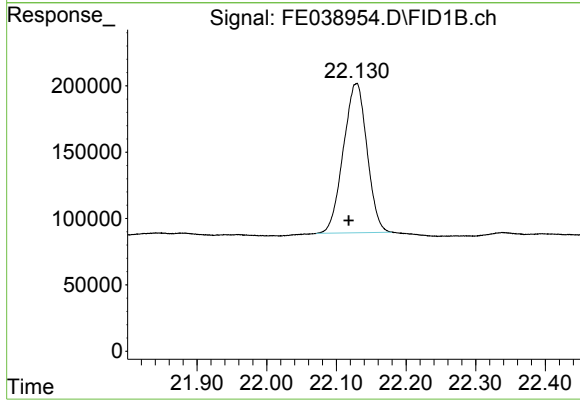
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.005 min
Response: 2707228
Conc: 20.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2022
Supervised By :Ankita Jodhani 11/28/2022



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.012 min
Response: 2650150
Conc: 19.46 ug/ml m