

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041021.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 02:44
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 25 06:31:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:22:45 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)	11.862	1041594	5.542 ug/ml
Spiked Amount 50.000		Recovery =	11.08%
12) S 1-chlorooctadecane (S...	13.303	785759	5.461 ug/ml
Spiked Amount 50.000		Recovery =	10.92%
Target Compounds			
1) T n-Nonane (C9)	3.262	937901	5.405 ug/ml
2) T n-Decane (C10)	4.509	907701	5.333 ug/ml
3) T A~Naphthalene (C11.7)	6.216	887412	4.852 ug/ml
4) T n-Dodecane (C12)	6.673	931890	5.372 ug/ml
5) T A~2-methylnaphthalene...	7.313	760006	4.589 ug/ml
6) T n-Tetradecane (C14)	8.500	942170	5.403 ug/ml
7) T n-Hexadecane (C16)	10.107	965668	5.430 ug/ml
8) T n-Octadecane (C18)	11.548	979200	5.484 ug/ml
10) T n-Eicosane (C20)	12.857	944486	5.537 ug/ml
11) T n-Heneicosane (C21)	13.469	941583	5.565 ug/ml
13) T n-Docosane (C22)	14.056	917938	5.547 ug/ml
14) T n-Tetracosane (C24)	15.160	906772	5.605 ug/ml
15) T n-Hexacosane (C26)	16.182	862612	5.565 ug/ml
16) T n-Octacosane (C28)	17.132	860606	5.618 ug/ml
17) T n-Tricontane (C30)	18.021	867720	5.677 ug/ml
18) T n-Dotriacontane (C32)	18.855	904961	5.796 ug/ml
19) T n-Tetratriacontane (C34)	19.640	887678	5.728 ug/ml
20) T n-Hexatriacontane (C36)	20.380	851778	5.596 ug/mlm
21) T n-Octatriacontane (C38)	21.110	911445	5.834 ug/ml
22) T n-Tetracontane (C40)	21.998	890448	5.579 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
Data File : FE041021.D
Signal(s) : FID1B.ch
Acq On : 25 Mar 2023 02:44
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 19 Sample Multiplier: 1

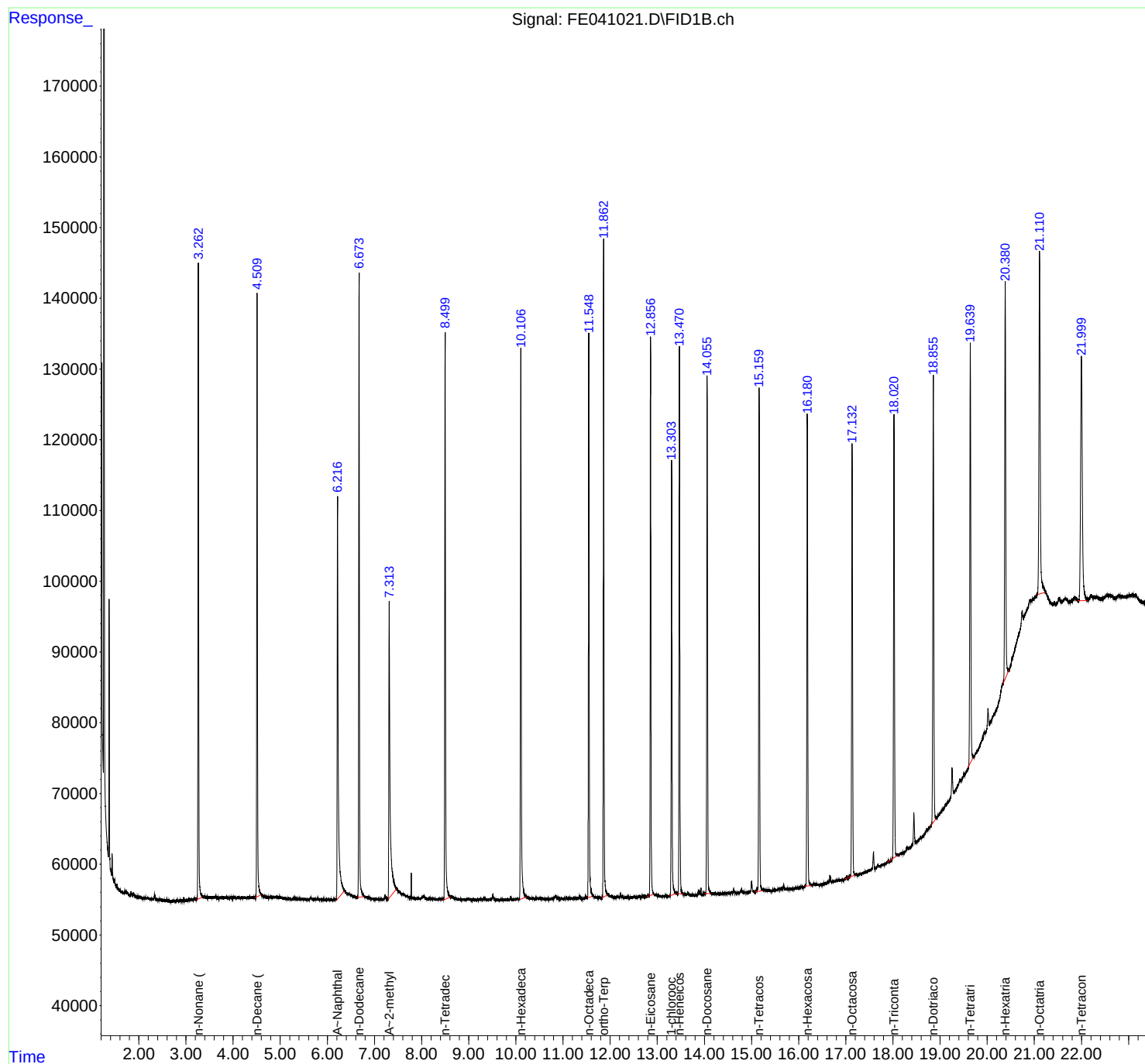
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

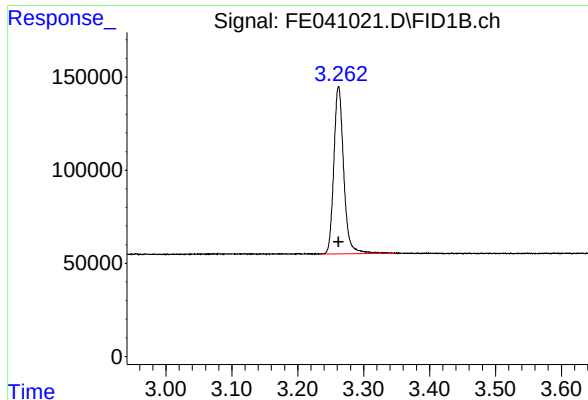
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
Quant Time: Mar 25 06:31:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:22:45 2023
Response via : Initial Calibration
Integrator: ChemStation

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





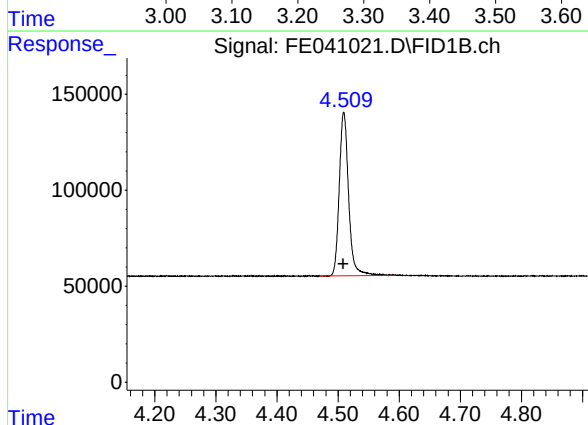
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 937901
Conc: 5.41 ug/ml

Instrument : FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

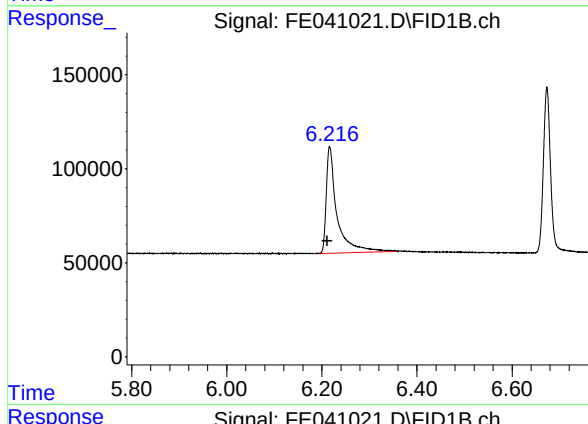
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



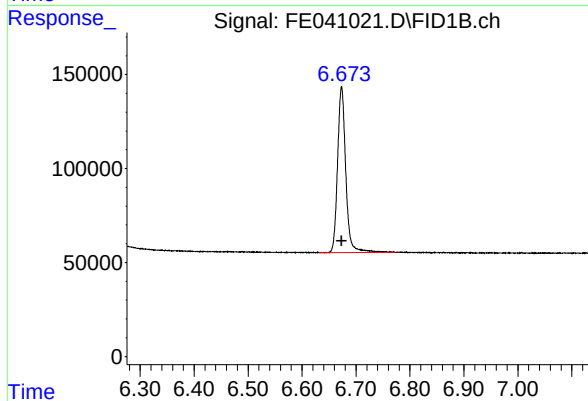
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 907701
Conc: 5.33 ug/ml



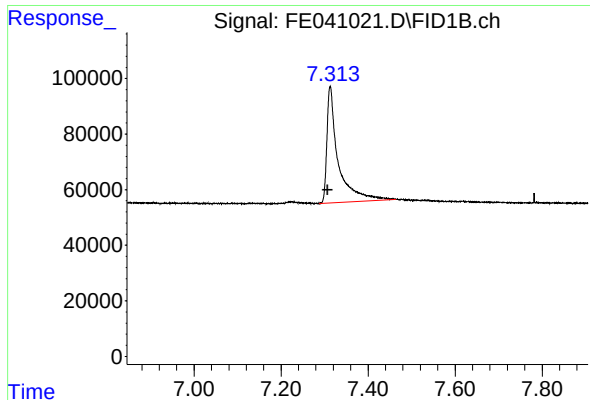
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.005 min
Response: 887412
Conc: 4.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 931890
Conc: 5.37 ug/ml



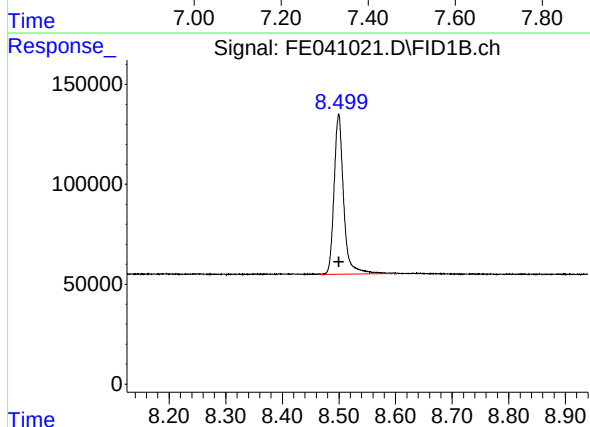
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.006 min
Response: 760006
Conc: 4.59 ug/ml

Instrument : FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

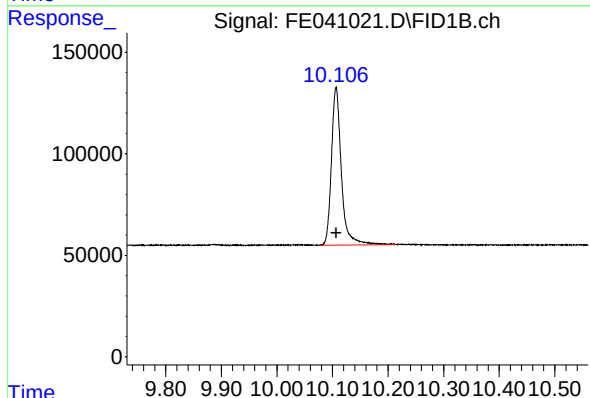
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



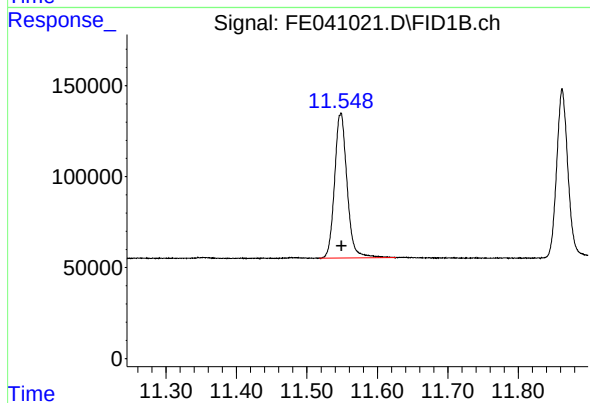
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 942170
Conc: 5.40 ug/ml



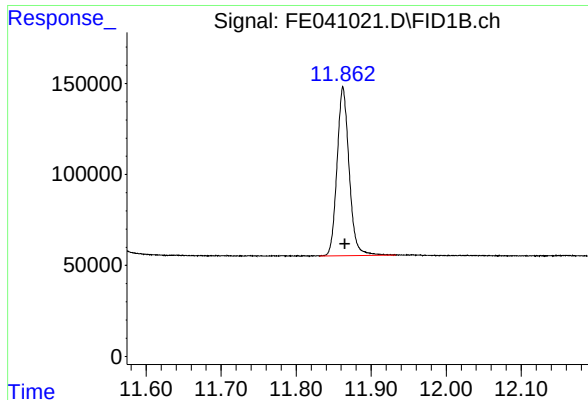
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: 0.000 min
Response: 965668
Conc: 5.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: -0.001 min
Response: 979200
Conc: 5.48 ug/ml



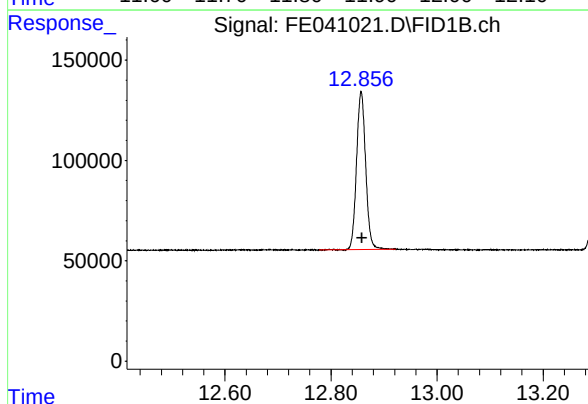
#9 ortho-Terphenyl (SURR)

R.T.: 11.862 min
Delta R.T.: -0.003 min
Response: 1041594
Conc: 5.54 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

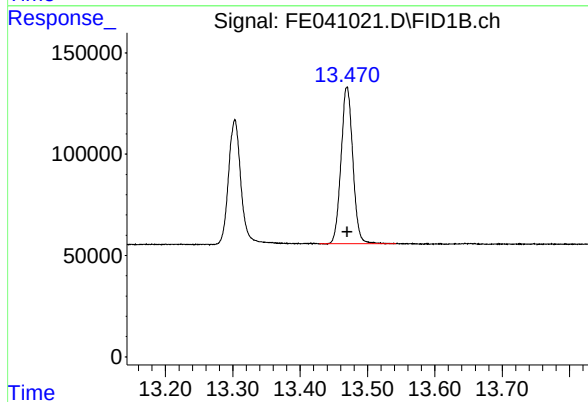
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



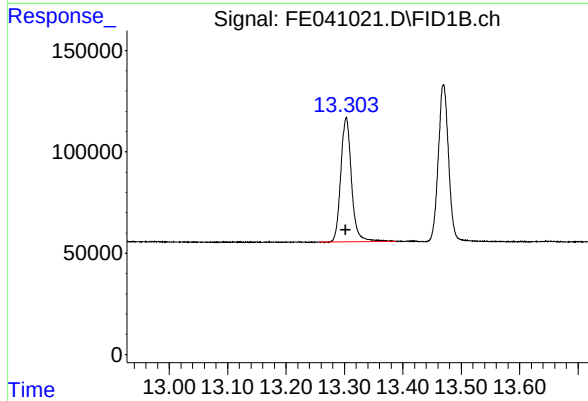
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: -0.001 min
Response: 944486
Conc: 5.54 ug/ml



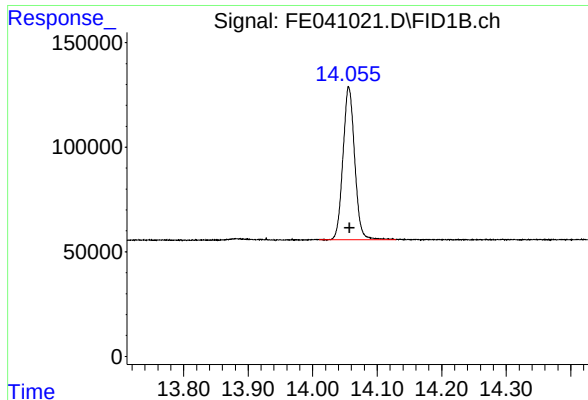
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: 0.000 min
Response: 941583
Conc: 5.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: 0.001 min
Response: 785759
Conc: 5.46 ug/ml



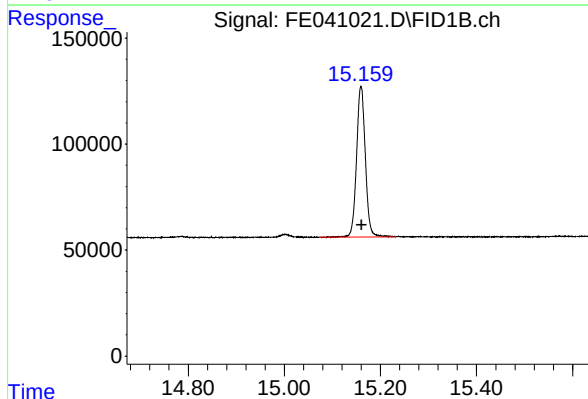
#13 n-Docosane (C22)

R.T.: 14.056 min
Delta R.T.: -0.001 min
Response: 917938
Conc: 5.55 ug/ml

Instrument : FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

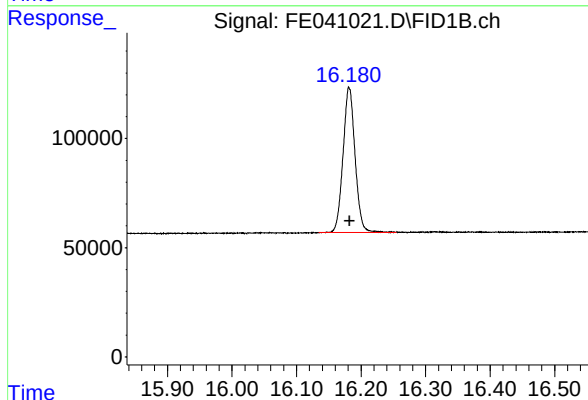
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



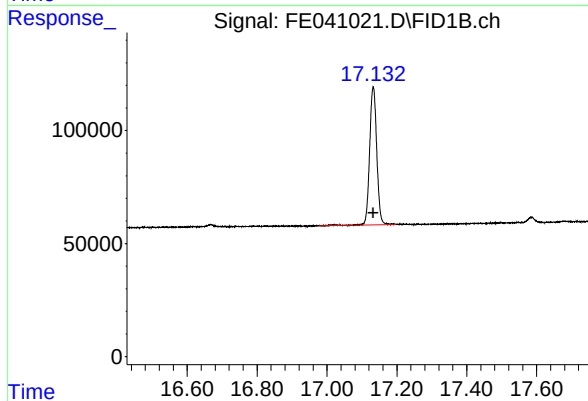
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.001 min
Response: 906772
Conc: 5.60 ug/ml



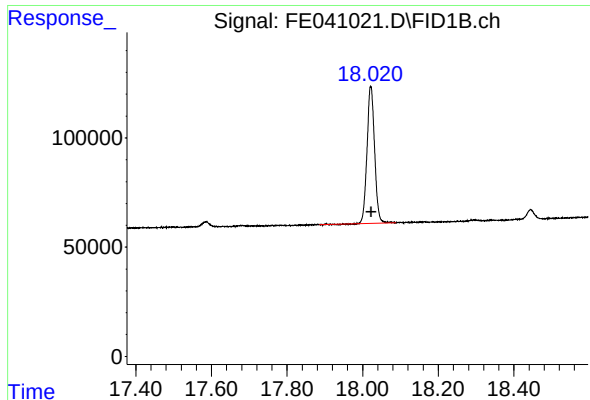
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: 0.000 min
Response: 862612
Conc: 5.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 860606
Conc: 5.62 ug/ml



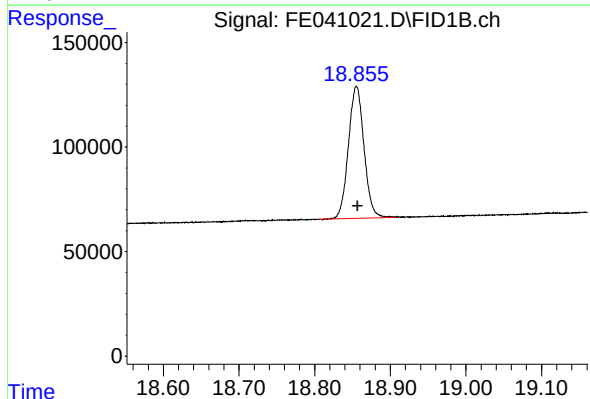
#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 867720
Conc: 5.68 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

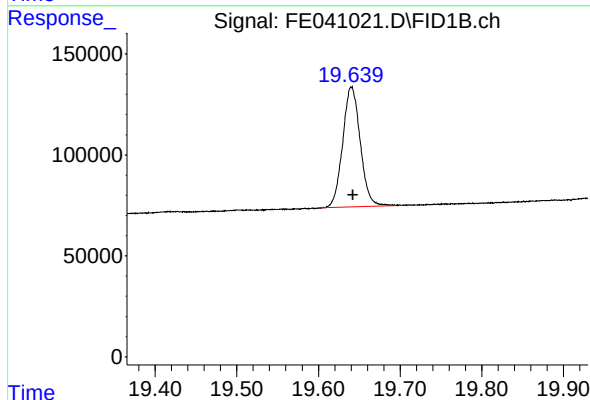
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



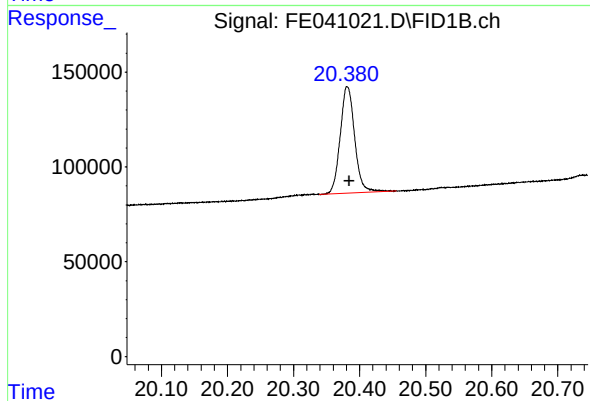
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.001 min
Response: 904961
Conc: 5.80 ug/ml



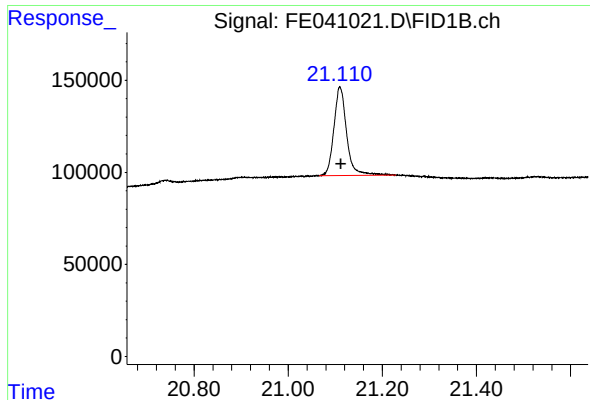
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.002 min
Response: 887678
Conc: 5.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.004 min
Response: 851778
Conc: 5.60 ug/ml m



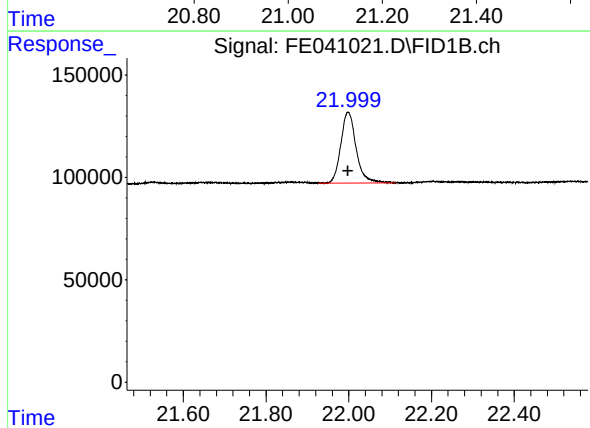
#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 911445
Conc: 5.83 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.000 min
Response: 890448
Conc: 5.58 ug/ml