

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
 Data File : FE041589.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2023 23:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/01/2023
 Supervised By :Ankita Jodhani 05/01/2023

Integration File: autoint1.e
 Quant Time: Apr 28 04:25:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.985	3297544	17.577 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
12) S 1-chlorooctadecane (S...	13.422	2569967	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T n-Nonane (C9)	3.360	2844560	19.351 ug/ml
2) T n-Decane (C10)	4.613	2918277	19.458 ug/ml
3) T A~Naphthalene (C11.7)	6.321	3367543	20.349 ug/ml
4) T n-Dodecane (C12)	6.782	2976064	19.574 ug/ml
5) T A~2-methylnaphthalene...	7.418	3207841	19.894 ug/ml
6) T n-Tetradecane (C14)	8.611	3008682	19.806 ug/ml
7) T n-Hexadecane (C16)	10.221	3099346	19.421 ug/ml
8) T n-Octadecane (C18)	11.666	3130778	19.100 ug/ml
10) T n-Eicosane (C20)	12.976	3021945	18.788 ug/ml
11) T n-Heneicosane (C21)	13.589	2990467	18.764 ug/ml
13) T n-Docosane (C22)	14.175	2991891	18.778 ug/ml
14) T n-Tetracosane (C24)	15.279	3022182	18.746 ug/ml
15) T n-Hexacosane (C26)	16.300	2992597	18.929 ug/ml
16) T n-Octacosane (C28)	17.251	3043428	19.779 ug/ml
17) T n-Tricontane (C30)	18.139	3240201	21.275 ug/ml
18) T n-Dotriacontane (C32)	18.973	3356623	22.531 ug/ml
19) T n-Tetratriacontane (C34)	19.757	3100624	22.010 ug/mlm
20) T n-Hexatriacontane (C36)	20.495	2828797	21.153 ug/mlm
21) T n-Octatriacontane (C38)	21.251	2914926	22.060 ug/mlm
22) T n-Tetracontane (C40)	22.197	2866029	22.636 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042723AL\
Data File : FE041589.D
Signal(s) : FID1B.ch
Acq On : 27 Apr 2023 23:44
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

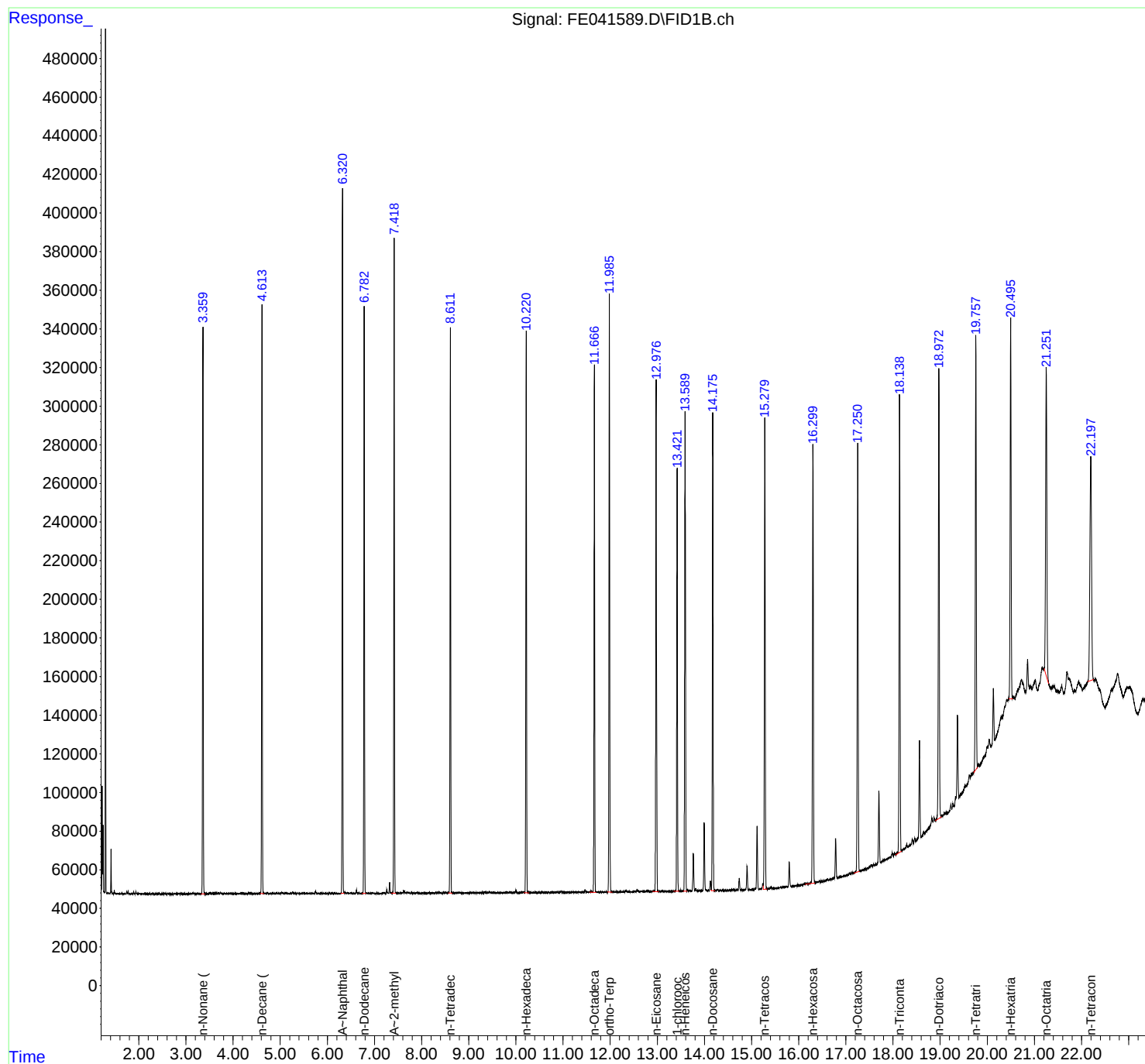
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

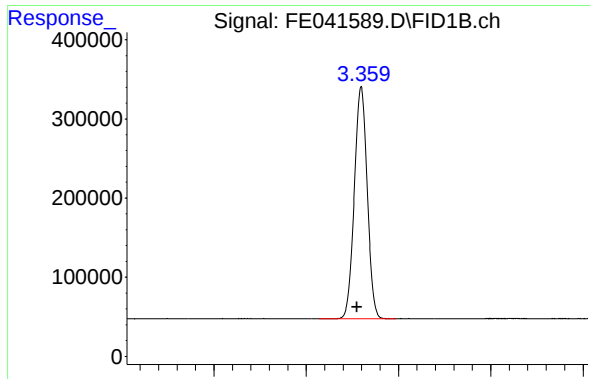
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023

Integration File: autoint1.e
Quant Time: Apr 28 04:25:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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





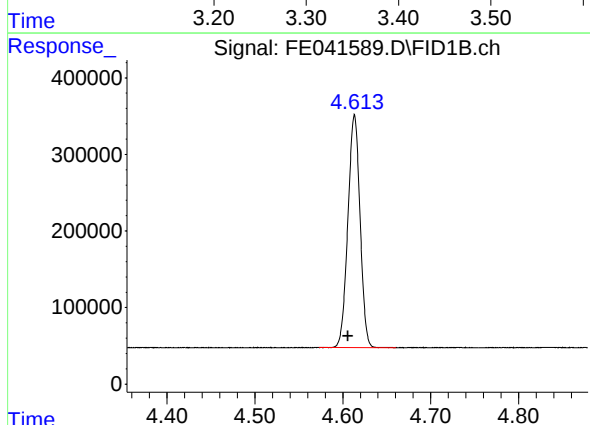
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: 0.005 min
Response: 2844560
Conc: 19.35 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

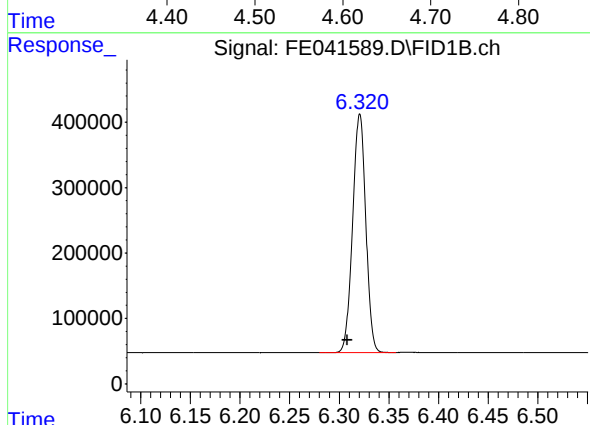
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



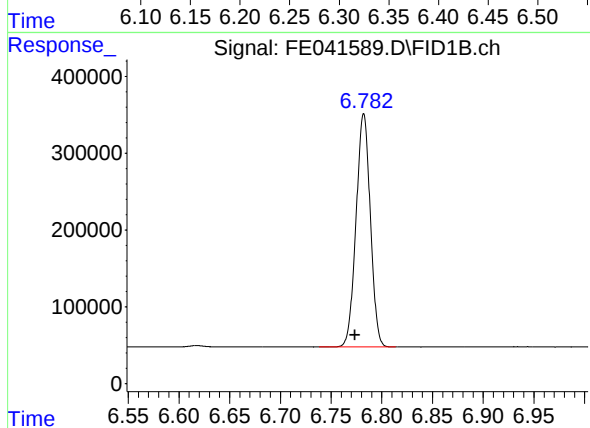
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: 0.008 min
Response: 2918277
Conc: 19.46 ug/ml



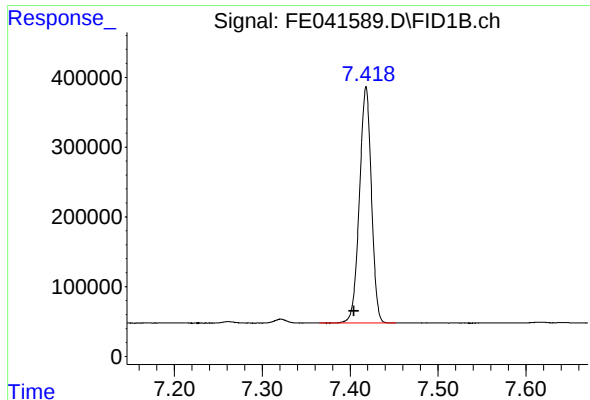
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: 0.013 min
Response: 3367543
Conc: 20.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.009 min
Response: 2976064
Conc: 19.57 ug/ml



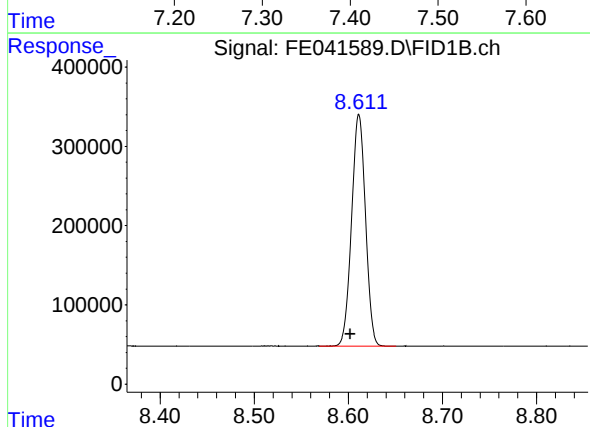
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.418 min
Delta R.T.: 0.014 min
Response: 3207841
Conc: 19.89 ug/ml

Instrument : FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

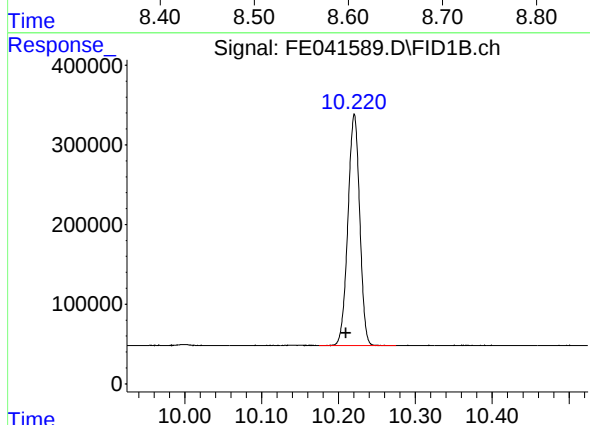
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



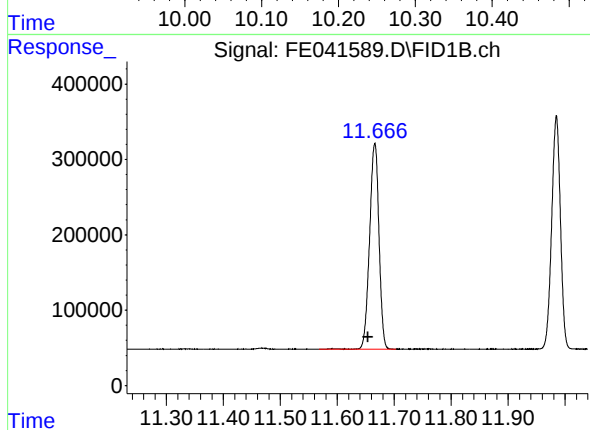
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.009 min
Response: 3008682
Conc: 19.81 ug/ml



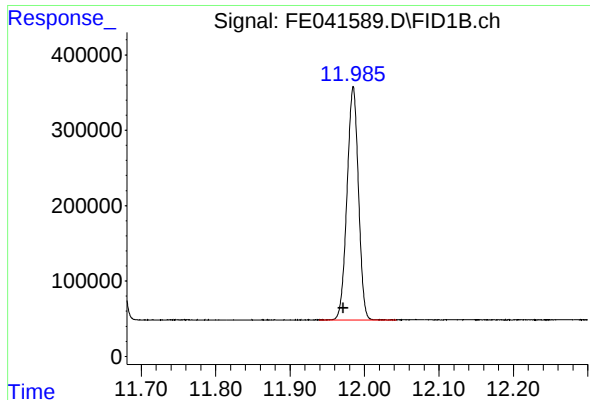
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: 0.011 min
Response: 3099346
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.666 min
Delta R.T.: 0.012 min
Response: 3130778
Conc: 19.10 ug/ml



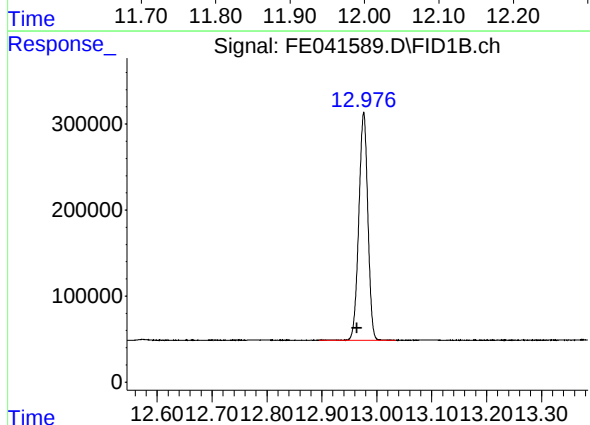
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.013 min
Response: 3297544
Conc: 17.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

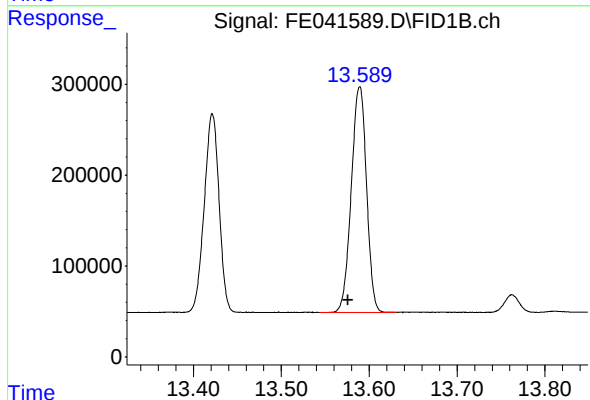
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



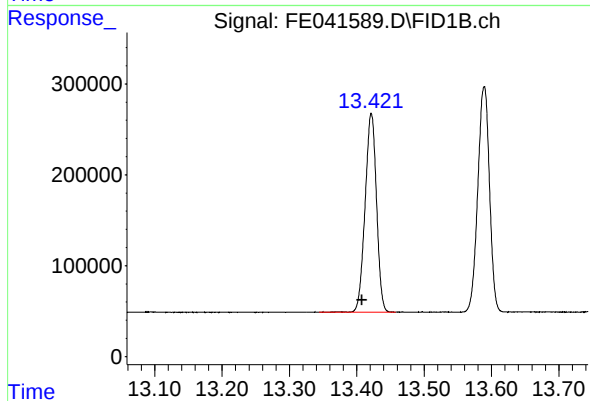
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.013 min
Response: 3021945
Conc: 18.79 ug/ml



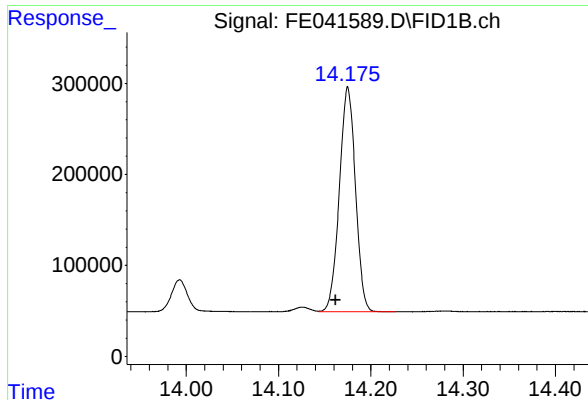
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.013 min
Response: 2990467
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.014 min
Response: 2569967
Conc: 18.19 ug/ml



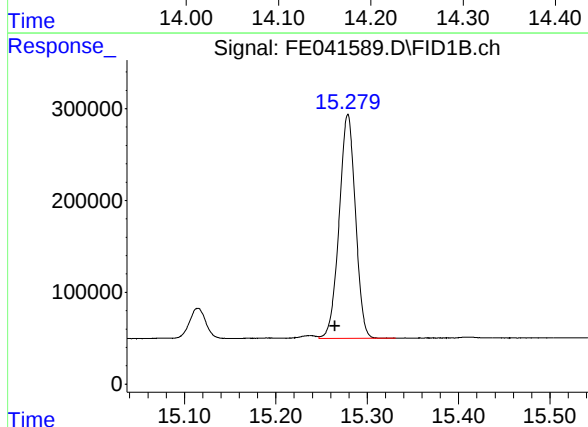
#13 n-Docosane (C22)

R.T.: 14.175 min
Delta R.T.: 0.013 min
Response: 2991891
Conc: 18.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

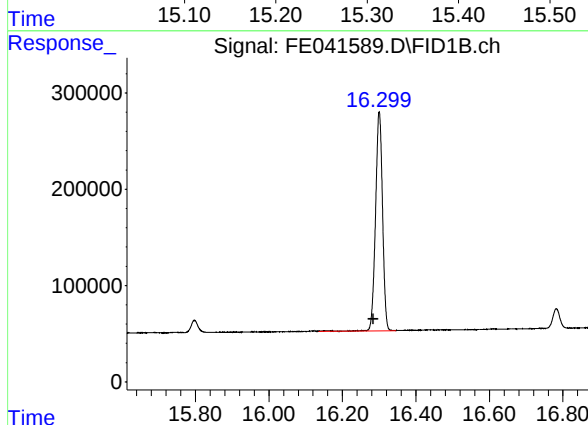
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



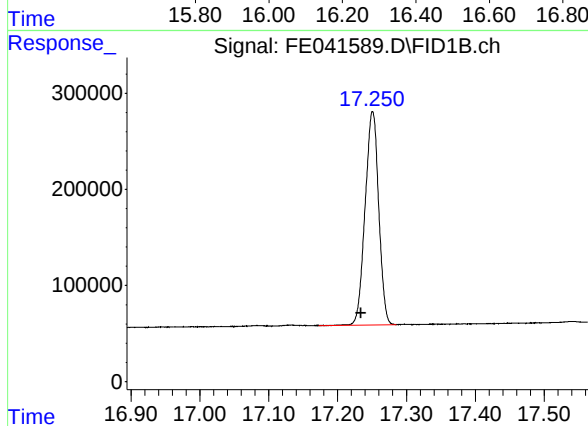
#14 n-Tetracosane (C24)

R.T.: 15.279 min
Delta R.T.: 0.014 min
Response: 3022182
Conc: 18.75 ug/ml



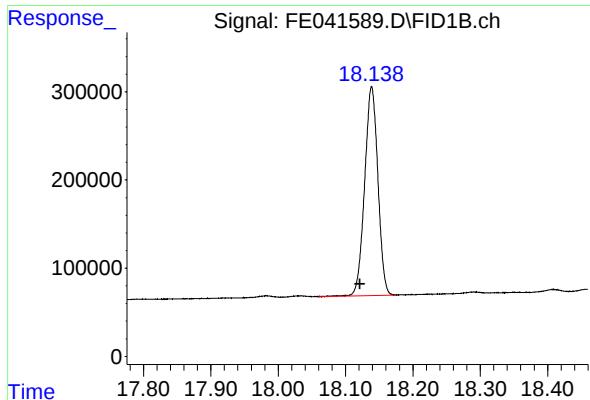
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.015 min
Response: 2992597
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.017 min
Response: 3043428
Conc: 19.78 ug/ml



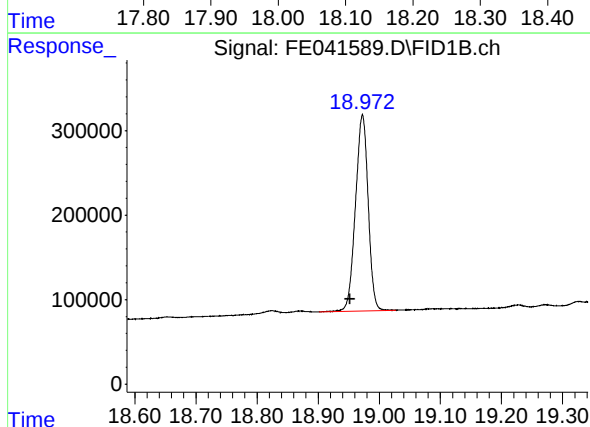
#17 n-Tricontane (C30)

R.T.: 18.139 min
Delta R.T.: 0.017 min
Response: 3240201
Conc: 21.27 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

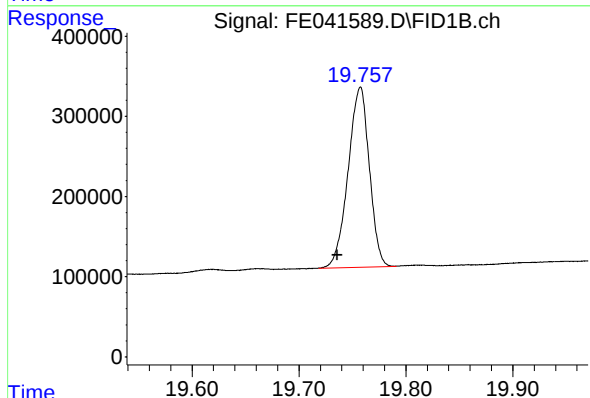
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



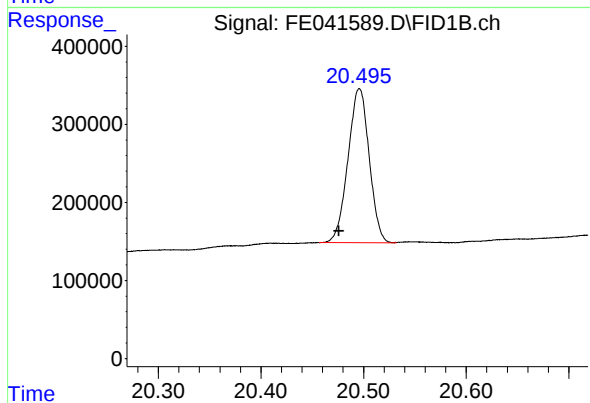
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: 0.020 min
Response: 3356623
Conc: 22.53 ug/ml



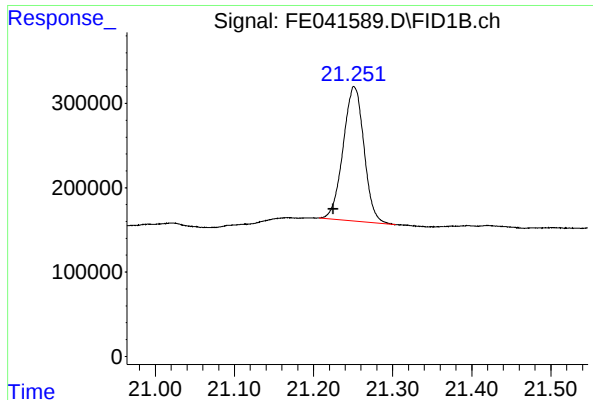
#19 n-Tetatriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.021 min
Response: 3100624
Conc: 22.01 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: 0.019 min
Response: 2828797
Conc: 21.15 ug/ml m



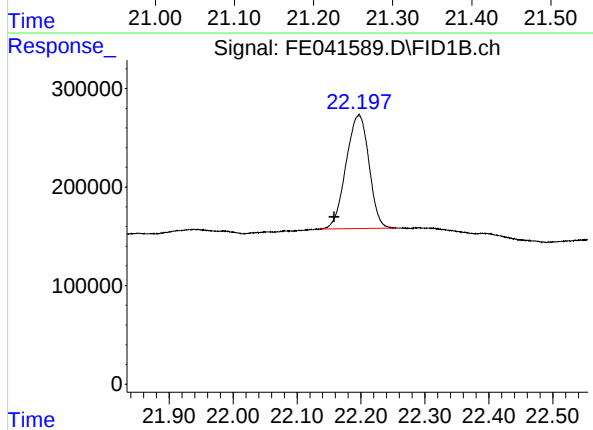
#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.026 min
Response: 2914926
Conc: 22.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/01/2023
Supervised By :Ankita Jodhani 05/01/2023



#22 n-Tetracontane (C40)

R.T.: 22.197 min
Delta R.T.: 0.038 min
Response: 2866029
Conc: 22.64 ug/ml m