

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042910.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2023 08:49
 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 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 26 13:02:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.919	3540814	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.357	2626165	19.297 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.296	3028925	19.608 ug/ml
2) T n-Decane (C10)	4.548	3095698	19.598 ug/ml
3) T A~Naphthalene (C11.7)	6.258	3330871	19.672 ug/ml
4) T n-Dodecane (C12)	6.718	3133245	19.575 ug/ml
5) T A~2-methylnaphthalene...	7.356	3191847	19.686 ug/ml
6) T n-Tetradecane (C14)	8.548	3112957	19.560 ug/ml
7) T n-Hexadecane (C16)	10.156	3221042	19.557 ug/ml
8) T n-Octadecane (C18)	11.600	3236695	19.473 ug/ml
10) T n-Eicosane (C20)	12.910	3074752	19.377 ug/ml
11) T n-Heneicosane (C21)	13.522	2993319	19.347 ug/ml
13) T n-Docosane (C22)	14.108	2945582	19.337 ug/ml
14) T n-Tetracosane (C24)	15.212	2863030	19.296 ug/ml
15) T n-Hexacosane (C26)	16.234	2761506	19.316 ug/ml
16) T n-Octacosane (C28)	17.184	2684593	19.356 ug/ml
17) T n-Tricontane (C30)	18.071	2765988	19.557 ug/ml
18) T n-Dotriacontane (C32)	18.905	2767727	19.733 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2719176	19.870 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2664803	19.926 ug/mlm
21) T n-Octatriacontane (C38)	21.173	2712489	19.895 ug/ml
22) T n-Tetracontane (C40)	22.091	2980893	21.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
Data File : FE042910.D
Signal(s) : FID1B.ch
Acq On : 26 Jun 2023 08:49
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

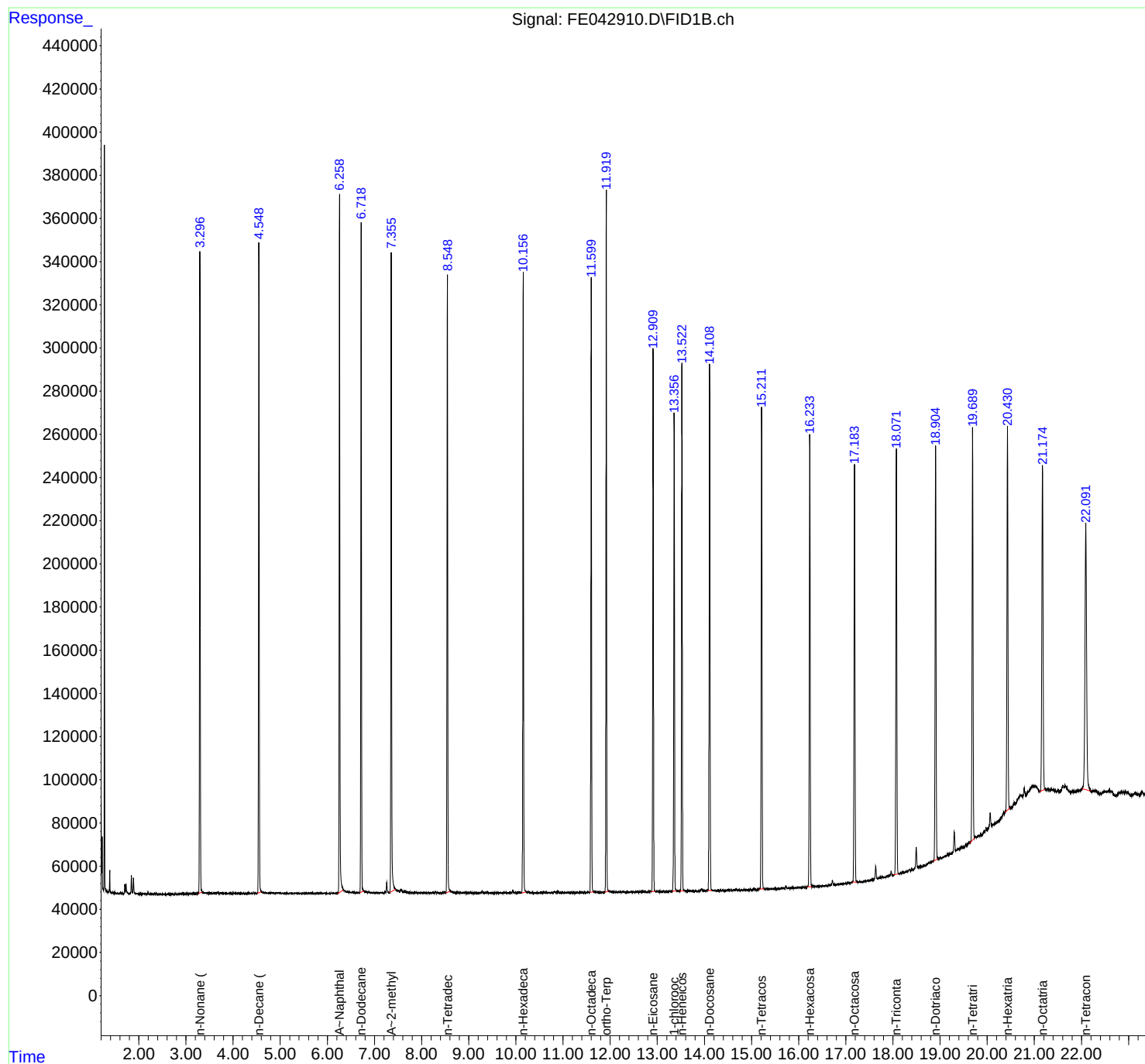
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

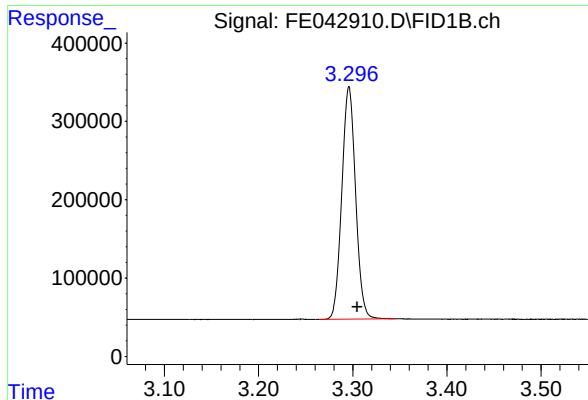
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
Quant Time: Jun 26 13:02:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial Calibration
Integrator: ChemStation

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





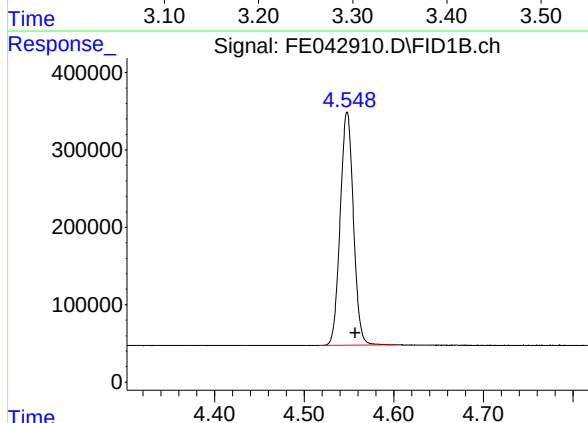
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.009 min
Response: 3028925
Conc: 19.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

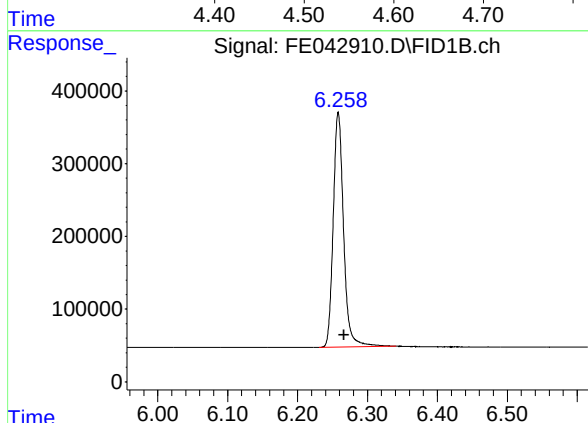
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



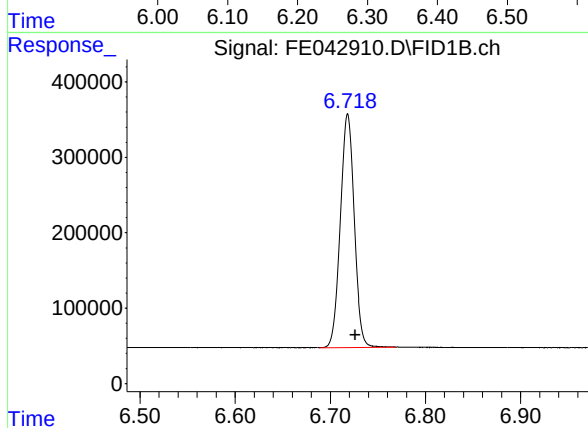
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.009 min
Response: 3095698
Conc: 19.60 ug/ml



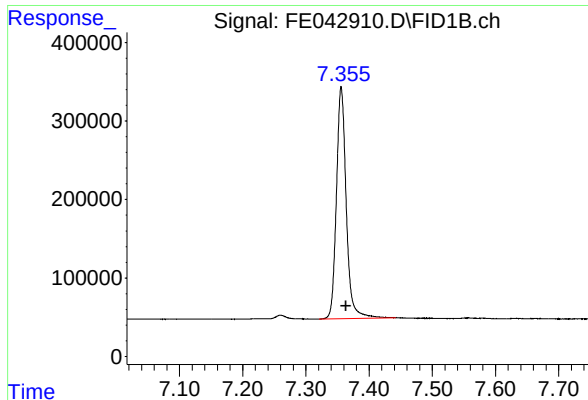
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: -0.008 min
Response: 3330871
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 3133245
Conc: 19.57 ug/ml



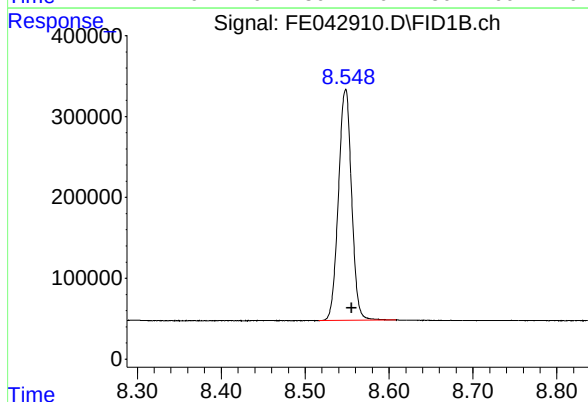
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.007 min
Response: 3191847
Conc: 19.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

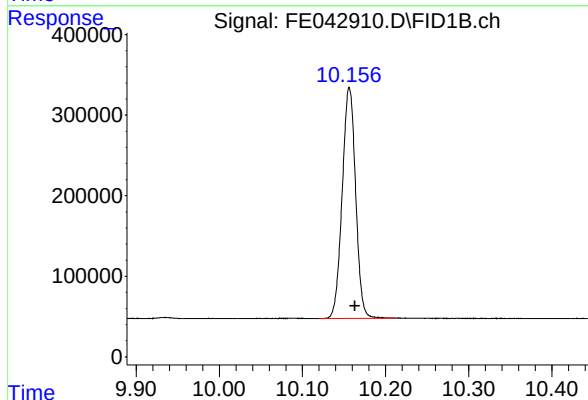
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



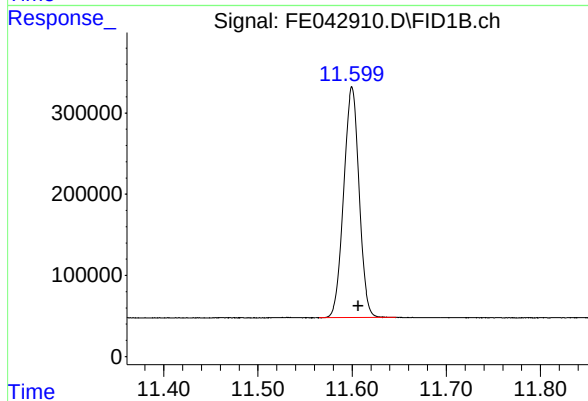
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.007 min
Response: 3112957
Conc: 19.56 ug/ml



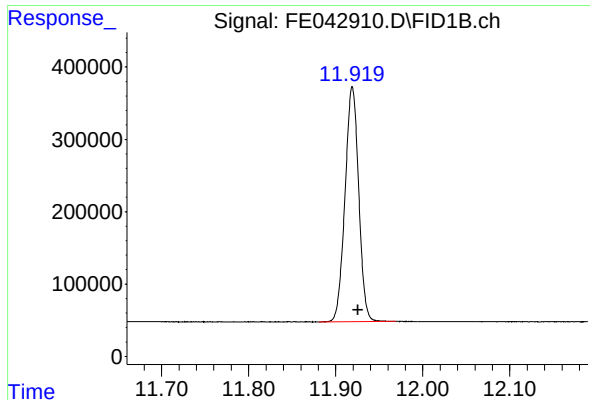
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.007 min
Response: 3221042
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.007 min
Response: 3236695
Conc: 19.47 ug/ml



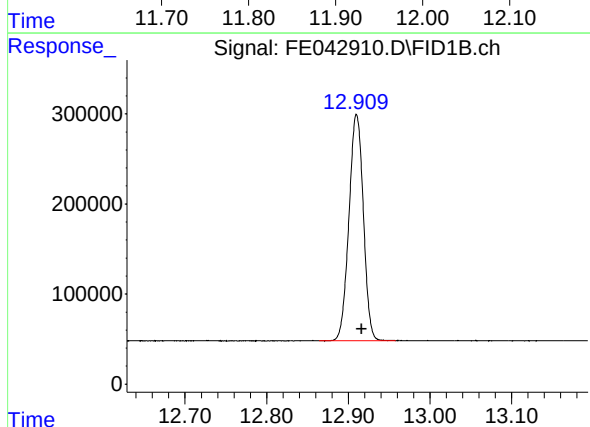
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 3540814
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

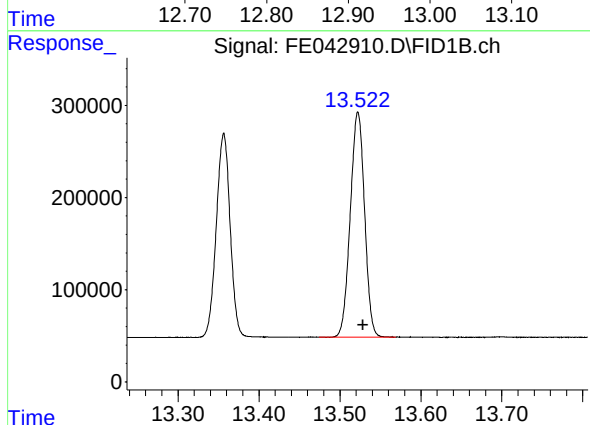
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



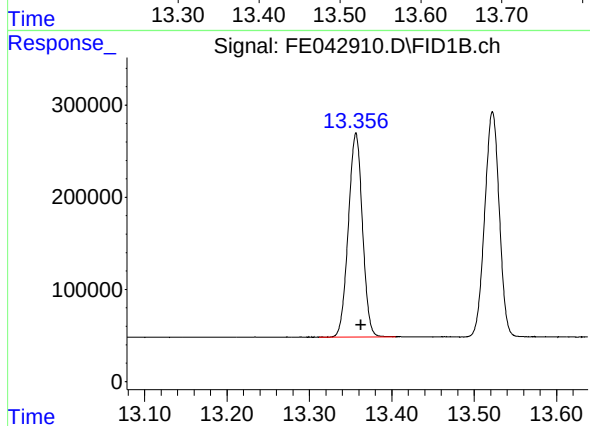
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.006 min
Response: 3074752
Conc: 19.38 ug/ml



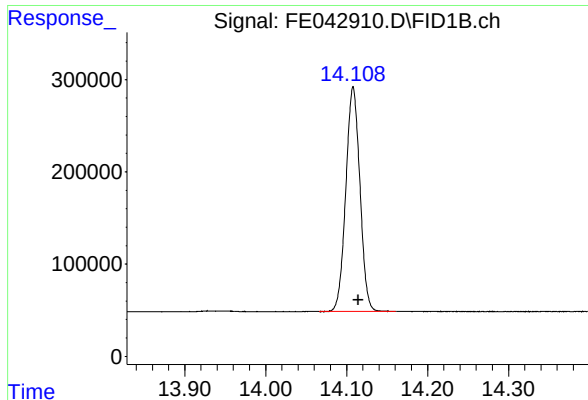
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.006 min
Response: 2993319
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.006 min
Response: 2626165
Conc: 19.30 ug/ml



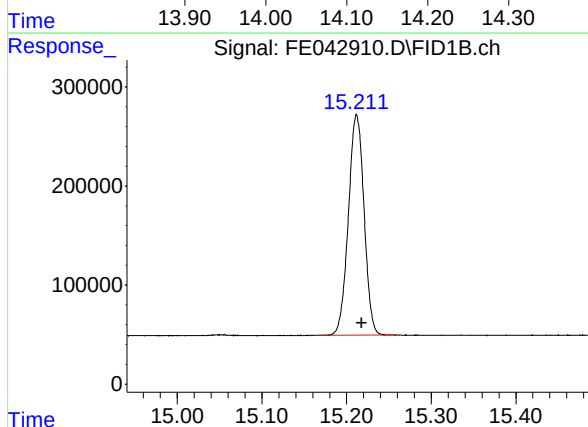
#13 n-Docosane (C22)

R.T.: 14.108 min
Delta R.T.: -0.007 min
Response: 2945582
Conc: 19.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

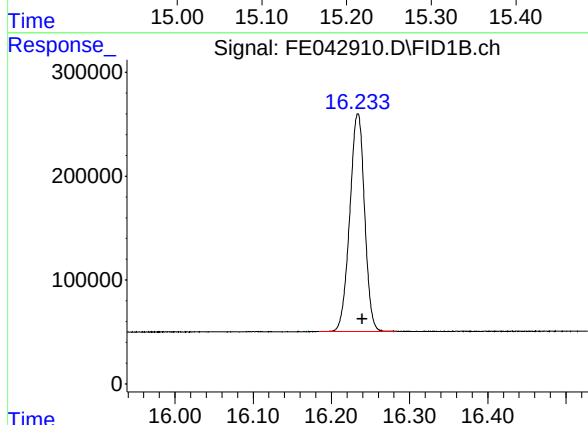
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



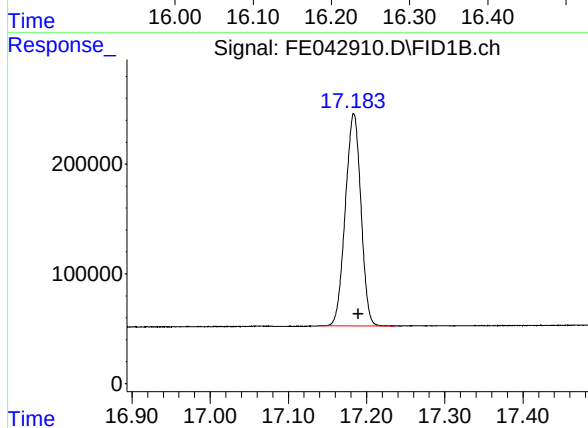
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.006 min
Response: 2863030
Conc: 19.30 ug/ml



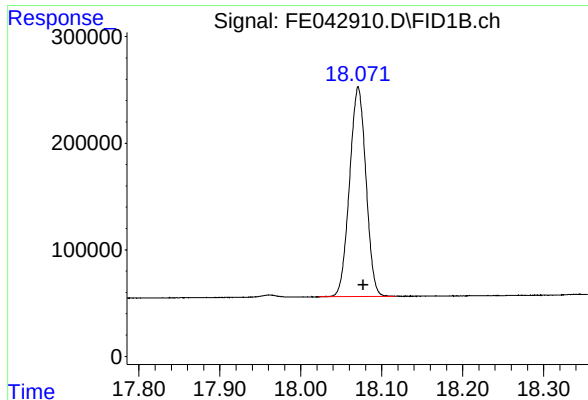
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.006 min
Response: 2761506
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.006 min
Response: 2684593
Conc: 19.36 ug/ml



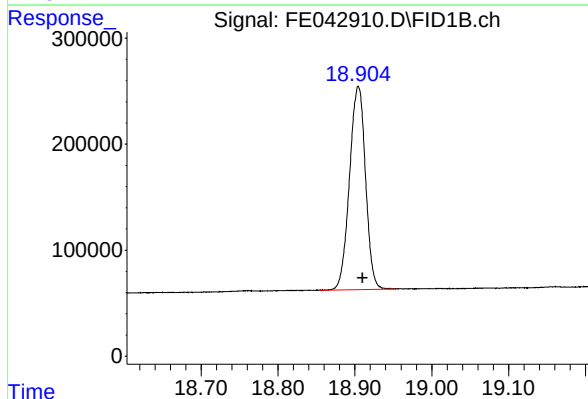
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.006 min
Response: 2765988
Conc: 19.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

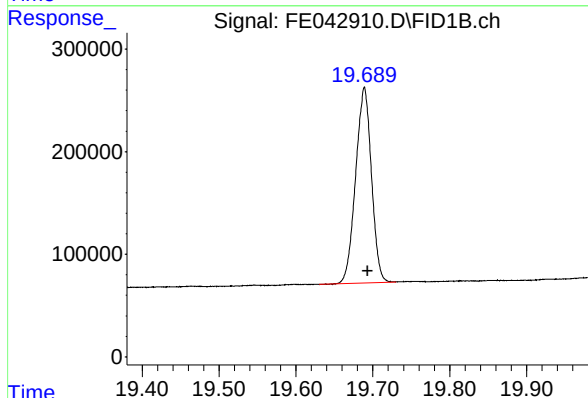
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



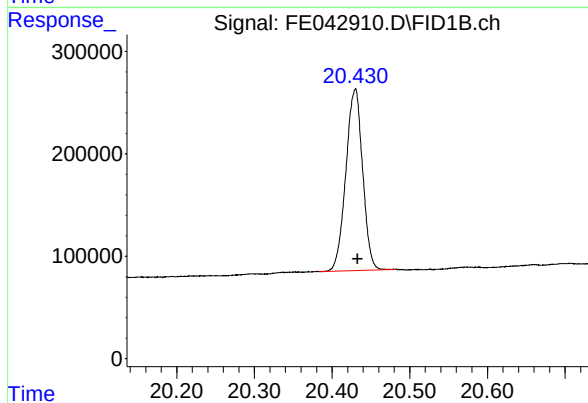
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.005 min
Response: 2767727
Conc: 19.73 ug/ml



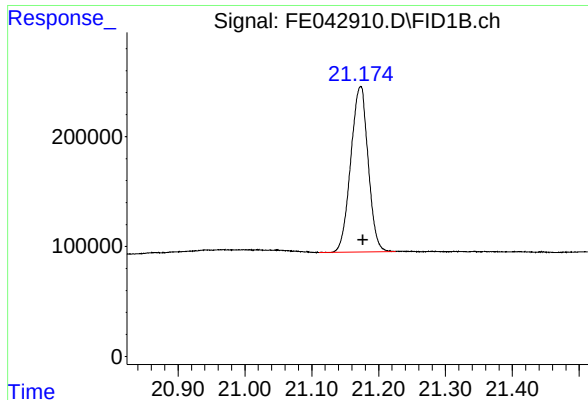
#19 n-Tetatriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.004 min
Response: 2719176
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.003 min
Response: 2664803
Conc: 19.93 ug/ml m



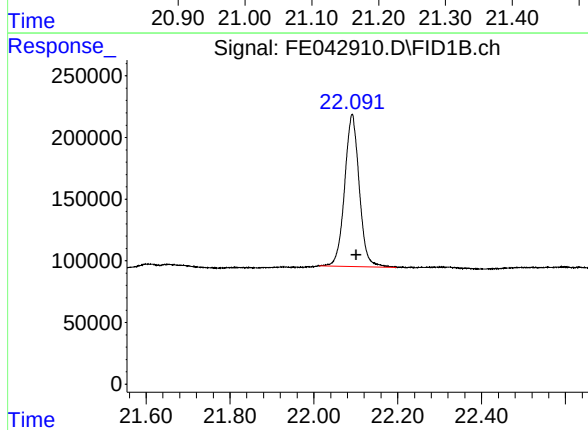
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.003 min
Response: 2712489
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.010 min
Response: 2980893
Conc: 21.43 ug/ml