

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036809.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2022 04:56
 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 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 05:28:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.835	3309764	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.275	2606955	17.135 ug/ml
Spiked Amount 50.000		Recovery =	34.27%
Target Compounds			
1) T n-Nonane (C9)	3.227	2932451	19.022 ug/ml
2) T n-Decane (C10)	4.481	2942008	19.086 ug/ml
3) T A~Naphthalene (C11.7)	6.181	3230110	18.902 ug/ml
4) T n-Dodecane (C12)	6.649	3001654	19.112 ug/ml
5) T A~2-methylnaphthalene...	7.277	3209377	18.673 ug/ml
6) T n-Tetradecane (C14)	8.475	3028254	18.549 ug/ml
7) T n-Hexadecane (C16)	10.081	3018352	18.312 ug/ml
8) T n-Octadecane (C18)	11.523	3035770	17.863 ug/ml
10) T n-Eicosane (C20)	12.831	2970443	17.463 ug/ml
11) T n-Heneicosane (C21)	13.443	2948452	17.227 ug/ml
13) T n-Docosane (C22)	14.030	2919644	17.100 ug/ml
14) T n-Tetracosane (C24)	15.132	2890042	16.954 ug/ml
15) T n-Hexacosane (C26)	16.155	2729066	16.323 ug/ml
16) T n-Octacosane (C28)	17.102	2644283	16.190 ug/ml
17) T n-Tricontane (C30)	17.990	2485520	16.356 ug/ml
18) T n-Dotriacontane (C32)	18.825	2018675	16.785 ug/ml
19) T n-Tetratriacontane (C34)	19.606	1458089	17.509 ug/ml
20) T n-Hexatriacontane (C36)	20.349	1100653	18.745 ug/ml
21) T n-Octatriacontane (C38)	21.070	1013090	20.206 ug/mlm
22) T n-Tetracontane (C40)	21.952	1049699	20.326 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
Data File : FE036809.D
Signal(s) : FID1B.ch
Acq On : 02 Aug 2022 04:56
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

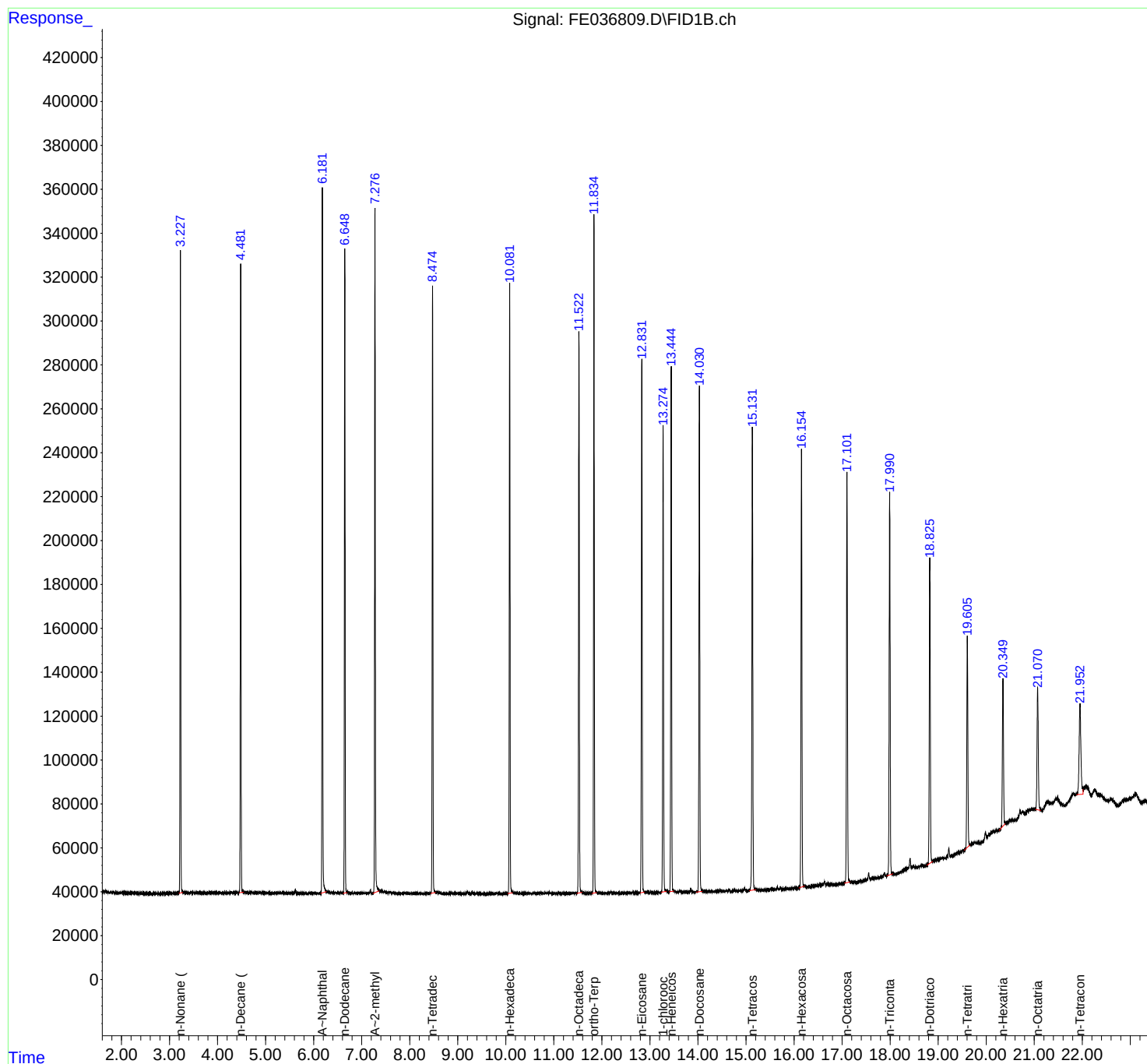
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

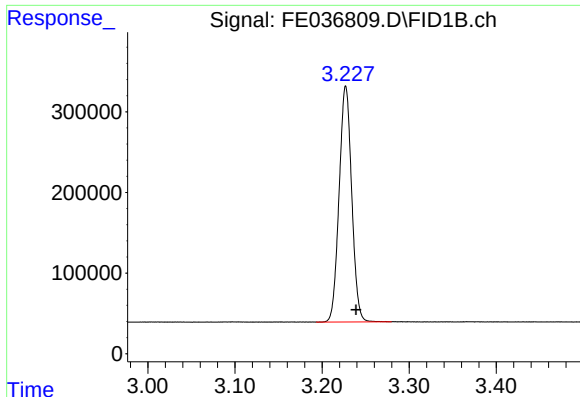
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
Quant Time: Aug 02 05:28:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
Quant Title : GC Extractables
QLast Update : Mon Jul 18 02:35:21 2022
Response via : Initial Calibration
Integrator: ChemStation

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





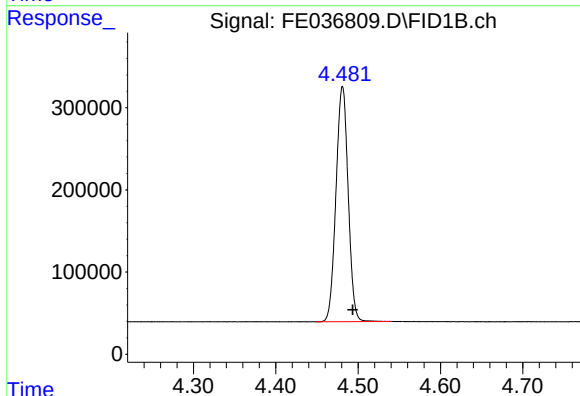
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.012 min
Response: 2932451
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

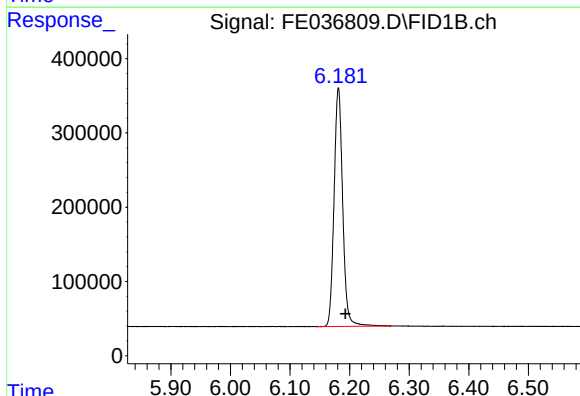
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



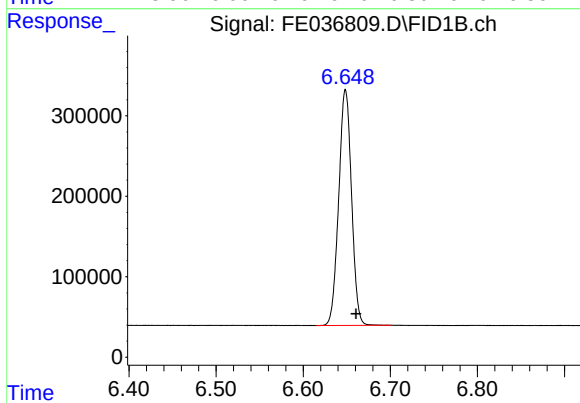
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.012 min
Response: 2942008
Conc: 19.09 ug/ml



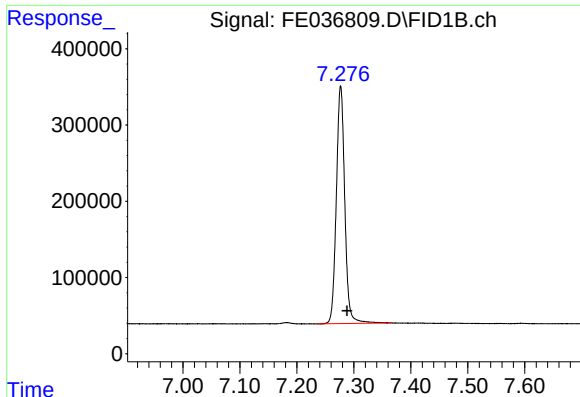
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.012 min
Response: 3230110
Conc: 18.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.012 min
Response: 3001654
Conc: 19.11 ug/ml



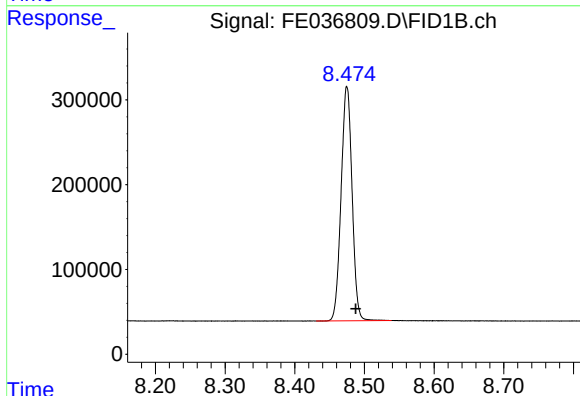
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: -0.011 min
Response: 3209377
Conc: 18.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

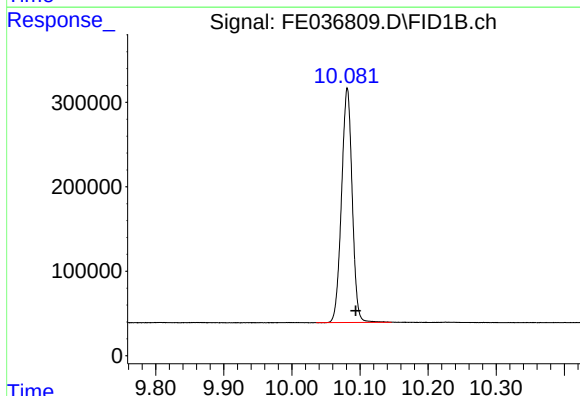
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



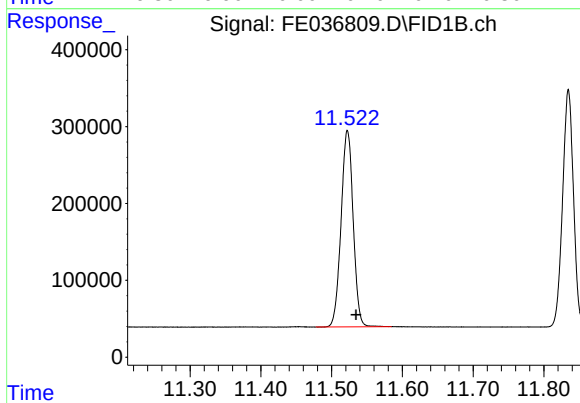
#6 n-Tetradecane (C14)

R.T.: 8.475 min
Delta R.T.: -0.012 min
Response: 3028254
Conc: 18.55 ug/ml



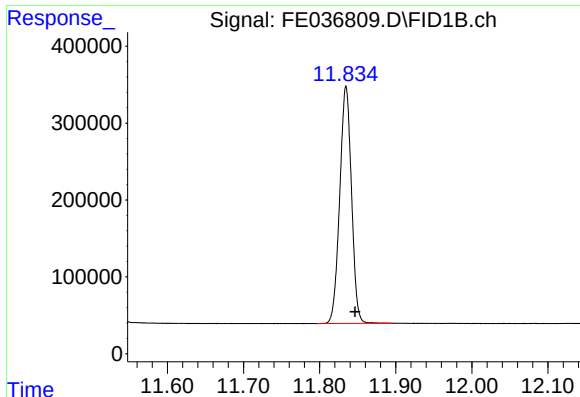
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.012 min
Response: 3018352
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.012 min
Response: 3035770
Conc: 17.86 ug/ml



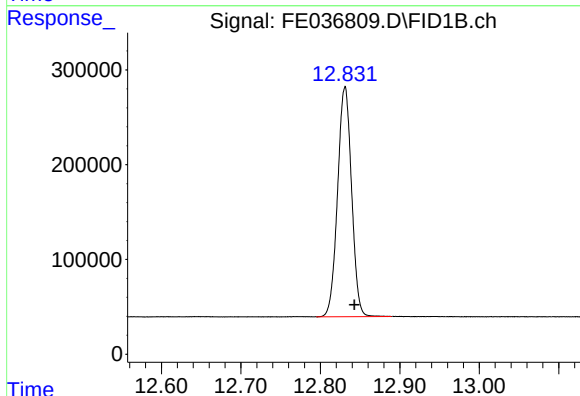
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.012 min
Response: 3309764
Conc: 17.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

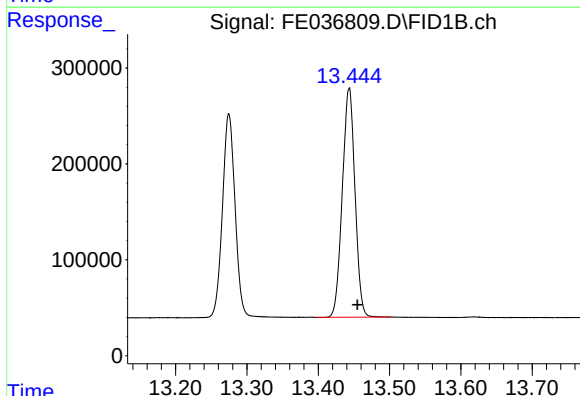
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



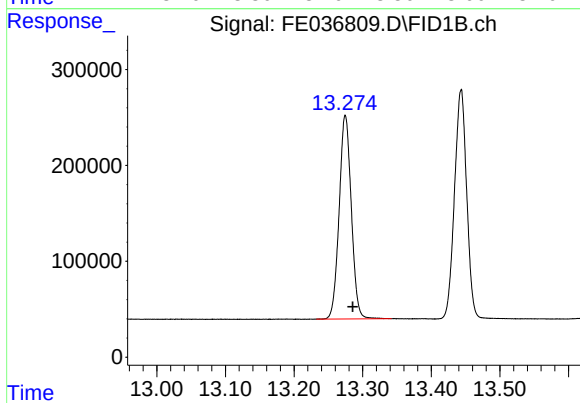
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 2970443
Conc: 17.46 ug/ml



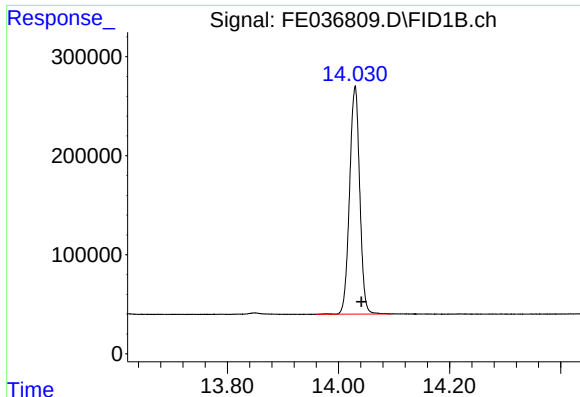
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.011 min
Response: 2948452
Conc: 17.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.011 min
Response: 2606955
Conc: 17.13 ug/ml



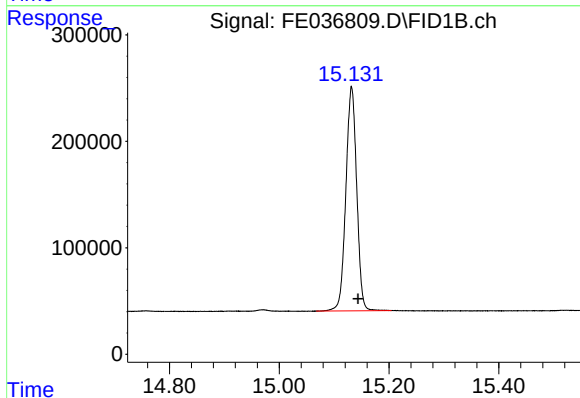
#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.011 min
Response: 2919644
Conc: 17.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

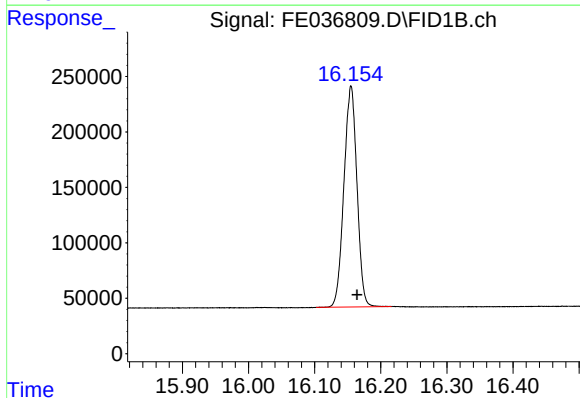
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



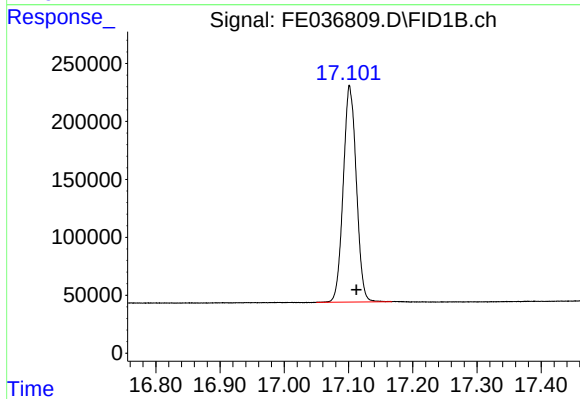
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.012 min
Response: 2890042
Conc: 16.95 ug/ml



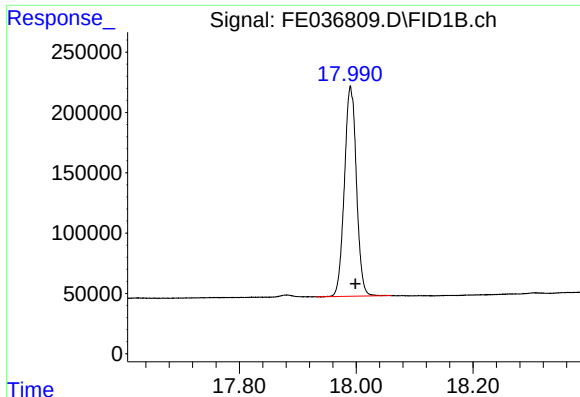
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 2729066
Conc: 16.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.010 min
Response: 2644283
Conc: 16.19 ug/ml



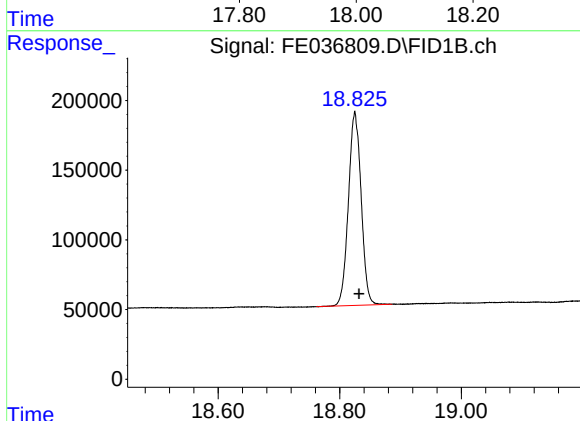
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2485520
Conc: 16.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

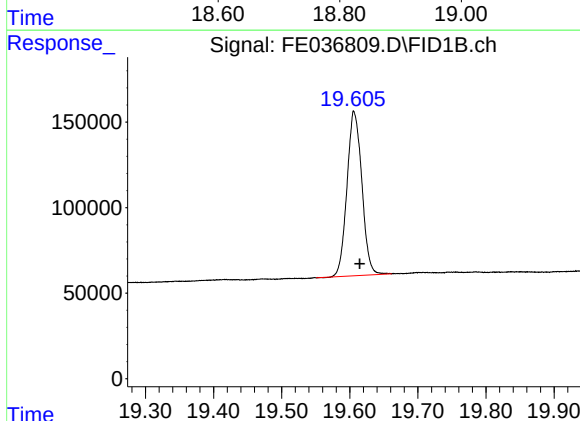
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



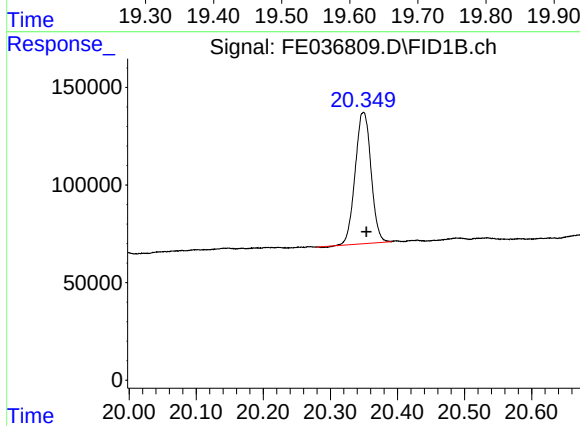
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.007 min
Response: 2018675
Conc: 16.78 ug/ml



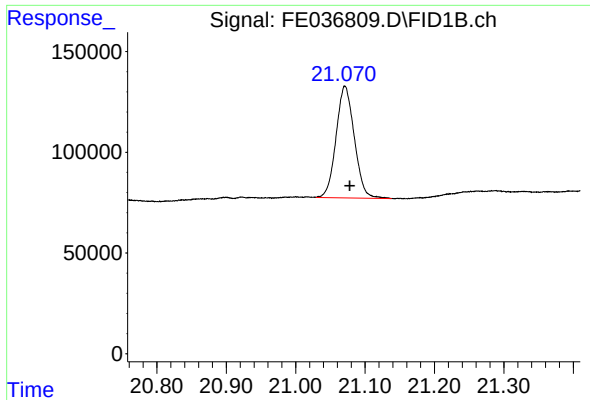
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.008 min
Response: 1458089
Conc: 17.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.004 min
Response: 1100653
Conc: 18.75 ug/ml



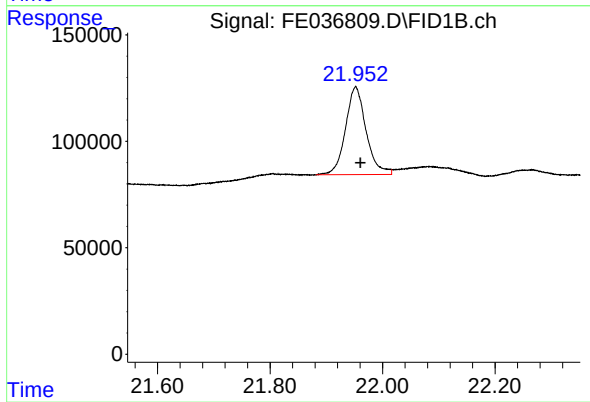
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.009 min
Response: 1013090
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/02/2022
Supervised By :Ankita Jodhani 08/02/2022



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.008 min
Response: 1049699
Conc: 20.33 ug/ml m