

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121522AL\
 Data File : FE039319.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2022 09:11
 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 12/15/2022
 Supervised By :Ankita Jodhani 12/16/2022

Integration File: autoint1.e
 Quant Time: Dec 15 15:07:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\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)	11.939	3278035	20.954 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
12) S 1-chlorooctadecane (S...	13.375	2523806	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	3.332	2793445	19.707 ug/ml
2) T n-Decane (C10)	4.582	2751539	19.742 ug/ml
3) T A~Naphthalene (C11.7)	6.286	3165267	19.901 ug/ml
4) T n-Dodecane (C12)	6.746	2813139	19.957 ug/ml
5) T A~2-methylnaphthalene...	7.381	2980691	19.916 ug/ml
6) T n-Tetradecane (C14)	8.572	2885658	20.205 ug/ml
7) T n-Hexadecane (C16)	10.179	3005607	20.557 ug/ml
8) T n-Octadecane (C18)	11.621	3061384	20.805 ug/ml
10) T n-Eicosane (C20)	12.931	2983998	21.020 ug/ml
11) T n-Heneicosane (C21)	13.541	2983536	20.996 ug/mlm
13) T n-Docosane (C22)	14.128	2952195	21.119 ug/ml
14) T n-Tetracosane (C24)	15.231	2918897	21.135 ug/ml
15) T n-Hexacosane (C26)	16.252	2824679	21.030 ug/ml
16) T n-Octacosane (C28)	17.202	2793244	21.034 ug/ml
17) T n-Tricontane (C30)	18.090	2806060	21.248 ug/ml
18) T n-Dotriacontane (C32)	18.922	2834126	21.251 ug/mlm
19) T n-Tetratriacontane (C34)	19.705	2761063	20.866 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2642710	20.570 ug/ml
21) T n-Octatriacontane (C38)	21.186	2678576	20.441 ug/ml
22) T n-Tetracontane (C40)	22.102	2685659	19.723 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121522AL\
Data File : FE039319.D
Signal(s) : FID1B.ch
Acq On : 15 Dec 2022 09:11
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

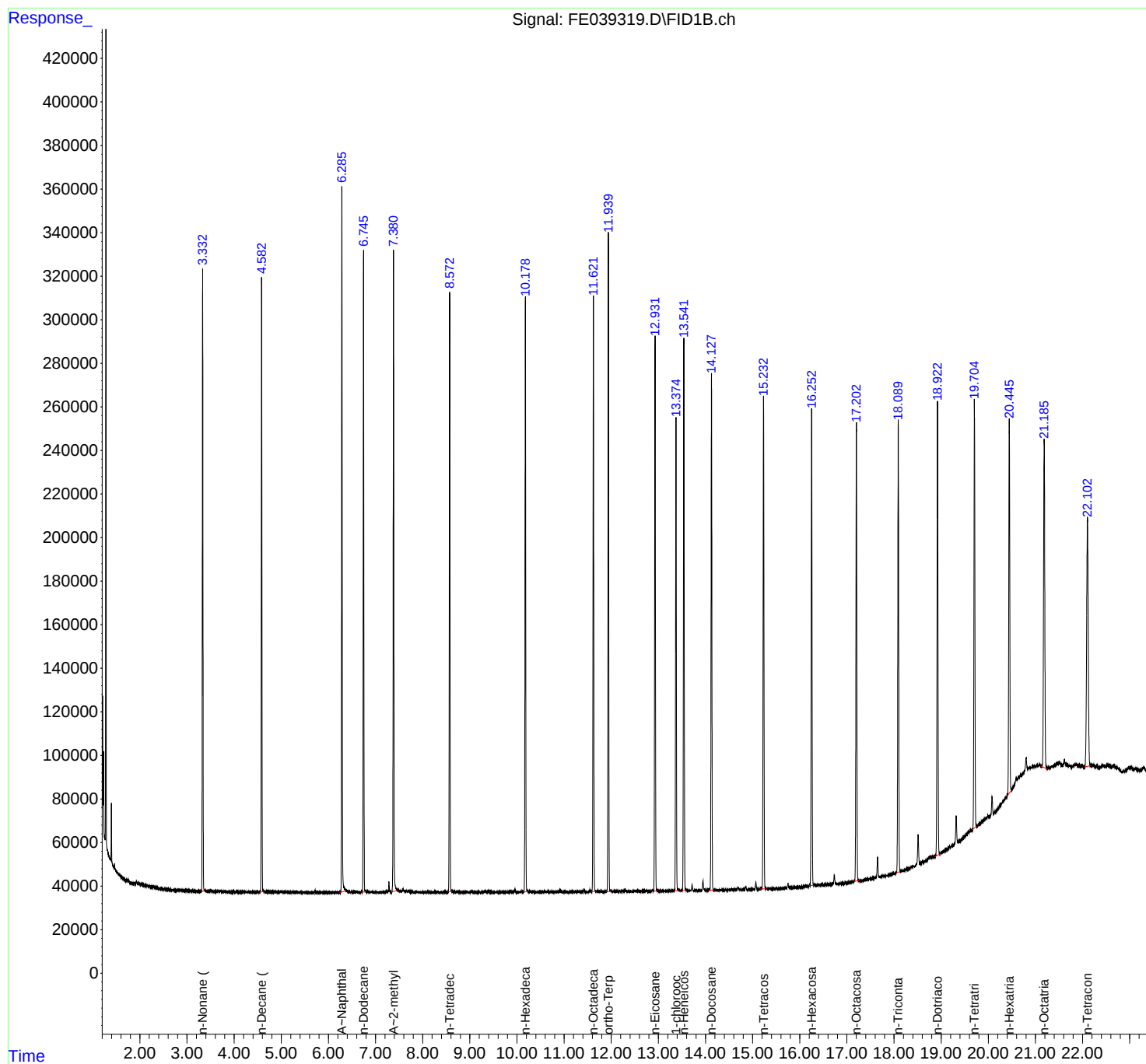
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

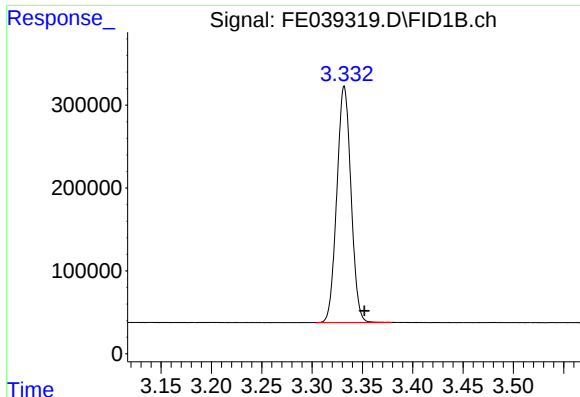
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022

Integration File: autoint1.e
Quant Time: Dec 15 15:07:03 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\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





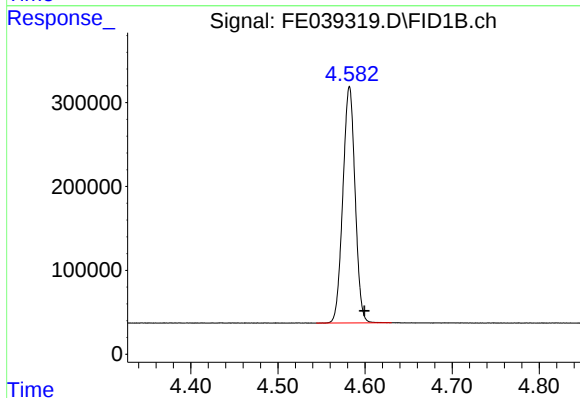
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.020 min
Response: 2793445
Conc: 19.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

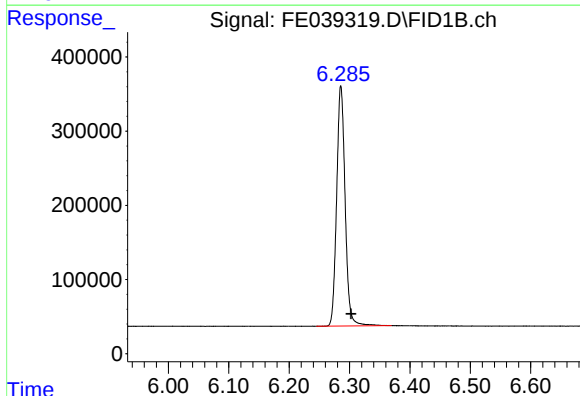
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022



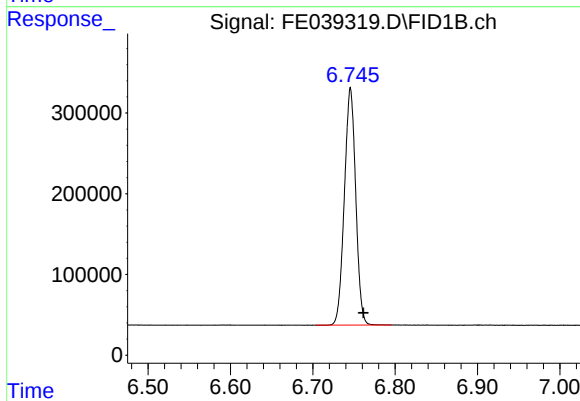
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.017 min
Response: 2751539
Conc: 19.74 ug/ml



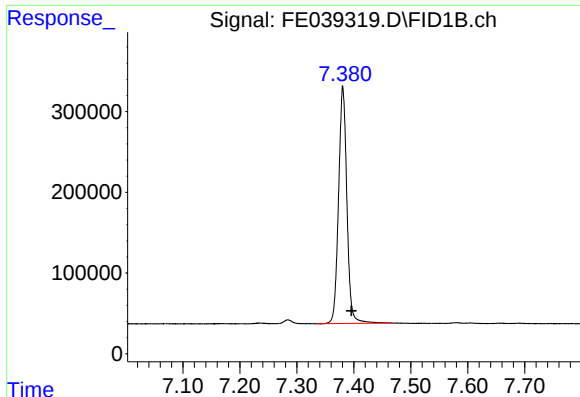
#3 A~Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: -0.017 min
Response: 3165267
Conc: 19.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.016 min
Response: 2813139
Conc: 19.96 ug/ml



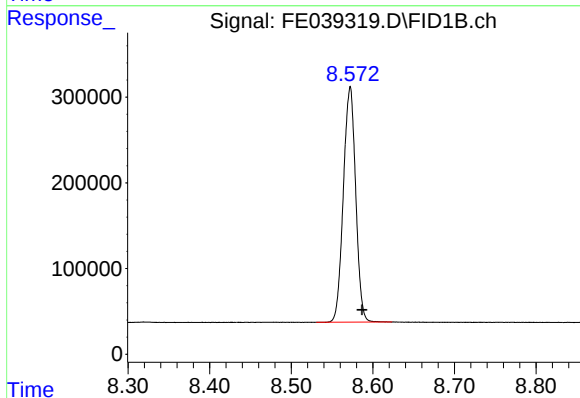
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 2980691
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

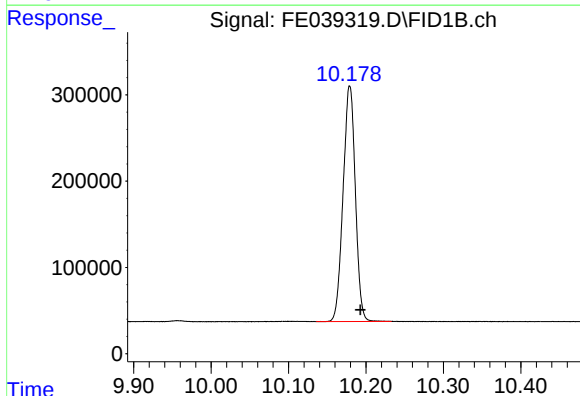
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022



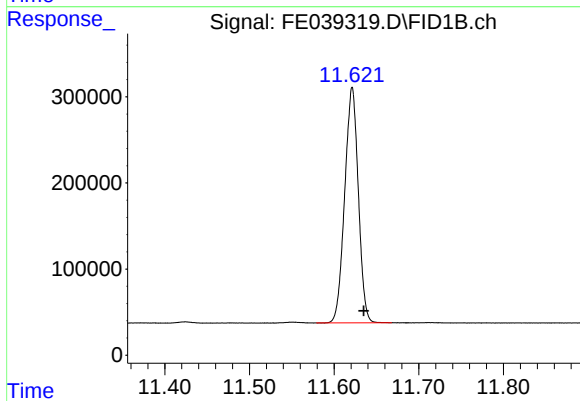
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.015 min
Response: 2885658
Conc: 20.20 ug/ml



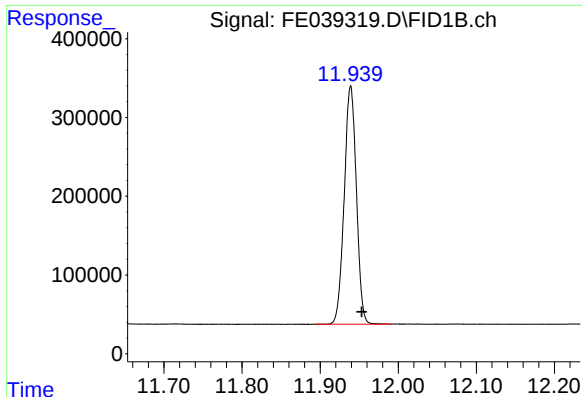
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.014 min
Response: 3005607
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.013 min
Response: 3061384
Conc: 20.80 ug/ml



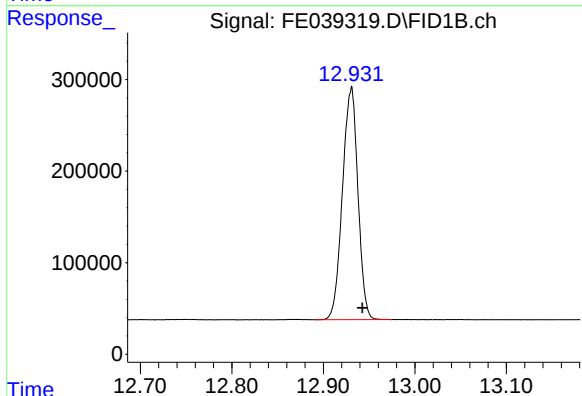
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.014 min
Response: 3278035
Conc: 20.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

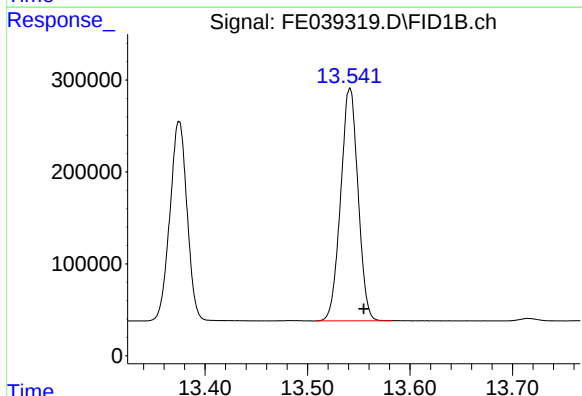
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022



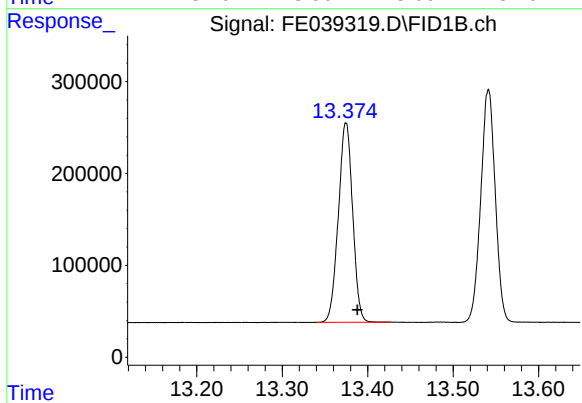
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.012 min
Response: 2983998
Conc: 21.02 ug/ml



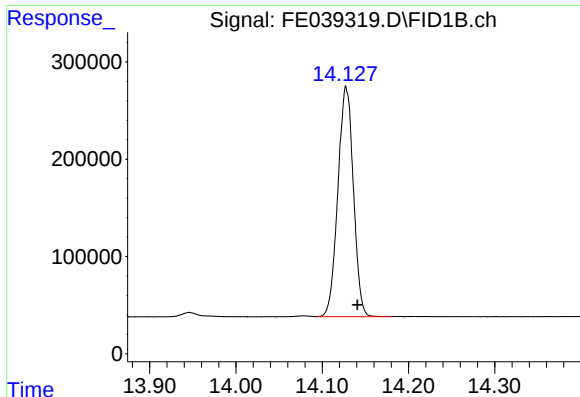
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.014 min
Response: 2983536
Conc: 21.00 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.013 min
Response: 2523806
Conc: 20.90 ug/ml



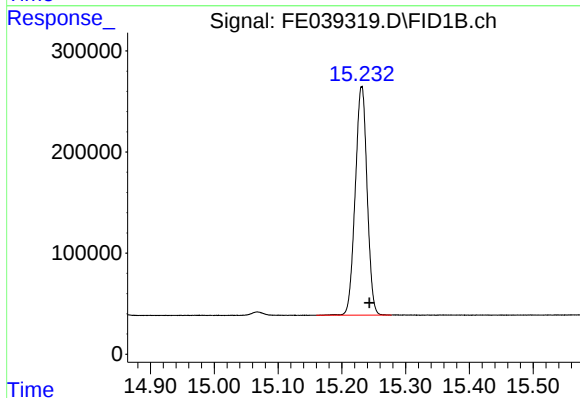
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.013 min
Response: 2952195
Conc: 21.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

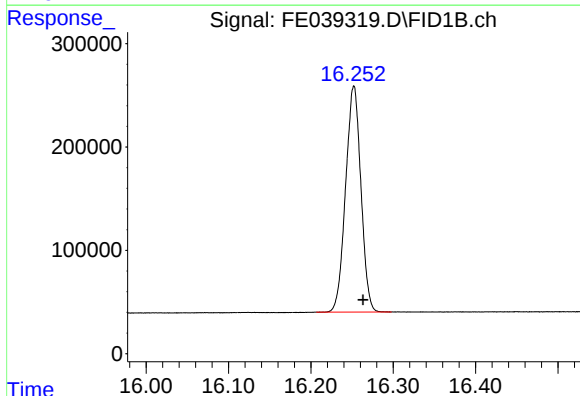
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022



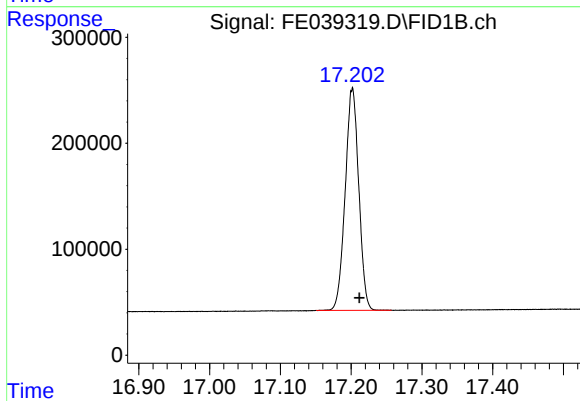
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.012 min
Response: 2918897
Conc: 21.14 ug/ml



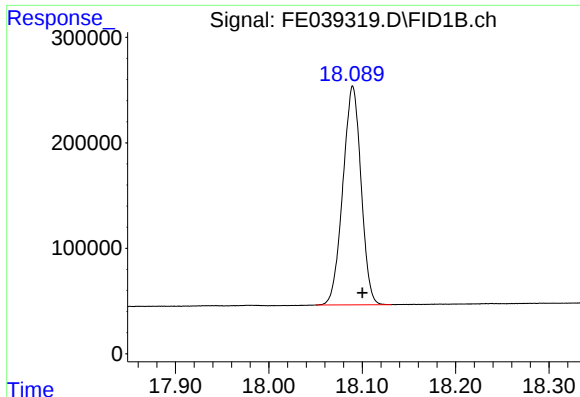
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.011 min
Response: 2824679
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.010 min
Response: 2793244
Conc: 21.03 ug/ml



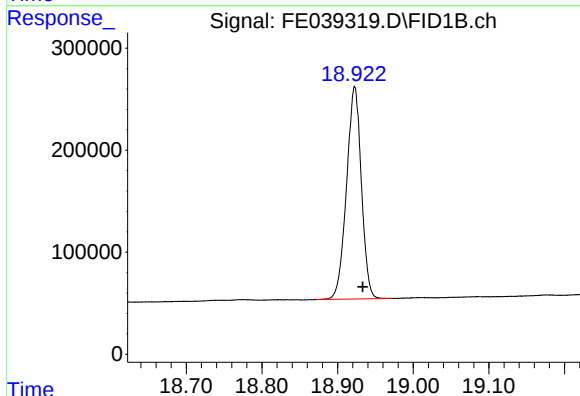
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.010 min
Response: 2806060
Conc: 21.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

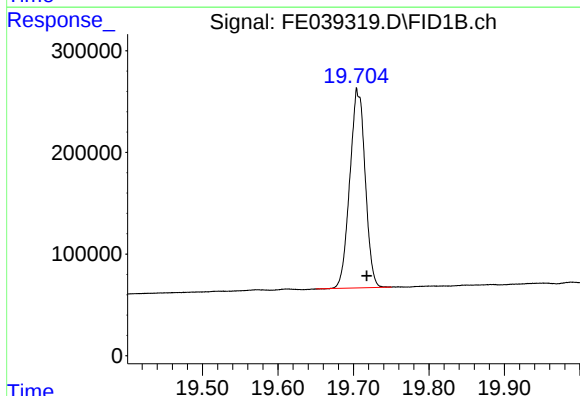
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022



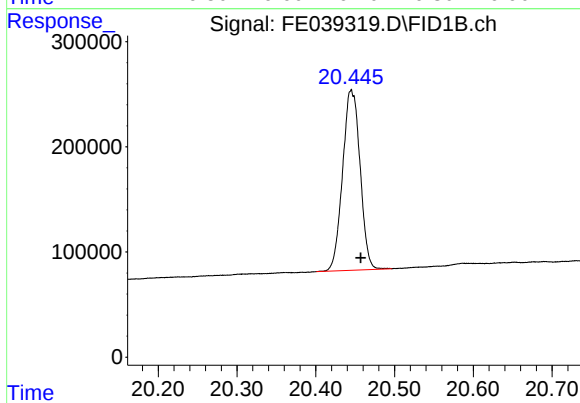
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 2834126
Conc: 21.25 ug/ml m



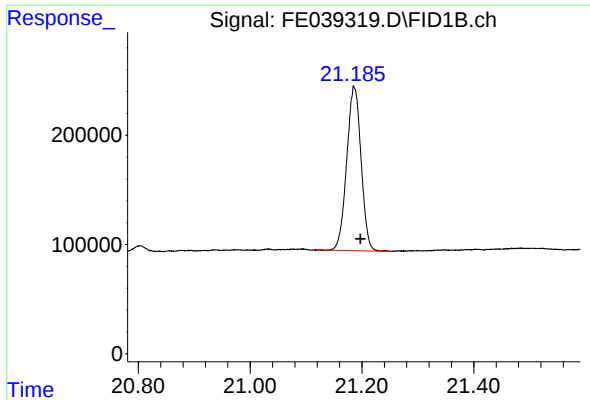
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.013 min
Response: 2761063
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2642710
Conc: 20.57 ug/ml



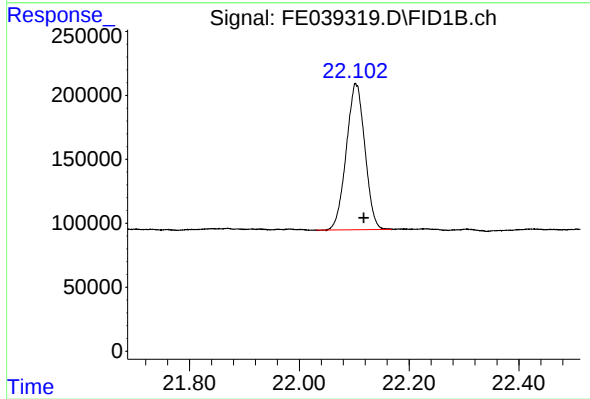
#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.011 min
Response: 2678576
Conc: 20.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/15/2022
Supervised By :Ankita Jodhani 12/16/2022



#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.015 min
Response: 2685659
Conc: 19.72 ug/ml