

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
 Data File : FE039035.D
 Signal(s) : FID1B.ch
 Acq On : 01 Dec 2022 00:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2022
 Supervised By :Ankita Jodhani 12/01/2022

Integration File: autoint1.e
 Quant Time: Dec 01 02:41:58 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)	11.951	3055143	19.529 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	13.385	2372488	19.650 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.345	2657505	18.748 ug/ml
2) T n-Decane (C10)	4.593	2640054	18.942 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3041794	19.124 ug/ml
4) T n-Dodecane (C12)	6.757	2667852	18.926 ug/ml
5) T A~2-methylnaphthalene...	7.391	2859877	19.108 ug/ml
6) T n-Tetradecane (C14)	8.583	2722665	19.063 ug/ml
7) T n-Hexadecane (C16)	10.188	2821053	19.294 ug/ml
8) T n-Octadecane (C18)	11.632	2879797	19.571 ug/ml
10) T n-Eicosane (C20)	12.941	2825262	19.901 ug/ml
11) T n-Heneicosane (C21)	13.553	2796068	19.677 ug/ml
13) T n-Docosane (C22)	14.138	2842523	20.335 ug/ml
14) T n-Tetracosane (C24)	15.243	2907516	21.053 ug/ml
15) T n-Hexacosane (C26)	16.263	2919213	21.734 ug/ml
16) T n-Octacosane (C28)	17.212	2957349	22.269 ug/ml
17) T n-Tricontane (C30)	18.102	2948139	22.324 ug/ml
18) T n-Dotriacontane (C32)	18.933	2927433	21.950 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2774172	20.965 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2600517	20.242 ug/ml
21) T n-Octatriacontane (C38)	21.198	2660710	20.305 ug/mlm
22) T n-Tetracontane (C40)	22.121	2608818	19.159 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE113022AL\
Data File : FE039035.D
Signal(s) : FID1B.ch
Acq On : 01 Dec 2022 00:00
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

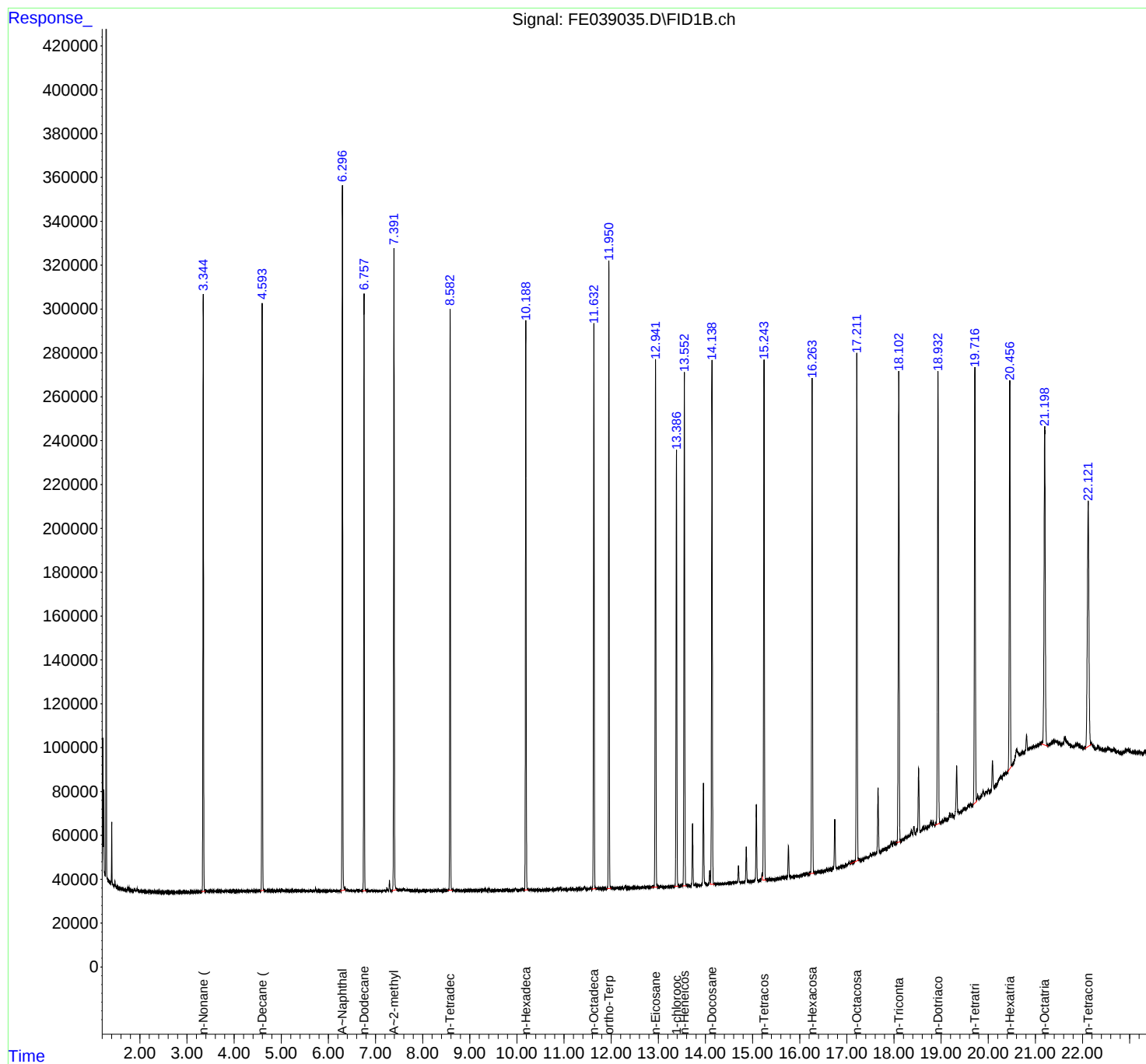
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

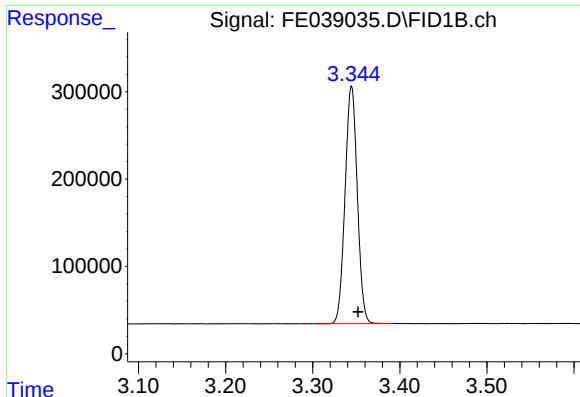
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022

Integration File: autoint1.e
Quant Time: Dec 01 02:41:58 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





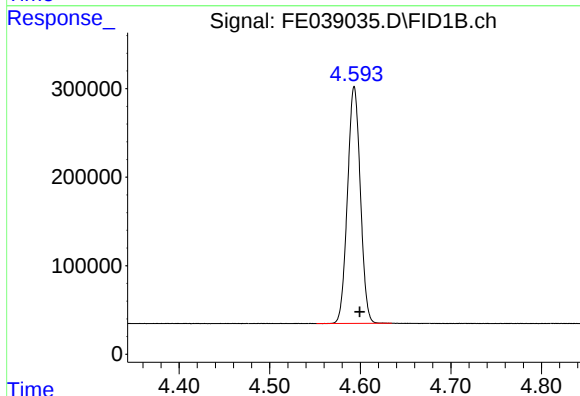
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.007 min
Response: 2657505
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

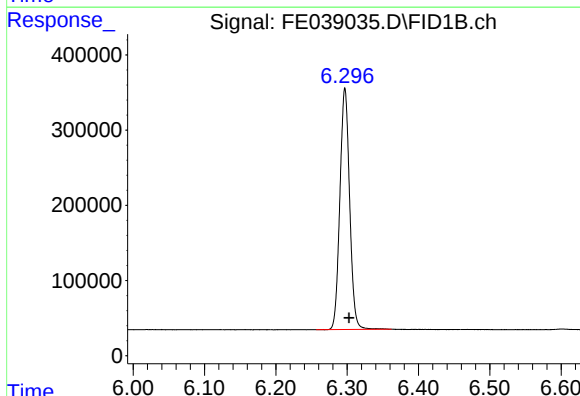
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



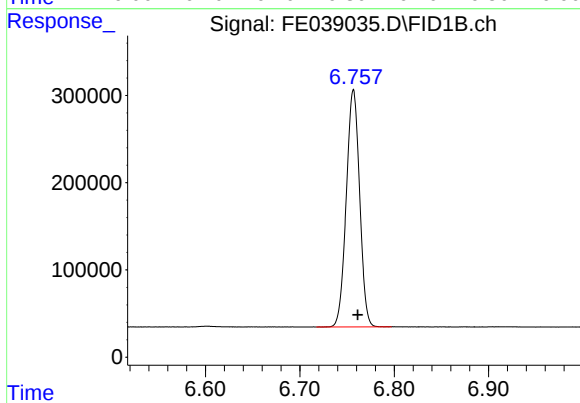
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.006 min
Response: 2640054
Conc: 18.94 ug/ml



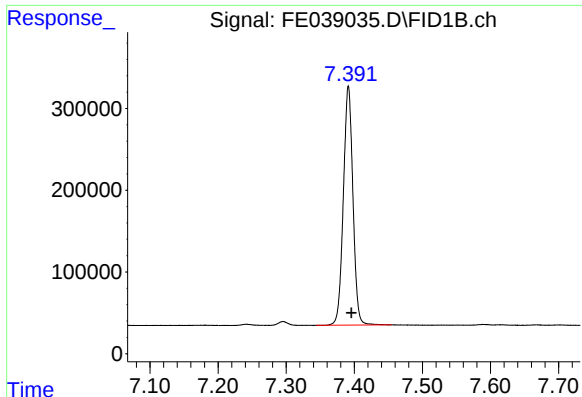
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 3041794
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 2667852
Conc: 18.93 ug/ml



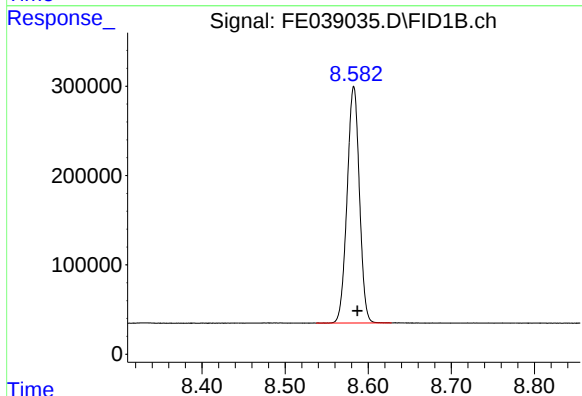
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 2859877
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

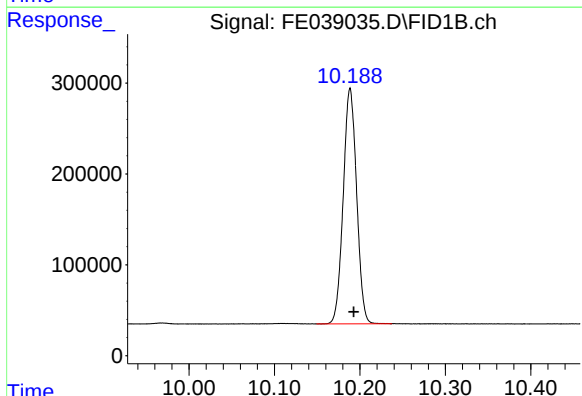
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



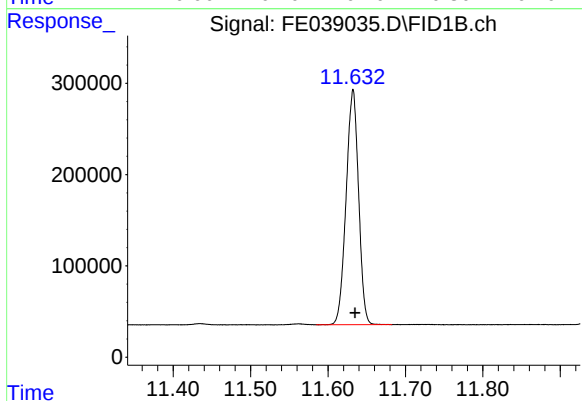
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.004 min
Response: 2722665
Conc: 19.06 ug/ml



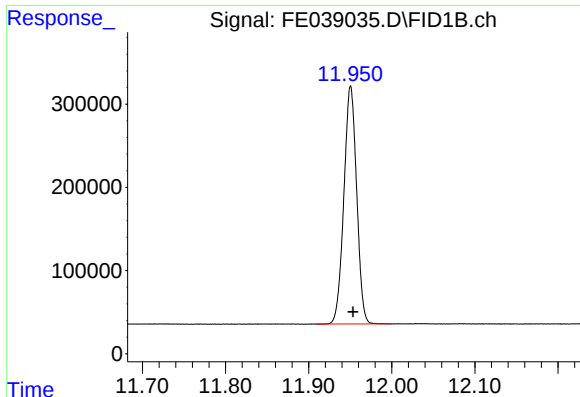
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.004 min
Response: 2821053
Conc: 19.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 2879797
Conc: 19.57 ug/ml



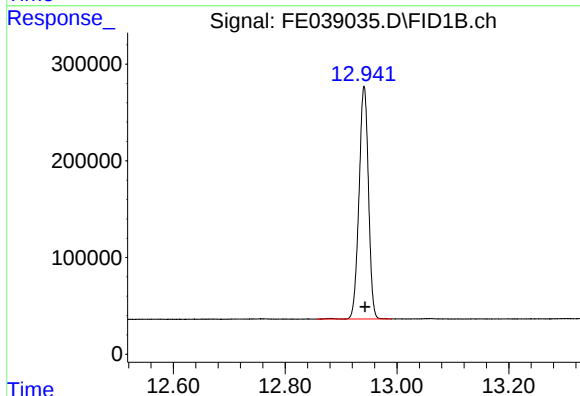
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.003 min
Response: 3055143
Conc: 19.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

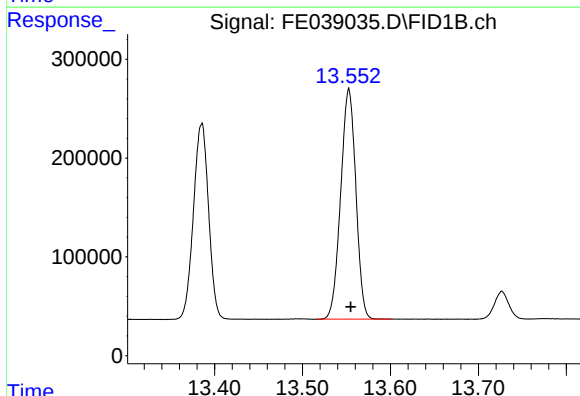
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



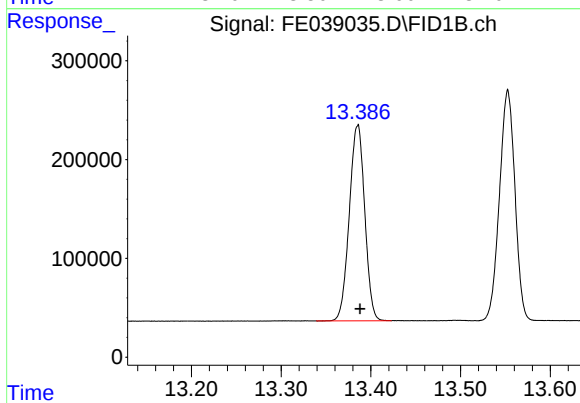
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.001 min
Response: 2825262
Conc: 19.90 ug/ml



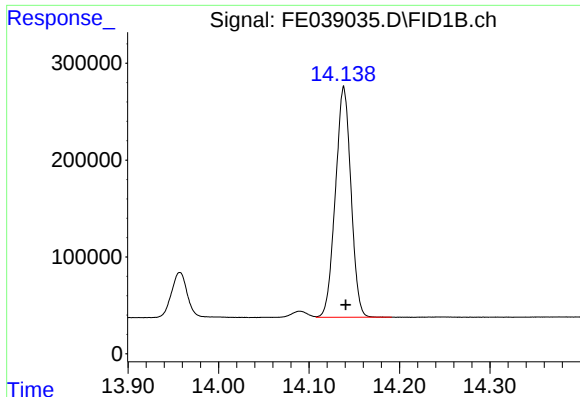
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2796068
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.003 min
Response: 2372488
Conc: 19.65 ug/ml



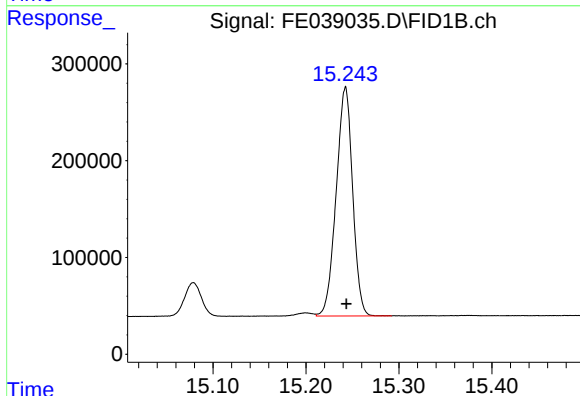
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.002 min
Response: 2842523
Conc: 20.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

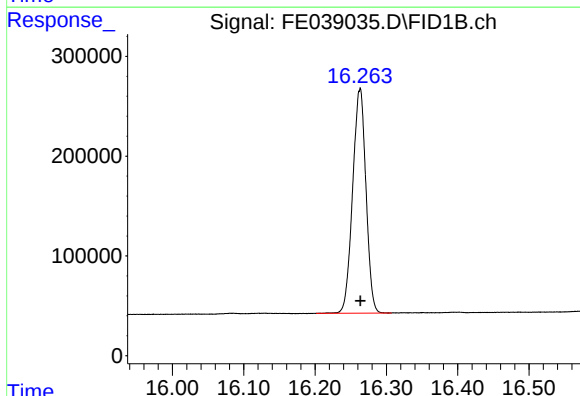
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



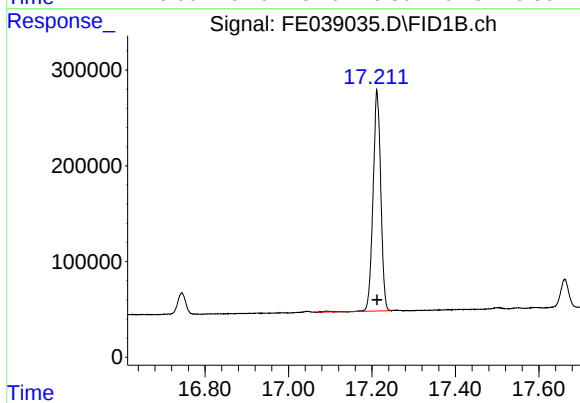
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.000 min
Response: 2907516
Conc: 21.05 ug/ml



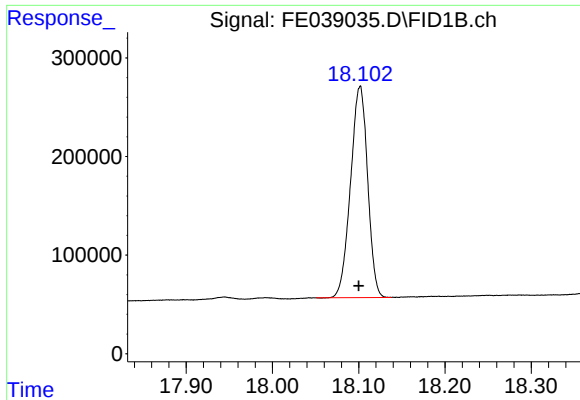
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.000 min
Response: 2919213
Conc: 21.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 2957349
Conc: 22.27 ug/ml



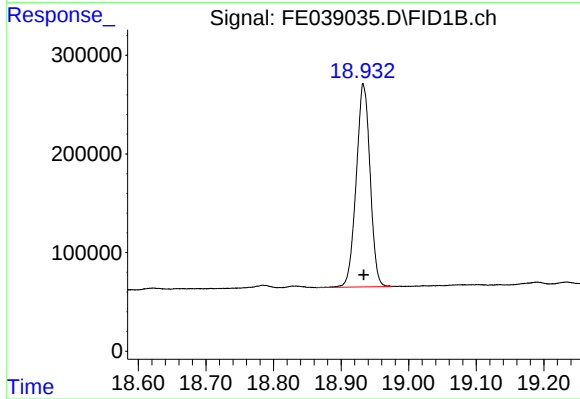
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.001 min
Response: 2948139
Conc: 22.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

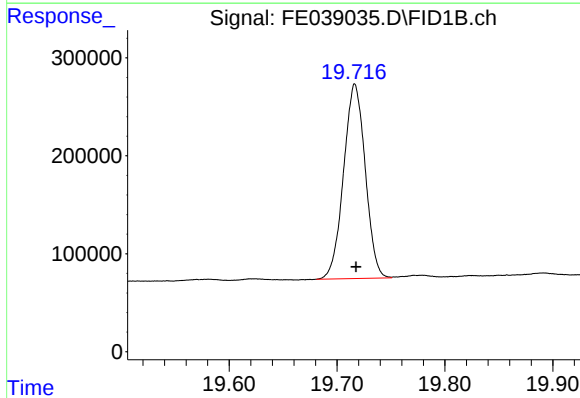
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



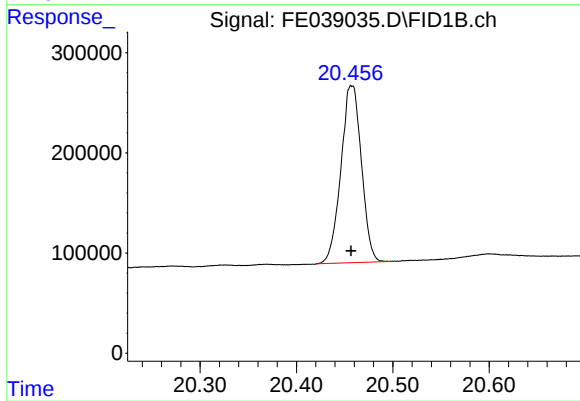
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2927433
Conc: 21.95 ug/ml



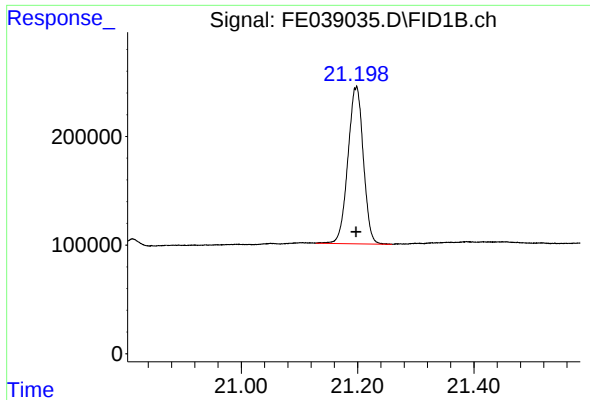
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.001 min
Response: 2774172
Conc: 20.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 2600517
Conc: 20.24 ug/ml



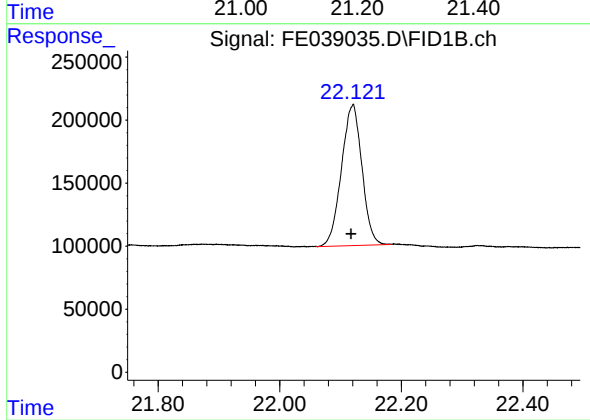
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.001 min
Response: 2660710
Conc: 20.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/01/2022
Supervised By :Ankita Jodhani 12/01/2022



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: 0.003 min
Response: 2608818
Conc: 19.16 ug/ml m