

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037675.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2022 10:24
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 20 11:36:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.621	3072389	18.181 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	13.044	2359791	18.336 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
Target Compounds			
1) T n-Nonane (C9)	3.016	2798220	18.288 ug/mlm
2) T n-Decane (C10)	4.276	2945804	19.107 ug/ml
3) T A~Naphthalene (C11.7)	5.993	2753062	19.109 ug/ml
4) T n-Dodecane (C12)	6.448	3008149	19.023 ug/ml
5) T A~2-methylnaphthalene...	7.086	2634604	18.871 ug/ml
6) T n-Tetradecane (C14)	9.865	3001587	18.943 ug/ml
7) T n-Hexadecane (C16)	9.865	3001587	18.943 ug/ml
8) T n-Octadecane (C18)	11.300	2977845	18.700 ug/ml
10) T n-Eicosane (C20)	12.601	2917382	18.439 ug/ml
11) T n-Heneicosane (C21)	13.210	2878031	18.251 ug/ml
13) T n-Docosane (C22)	13.791	2894840	18.596 ug/ml
14) T n-Tetracosane (C24)	14.889	2851440	18.959 ug/ml
15) T n-Hexacosane (C26)	15.904	2783526	19.223 ug/ml
16) T n-Octacosane (C28)	16.849	2808456	20.272 ug/ml
17) T n-Tricontane (C30)	17.732	2993189	22.004 ug/ml
18) T n-Dotriacontane (C32)	18.560	3077060	23.043 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2916968	23.054 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2930867	22.788 ug/mlm
21) T n-Octatriacontane (C38)	20.771	2887933	23.204 ug/mlm
22) T n-Tetracontane (C40)	21.544	2920132	22.652 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
Data File : FE037675.D
Signal(s) : FID1B.ch
Acq On : 20 Sep 2022 10:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

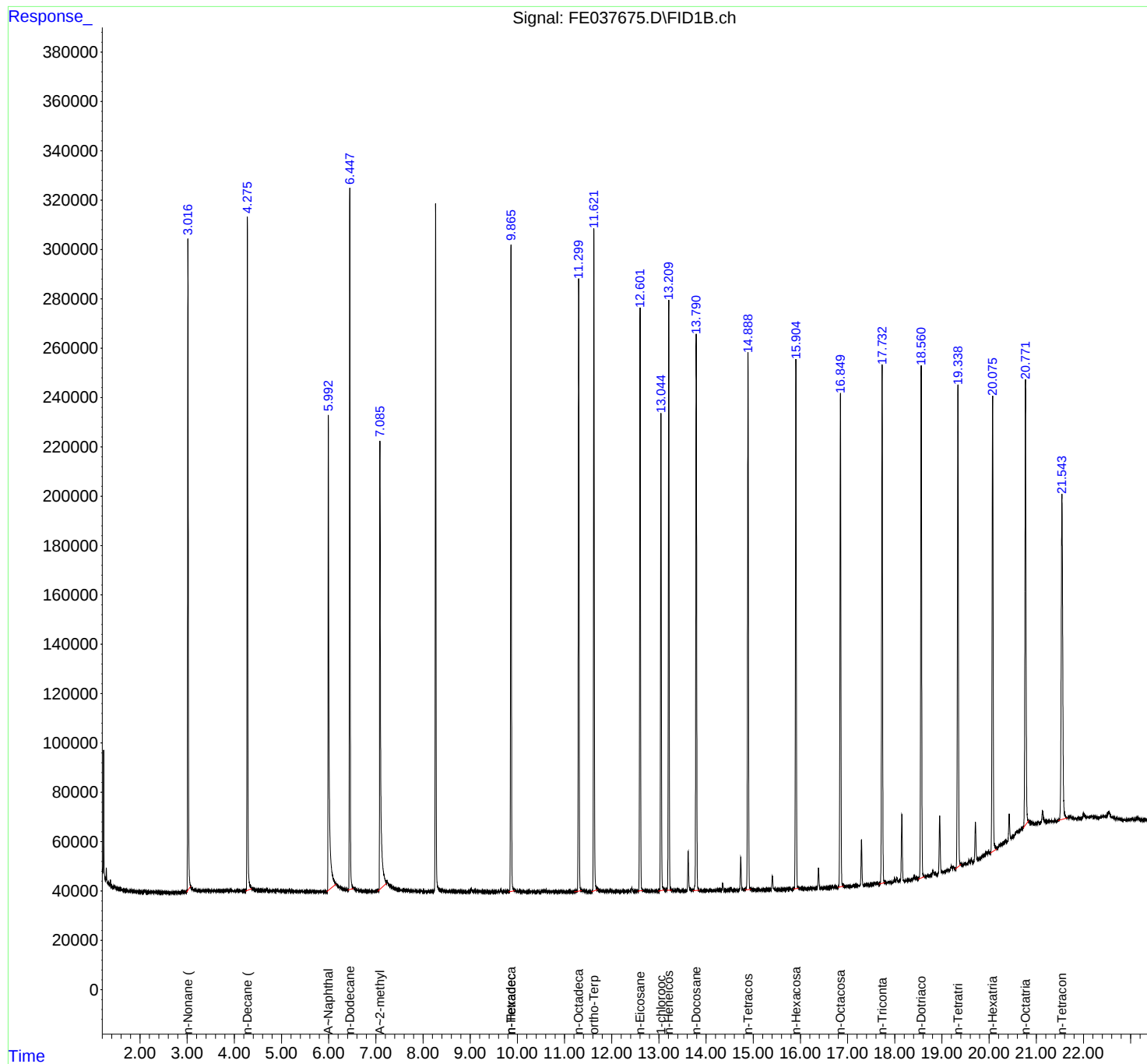
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

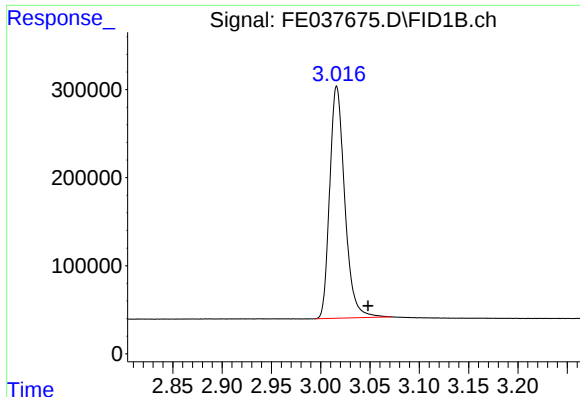
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
Quant Time: Sep 20 11:36:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
Quant Title : GC Extractables
QLast Update : Tue Aug 30 06:54:11 2022
Response via : Initial Calibration
Integrator: ChemStation

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





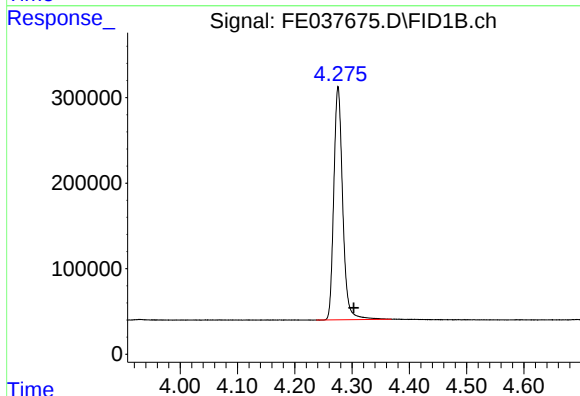
#1 n-Nonane (C9)

R.T.: 3.016 min
Delta R.T.: -0.032 min
Response: 2798220
Conc: 18.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

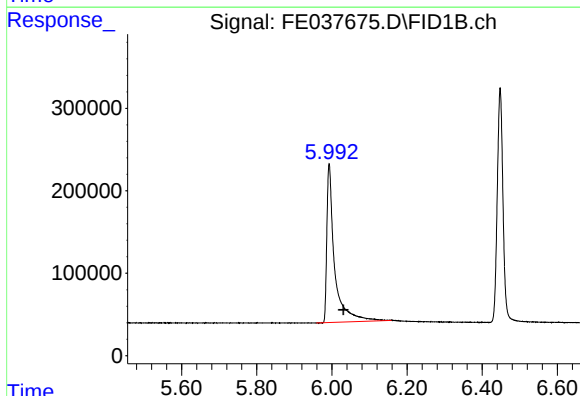
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022



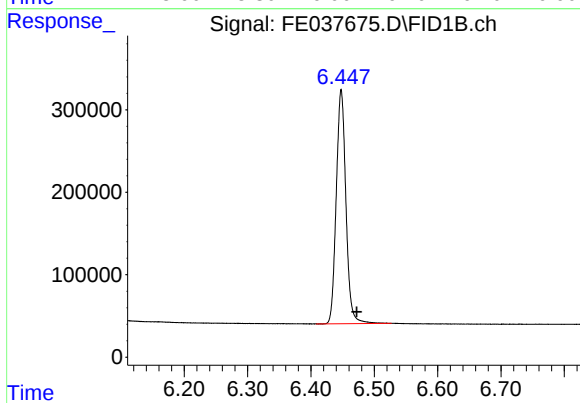
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.028 min
Response: 2945804
Conc: 19.11 ug/ml



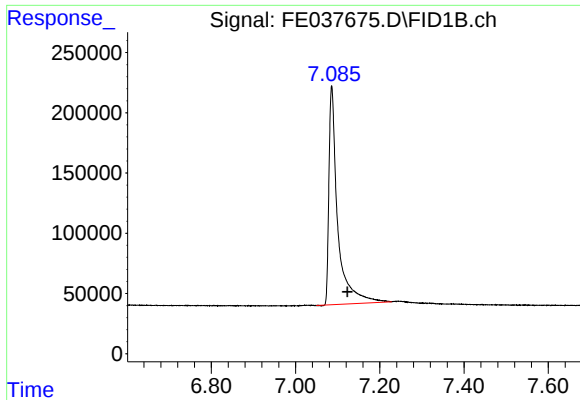
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.038 min
Response: 2753062
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.025 min
Response: 3008149
Conc: 19.02 ug/ml



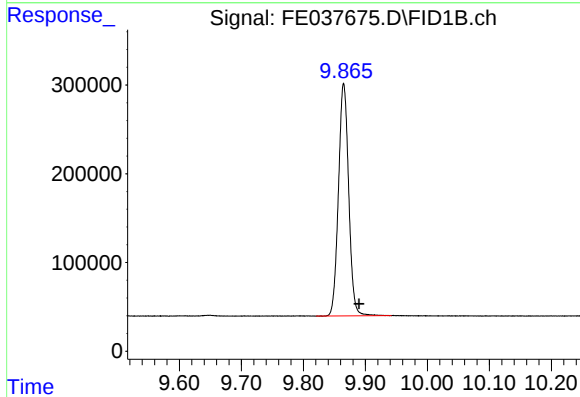
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.037 min
Response: 2634604
Conc: 18.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

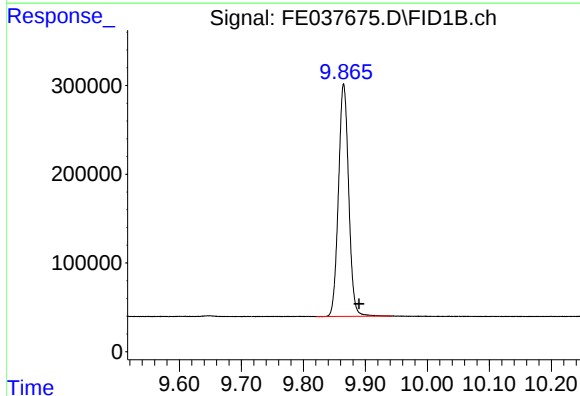
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022



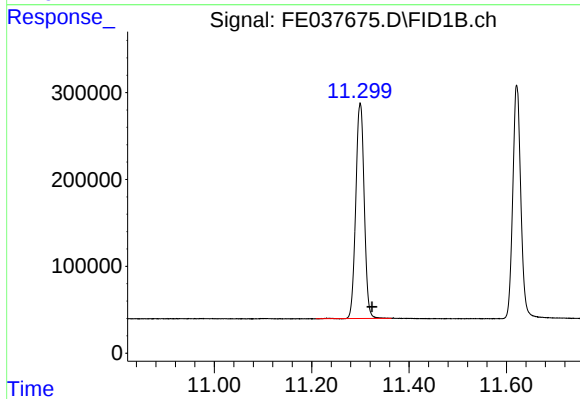
#6 n-Tetradecane (C14)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 3001587
Conc: 18.94 ug/ml



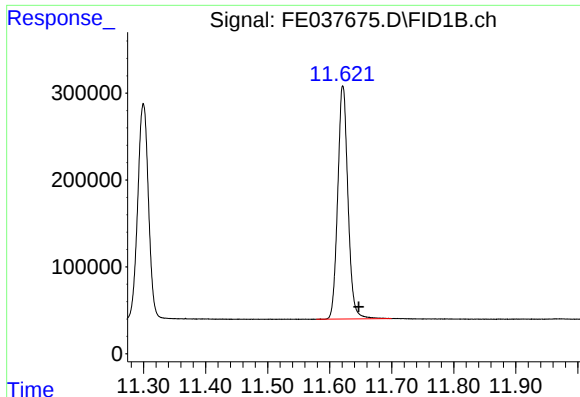
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 3001587
Conc: 18.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.024 min
Response: 2977845
Conc: 18.70 ug/ml



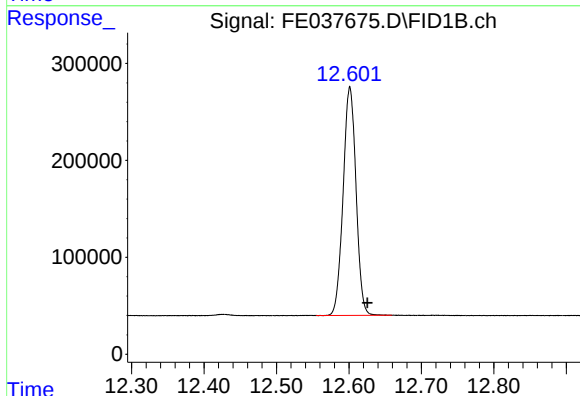
#9 ortho-Terphenyl (SURR)

R.T.: 11.621 min
Delta R.T.: -0.026 min
Response: 3072389
Conc: 18.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

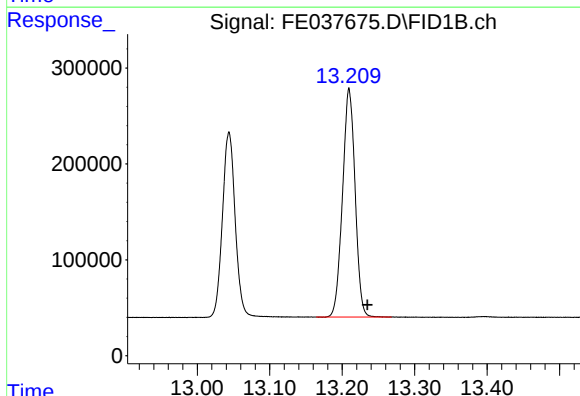
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022



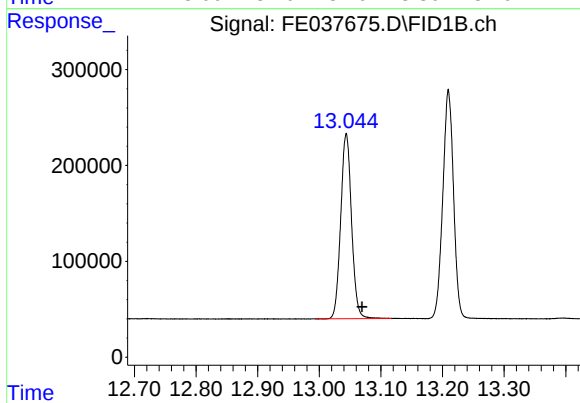
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.024 min
Response: 2917382
Conc: 18.44 ug/ml



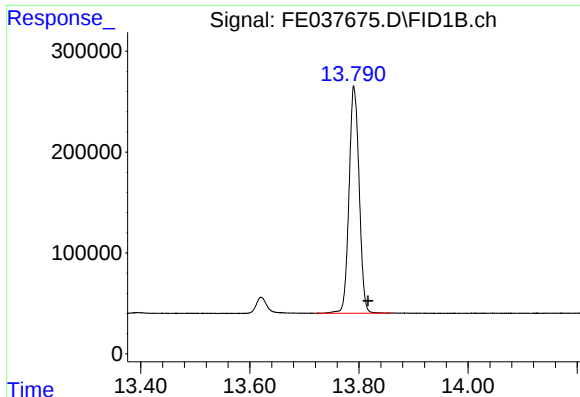
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.025 min
Response: 2878031
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.044 min
Delta R.T.: -0.026 min
Response: 2359791
Conc: 18.34 ug/ml



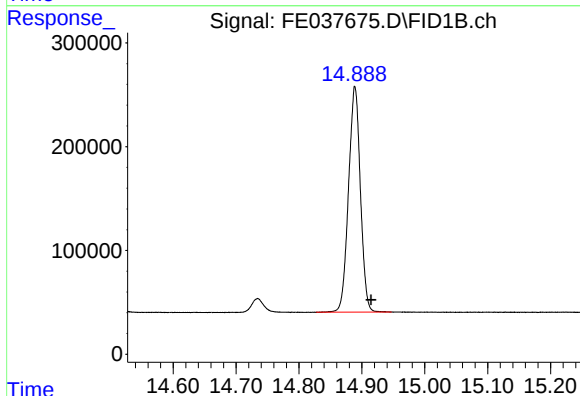
#13 n-Docosane (C22)

R.T.: 13.791 min
Delta R.T.: -0.026 min
Response: 2894840
Conc: 18.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

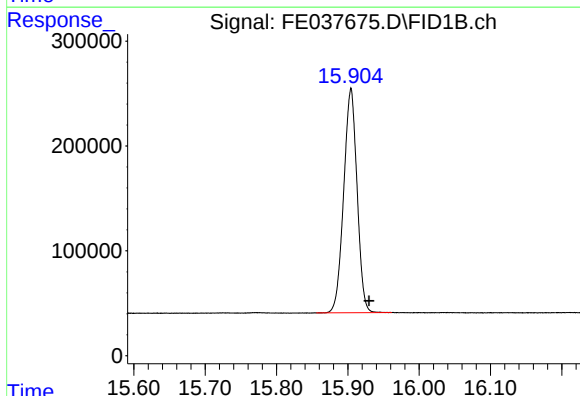
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022



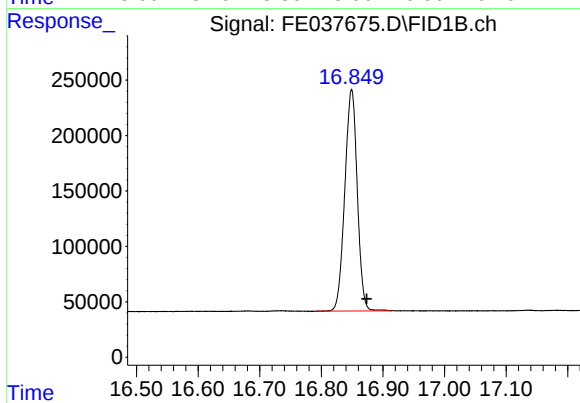
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.026 min
Response: 2851440
Conc: 18.96 ug/ml



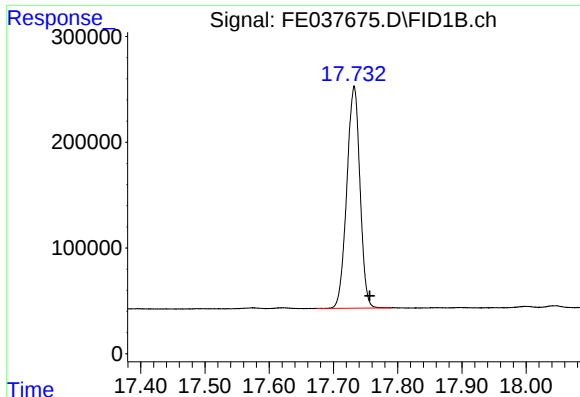
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: -0.025 min
Response: 2783526
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.024 min
Response: 2808456
Conc: 20.27 ug/ml



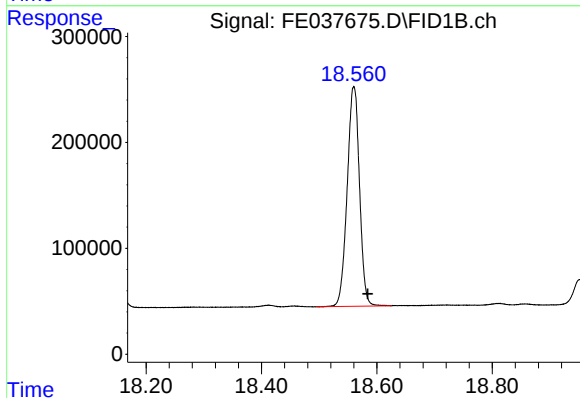
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.024 min
Response: 2993189
Conc: 22.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

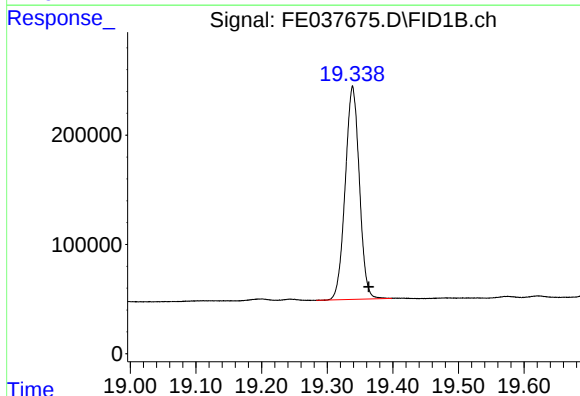
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022



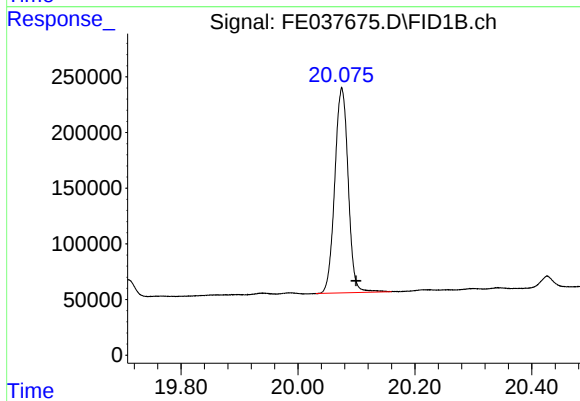
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.024 min
Response: 3077060
Conc: 23.04 ug/ml



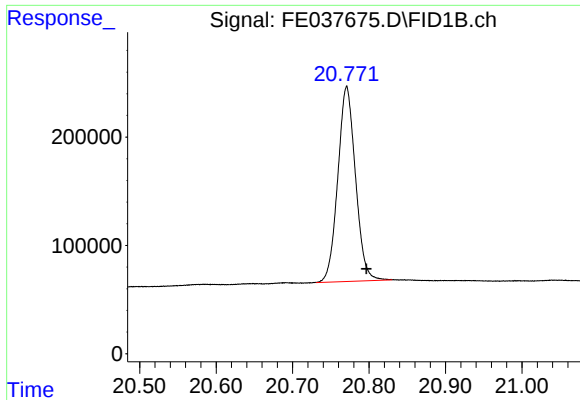
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.025 min
Response: 2916968
Conc: 23.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.025 min
Response: 2930867
Conc: 22.79 ug/ml m



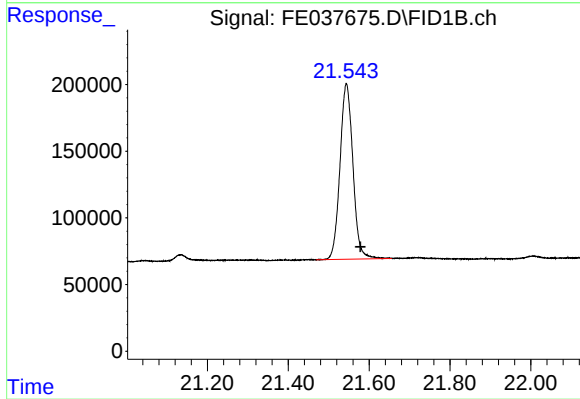
#21 n-Octatriacontane (C38)

R.T.: 20.771 min
Delta R.T.: -0.026 min
Response: 2887933
Conc: 23.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/20/2022
Supervised By :Ankita Jodhani 09/21/2022



#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: -0.035 min
Response: 2920132
Conc: 22.65 ug/ml