

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061523AL\
 Data File : FE042643.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2023 01:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e
 Quant Time: Jun 16 05:30:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.936	3353320	18.991 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	13.372	2476584	18.638 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.316	2798482	19.407 ug/ml
2) T n-Decane (C10)	4.568	2916041	19.698 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3145639	19.279 ug/ml
4) T n-Dodecane (C12)	6.736	2963070	19.760 ug/ml
5) T A~2-methylnaphthalene...	7.372	3017307	19.012 ug/ml
6) T n-Tetradecane (C14)	8.565	2940365	19.628 ug/ml
7) T n-Hexadecane (C16)	10.173	3038184	19.504 ug/ml
8) T n-Octadecane (C18)	11.616	3057641	19.336 ug/ml
10) T n-Eicosane (C20)	12.925	2897341	19.114 ug/ml
11) T n-Heneicosane (C21)	13.538	2817179	19.015 ug/ml
13) T n-Docosane (C22)	14.124	2764377	18.857 ug/ml
14) T n-Tetracosane (C24)	15.227	2693628	18.660 ug/ml
15) T n-Hexacosane (C26)	16.248	2627074	18.968 ug/ml
16) T n-Octacosane (C28)	17.199	2632498	19.663 ug/ml
17) T n-Tricontane (C30)	18.086	2874465	21.294 ug/ml
18) T n-Dotriacontane (C32)	18.918	2947483	22.064 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2845102	21.634 ug/ml
20) T n-Hexatriacontane (C36)	20.442	2713074	20.874 ug/ml
21) T n-Octatriacontane (C38)	21.188	2753810	20.297 ug/mlm
22) T n-Tetracontane (C40)	22.114	2816843	20.248 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061523AL\
Data File : FE042643.D
Signal(s) : FID1B.ch
Acq On : 16 Jun 2023 01:01
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

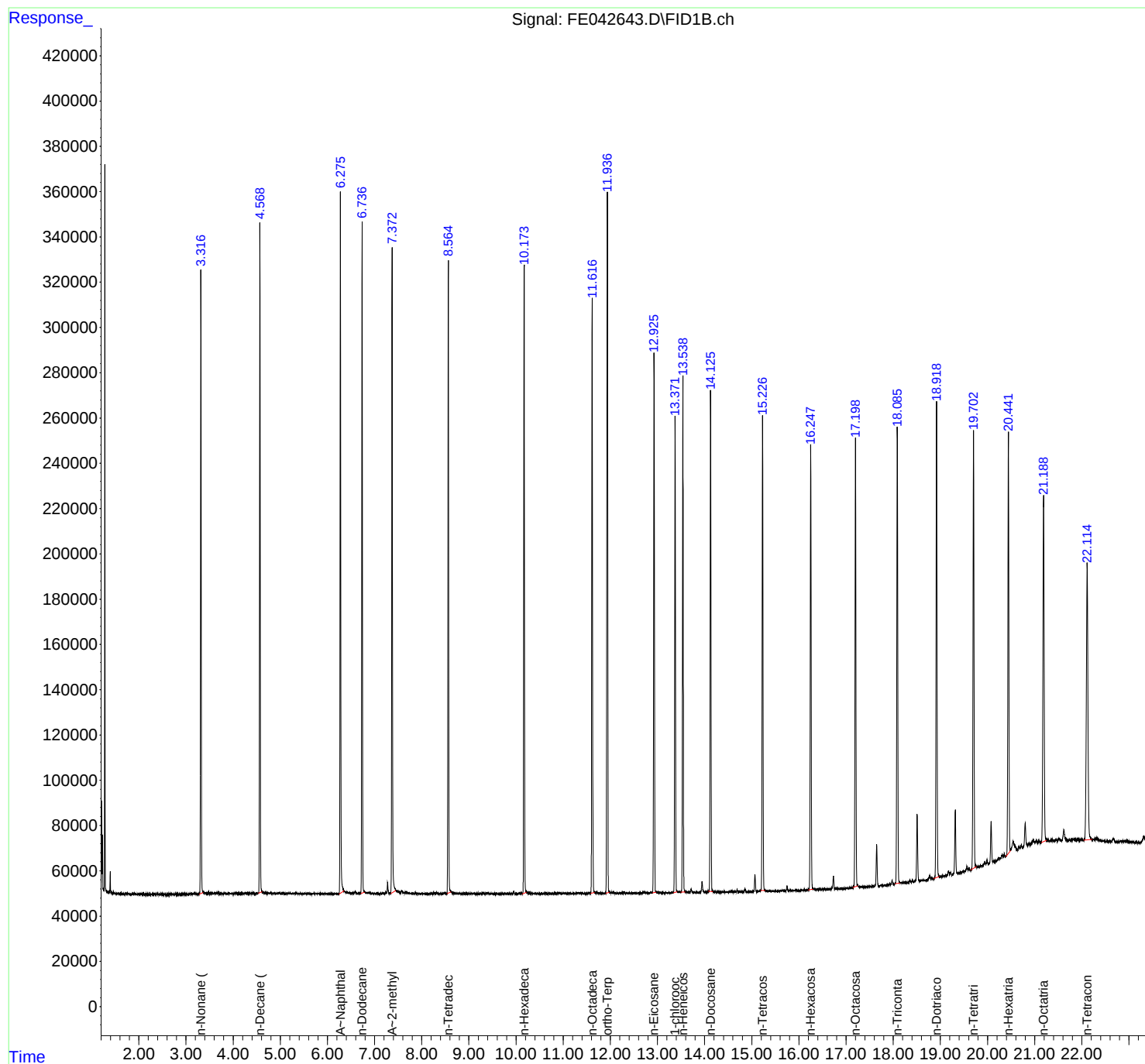
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

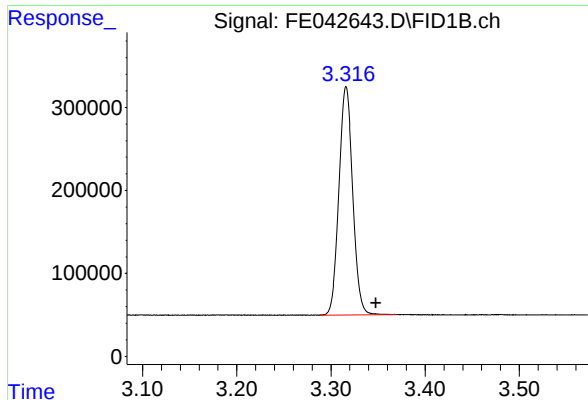
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023

Integration File: autoint1.e
Quant Time: Jun 16 05:30:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 2023
Response via : Initial Calibration
Integrator: ChemStation

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





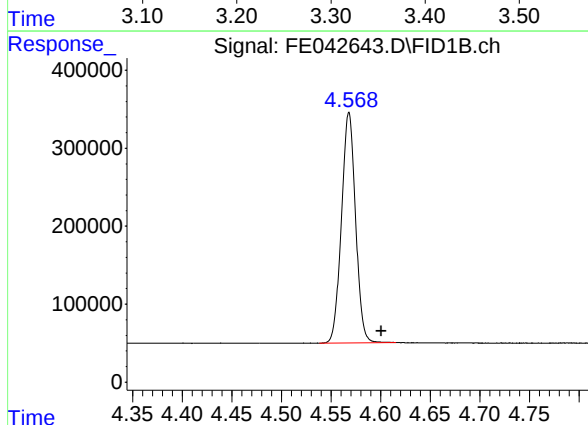
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: -0.032 min
Response: 2798482
Conc: 19.41 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

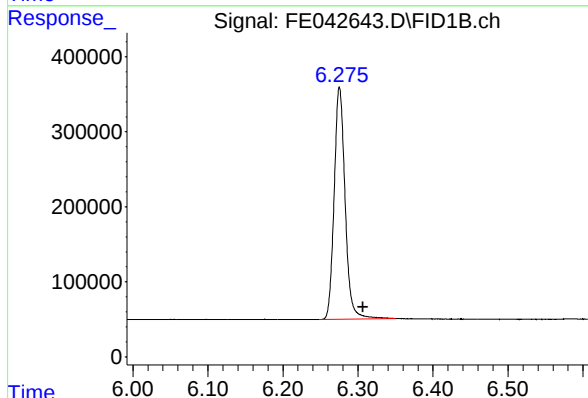
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023



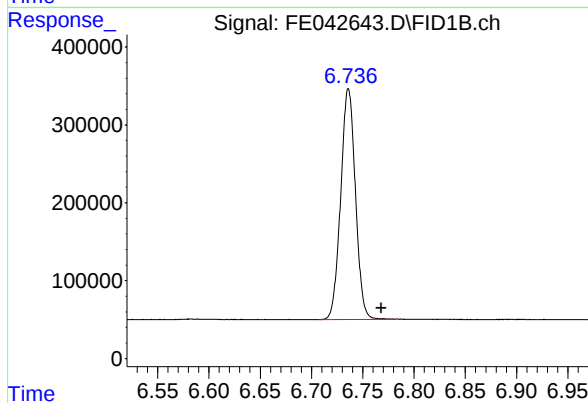
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.032 min
Response: 2916041
Conc: 19.70 ug/ml



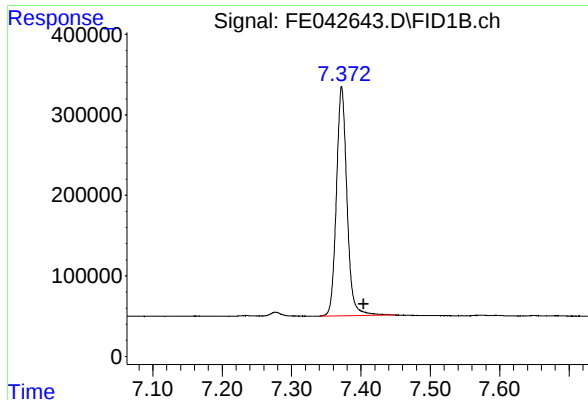
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.031 min
Response: 3145639
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: -0.032 min
Response: 2963070
Conc: 19.76 ug/ml



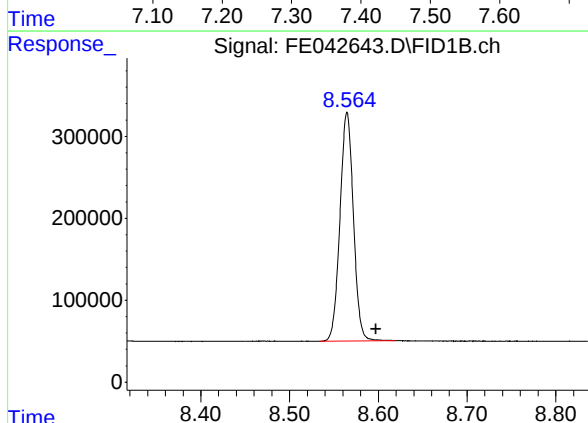
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.031 min
Response: 3017307
Conc: 19.01 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

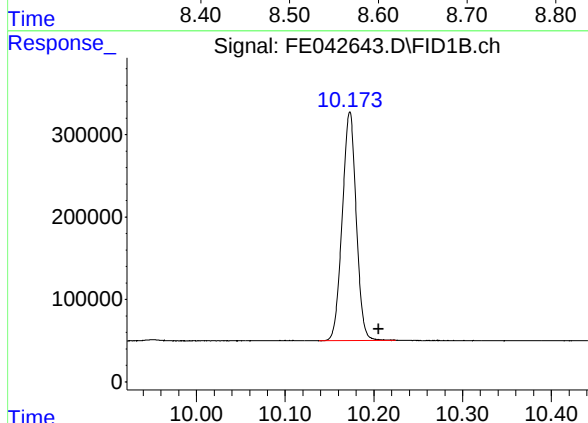
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023



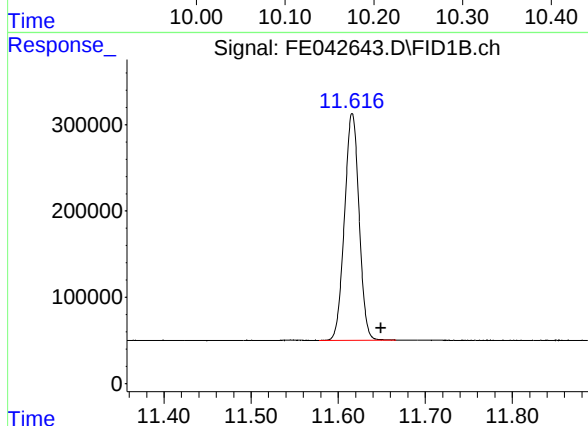
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.032 min
Response: 2940365
Conc: 19.63 ug/ml



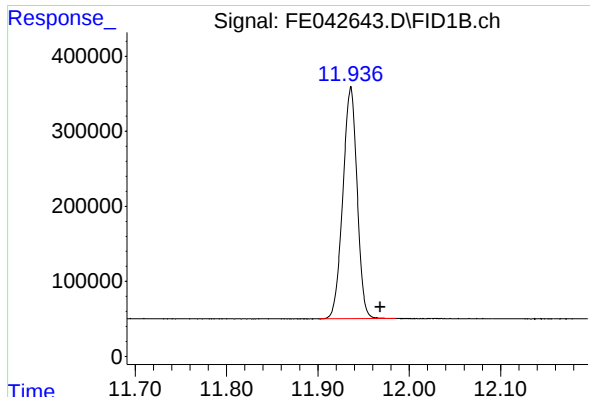
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.032 min
Response: 3038184
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.033 min
Response: 3057641
Conc: 19.34 ug/ml



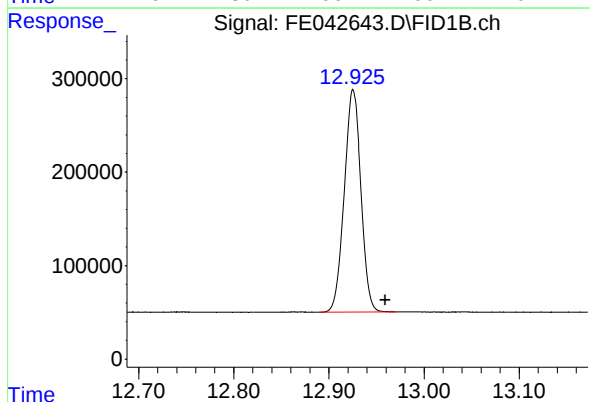
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.032 min
Response: 3353320
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

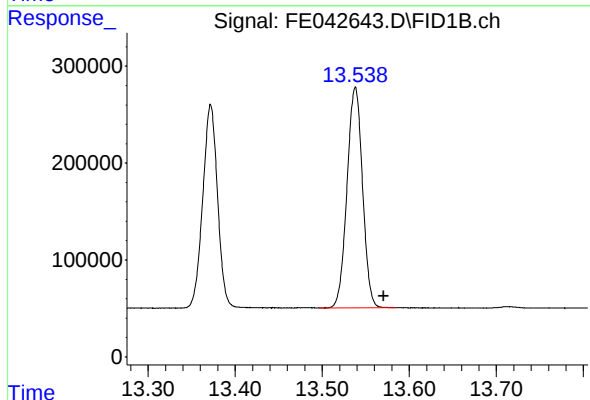
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023



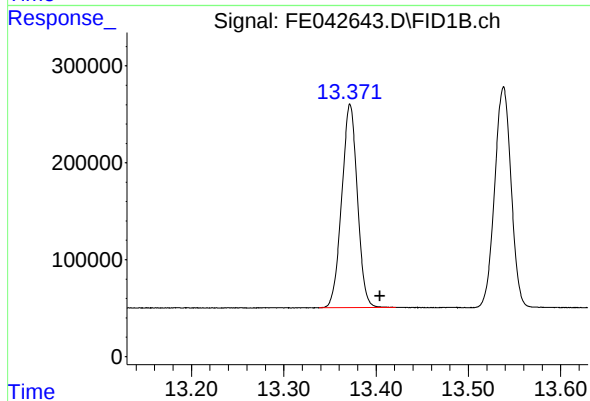
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.034 min
Response: 2897341
Conc: 19.11 ug/ml



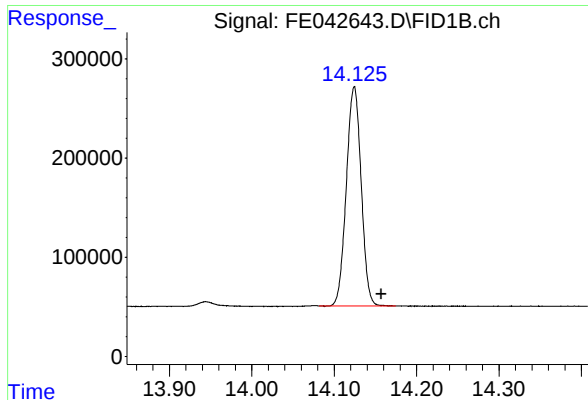
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.033 min
Response: 2817179
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.032 min
Response: 2476584
Conc: 18.64 ug/ml



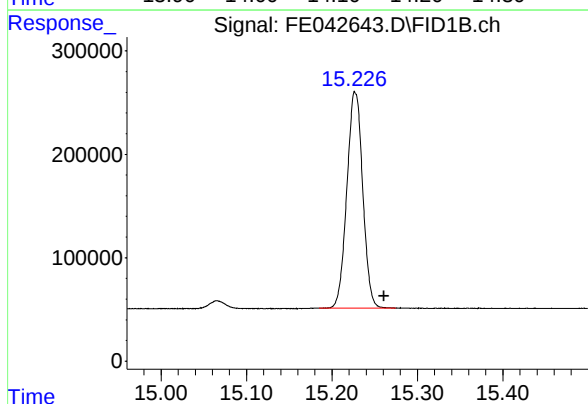
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.033 min
Response: 2764377
Conc: 18.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

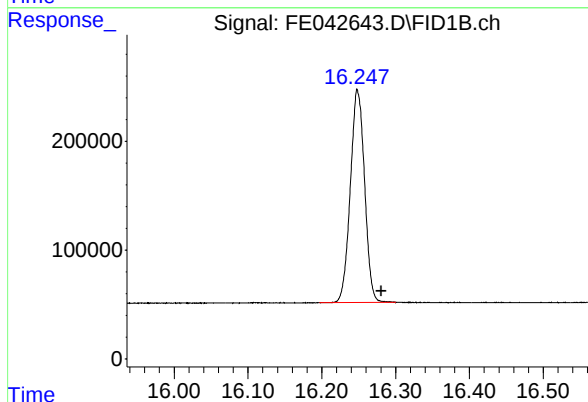
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023



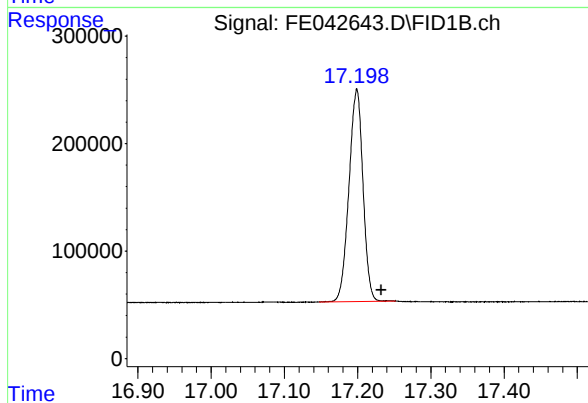
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.034 min
Response: 2693628
Conc: 18.66 ug/ml



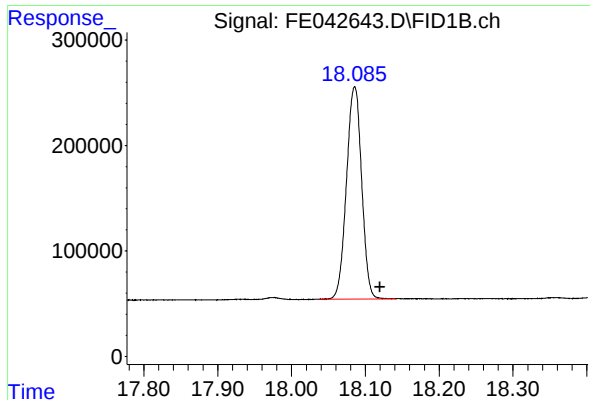
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.033 min
Response: 2627074
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.033 min
Response: 2632498
Conc: 19.66 ug/ml



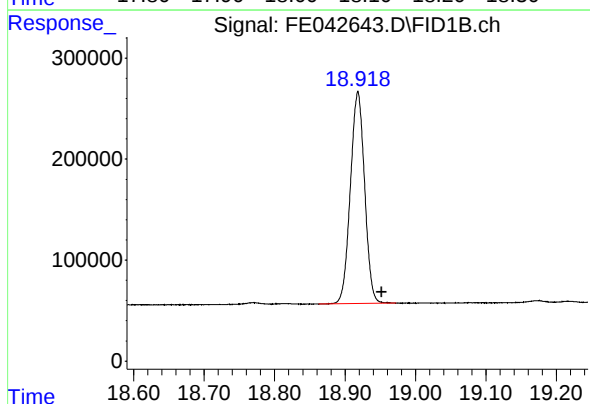
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.034 min
Response: 2874465
Conc: 21.29 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

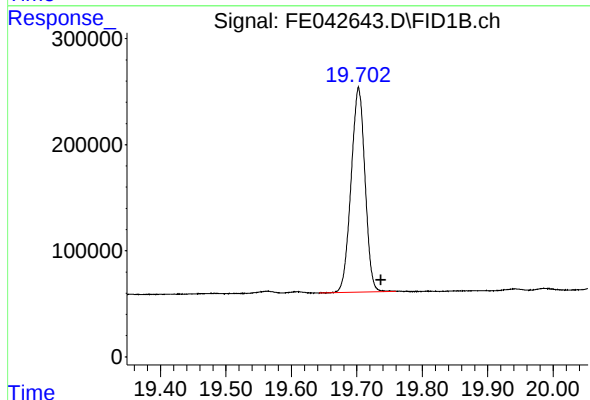
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023



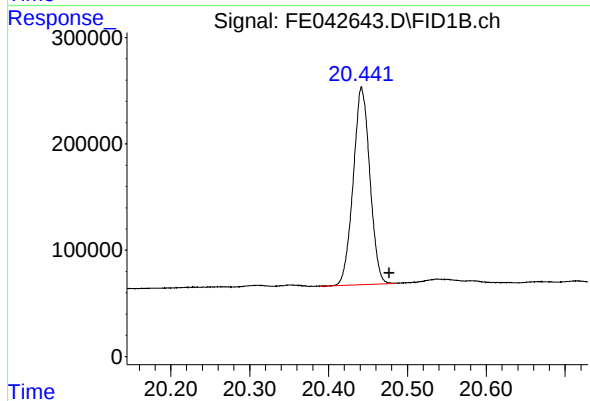
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.034 min
Response: 2947483
Conc: 22.06 ug/ml



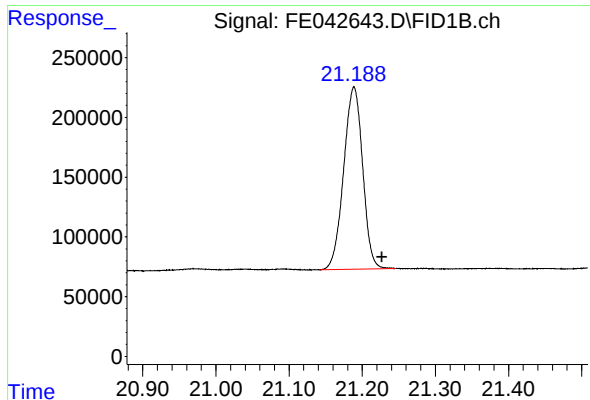
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.034 min
Response: 2845102
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.035 min
Response: 2713074
Conc: 20.87 ug/ml



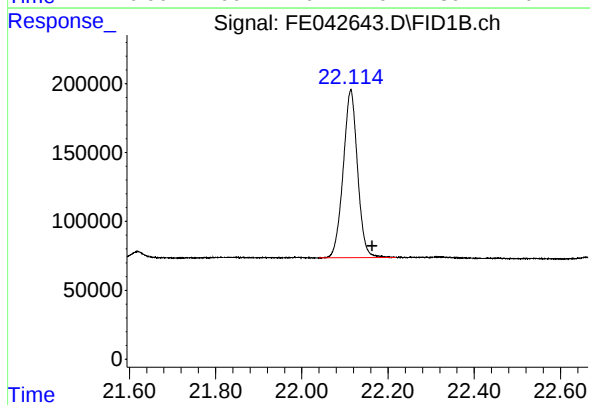
#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.039 min
Response: 2753810
Conc: 20.30 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :Ankita Jodhani 06/16/2023



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.049 min
Response: 2816843
Conc: 20.25 ug/ml