

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112322AL\
 Data File : FE038924.D
 Signal(s) : FID1B.ch
 Acq On : 23 Nov 2022 11:42
 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 11/25/2022
 Supervised By :Ankita Jodhani 11/25/2022

Integration File: autoint1.e
 Quant Time: Nov 24 14:47:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\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)	11.952	2898165	18.526 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	13.386	2186598	18.110 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.348	2586434	18.247 ug/ml
2) T n-Decane (C10)	4.597	2549385	18.291 ug/ml
3) T A~Naphthalene (C11.7)	6.299	2910517	18.299 ug/ml
4) T n-Dodecane (C12)	6.760	2573300	18.256 ug/ml
5) T A~2-methylnaphthalene...	7.393	2742202	18.322 ug/ml
6) T n-Tetradecane (C14)	8.585	2654177	18.584 ug/ml
7) T n-Hexadecane (C16)	10.192	2712952	18.555 ug/ml
8) T n-Octadecane (C18)	11.633	2735755	18.592 ug/ml
10) T n-Eicosane (C20)	12.941	2641884	18.610 ug/ml
11) T n-Heneicosane (C21)	13.554	2640851	18.585 ug/ml
13) T n-Docosane (C22)	14.139	2610400	18.674 ug/ml
14) T n-Tetracosane (C24)	15.241	2555610	18.505 ug/ml
15) T n-Hexacosane (C26)	16.261	2495711	18.581 ug/ml
16) T n-Octacosane (C28)	17.211	2493768	18.779 ug/ml
17) T n-Tricontane (C30)	18.098	2511649	19.019 ug/ml
18) T n-Dotriacontane (C32)	18.929	2543470	19.071 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2474527	18.701 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2365060	18.409 ug/ml
21) T n-Octatriacontane (C38)	21.193	2398742	18.306 ug/mlm
22) T n-Tetracontane (C40)	22.115	2369325	17.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112322AL\
Data File : FE038924.D
Signal(s) : FID1B.ch
Acq On : 23 Nov 2022 11:42
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

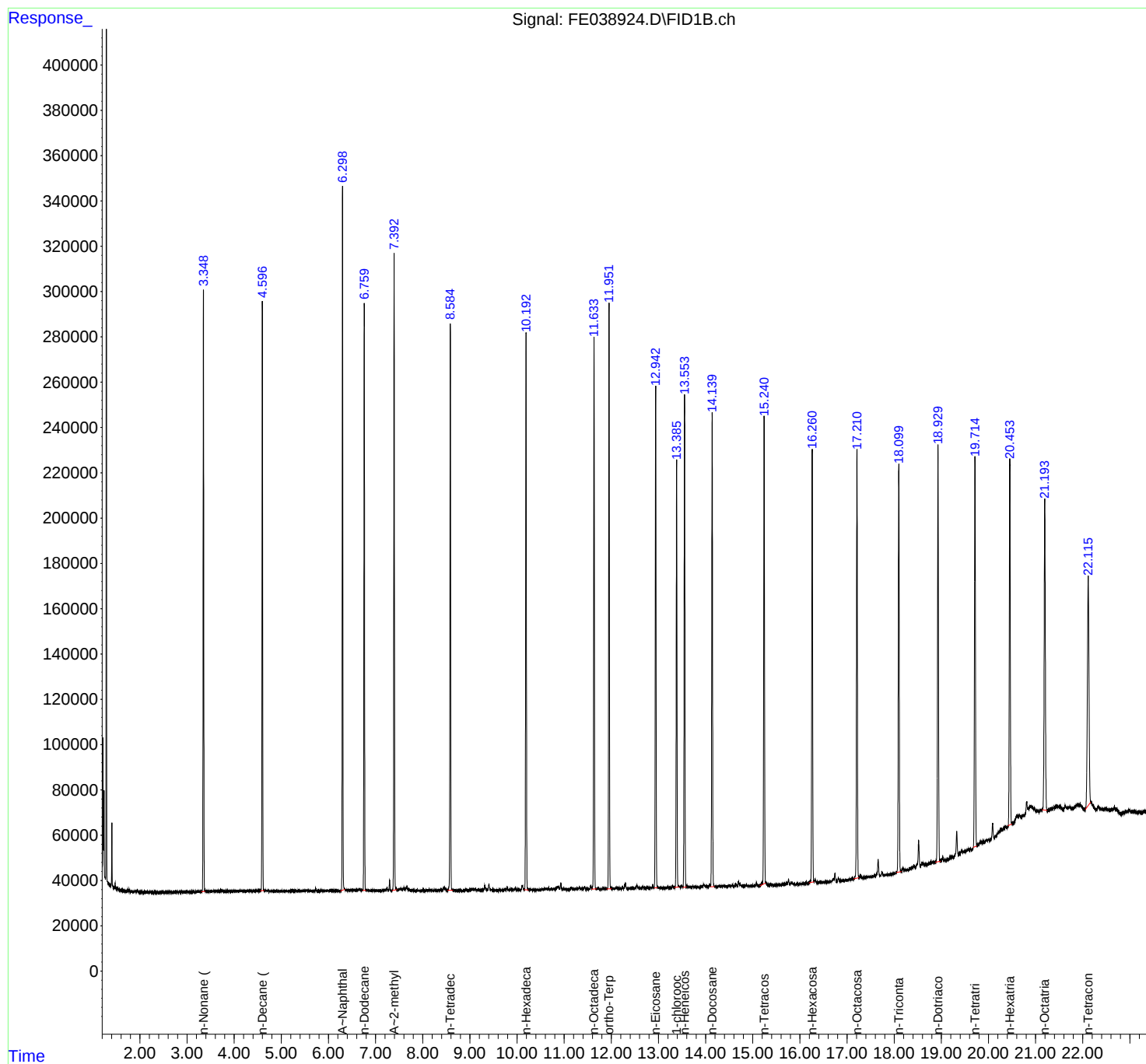
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

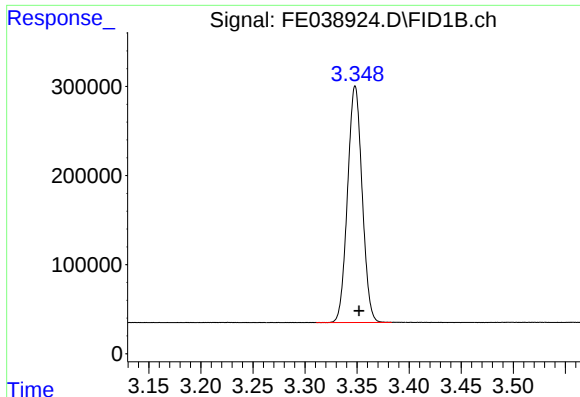
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022

Integration File: autoint1.e
Quant Time: Nov 24 14:47:20 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\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





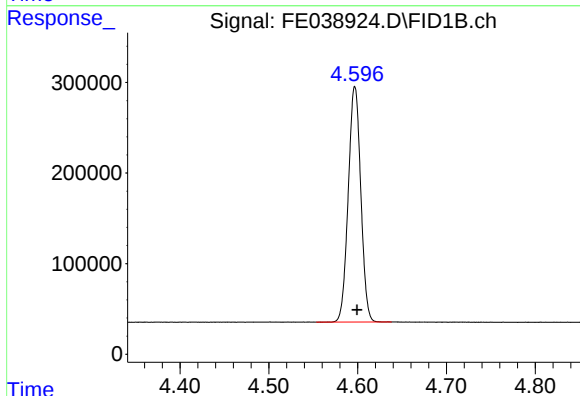
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2586434
Conc: 18.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

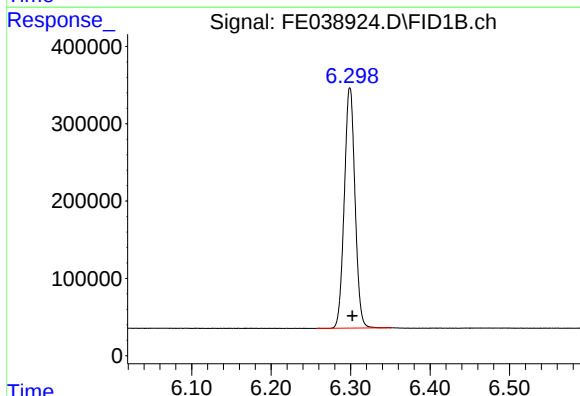
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022



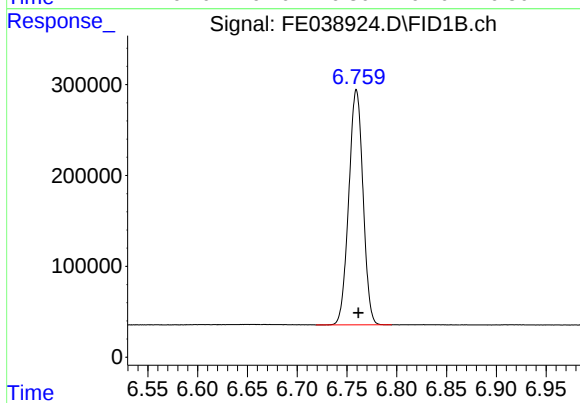
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 2549385
Conc: 18.29 ug/ml



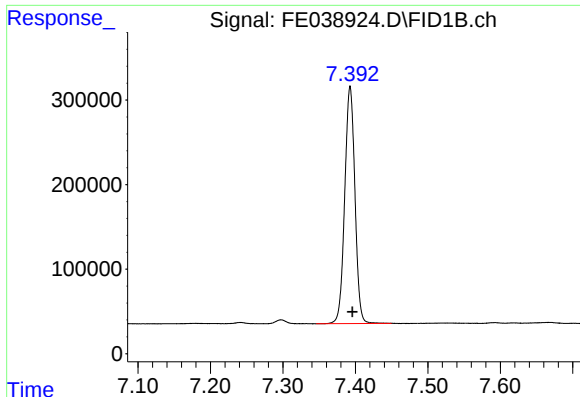
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 2910517
Conc: 18.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 2573300
Conc: 18.26 ug/ml



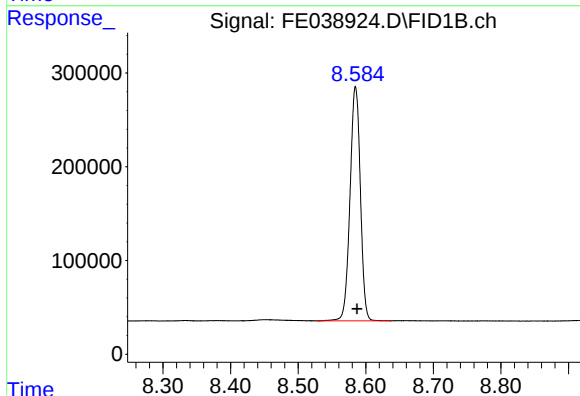
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2742202
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

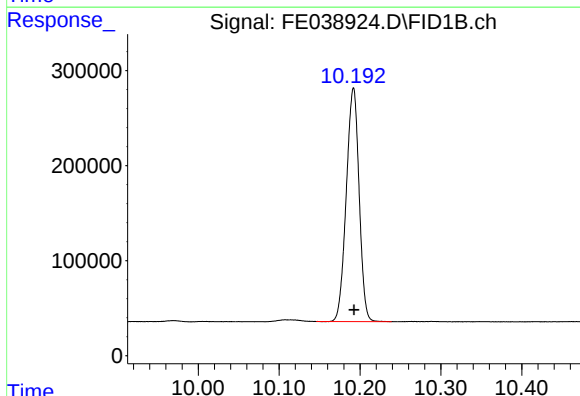
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022



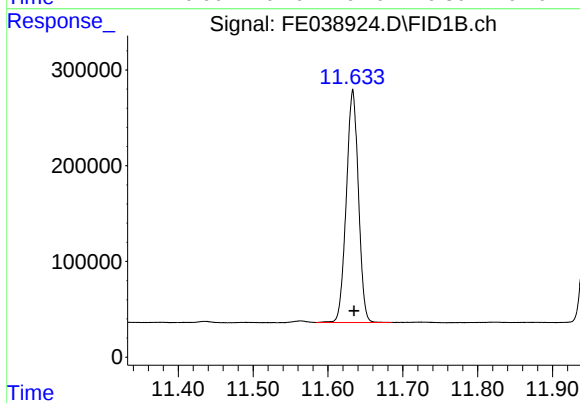
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2654177
Conc: 18.58 ug/ml



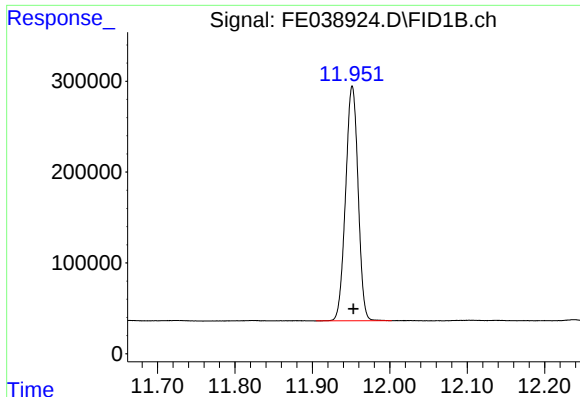
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.000 min
Response: 2712952
Conc: 18.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2735755
Conc: 18.59 ug/ml



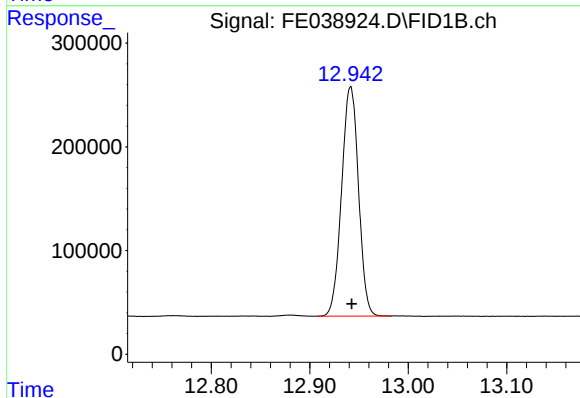
#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.002 min
Response: 2898165
Conc: 18.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

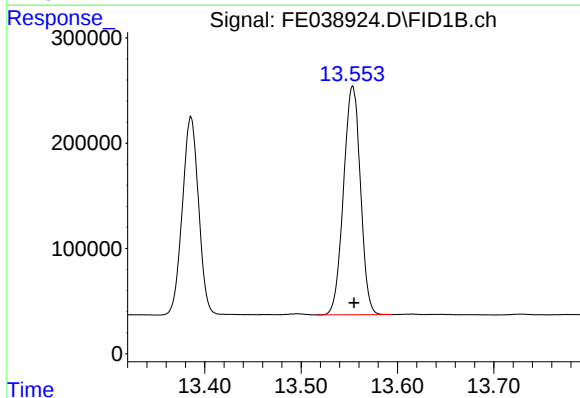
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022



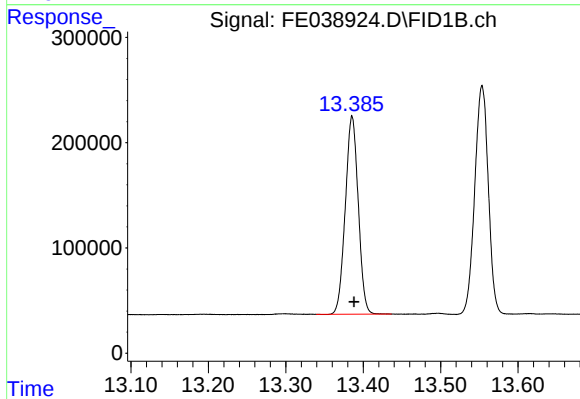
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.001 min
Response: 2641884
Conc: 18.61 ug/ml



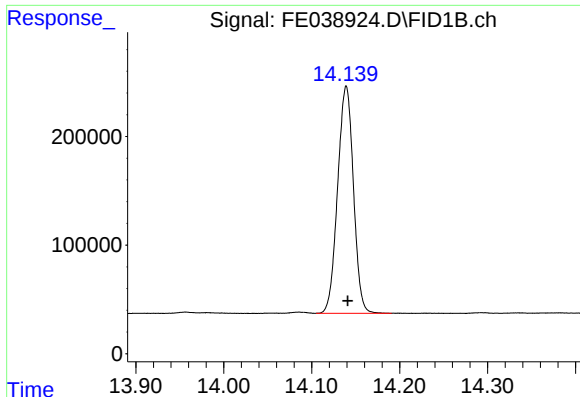
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.001 min
Response: 2640851
Conc: 18.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2186598
Conc: 18.11 ug/ml



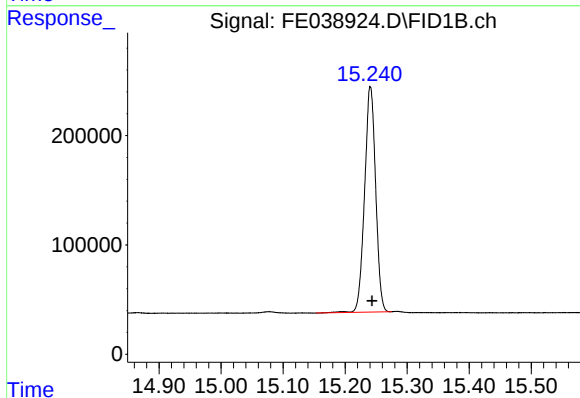
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.002 min
Response: 2610400
Conc: 18.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

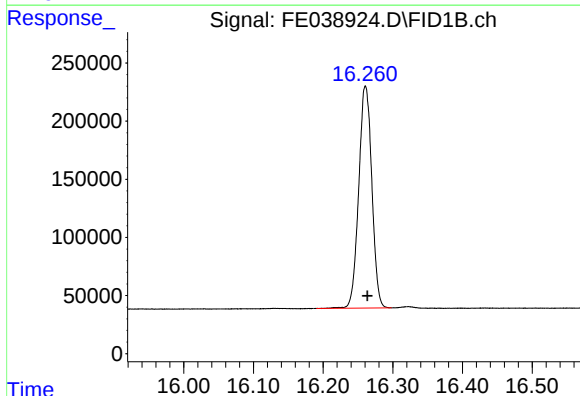
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022



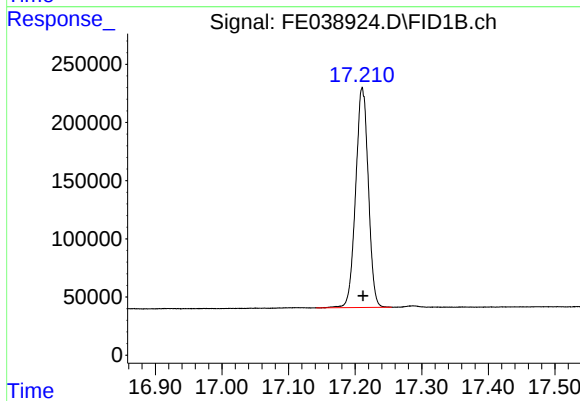
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.003 min
Response: 2555610
Conc: 18.50 ug/ml



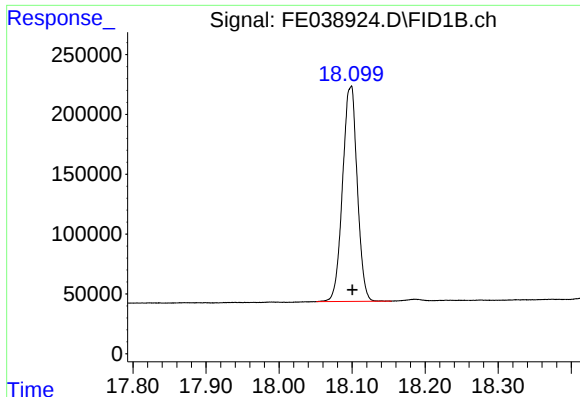
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.003 min
Response: 2495711
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.001 min
Response: 2493768
Conc: 18.78 ug/ml



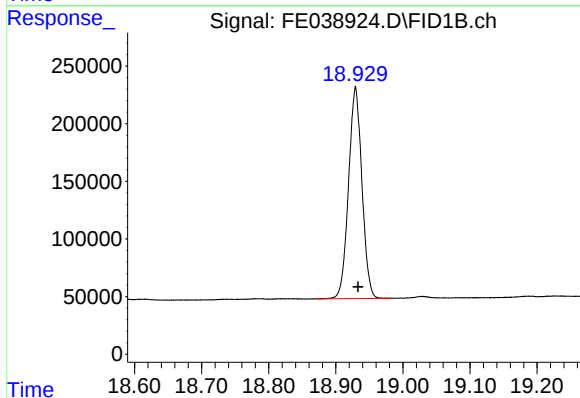
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 2511649
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

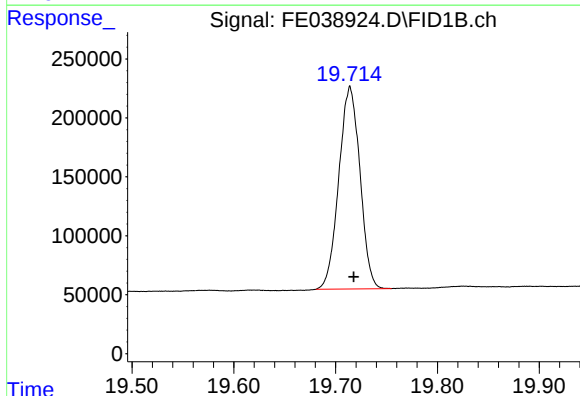
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022



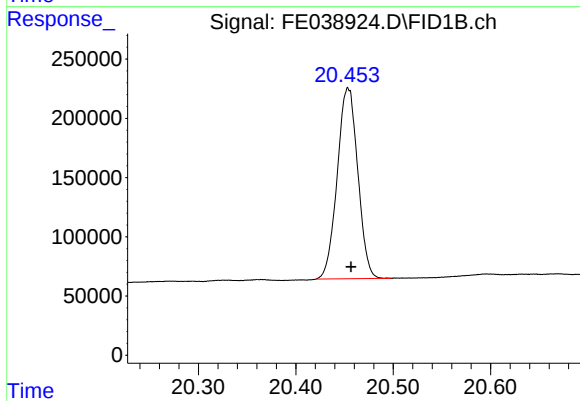
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.004 min
Response: 2543470
Conc: 19.07 ug/ml



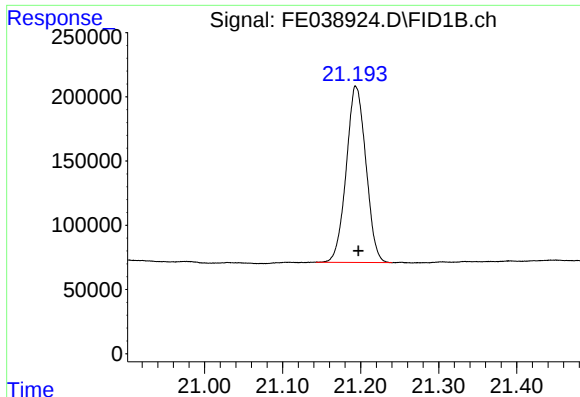
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 2474527
Conc: 18.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 2365060
Conc: 18.41 ug/ml



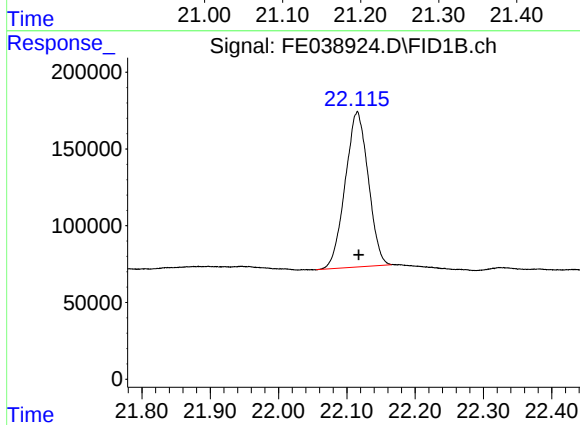
#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.004 min
Response: 2398742
Conc: 18.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2022
Supervised By :Ankita Jodhani 11/25/2022



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.002 min
Response: 2369325
Conc: 17.40 ug/ml m