

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038772.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 13:39
 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 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:01:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.964	2788841	16.207 ug/ml
Spiked Amount 50.000		Recovery =	32.41%
12) S 1-chlorooctadecane (S...	13.397	2164548	15.811 ug/ml
Spiked Amount 50.000		Recovery =	31.62%
Target Compounds			
1) T n-Nonane (C9)	3.355	2632914	17.095 ug/ml
2) T n-Decane (C10)	4.604	2705450	17.430 ug/ml
3) T A~Naphthalene (C11.7)	6.310	2902473	17.139 ug/ml
4) T n-Dodecane (C12)	6.768	2697028	17.265 ug/ml
5) T A~2-methylnaphthalene...	7.404	2826223	16.864 ug/ml
6) T n-Tetradecane (C14)	8.594	2676132	17.112 ug/ml
7) T n-Hexadecane (C16)	10.201	2677648	16.948 ug/ml
8) T n-Octadecane (C18)	11.643	2662990	16.625 ug/ml
10) T n-Eicosane (C20)	12.953	2617602	16.246 ug/ml
11) T n-Heneicosane (C21)	13.564	2590201	16.035 ug/ml
13) T n-Docosane (C22)	14.150	2578361	15.971 ug/ml
14) T n-Tetracosane (C24)	15.253	2545064	15.867 ug/ml
15) T n-Hexacosane (C26)	16.274	2509711	15.801 ug/ml
16) T n-Octacosane (C28)	17.223	2528251	16.115 ug/ml
17) T n-Tricontane (C30)	18.110	2718928	17.040 ug/mlm
18) T n-Dotriacontane (C32)	18.944	2862123	18.153 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2788652	18.916 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	2851804	19.959 ug/mlm
21) T n-Octatriacontane (C38)	21.212	2808862	20.797 ug/ml
22) T n-Tetracontane (C40)	22.137	2871137	22.745 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
Data File : FE038772.D
Signal(s) : FID1B.ch
Acq On : 15 Nov 2022 13:39
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 6 Sample Multiplier: 1

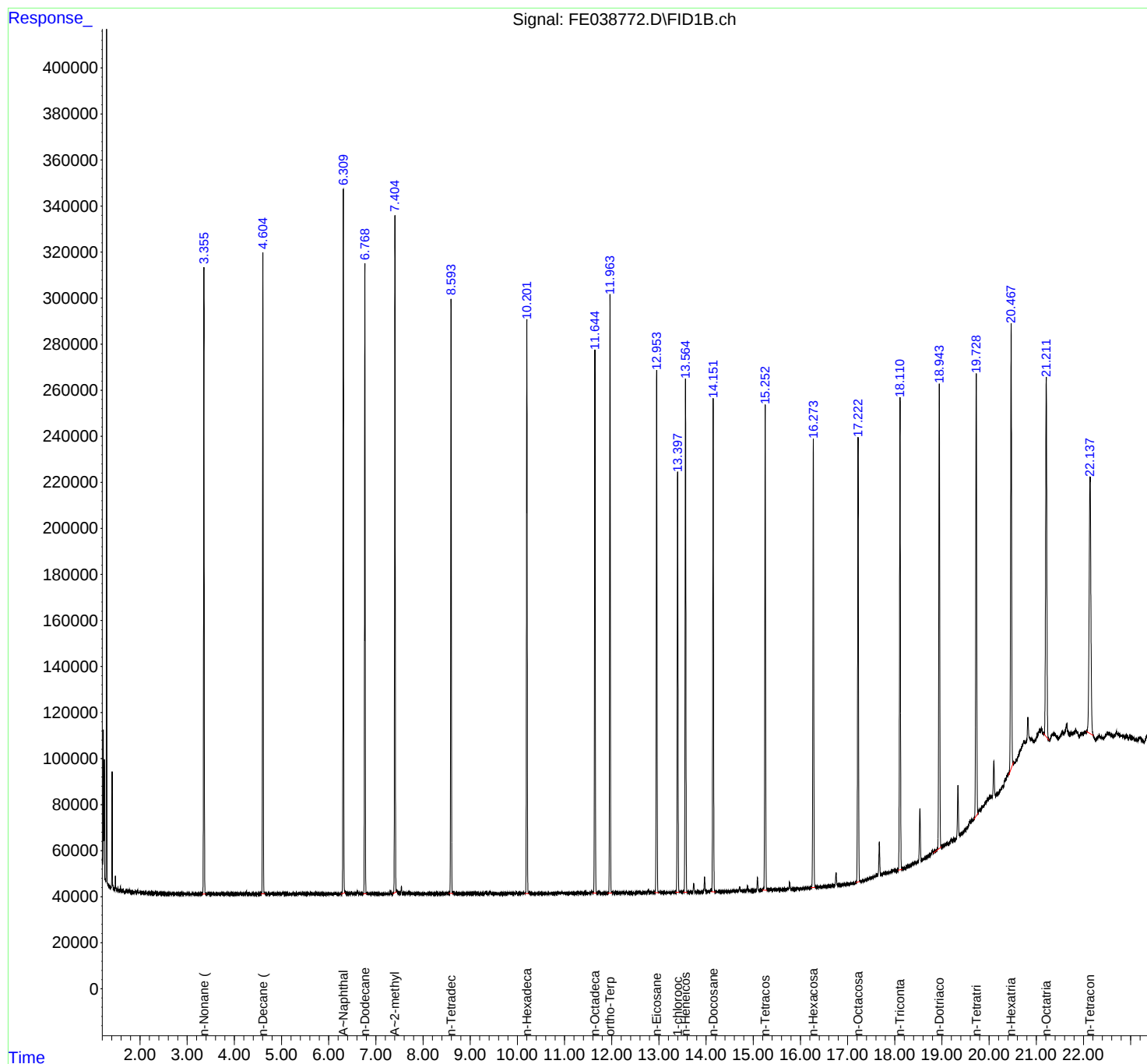
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

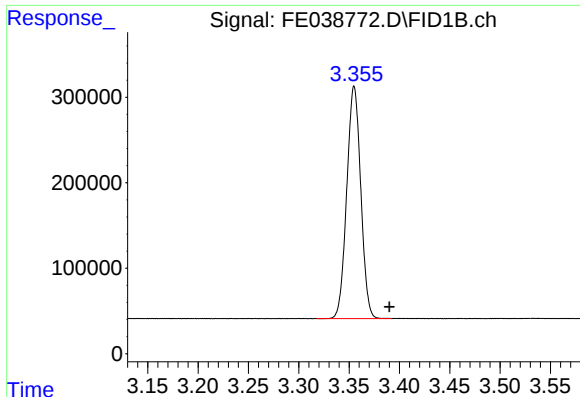
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
Quant Time: Nov 16 04:01:00 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
Quant Title : GC Extractables
QLast Update : Wed Oct 26 04:49:29 2022
Response via : Initial Calibration
Integrator: ChemStation

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





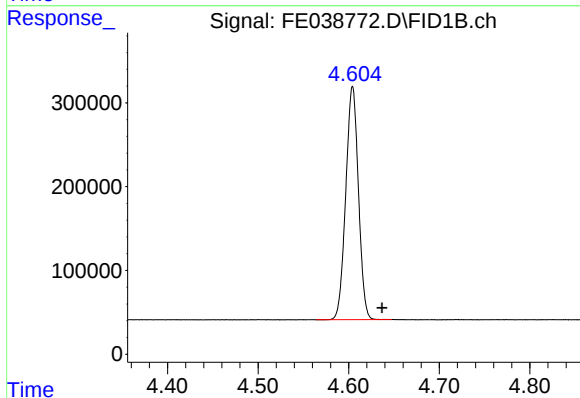
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.035 min
Response: 2632914
Conc: 17.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

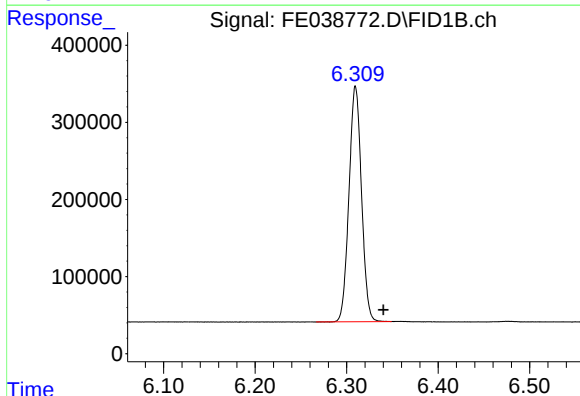
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



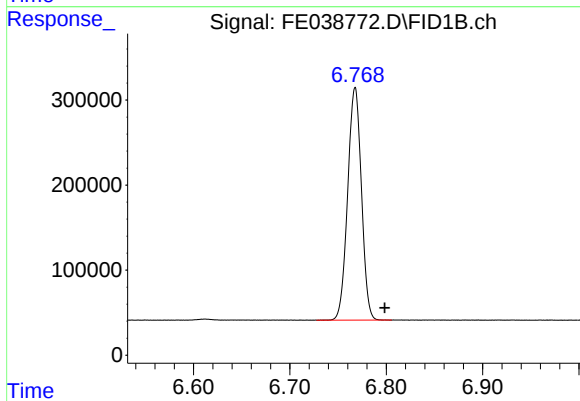
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.032 min
Response: 2705450
Conc: 17.43 ug/ml



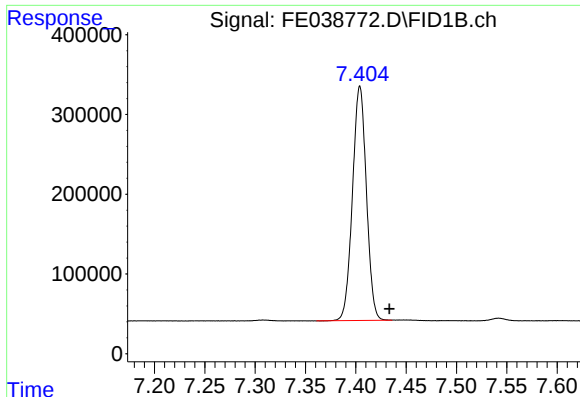
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.030 min
Response: 2902473
Conc: 17.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.031 min
Response: 2697028
Conc: 17.26 ug/ml



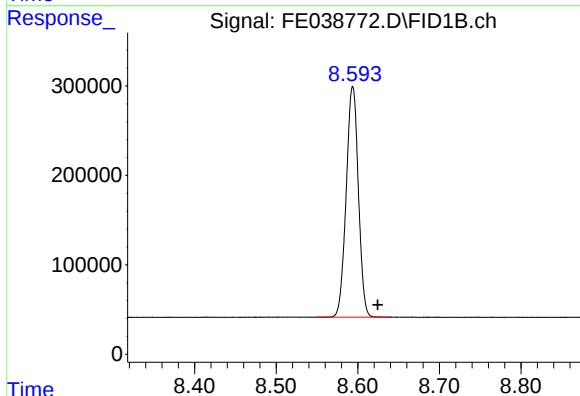
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: -0.029 min
Response: 2826223
Conc: 16.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

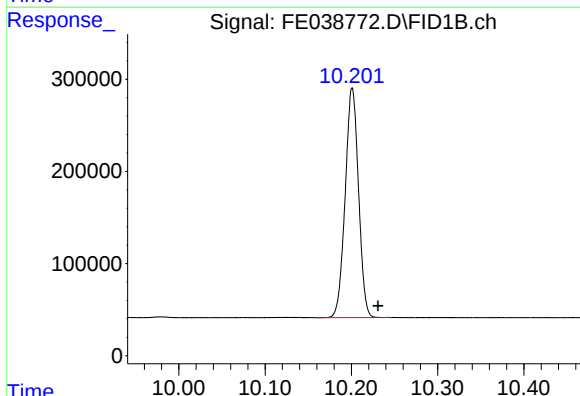
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



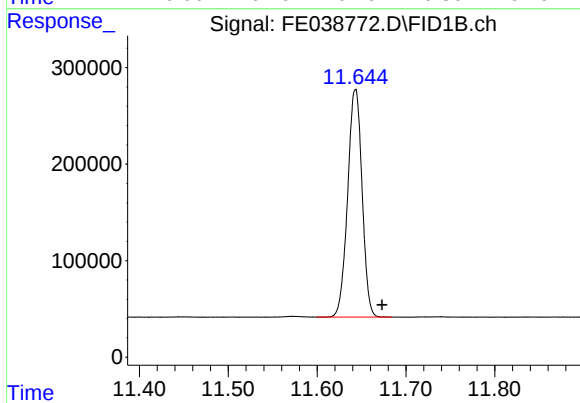
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.030 min
Response: 2676132
Conc: 17.11 ug/ml



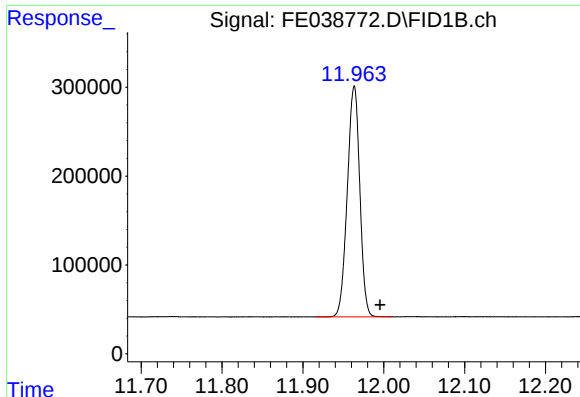
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 2677648
Conc: 16.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.030 min
Response: 2662990
Conc: 16.63 ug/ml



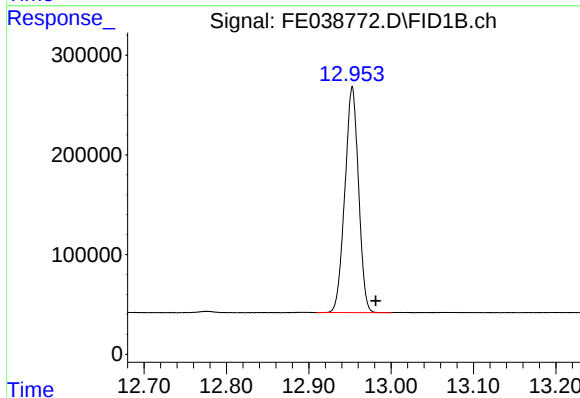
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.032 min
Response: 2788841
Conc: 16.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

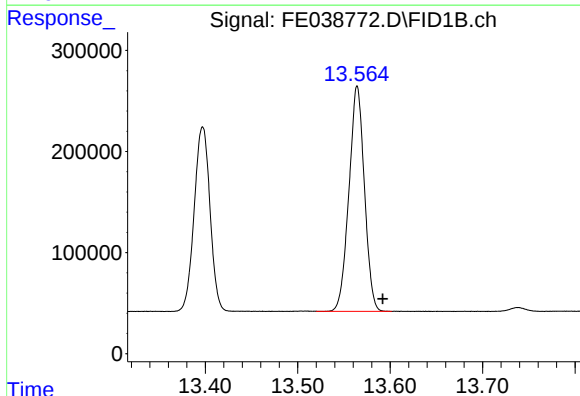
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



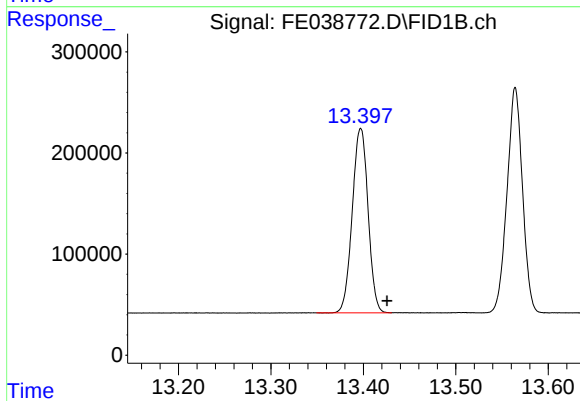
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 2617602
Conc: 16.25 ug/ml



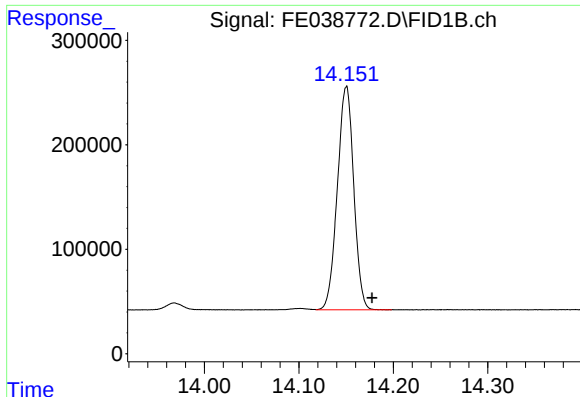
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.028 min
Response: 2590201
Conc: 16.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.028 min
Response: 2164548
Conc: 15.81 ug/ml



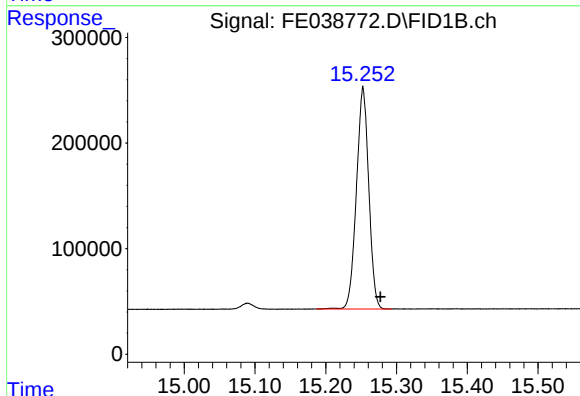
#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: -0.027 min
Response: 2578361
Conc: 15.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

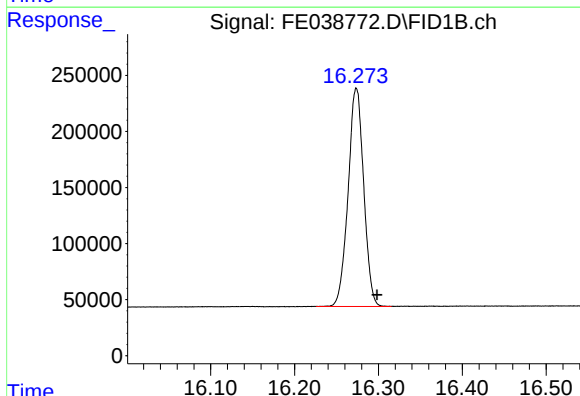
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



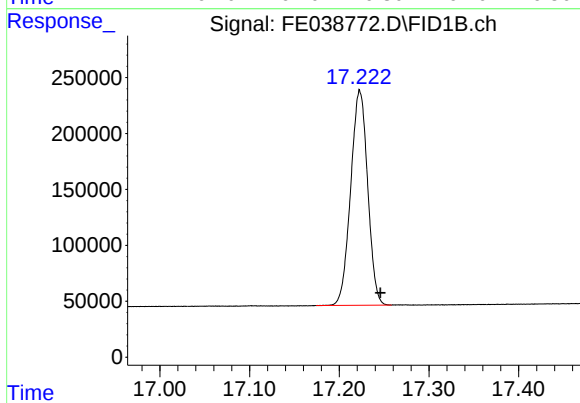
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.025 min
Response: 2545064
Conc: 15.87 ug/ml



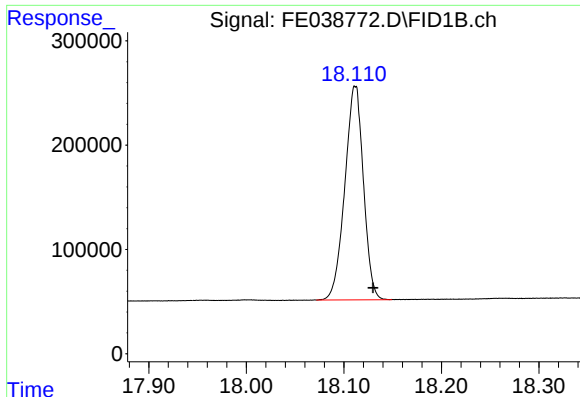
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 2509711
Conc: 15.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.023 min
Response: 2528251
Conc: 16.11 ug/ml



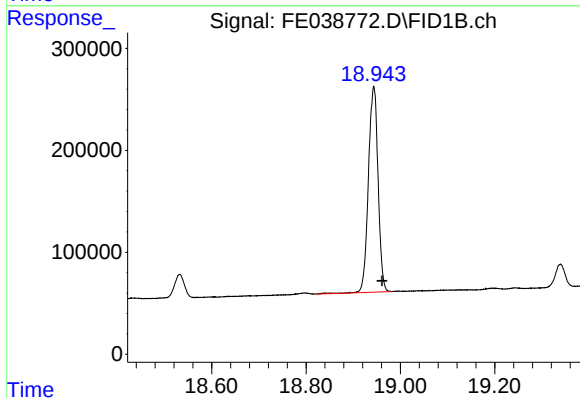
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.019 min
Response: 2718928
Conc: 17.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

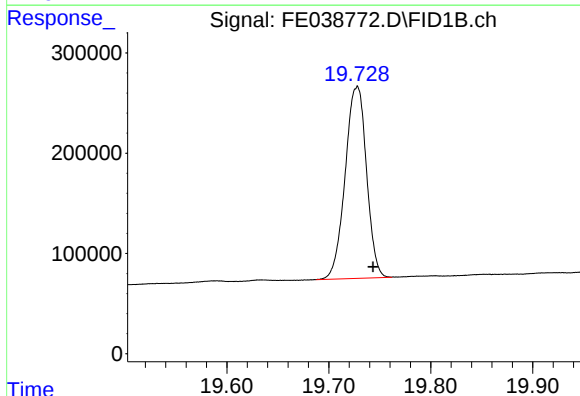
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



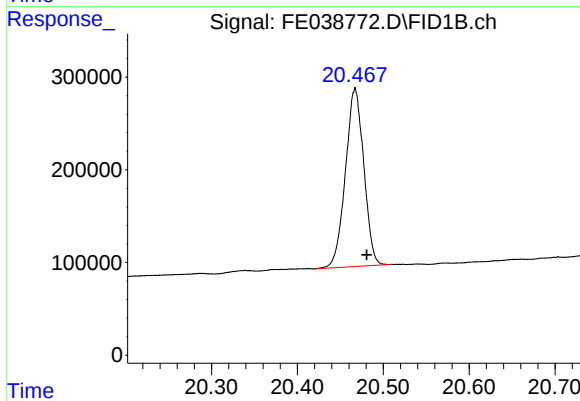
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 2862123
Conc: 18.15 ug/ml



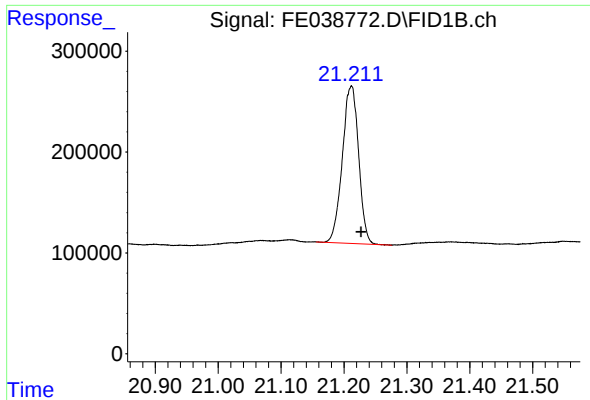
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: -0.016 min
Response: 2788652
Conc: 18.92 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.014 min
Response: 2851804
Conc: 19.96 ug/ml m



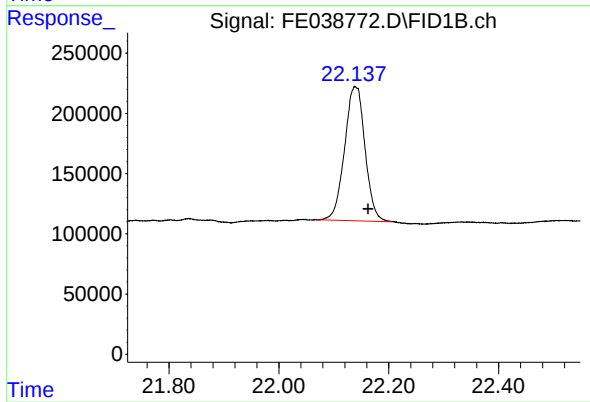
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 2808862
Conc: 20.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.025 min
Response: 2871137
Conc: 22.75 ug/ml m