

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090523AL\
 Data File : FE044114.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2023 09:10
 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

09/05/2023
 Supervised By :Ankita
 Jodhani

09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 05 14:00:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.940	4353892	22.982 ug/ml
Spiked Amount 50.000		Recovery =	45.96%
12) S 1-chlorooctadecane (S...	13.378	3208450	23.225 ug/ml
Spiked Amount 50.000		Recovery =	46.45%
Target Compounds			
1) T n-Nonane (C9)	3.324	3612311	22.143 ug/ml
2) T n-Decane (C10)	4.575	3671653	22.090 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3988129	22.271 ug/ml
4) T n-Dodecane (C12)	6.740	3728809	22.172 ug/ml
5) T A~2-methylnaphthalene...	7.374	3884925	22.661 ug/ml
6) T n-Tetradecane (C14)	8.567	3725155	22.212 ug/ml
7) T n-Hexadecane (C16)	10.177	3786512	21.908 ug/ml
8) T n-Octadecane (C18)	11.623	3788127	21.762 ug/ml
10) T n-Eicosane (C20)	12.933	3647429	22.051 ug/ml
11) T n-Heneicosane (C21)	13.546	3581816	22.144 ug/ml
13) T n-Docosane (C22)	14.132	3529114	22.090 ug/ml
14) T n-Tetracosane (C24)	15.237	3426376	21.911 ug/ml
15) T n-Hexacosane (C26)	16.258	3298238	21.878 ug/ml
16) T n-Octacosane (C28)	17.209	3167509	21.949 ug/ml
17) T n-Tricontane (C30)	18.098	3147926	21.668 ug/ml
18) T n-Dotriacontane (C32)	18.932	3106080	21.805 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3025234	21.618 ug/ml
20) T n-Hexatriacontane (C36)	20.459	3054227	22.278 ug/ml
21) T n-Octatriacontane (C38)	21.205	2947071	21.230 ug/ml
22) T n-Tetracontane (C40)	22.130	3398992	24.584 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090523AL\
Data File : FE044114.D
Signal(s) : FID1B.ch
Acq On : 05 Sep 2023 09:10
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

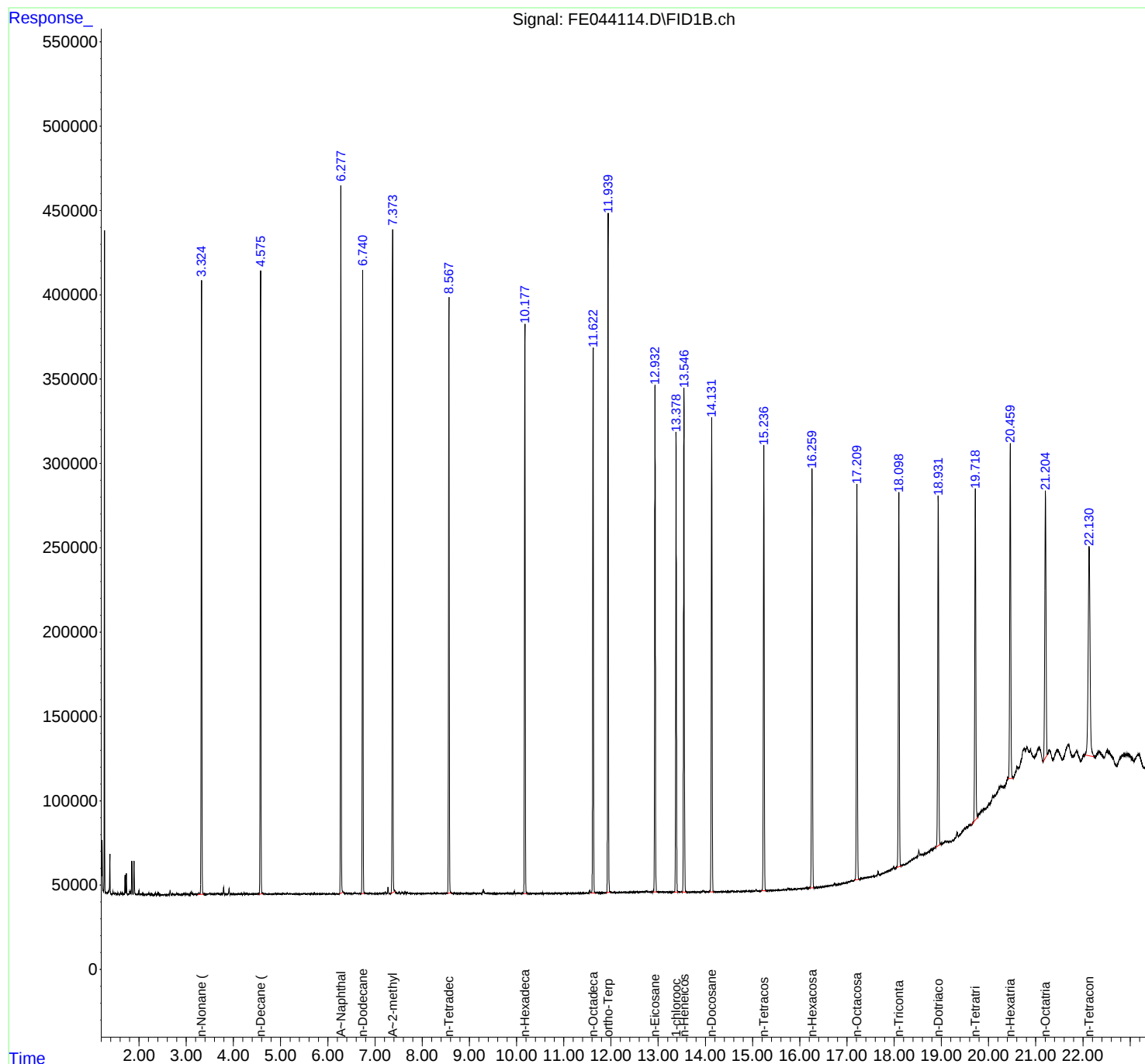
Reviewed By :Yogesh
Patel

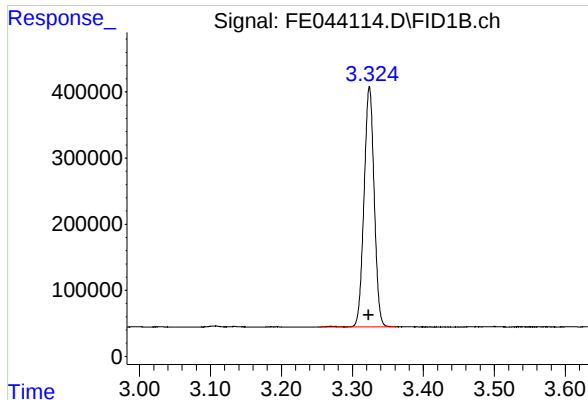
09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023

Integration File: autoint1.e
Quant Time: Sep 05 14:00:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.
Quant Title : GC Extractables
QLast Update : Thu Aug 31 03:37:37 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.: 3.324 min
Delta R.T.: 0.001 min
Response: 3612311
Conc: 22.14 ug/ml

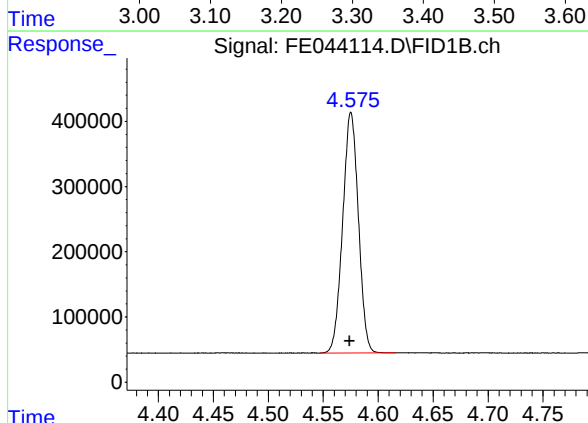
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

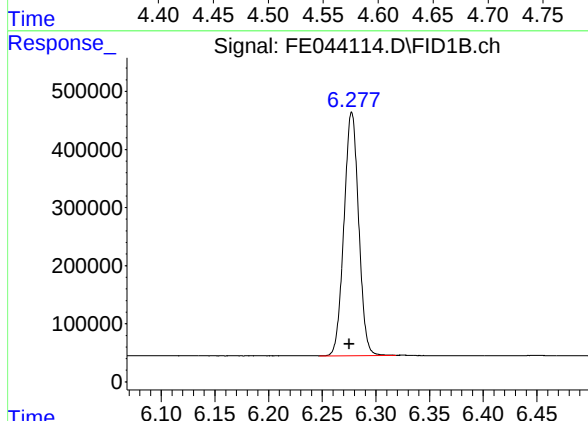
09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023



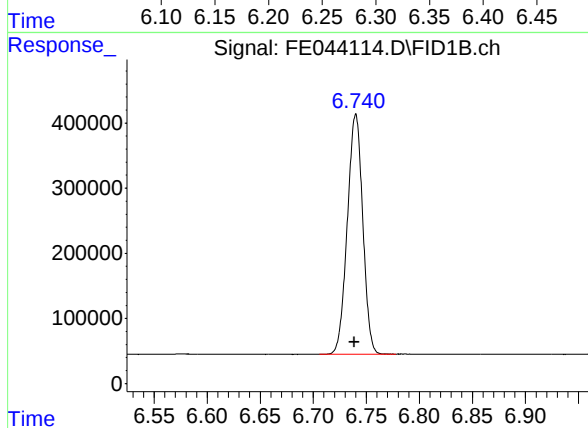
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: 0.001 min
Response: 3671653
Conc: 22.09 ug/ml



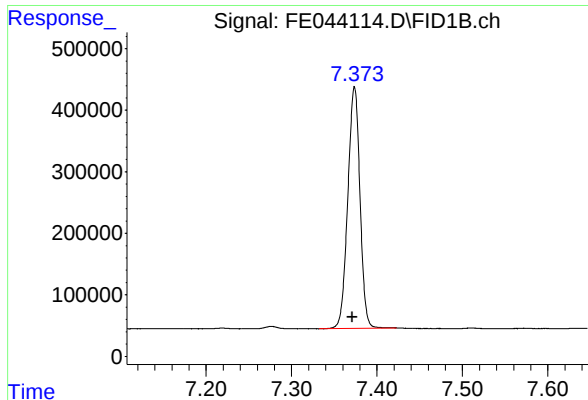
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.002 min
Response: 3988129
Conc: 22.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 3728809
Conc: 22.17 ug/ml



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

R.T.: 7.374 min
Delta R.T.: 0.003 min
Response: 3884925
Conc: 22.66 ug/ml

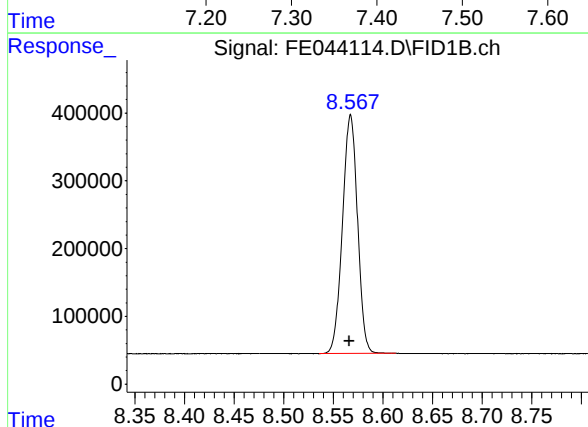
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

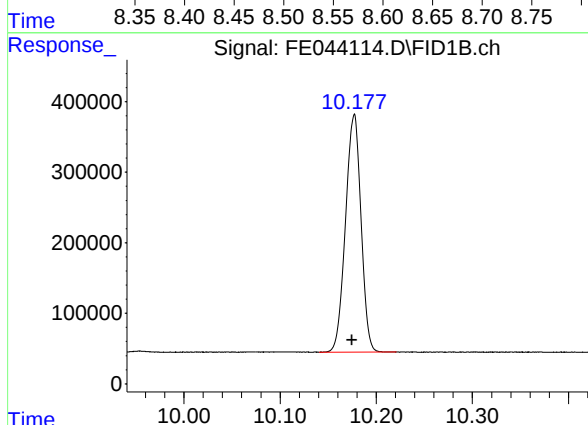
09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023



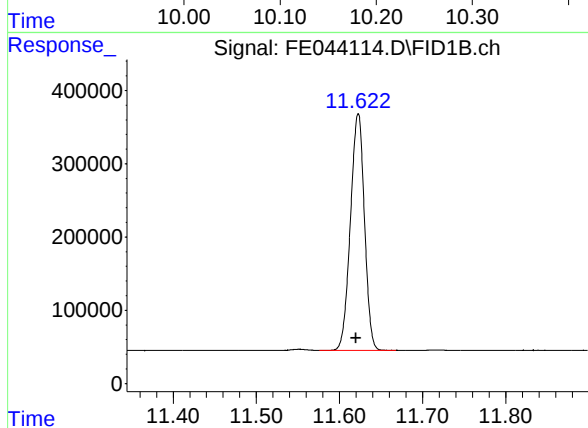
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.001 min
Response: 3725155
Conc: 22.21 ug/ml



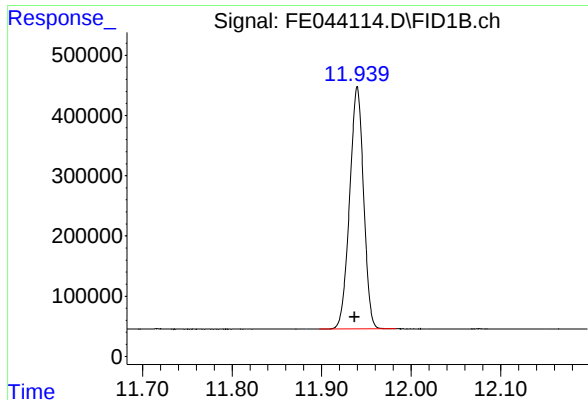
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.002 min
Response: 3786512
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: 0.003 min
Response: 3788127
Conc: 21.76 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: 0.003 min
Response: 4353892
Conc: 22.98 ug/ml

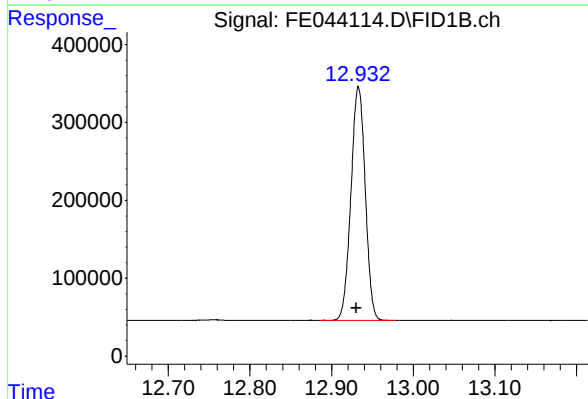
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

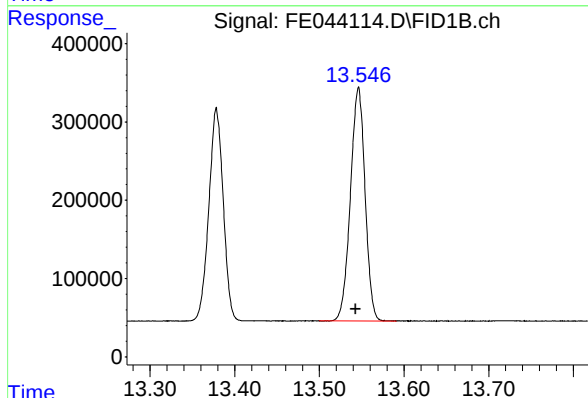
09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023



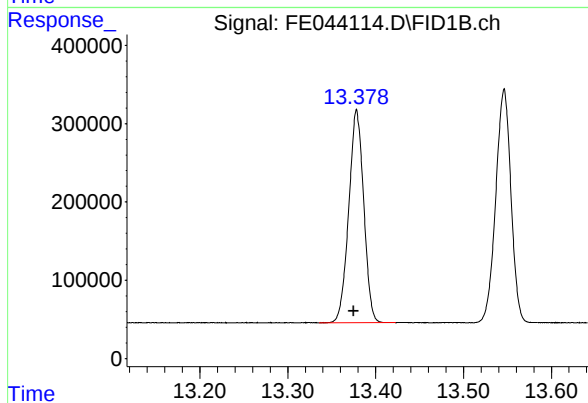
#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: 0.003 min
Response: 3647429
Conc: 22.05 ug/ml



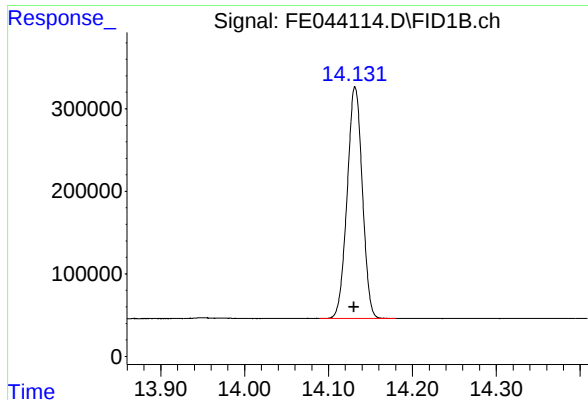
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: 0.003 min
Response: 3581816
Conc: 22.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: 0.003 min
Response: 3208450
Conc: 23.22 ug/ml



#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: 0.002 min
Response: 3529114
Conc: 22.09 ug/ml

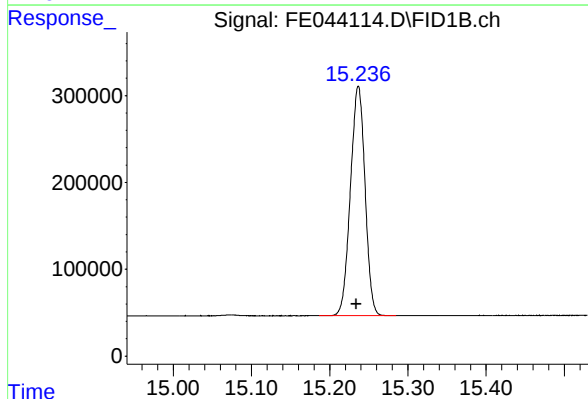
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

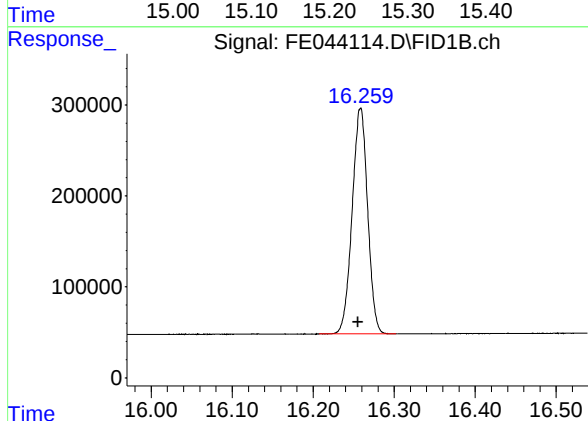
09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023



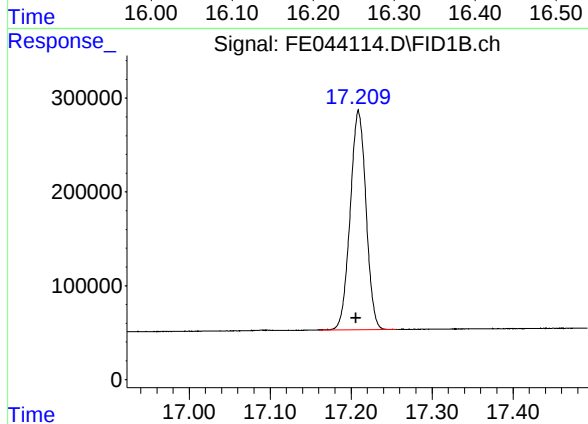
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.003 min
Response: 3426376
Conc: 21.91 ug/ml



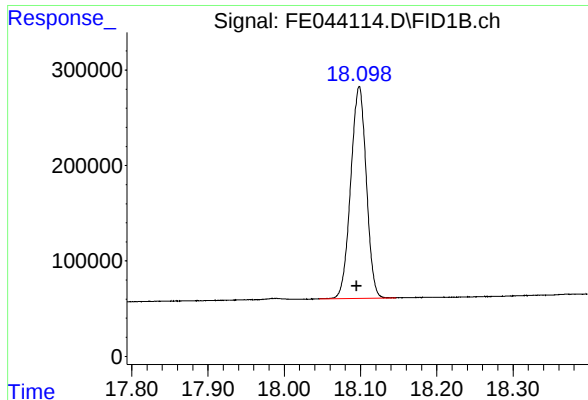
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.003 min
Response: 3298238
Conc: 21.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.003 min
Response: 3167509
Conc: 21.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: 0.004 min
Response: 3147926
Conc: 21.67 ug/ml

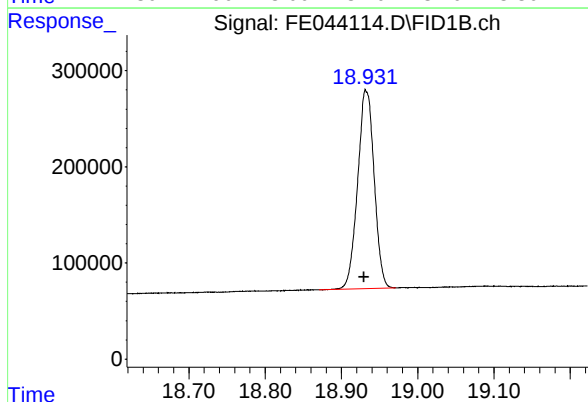
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

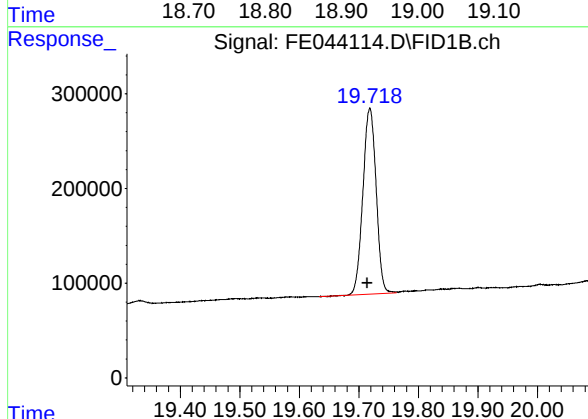
09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023



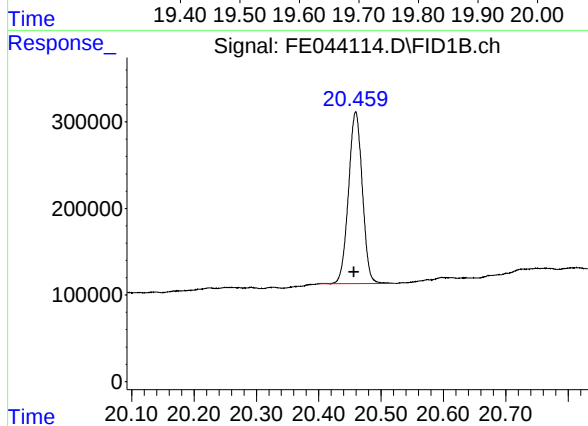
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: 0.003 min
Response: 3106080
Conc: 21.81 ug/ml



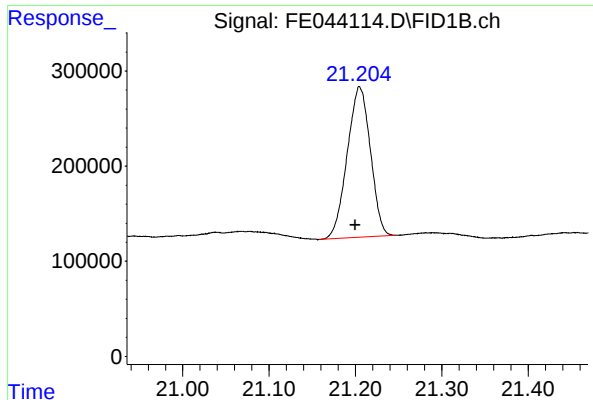
#19 n-Tetatriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.004 min
Response: 3025234
Conc: 21.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: 0.003 min
Response: 3054227
Conc: 22.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: 0.005 min
Response: 2947071
Conc: 21.23 ug/ml

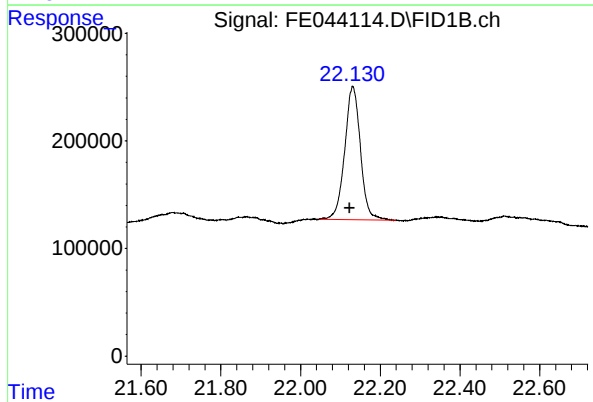
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

09/05/2023
Supervised By :Ankita
Jodhani

09/06/2023



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.006 min
Response: 3398992
Conc: 24.58 ug/ml m