

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091324AL\
 Data File : FE050078.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2024 19:46
 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 09/13/2024
 Supervised By :Ankita Jodhani 09/13/2024

Integration File: autoint1.e
 Quant Time: Sep 13 01:21:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.874	3006702	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
12) S 1-chlorooctadecane (S...	13.309	2287313	20.363 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
Target Compounds			
1) T n-Nonane (C9)	3.263	2696111	19.891 ug/ml
2) T n-Decane (C10)	4.514	2770764	20.076 ug/ml
3) T A~Naphthalene (C11.7)	6.223	2864331	20.464 ug/ml
4) T n-Dodecane (C12)	6.681	2778251	20.091 ug/ml
5) T A~2-methylnaphthalene...	7.318	2682417	20.408 ug/ml
6) T n-Tetradecane (C14)	8.508	2749473	20.191 ug/ml
7) T n-Hexadecane (C16)	10.114	2821624	20.314 ug/ml
8) T n-Octadecane (C18)	11.556	2837480	20.253 ug/ml
10) T n-Eicosane (C20)	12.864	2710378	20.205 ug/ml
11) T n-Heneicosane (C21)	13.474	2657958	20.228 ug/ml
13) T n-Docosane (C22)	14.060	2640018	20.274 ug/ml
14) T n-Tetracosane (C24)	15.161	2638444	20.204 ug/ml
15) T n-Hexacosane (C26)	16.181	2590183	20.245 ug/ml
16) T n-Octacosane (C28)	17.128	2624315	20.374 ug/mlm
17) T n-Tricontane (C30)	18.016	2743075	20.513 ug/ml
18) T n-Dotriacontane (C32)	18.848	2735242	20.526 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2571379	20.811 ug/ml
20) T n-Hexatriacontane (C36)	20.369	2379195	21.444 ug/mlm
21) T n-Octatriacontane (C38)	21.094	2180828	19.775 ug/ml
22) T n-Tetracontane (C40)	21.984	2016023	18.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091324AL\
Data File : FE050078.D
Signal(s) : FID1B.ch
Acq On : 12 Sep 2024 19:46
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

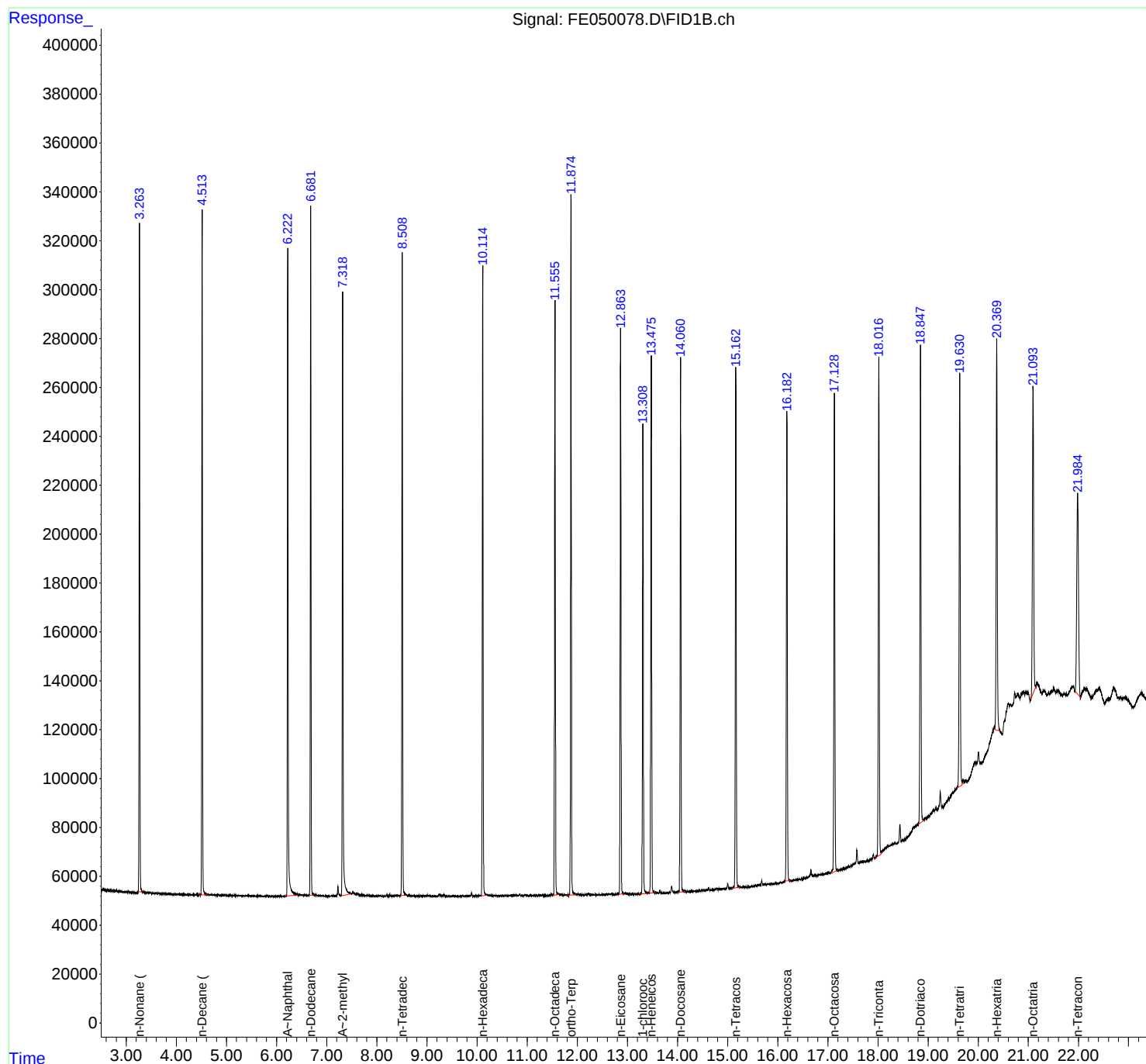
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

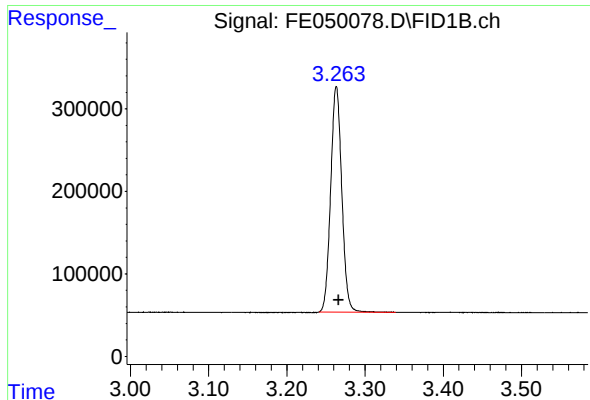
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024

Integration File: autoint1.e
Quant Time: Sep 13 01:21:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

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





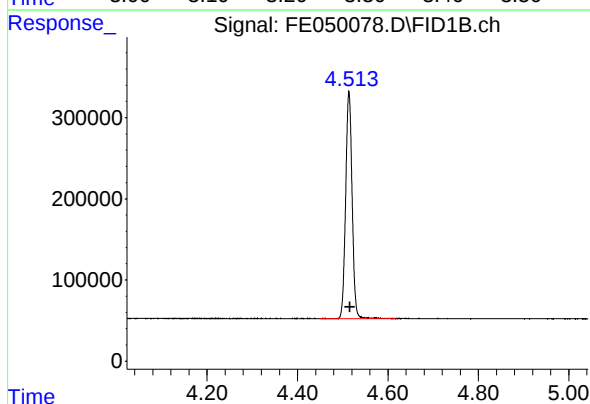
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: -0.003 min
Response: 2696111
Conc: 19.89 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

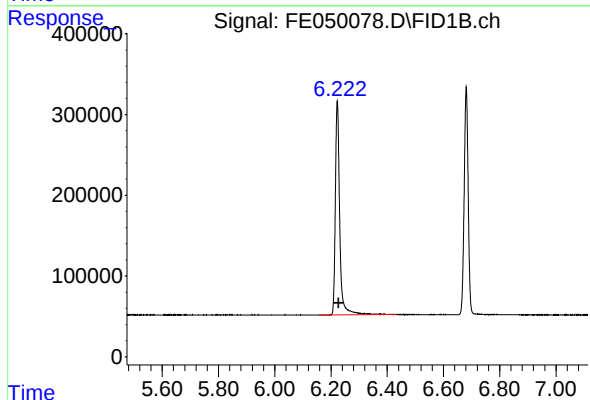
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



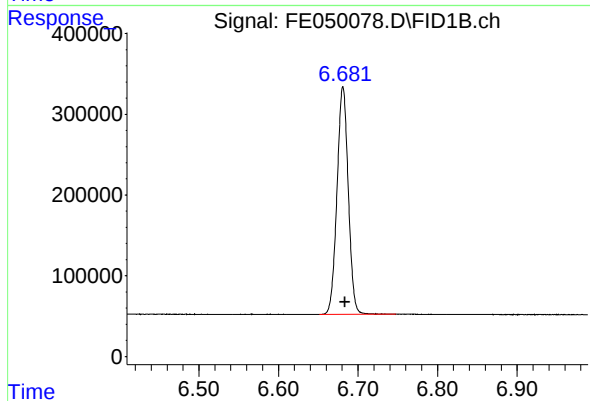
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 2770764
Conc: 20.08 ug/ml



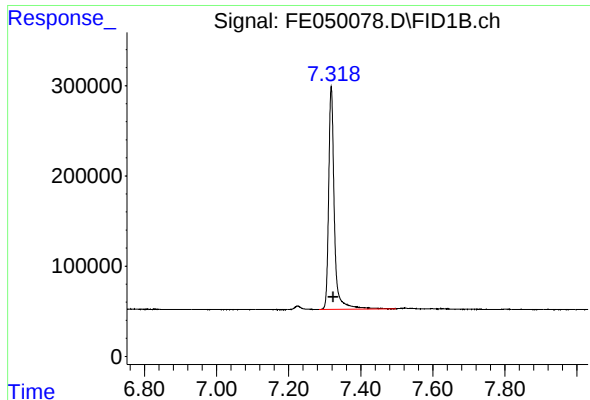
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.004 min
Response: 2864331
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 2778251
Conc: 20.09 ug/ml



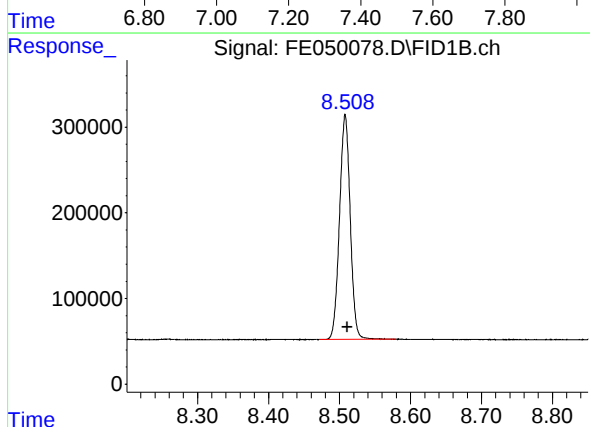
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 2682417
Conc: 20.41 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

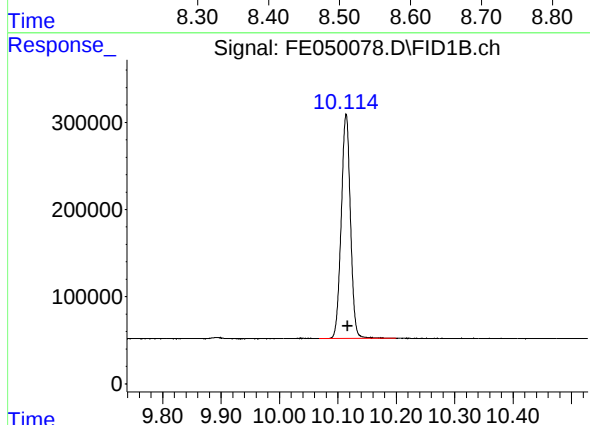
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



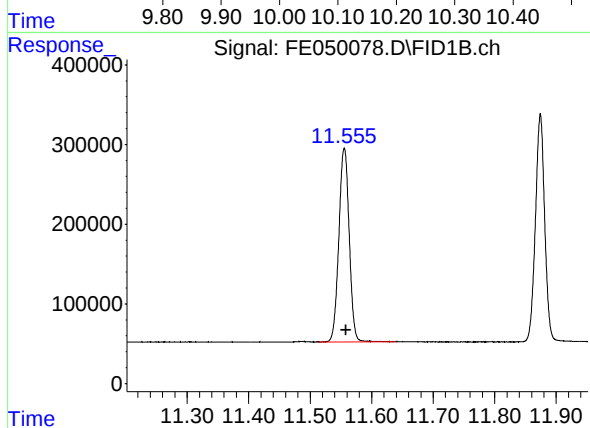
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 2749473
Conc: 20.19 ug/ml



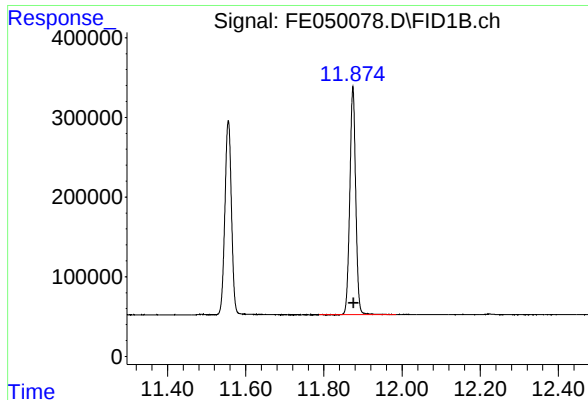
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 2821624
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.003 min
Response: 2837480
Conc: 20.25 ug/ml



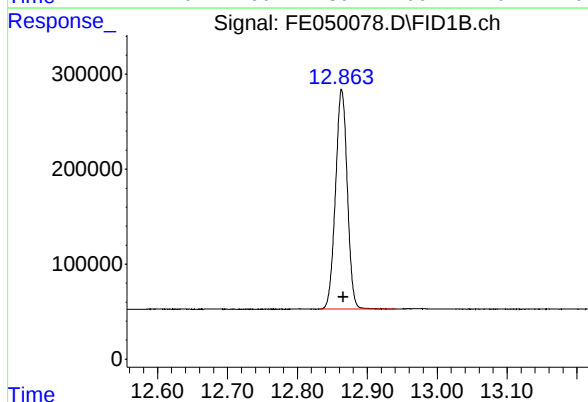
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 3006702
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

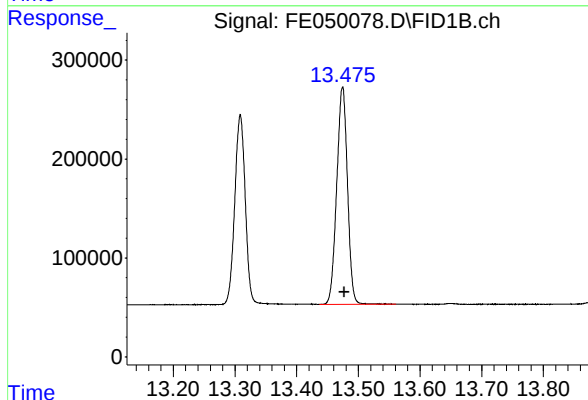
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



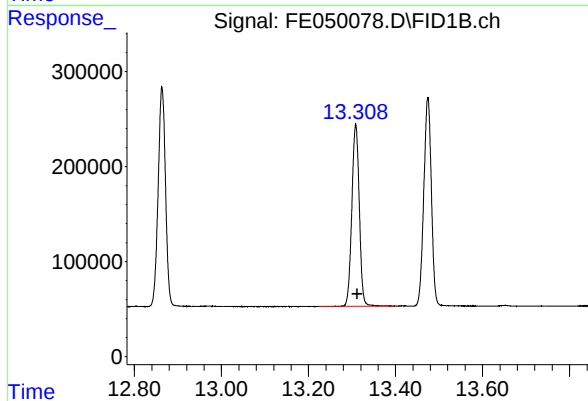
#10 n-Eicosane (C20)

R.T.: 12.864 min
Delta R.T.: -0.002 min
Response: 2710378
Conc: 20.20 ug/ml



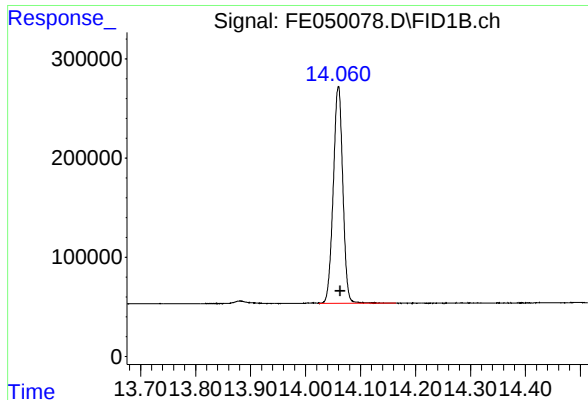
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.003 min
Response: 2657958
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.003 min
Response: 2287313
Conc: 20.36 ug/ml



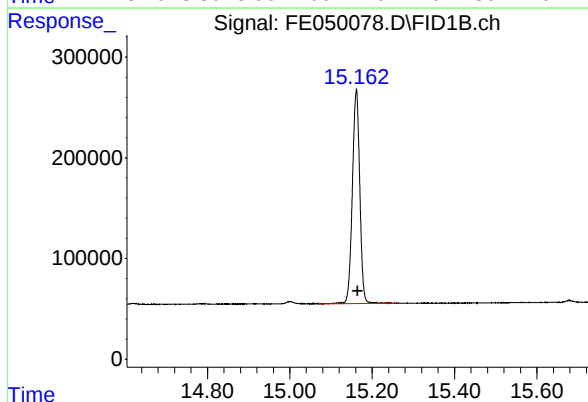
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: -0.003 min
Response: 2640018
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

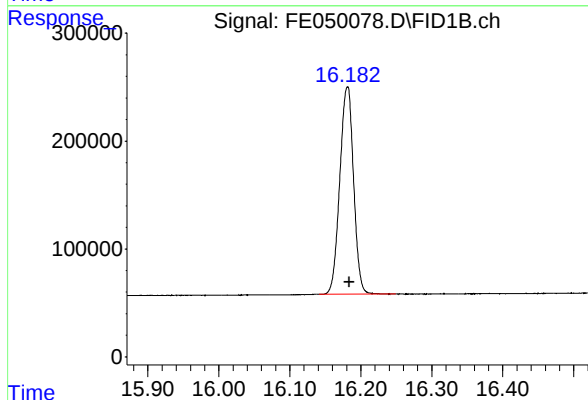
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



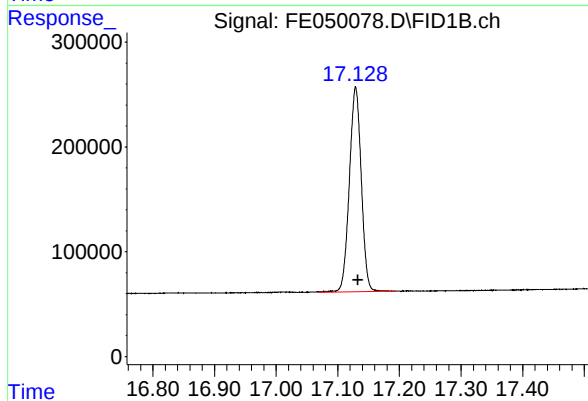
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.003 min
Response: 2638444
Conc: 20.20 ug/ml



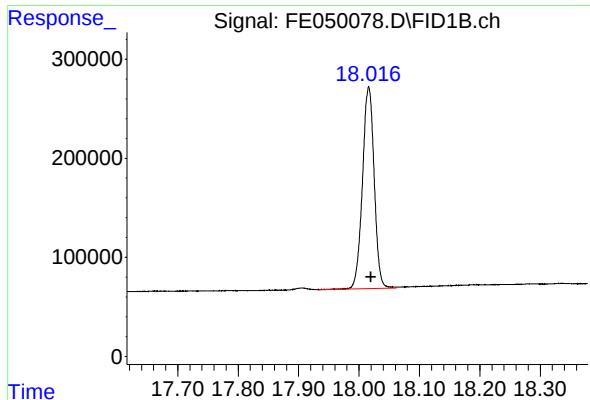
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.003 min
Response: 2590183
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.128 min
Delta R.T.: -0.005 min
Response: 2624315
Conc: 20.37 ug/ml m



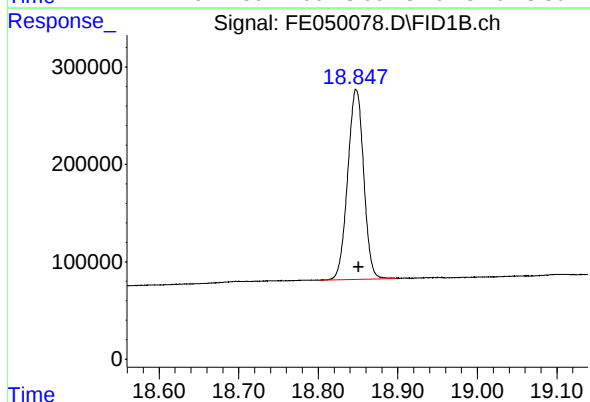
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.004 min
Response: 2743075
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

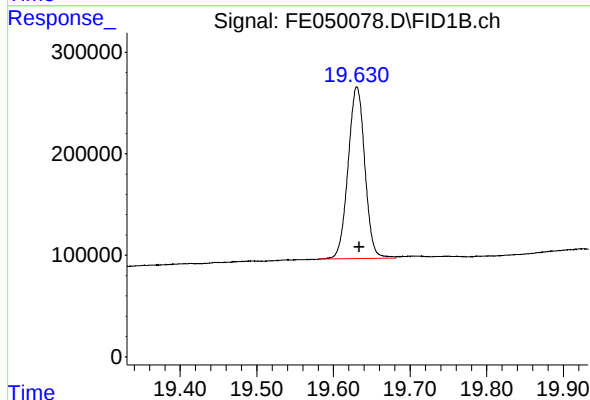
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



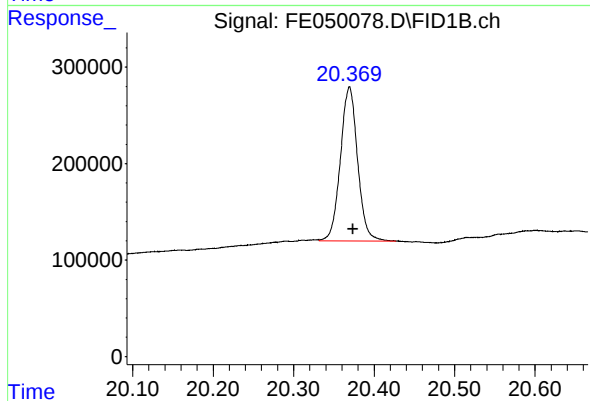
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 2735242
Conc: 20.53 ug/ml



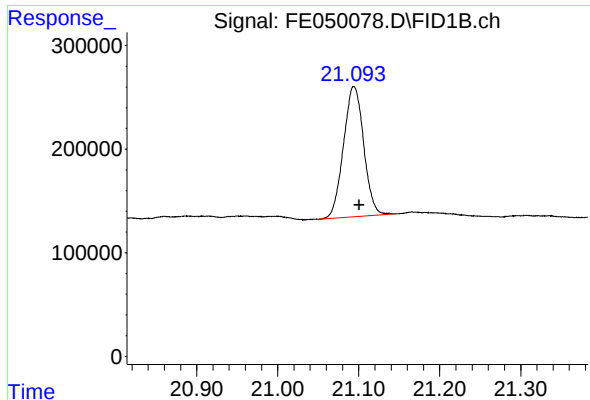
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.003 min
Response: 2571379
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.369 min
Delta R.T.: -0.005 min
Response: 2379195
Conc: 21.44 ug/ml m



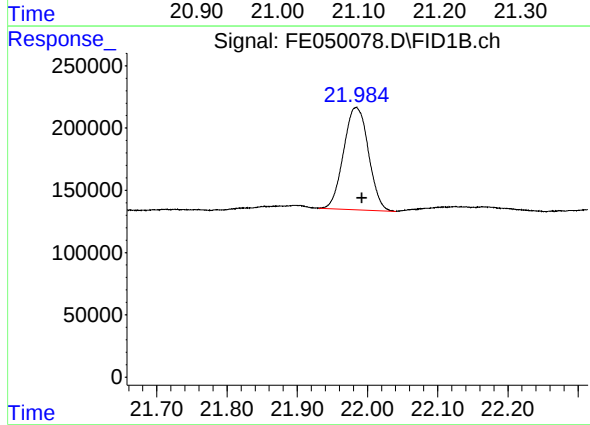
#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: -0.007 min
Response: 2180828
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.008 min
Response: 2016023
Conc: 18.53 ug/ml