

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080924AL\
 Data File : FE049548.D
 Signal(s) : FID1B.ch
 Acq On : 09 Aug 2024 22:38
 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 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
 Quant Time: Aug 10 01:23:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.888	3121522	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	13.324	2377824	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.279	2876340	19.126 ug/ml
2) T n-Decane (C10)	4.529	2986770	19.338 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3050307	19.578 ug/ml
4) T n-Dodecane (C12)	6.696	2999909	19.483 ug/ml
5) T A~2-methylnaphthalene...	7.331	2886673	19.836 ug/ml
6) T n-Tetradecane (C14)	8.523	2954537	19.467 ug/ml
7) T n-Hexadecane (C16)	10.129	3011479	19.857 ug/ml
8) T n-Octadecane (C18)	11.571	3029494	19.953 ug/ml
10) T n-Eicosane (C20)	12.879	2881266	19.925 ug/ml
11) T n-Heneicosane (C21)	13.490	2834940	19.991 ug/ml
13) T n-Docosane (C22)	14.076	2815313	20.039 ug/ml
14) T n-Tetracosane (C24)	15.178	2814050	20.079 ug/ml
15) T n-Hexacosane (C26)	16.198	2803302	19.992 ug/ml
16) T n-Octacosane (C28)	17.145	2825111	20.184 ug/ml
17) T n-Tricontane (C30)	18.032	2995037	20.532 ug/ml
18) T n-Dotriacontane (C32)	18.863	3044789	20.708 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3047475	20.863 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2995911	20.782 ug/ml
21) T n-Octatriacontane (C38)	21.113	3006901	20.087 ug/ml
22) T n-Tetracontane (C40)	22.007	2963410	19.638 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080924AL\
Data File : FE049548.D
Signal(s) : FID1B.ch
Acq On : 09 Aug 2024 22:38
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

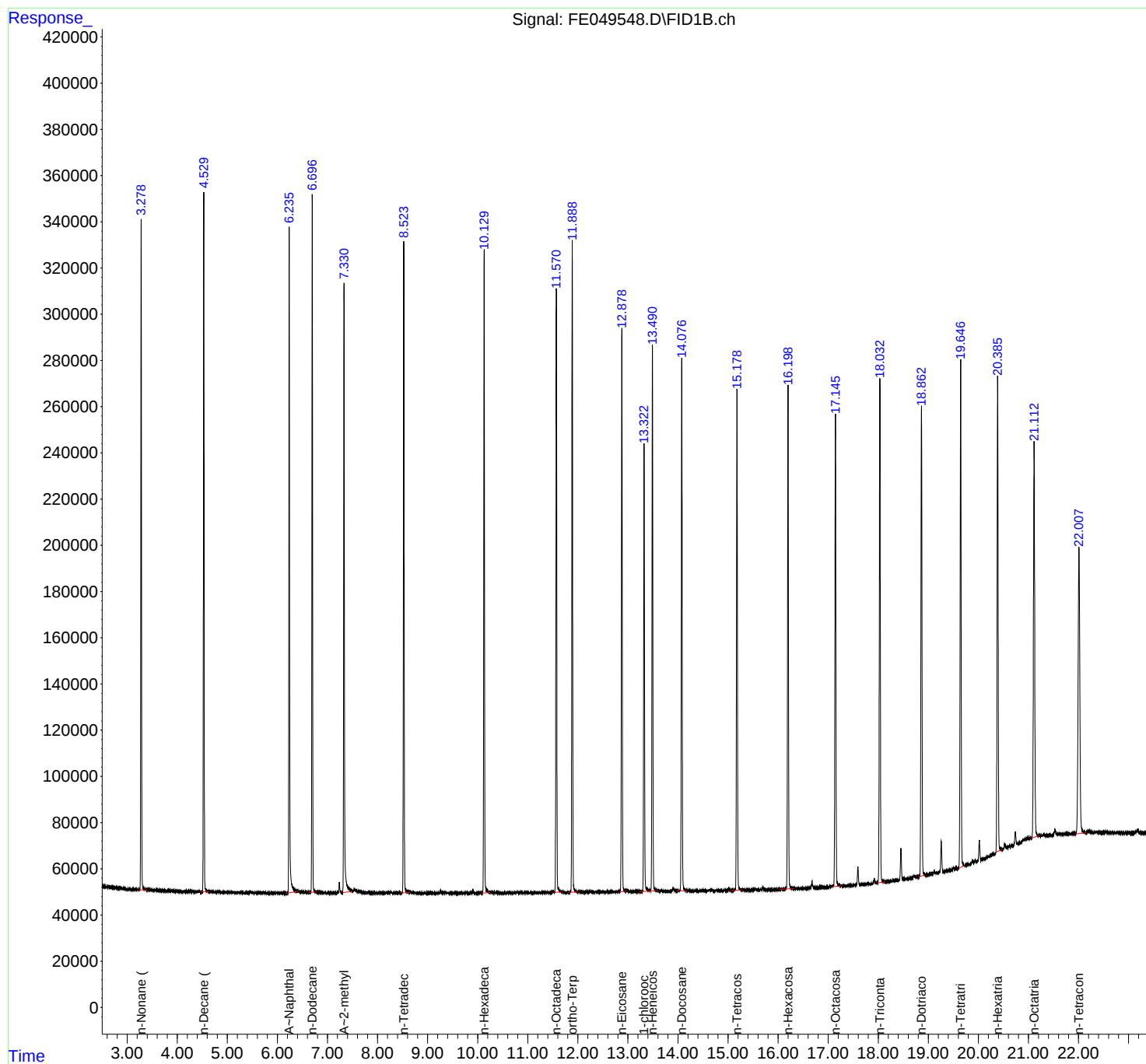
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

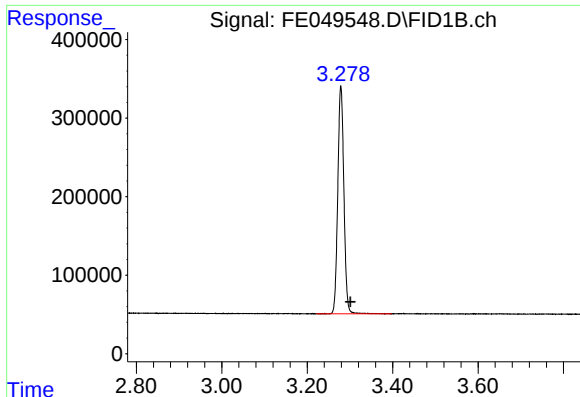
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024

Integration File: autoint1.e
Quant Time: Aug 10 01:23:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
Quant Title : GC Extractables
QLast Update : Wed Jul 17 14:26:40 2024
Response via : Initial Calibration
Integrator: ChemStation

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





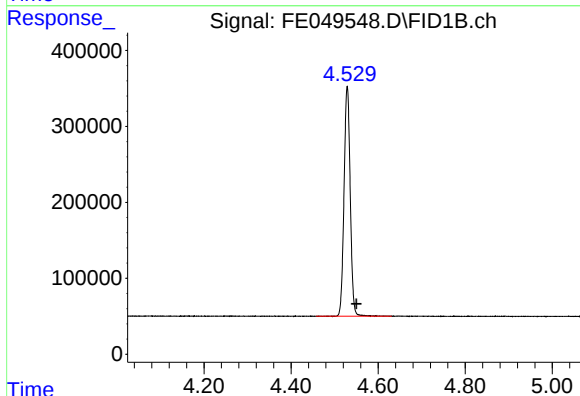
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.022 min
Response: 2876340
Conc: 19.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

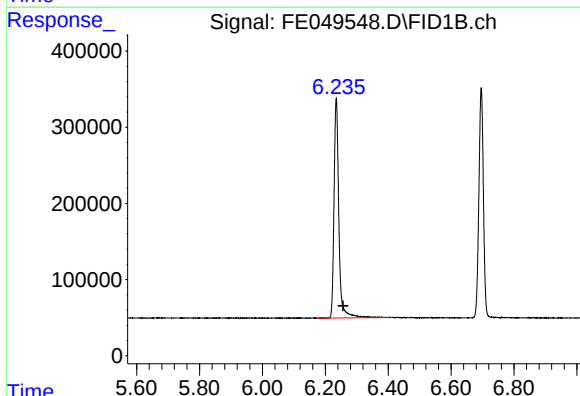
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



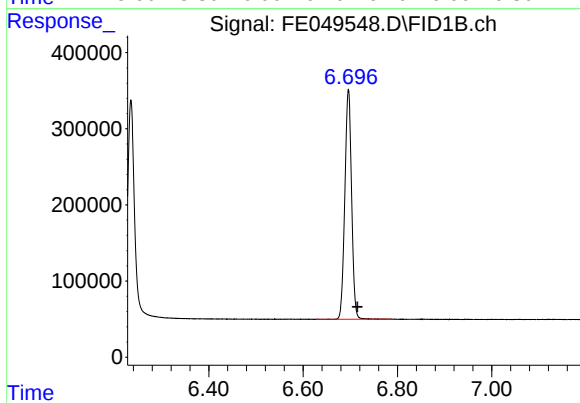
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.021 min
Response: 2986770
Conc: 19.34 ug/ml



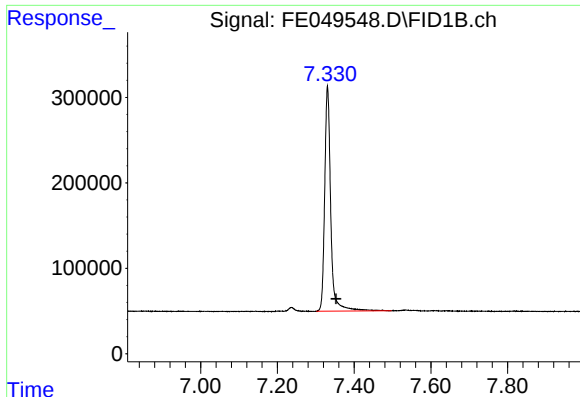
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.022 min
Response: 3050307
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.019 min
Response: 2999909
Conc: 19.48 ug/ml



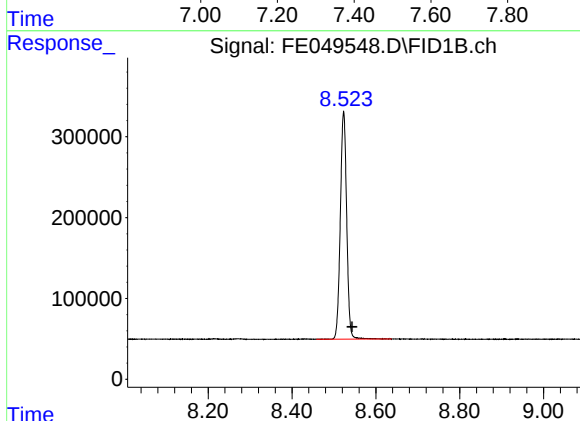
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.022 min
Response: 2886673
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

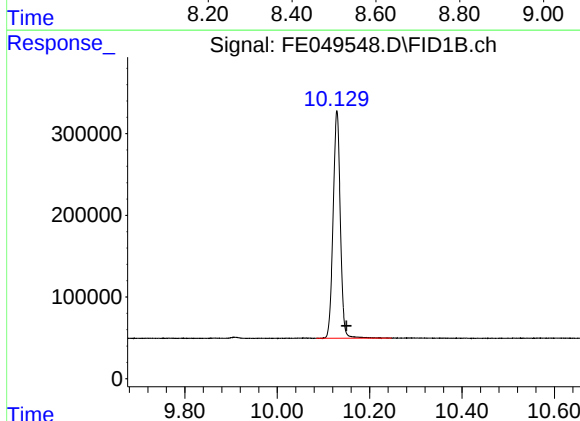
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



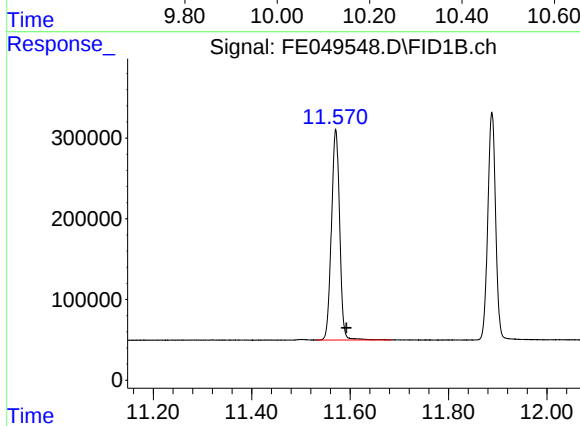
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.020 min
Response: 2954537
Conc: 19.47 ug/ml



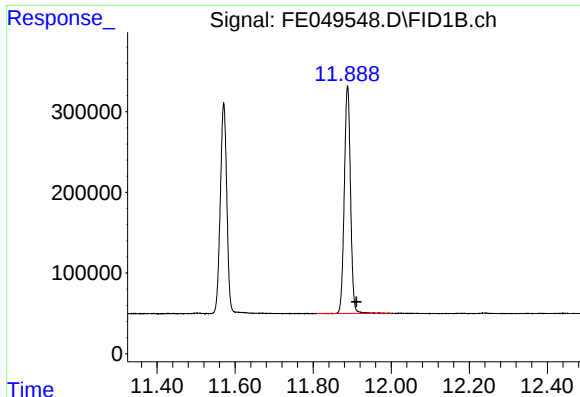
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.021 min
Response: 3011479
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: -0.022 min
Response: 3029494
Conc: 19.95 ug/ml



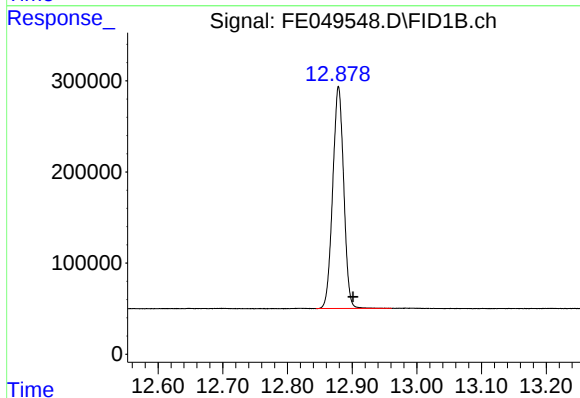
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 3121522
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

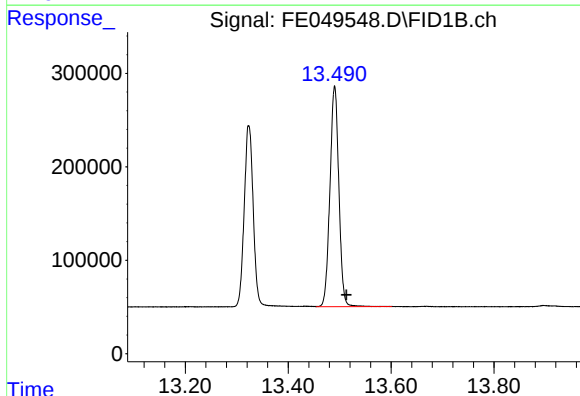
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



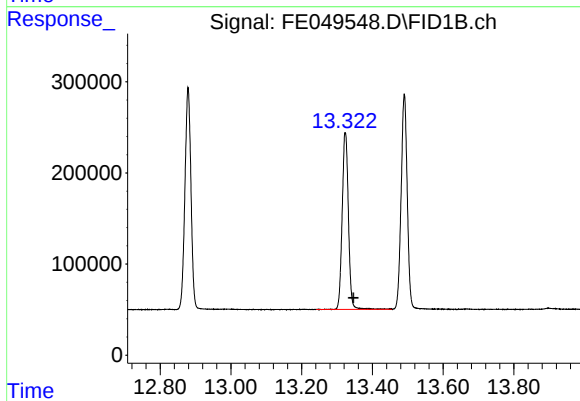
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: -0.022 min
Response: 2881266
Conc: 19.92 ug/ml



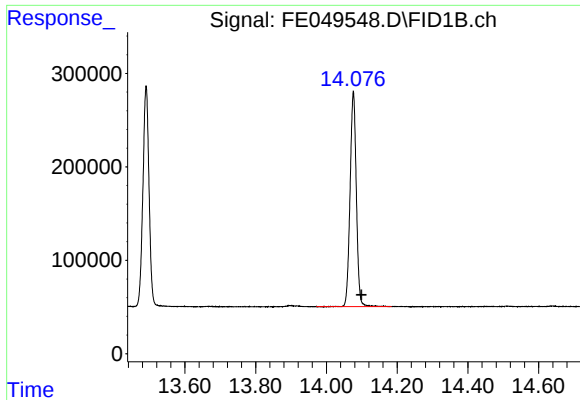
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: -0.023 min
Response: 2834940
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.324 min
Delta R.T.: -0.023 min
Response: 2377824
Conc: 20.35 ug/ml



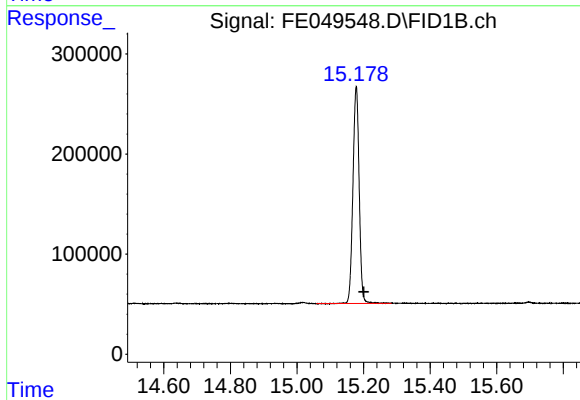
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: -0.023 min
Response: 2815313
Conc: 20.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

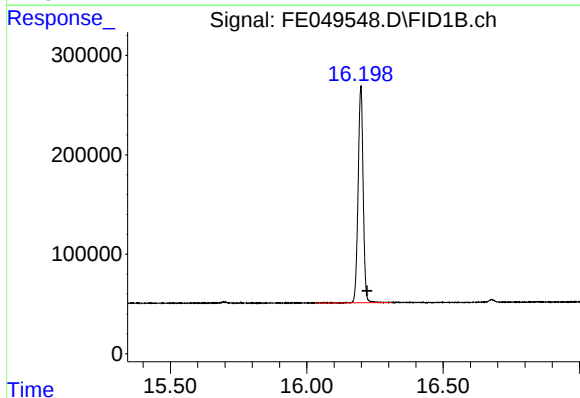
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



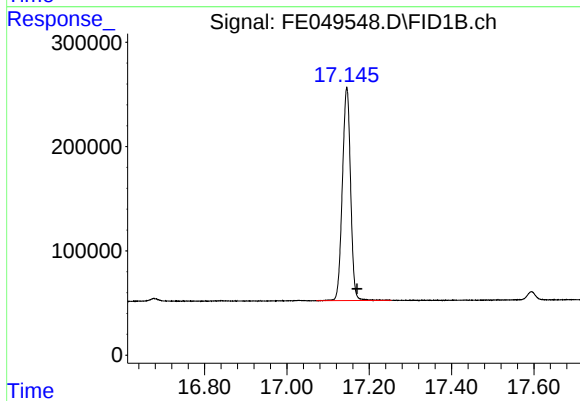
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.022 min
Response: 2814050
Conc: 20.08 ug/ml



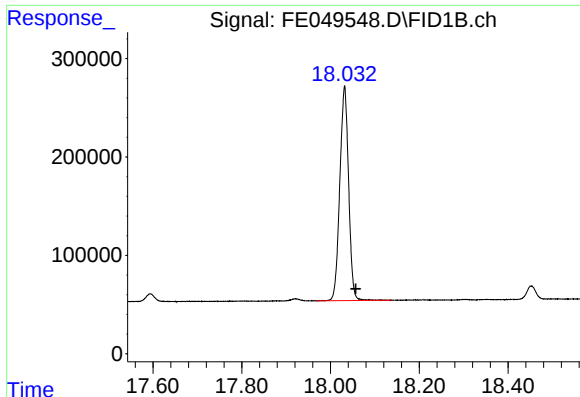
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.023 min
Response: 2803302
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: -0.025 min
Response: 2825111
Conc: 20.18 ug/ml



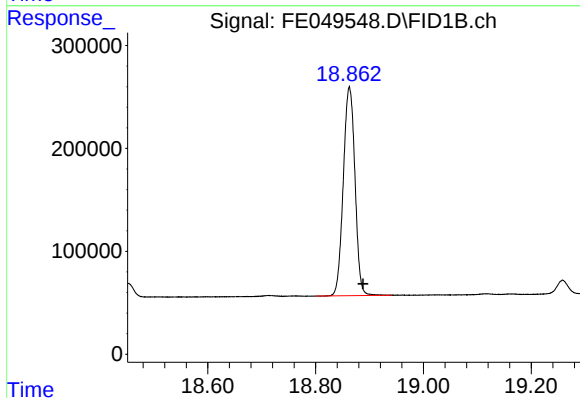
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: -0.025 min
Response: 2995037
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

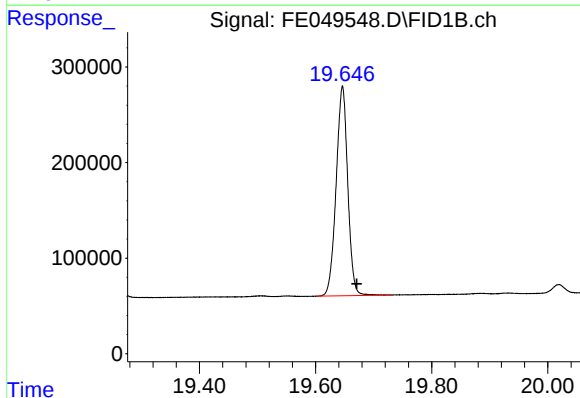
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



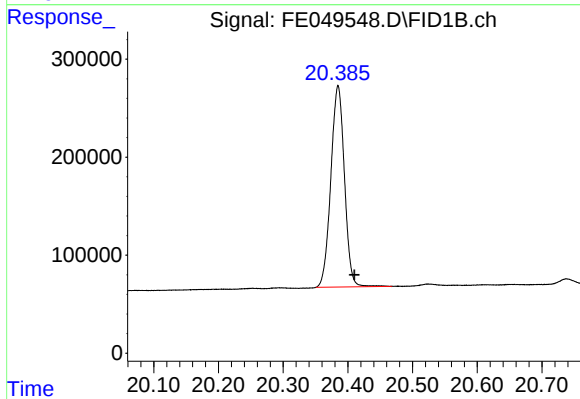
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: -0.025 min
Response: 3044789
Conc: 20.71 ug/ml



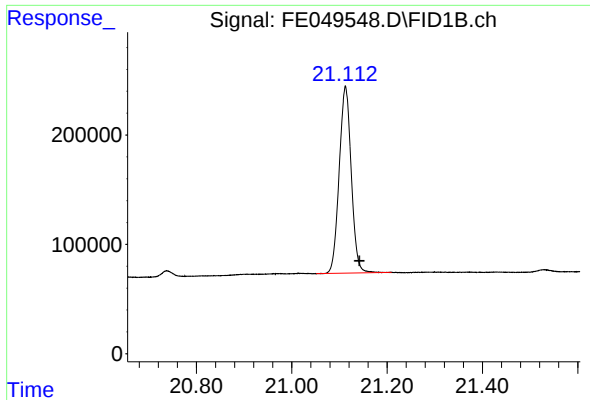
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: -0.025 min
Response: 3047475
Conc: 20.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: -0.026 min
Response: 2995911
Conc: 20.78 ug/ml



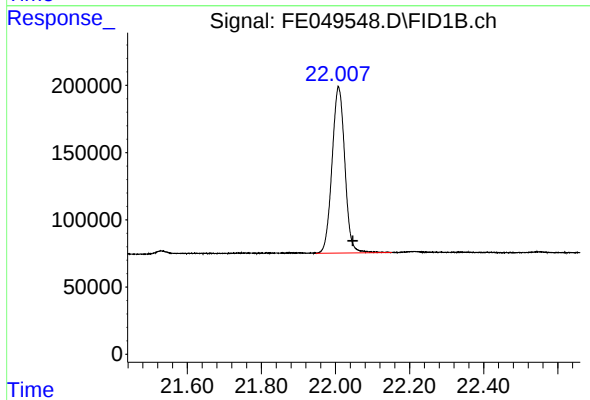
#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.029 min
Response: 3006901
Conc: 20.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: -0.040 min
Response: 2963410
Conc: 19.64 ug/ml m