

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049642.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 13:49
 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 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
 Quant Time: Aug 16 23:41:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.889	3075230	19.017 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.325	2346429	19.232 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.278	2786721	18.007 ug/ml
2) T n-Decane (C10)	4.528	2947244	18.666 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3019229	18.817 ug/ml
4) T n-Dodecane (C12)	6.696	2974315	18.919 ug/ml
5) T A~2-methylnaphthalene...	7.332	2859392	19.094 ug/ml
6) T n-Tetradecane (C14)	8.523	2921167	18.922 ug/ml
7) T n-Hexadecane (C16)	10.129	2978369	19.070 ug/ml
8) T n-Octadecane (C18)	11.572	2984806	19.005 ug/ml
10) T n-Eicosane (C20)	12.880	2846497	19.065 ug/ml
11) T n-Heneicosane (C21)	13.491	2806321	19.130 ug/ml
13) T n-Docosane (C22)	14.077	2774429	19.035 ug/ml
14) T n-Tetracosane (C24)	15.179	2775450	19.080 ug/ml
15) T n-Hexacosane (C26)	16.199	2749355	19.050 ug/ml
16) T n-Octacosane (C28)	17.146	2807860	19.494 ug/mlm
17) T n-Tricontane (C30)	18.034	3014002	20.133 ug/ml
18) T n-Dotriacontane (C32)	18.867	3120755	20.629 ug/ml
19) T n-Tetratriacontane (C34)	19.650	3121255	20.416 ug/ml
20) T n-Hexatriacontane (C36)	20.389	3069555	20.214 ug/ml
21) T n-Octatriacontane (C38)	21.118	3006064	19.153 ug/ml
22) T n-Tetracontane (C40)	22.016	2943557	19.279 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
Data File : FE049642.D
Signal(s) : FID1B.ch
Acq On : 16 Aug 2024 13:49
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

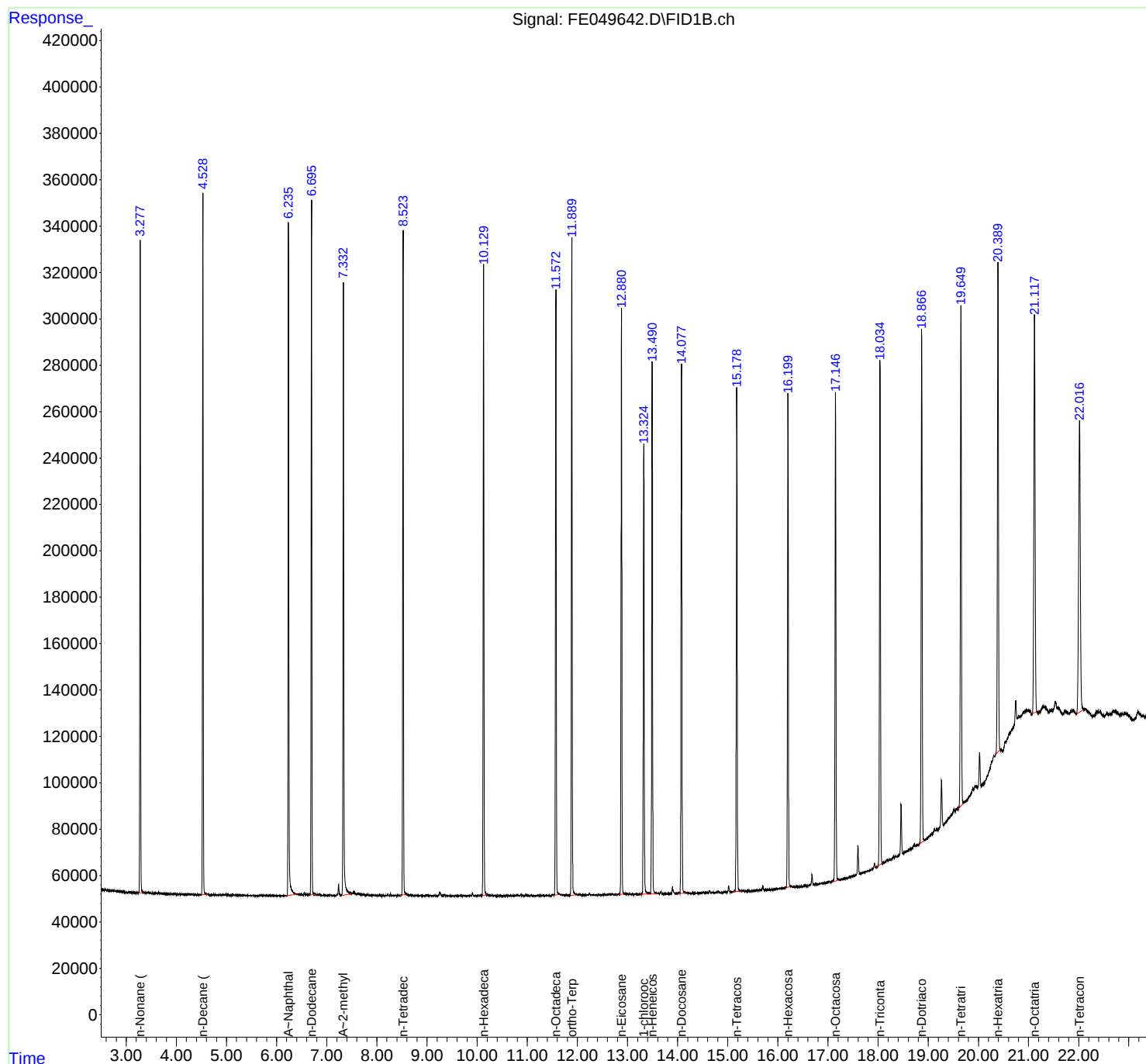
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

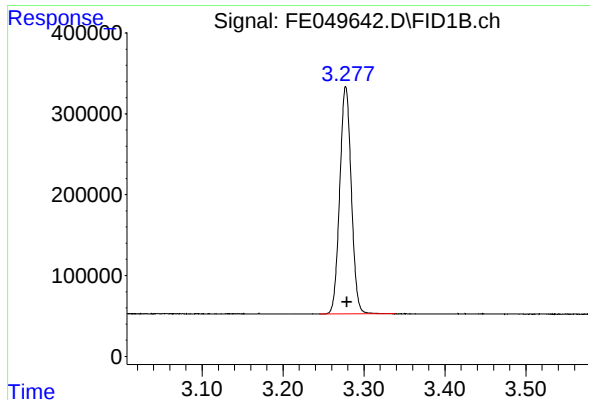
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024

Integration File: autoint1.e
Quant Time: Aug 16 23:41:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.
Quant Title : GC Extractables
QLast Update : Wed Aug 14 11:05:17 2024
Response via : Initial Calibration
Integrator: ChemStation

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





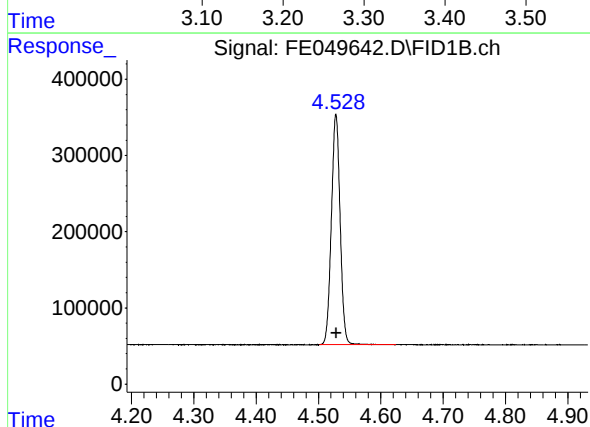
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 2786721
Conc: 18.01 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

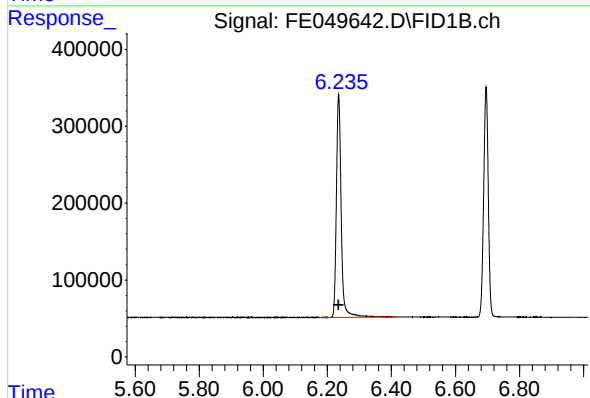
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



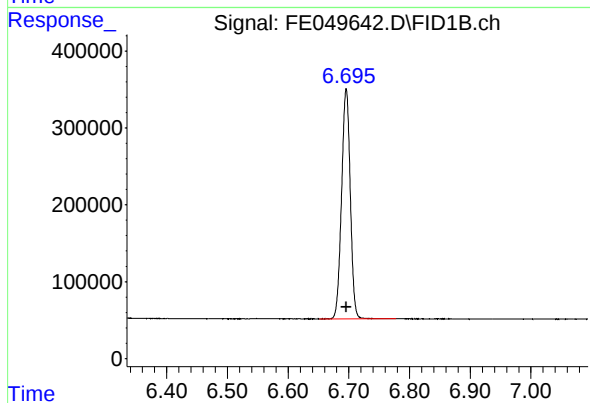
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 2947244
Conc: 18.67 ug/ml



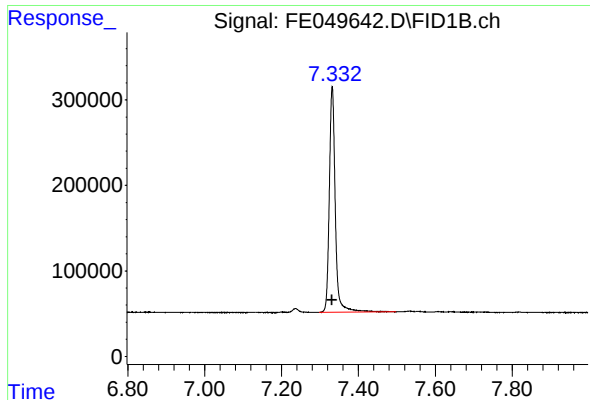
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 3019229
Conc: 18.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 2974315
Conc: 18.92 ug/ml



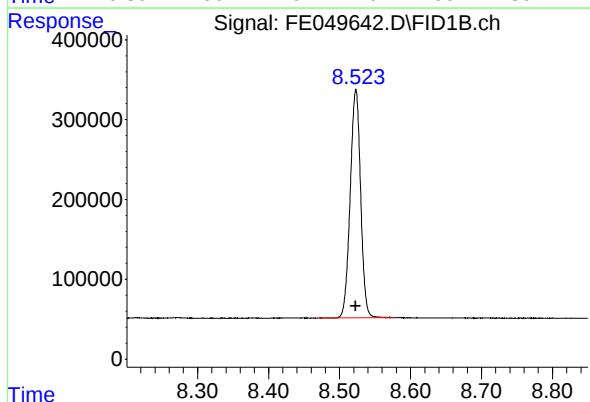
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 2859392
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

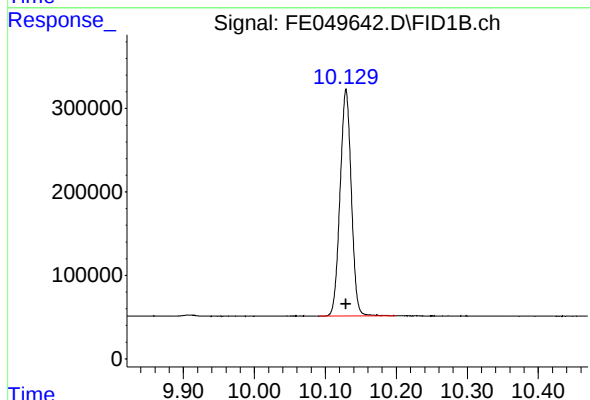
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



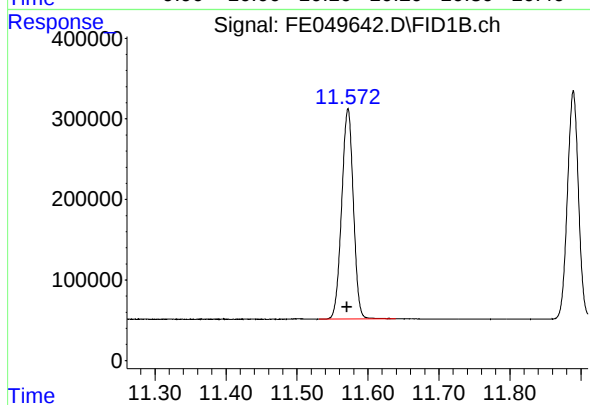
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 2921167
Conc: 18.92 ug/ml



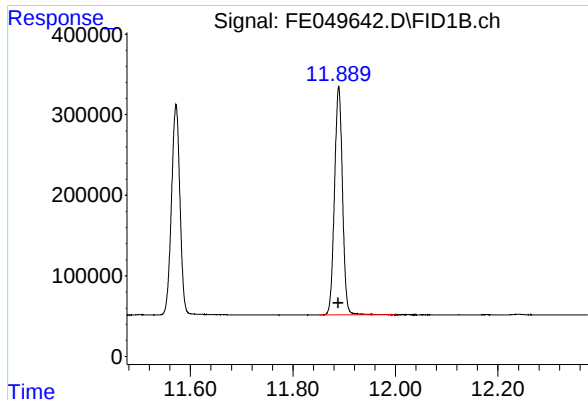
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 2978369
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.572 min
Delta R.T.: 0.001 min
Response: 2984806
Conc: 19.01 ug/ml



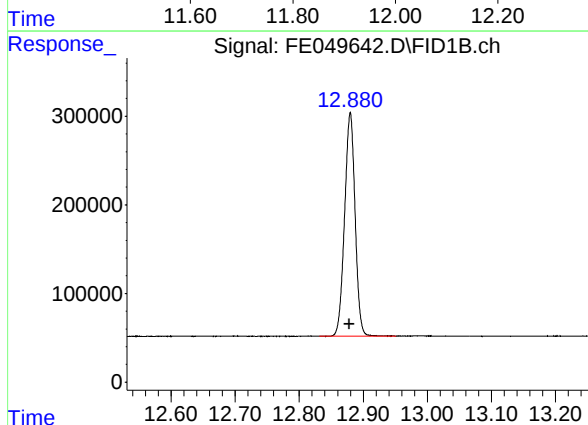
#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: 0.000 min
Response: 3075230
Conc: 19.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

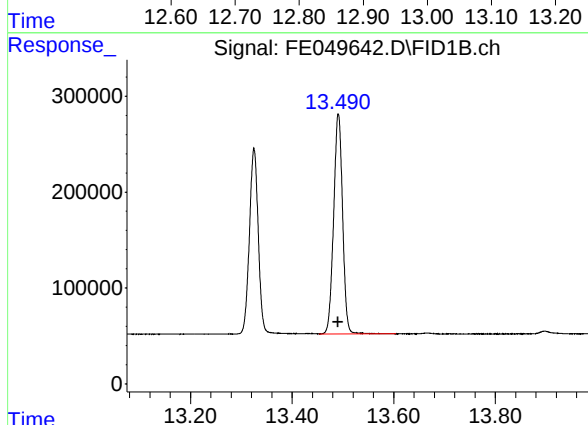
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



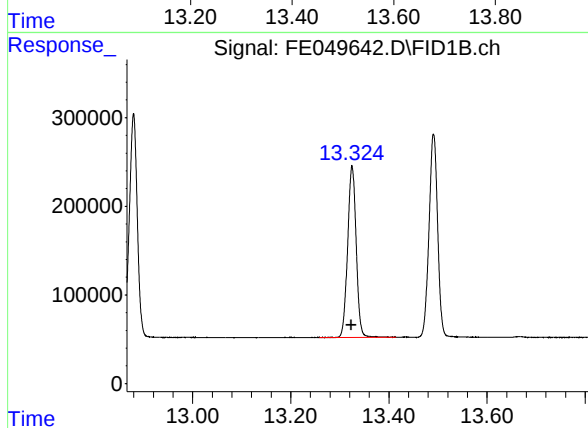
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: 0.001 min
Response: 2846497
Conc: 19.06 ug/ml



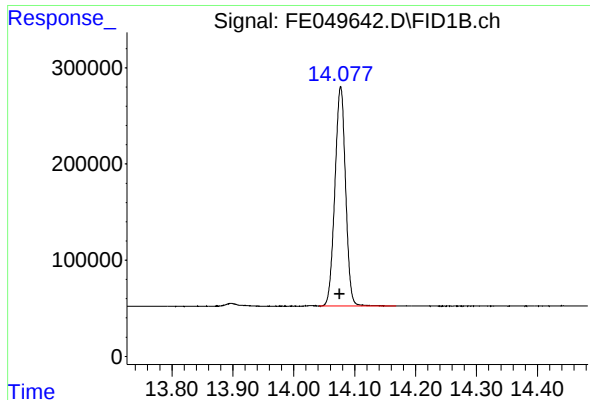
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.001 min
Response: 2806321
Conc: 19.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: 0.001 min
Response: 2346429
Conc: 19.23 ug/ml



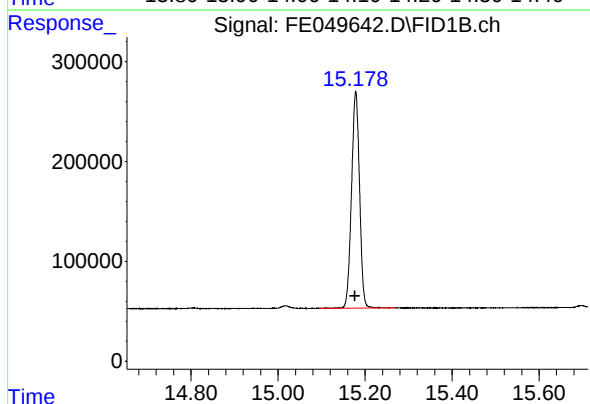
#13 n-Docosane (C22)

R.T.: 14.077 min
Delta R.T.: 0.002 min
Response: 2774429
Conc: 19.04 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

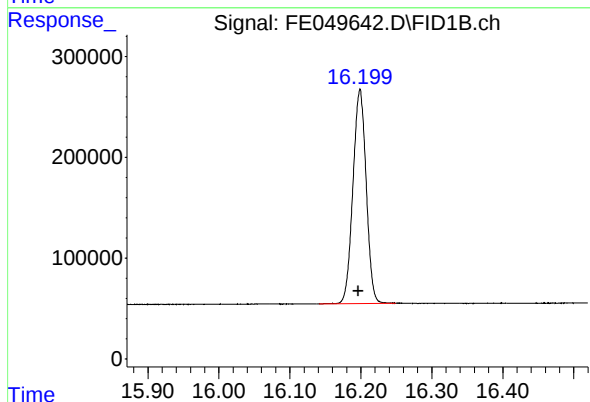
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



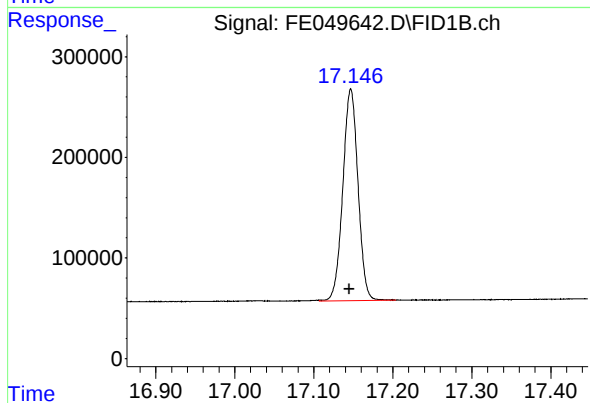
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: 0.002 min
Response: 2775450
Conc: 19.08 ug/ml



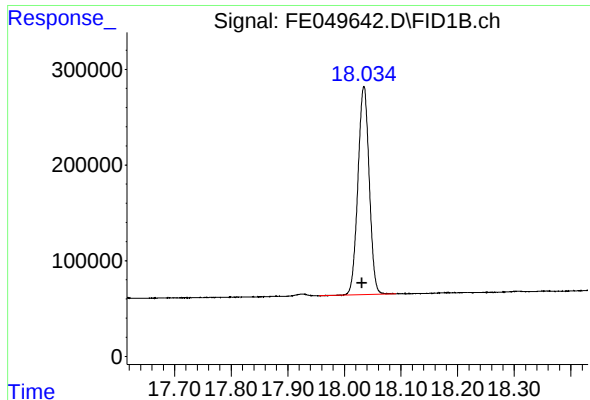
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.002 min
Response: 2749355
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.001 min
Response: 2807860
Conc: 19.49 ug/ml m



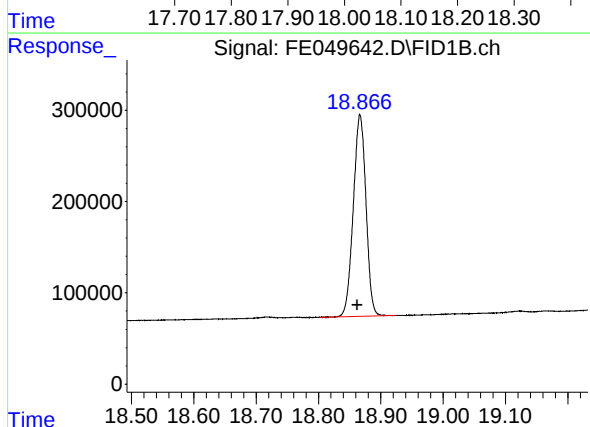
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: 0.003 min
Response: 3014002
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

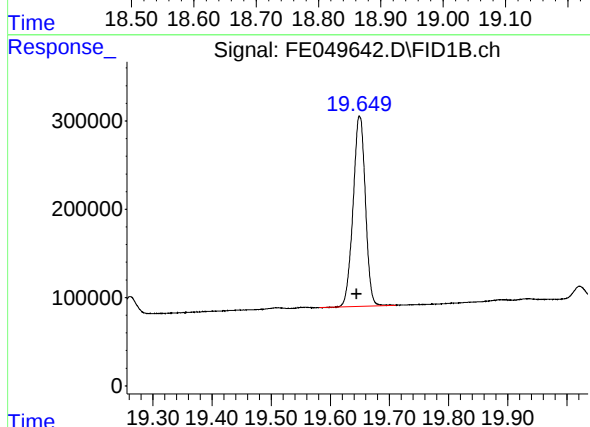
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



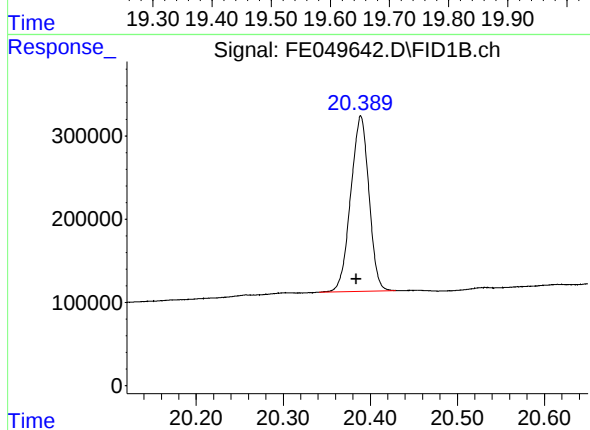
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.004 min
Response: 3120755
Conc: 20.63 ug/ml



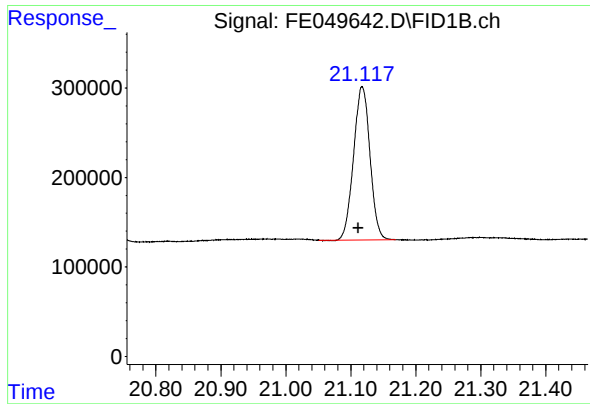
#19 n-Tetratriacontane (C34)

R.T.: 19.650 min
Delta R.T.: 0.005 min
Response: 3121255
Conc: 20.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.005 min
Response: 3069555
Conc: 20.21 ug/ml



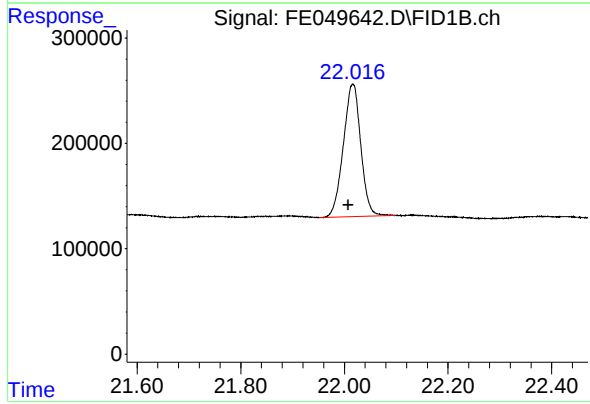
#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.006 min
Response: 3006064
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: 0.009 min
Response: 2943557
Conc: 19.28 ug/ml