

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
 Data File : FE049630.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2024 07:12
 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 23:39:56 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)	11.894	3096565	19.149 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	13.329	2354586	19.299 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.280	2820626	18.227 ug/ml
2) T n-Decane (C10)	4.531	2988687	18.929 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3050306	19.010 ug/ml
4) T n-Dodecane (C12)	6.699	3008312	19.136 ug/ml
5) T A~2-methylnaphthalene...	7.335	2899101	19.359 ug/ml
6) T n-Tetradecane (C14)	8.526	2950017	19.109 ug/ml
7) T n-Hexadecane (C16)	10.133	3006505	19.250 ug/ml
8) T n-Octadecane (C18)	11.576	3003860	19.126 ug/ml
10) T n-Eicosane (C20)	12.884	2866114	19.196 ug/ml
11) T n-Heneicosane (C21)	13.495	2813365	19.178 ug/ml
13) T n-Docosane (C22)	14.081	2795891	19.183 ug/ml
14) T n-Tetracosane (C24)	15.182	2809877	19.316 ug/ml
15) T n-Hexacosane (C26)	16.203	2779811	19.261 ug/ml
16) T n-Octacosane (C28)	17.153	2827451	19.630 ug/mlm
17) T n-Tricontane (C30)	18.039	3044529	20.337 ug/ml
18) T n-Dotriacontane (C32)	18.870	3130387	20.692 ug/ml
19) T n-Tetratriacontane (C34)	19.654	3129397	20.470 ug/ml
20) T n-Hexatriacontane (C36)	20.392	3118393	20.536 ug/ml
21) T n-Octatriacontane (C38)	21.122	3060141	19.497 ug/ml
22) T n-Tetracontane (C40)	22.022	3113886	20.395 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081624AL\
Data File : FE049630.D
Signal(s) : FID1B.ch
Acq On : 16 Aug 2024 07:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

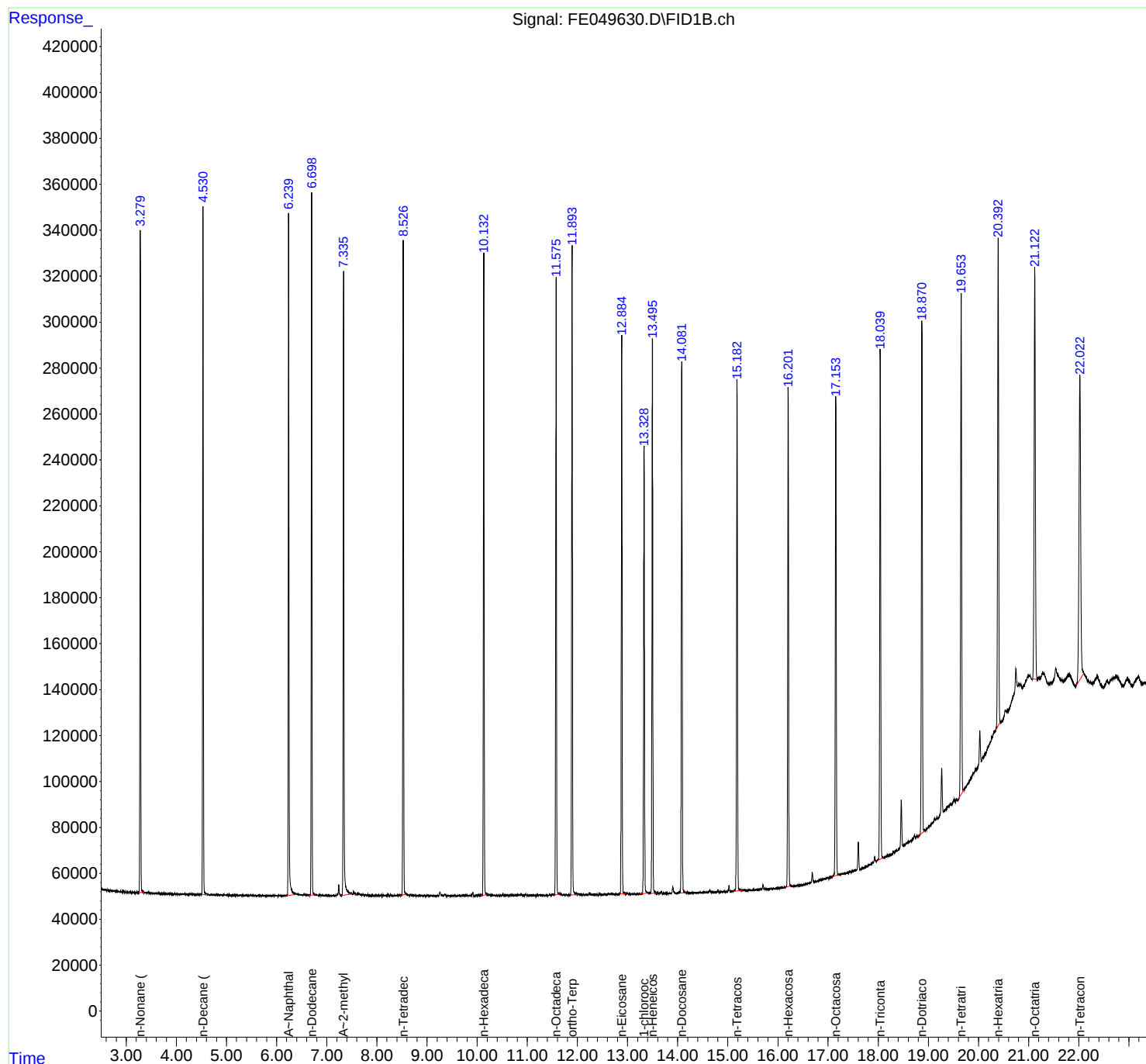
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

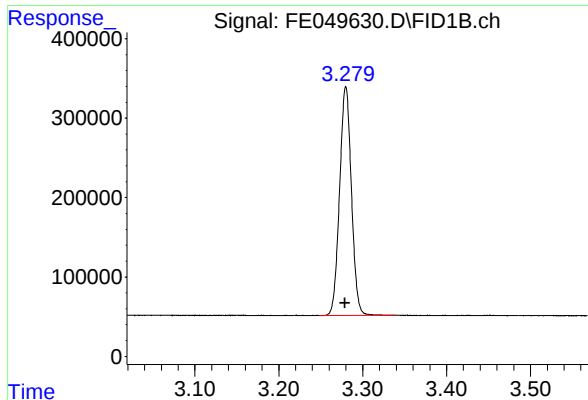
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Aug 16 23:39:56 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





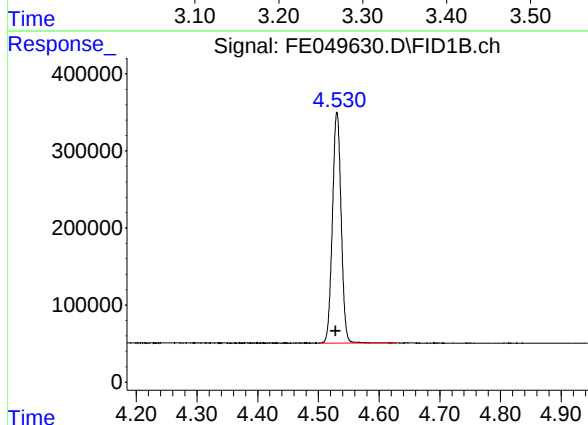
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 2820626
Conc: 18.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

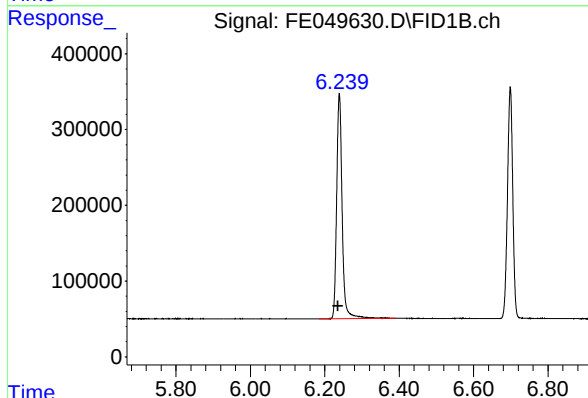
Manual Integrations
APPROVED

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



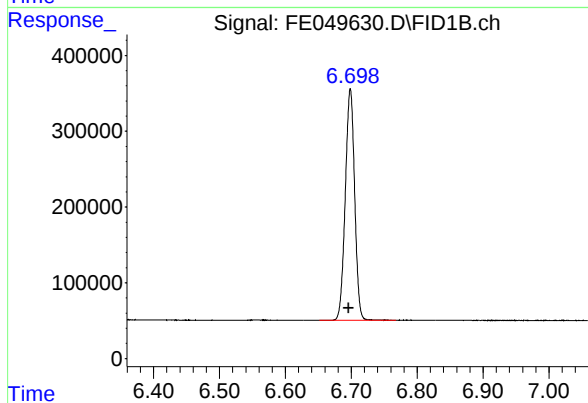
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 2988687
Conc: 18.93 ug/ml



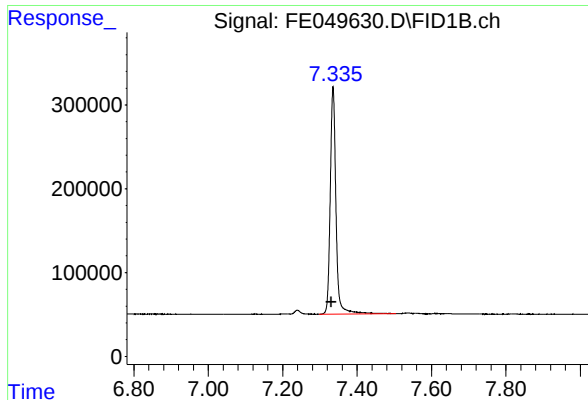
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: 0.004 min
Response: 3050306
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: 0.003 min
Response: 3008312
Conc: 19.14 ug/ml



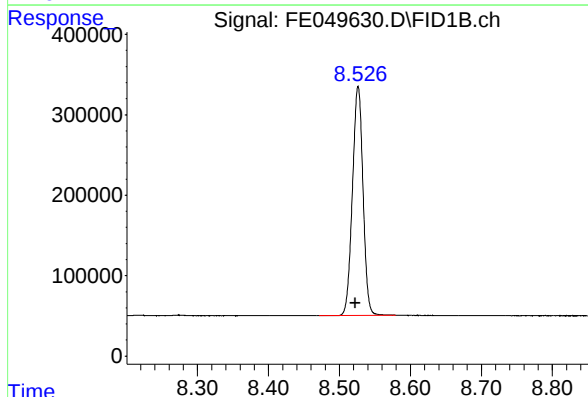
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.335 min
Delta R.T.: 0.005 min
Response: 2899101
Conc: 19.36 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

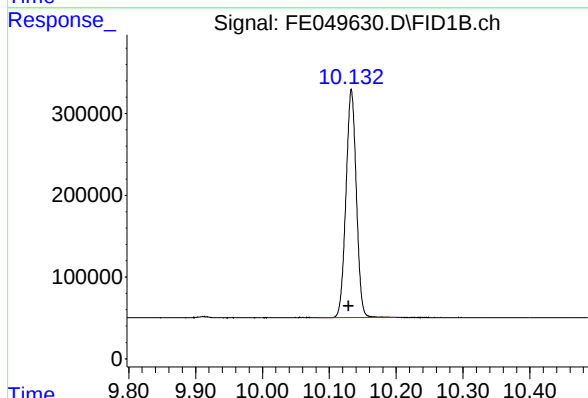
Manual Integrations
APPROVED

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



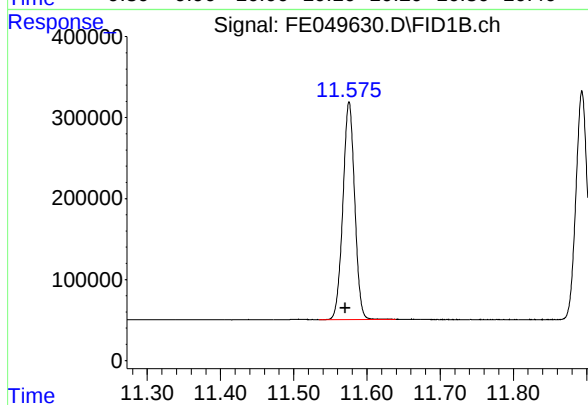
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.004 min
Response: 2950017
Conc: 19.11 ug/ml



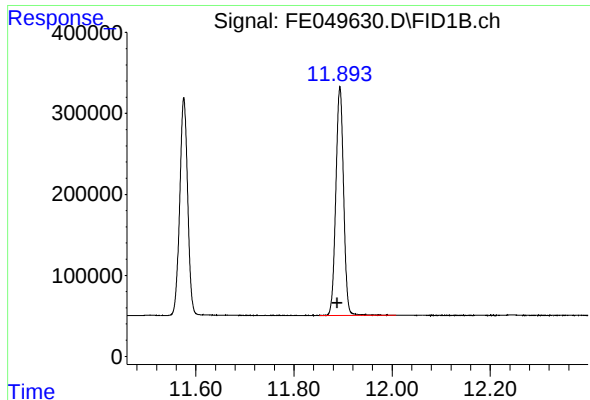
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: 0.004 min
Response: 3006505
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: 0.005 min
Response: 3003860
Conc: 19.13 ug/ml



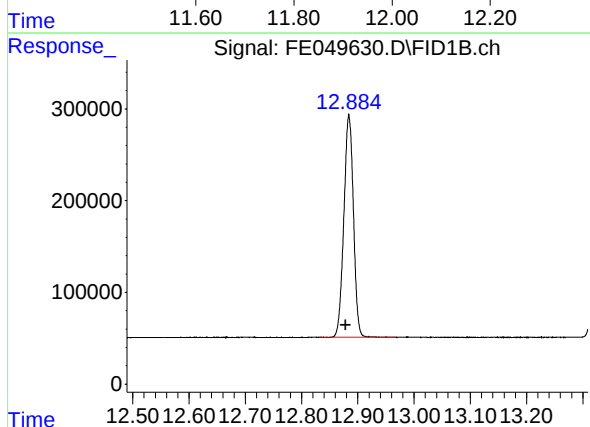
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: 0.005 min
Response: 3096565
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

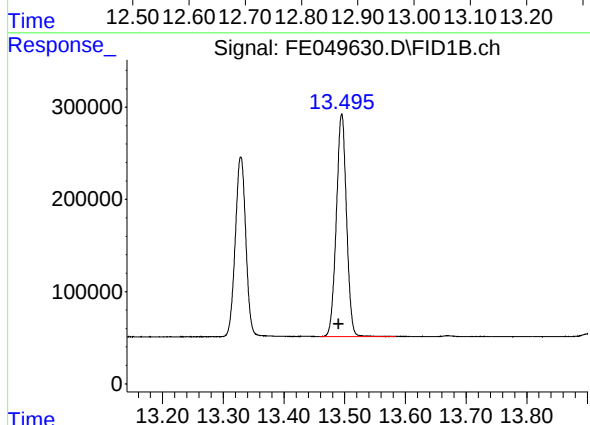
Manual Integrations
APPROVED

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



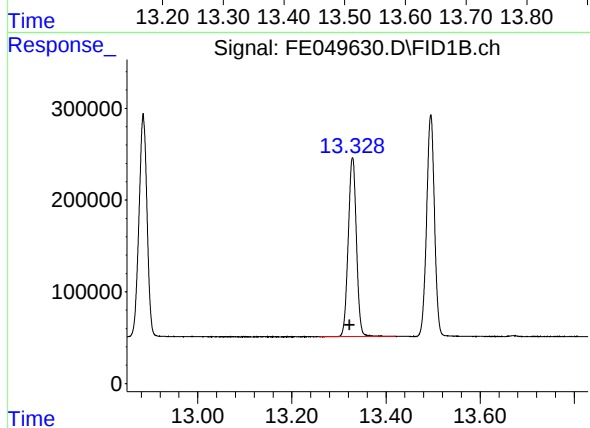
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: 0.006 min
Response: 2866114
Conc: 19.20 ug/ml



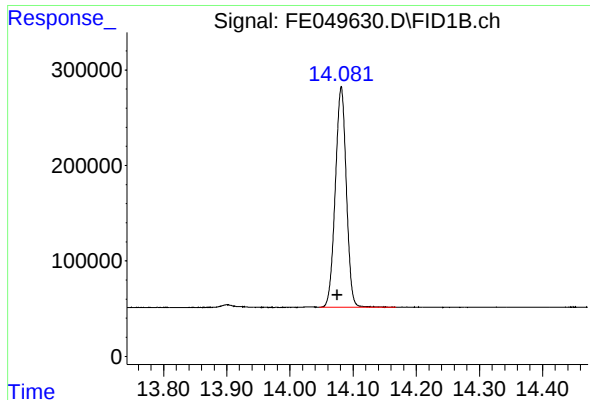
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: 0.005 min
Response: 2813365
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: 0.005 min
Response: 2354586
Conc: 19.30 ug/ml



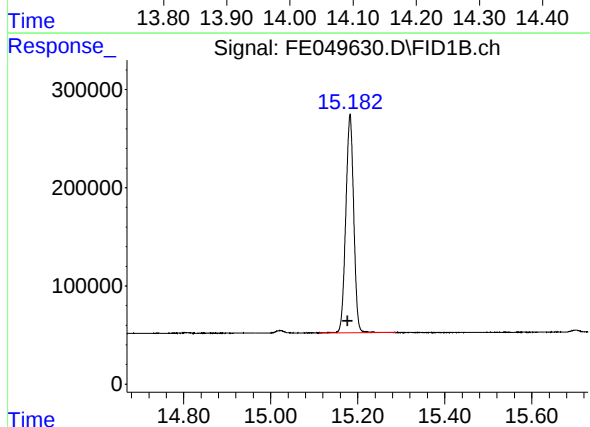
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: 0.006 min
Response: 2795891
Conc: 19.18 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

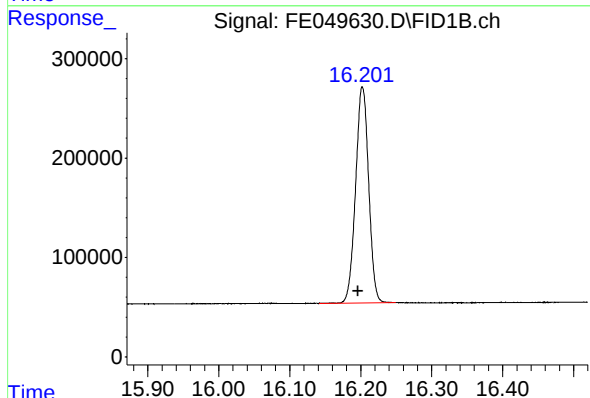
Manual Integrations
APPROVED

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



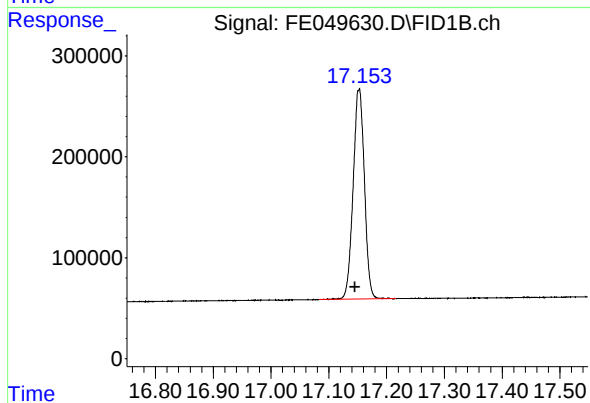
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: 0.005 min
Response: 2809877
Conc: 19.32 ug/ml



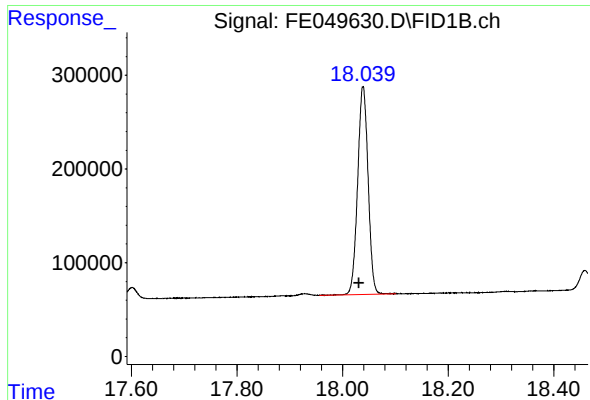
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 2779811
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.153 min
Delta R.T.: 0.008 min
Response: 2827451
Conc: 19.63 ug/ml m



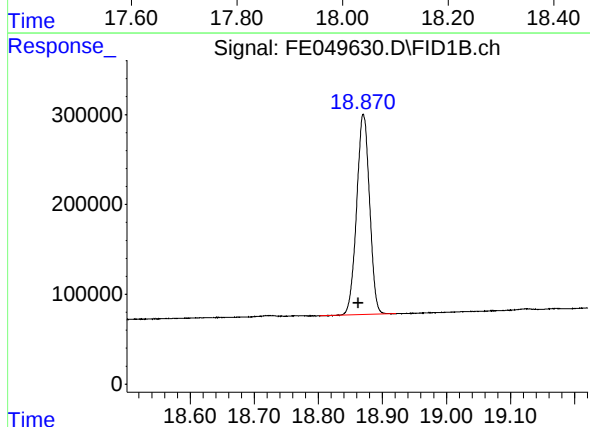
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: 0.008 min
Response: 3044529
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

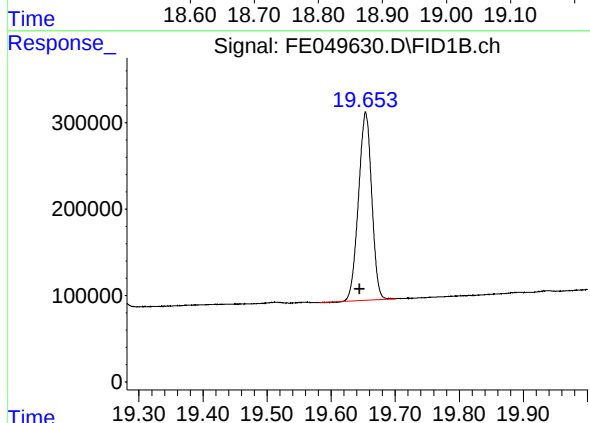
Manual Integrations
APPROVED

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



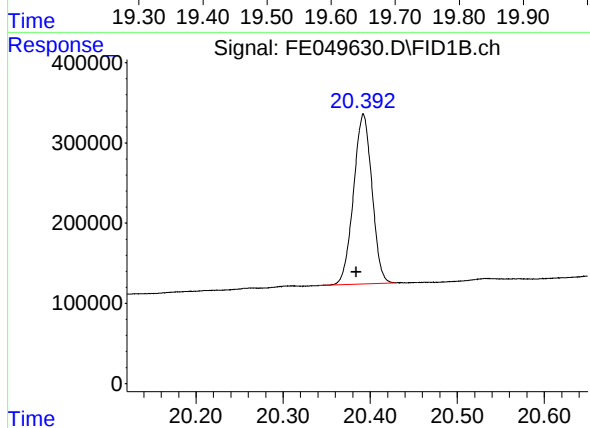
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: 0.008 min
Response: 3130387
Conc: 20.69 ug/ml



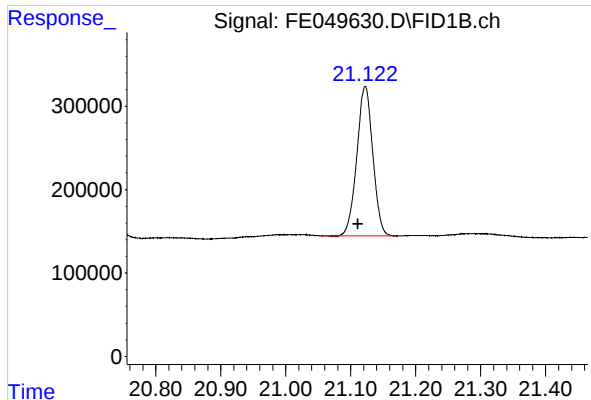
#19 n-Tetatriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.009 min
Response: 3129397
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: 0.008 min
Response: 3118393
Conc: 20.54 ug/ml



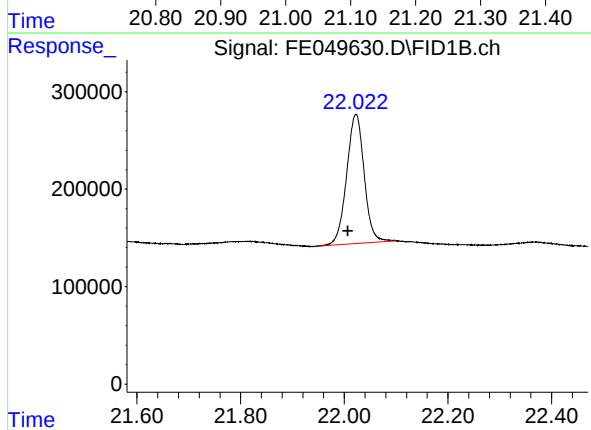
#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.011 min
Response: 3060141
Conc: 19.50 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.: 22.022 min
Delta R.T.: 0.015 min
Response: 3113886
Conc: 20.39 ug/ml