

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
 Data File : FE049503.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2024 21:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Aug 08 01:11:30 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)	11.891	2886397	18.609 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
12) S 1-chlorooctadecane (S...	13.326	2206238	18.883 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T n-Nonane (C9)	3.281	2709836	18.019 ug/ml
2) T n-Decane (C10)	4.531	2807194	18.175 ug/ml
3) T A~Naphthalene (C11.7)	6.237	2849405	18.288 ug/ml
4) T n-Dodecane (C12)	6.698	2793281	18.141 ug/ml
5) T A~2-methylnaphthalene...	7.332	2634105	18.100 ug/mlm
6) T n-Tetradecane (C14)	8.524	2748832	18.111 ug/ml
7) T n-Hexadecane (C16)	10.131	2793336	18.419 ug/ml
8) T n-Octadecane (C18)	11.573	2826168	18.614 ug/ml
10) T n-Eicosane (C20)	12.881	2680670	18.538 ug/ml
11) T n-Heneicosane (C21)	13.493	2641688	18.629 ug/ml
13) T n-Docosane (C22)	14.078	2621706	18.661 ug/ml
14) T n-Tetracosane (C24)	15.179	2646507	18.883 ug/ml
15) T n-Hexacosane (C26)	16.199	2635531	18.795 ug/ml
16) T n-Octacosane (C28)	17.147	2689908	19.218 ug/ml
17) T n-Tricontane (C30)	18.033	2913574	19.973 ug/ml
18) T n-Dotriacontane (C32)	18.864	2973088	20.220 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2946016	20.169 ug/ml
20) T n-Hexatriacontane (C36)	20.387	2873533	19.933 ug/ml
21) T n-Octatriacontane (C38)	21.116	2908430	19.430 ug/ml
22) T n-Tetracontane (C40)	22.009	2679777	17.758 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080724AL\
Data File : FE049503.D
Signal(s) : FID1B.ch
Acq On : 07 Aug 2024 21:27
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

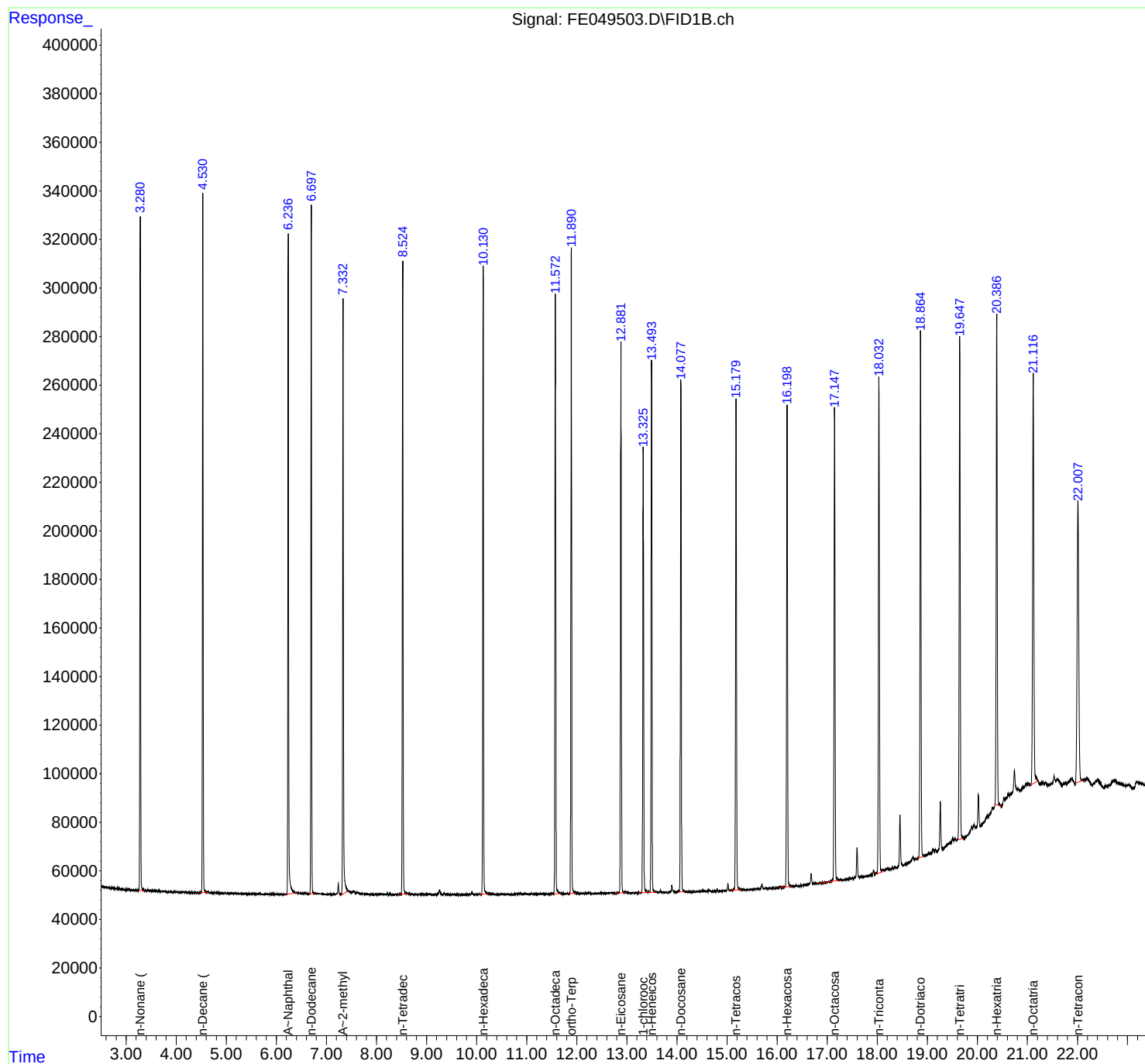
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

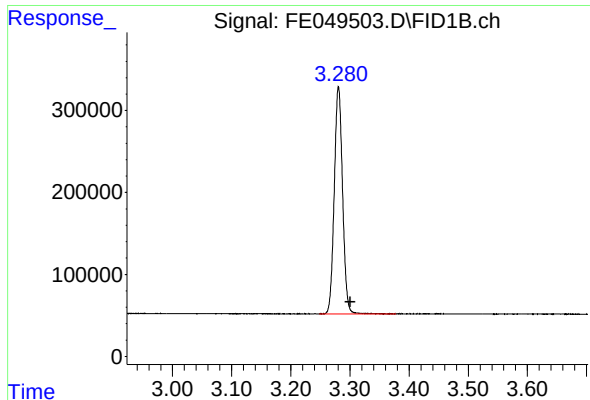
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Aug 08 01:11:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.
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





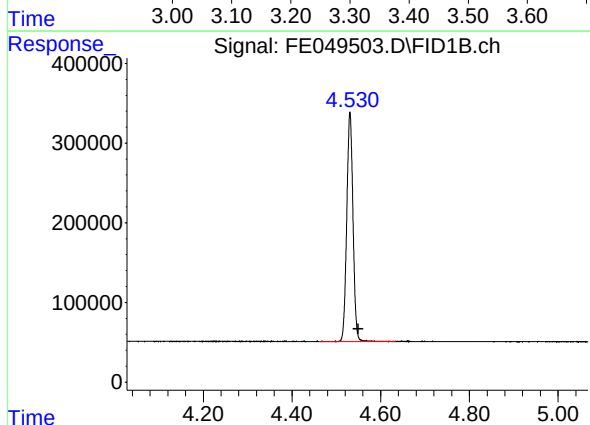
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.020 min
Response: 2709836
Conc: 18.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

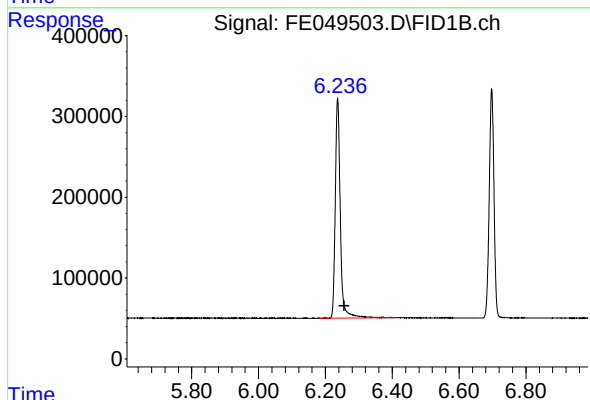
Manual Integrations
APPROVED

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



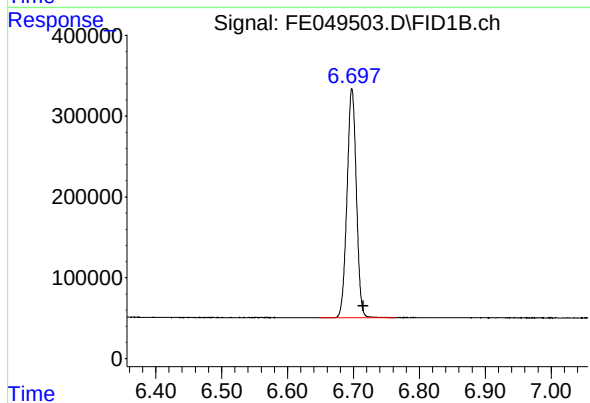
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.019 min
Response: 2807194
Conc: 18.18 ug/ml



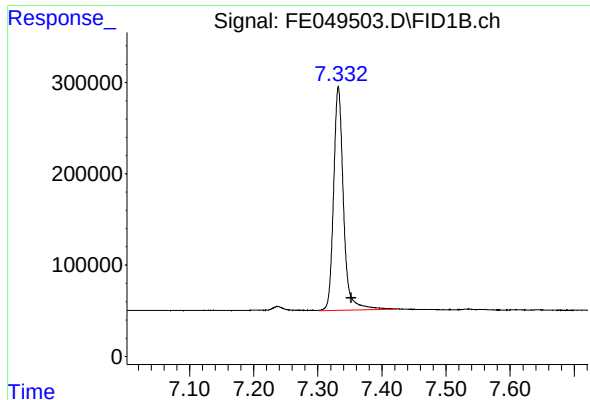
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.020 min
Response: 2849405
Conc: 18.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.017 min
Response: 2793281
Conc: 18.14 ug/ml



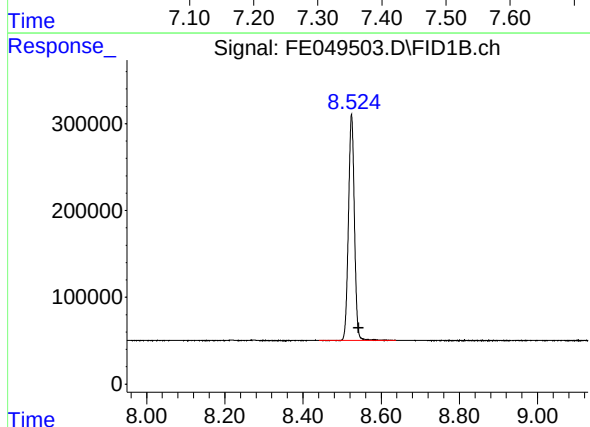
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.021 min
Response: 2634105
Conc: 18.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

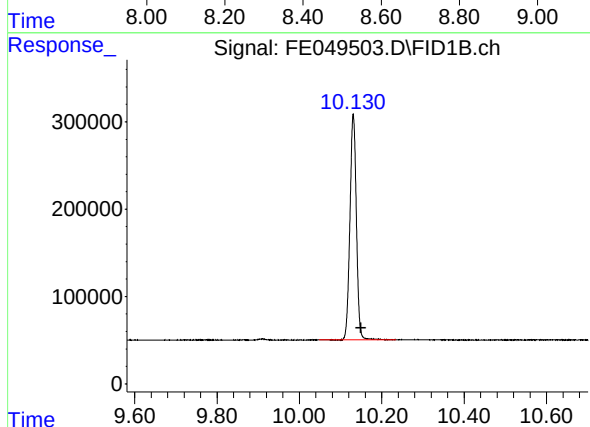
Manual Integrations
APPROVED

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



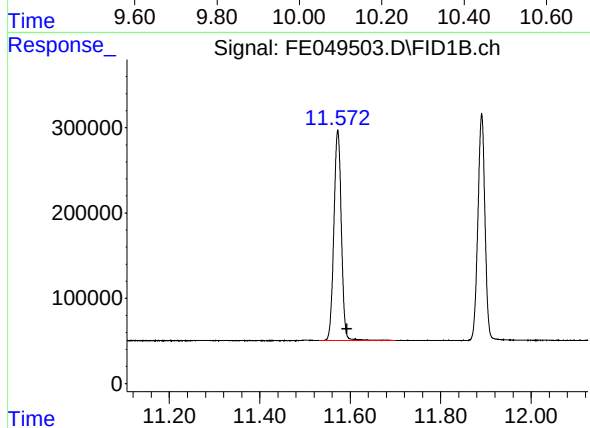
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.019 min
Response: 2748832
Conc: 18.11 ug/ml



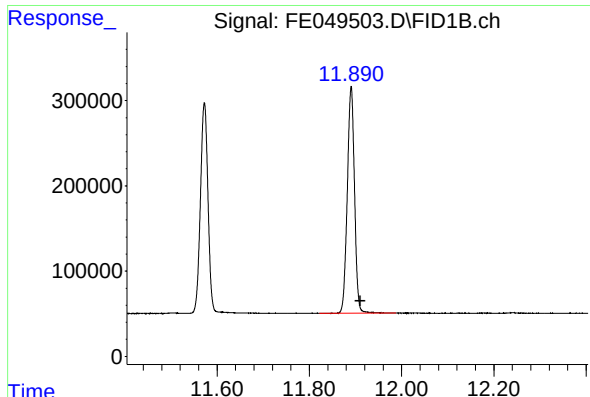
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.019 min
Response: 2793336
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: -0.020 min
Response: 2826168
Conc: 18.61 ug/ml



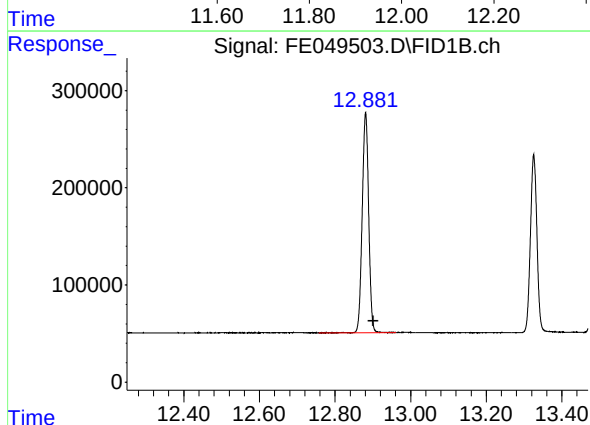
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.020 min
Response: 2886397
Conc: 18.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

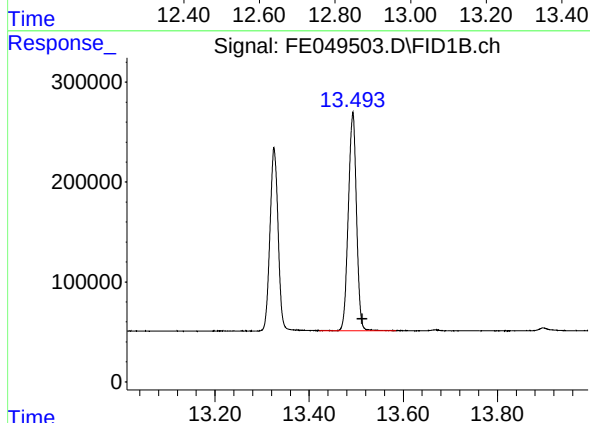
Manual Integrations
APPROVED

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



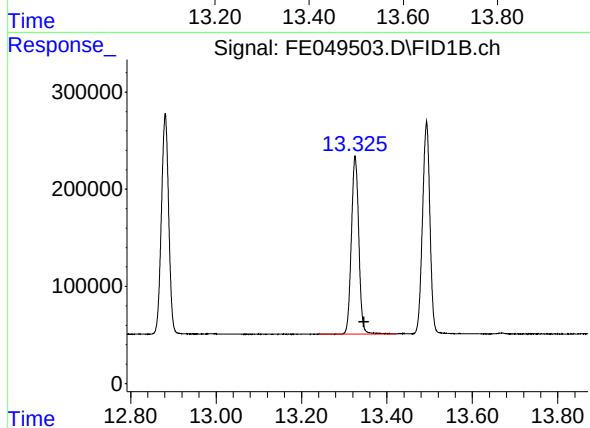
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.020 min
Response: 2680670
Conc: 18.54 ug/ml



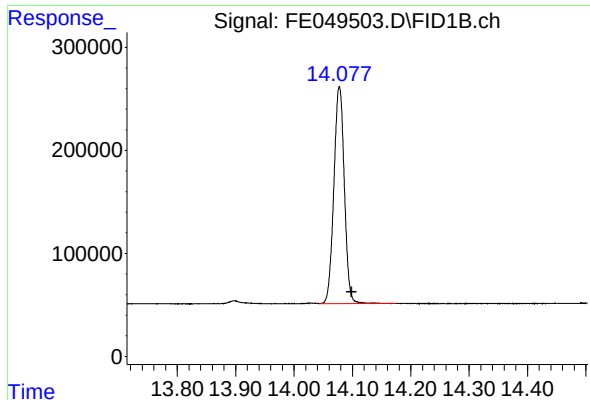
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.020 min
Response: 2641688
Conc: 18.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.326 min
Delta R.T.: -0.021 min
Response: 2206238
Conc: 18.88 ug/ml



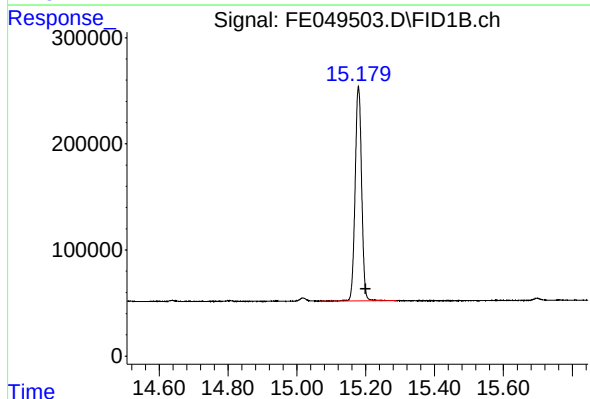
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 2621706
Conc: 18.66 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

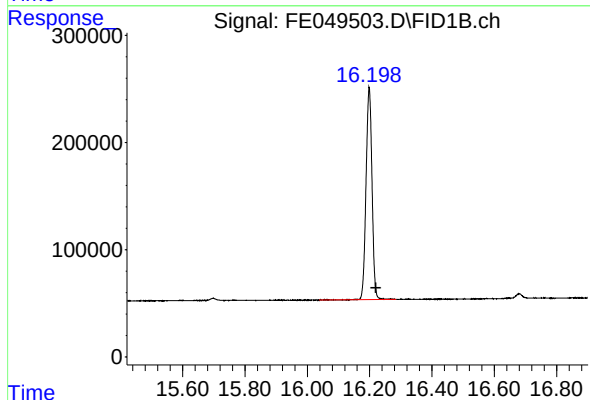
Manual Integrations
APPROVED

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



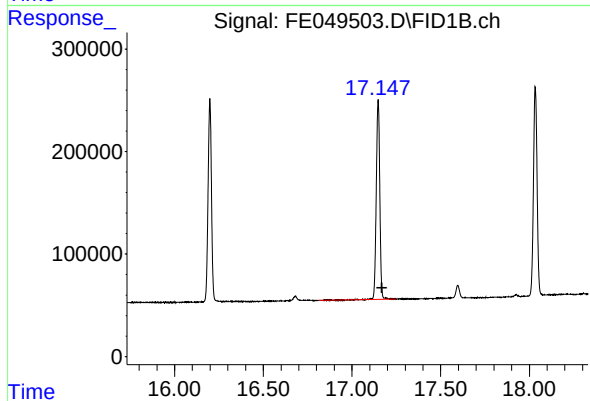
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.021 min
Response: 2646507
Conc: 18.88 ug/ml



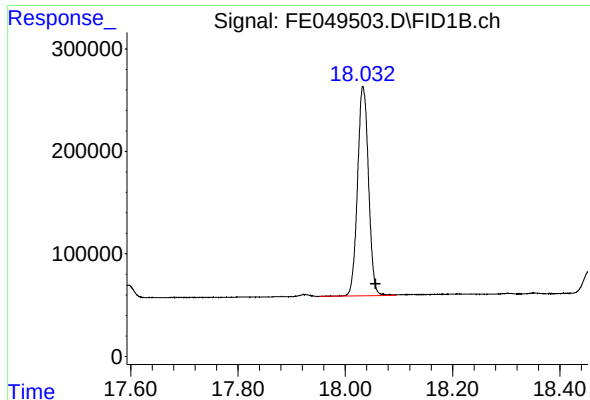
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.022 min
Response: 2635531
Conc: 18.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: -0.023 min
Response: 2689908
Conc: 19.22 ug/ml



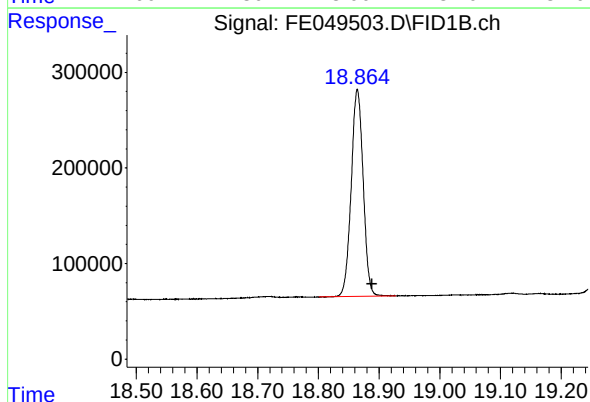
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: -0.023 min
Response: 2913574
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

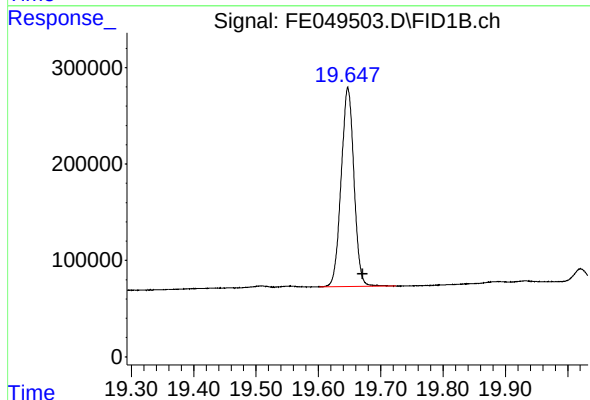
Manual Integrations
APPROVED

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



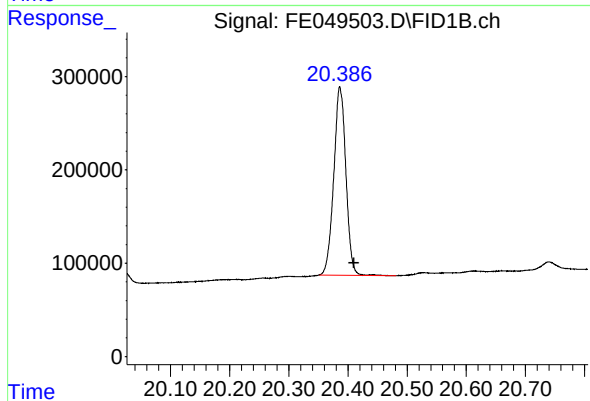
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.024 min
Response: 2973088
Conc: 20.22 ug/ml



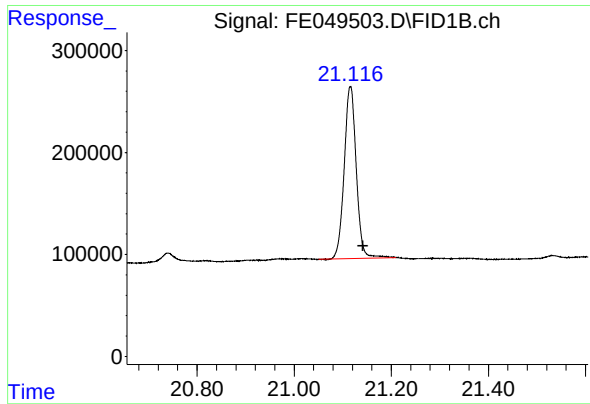
#19 n-Tetratriacontane (C34)

R.T.: 19.648 min
Delta R.T.: -0.023 min
Response: 2946016
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.387 min
Delta R.T.: -0.024 min
Response: 2873533
Conc: 19.93 ug/ml



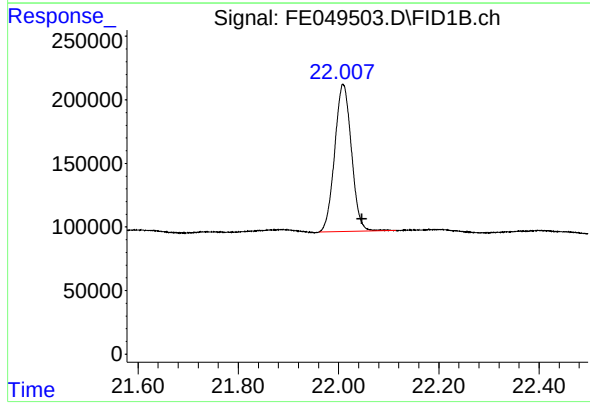
#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.026 min
Response: 2908430
Conc: 19.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

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



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.038 min
Response: 2679777
Conc: 17.76 ug/ml