

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090424AL\
 Data File : FE049910.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2024 07:22
 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 09/04/2024
 Supervised By :Ankita Jodhani 09/05/2024

Integration File: autoint1.e
 Quant Time: Sep 04 08:55:02 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)	11.881	2836796	17.542 ug/ml
Spiked Amount 50.000		Recovery =	35.08%
12) S 1-chlorooctadecane (S...	13.315	2148744	17.612 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
Target Compounds			
1) T n-Nonane (C9)	3.270	2551397	16.487 ug/ml
2) T n-Decane (C10)	4.520	2693795	17.061 ug/ml
3) T A~Naphthalene (C11.7)	6.228	2731855	17.026 ug/ml
4) T n-Dodecane (C12)	6.687	2727080	17.347 ug/ml
5) T A~2-methylnaphthalene...	7.324	2601494	17.372 ug/ml
6) T n-Tetradecane (C14)	8.515	2679746	17.358 ug/ml
7) T n-Hexadecane (C16)	10.120	2748377	17.597 ug/ml
8) T n-Octadecane (C18)	11.562	2769574	17.635 ug/ml
10) T n-Eicosane (C20)	12.870	2650696	17.753 ug/ml
11) T n-Heneicosane (C21)	13.481	2585391	17.624 ug/ml
13) T n-Docosane (C22)	14.066	2603360	17.862 ug/mlm
14) T n-Tetracosane (C24)	15.168	2659217	18.281 ug/ml
15) T n-Hexacosane (C26)	16.188	2657466	18.413 ug/ml
16) T n-Octacosane (C28)	17.137	2765550	19.200 ug/ml
17) T n-Tricontane (C30)	18.023	3037577	20.291 ug/ml
18) T n-Dotriacontane (C32)	18.854	3156430	20.864 ug/ml
19) T n-Tetratriacontane (C34)	19.637	3046371	19.927 ug/ml
20) T n-Hexatriacontane (C36)	20.376	2902626	19.115 ug/ml
21) T n-Octatriacontane (C38)	21.103	2825961	18.005 ug/ml
22) T n-Tetracontane (C40)	21.996	2625911	17.199 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090424AL\
Data File : FE049910.D
Signal(s) : FID1B.ch
Acq On : 04 Sep 2024 07:22
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

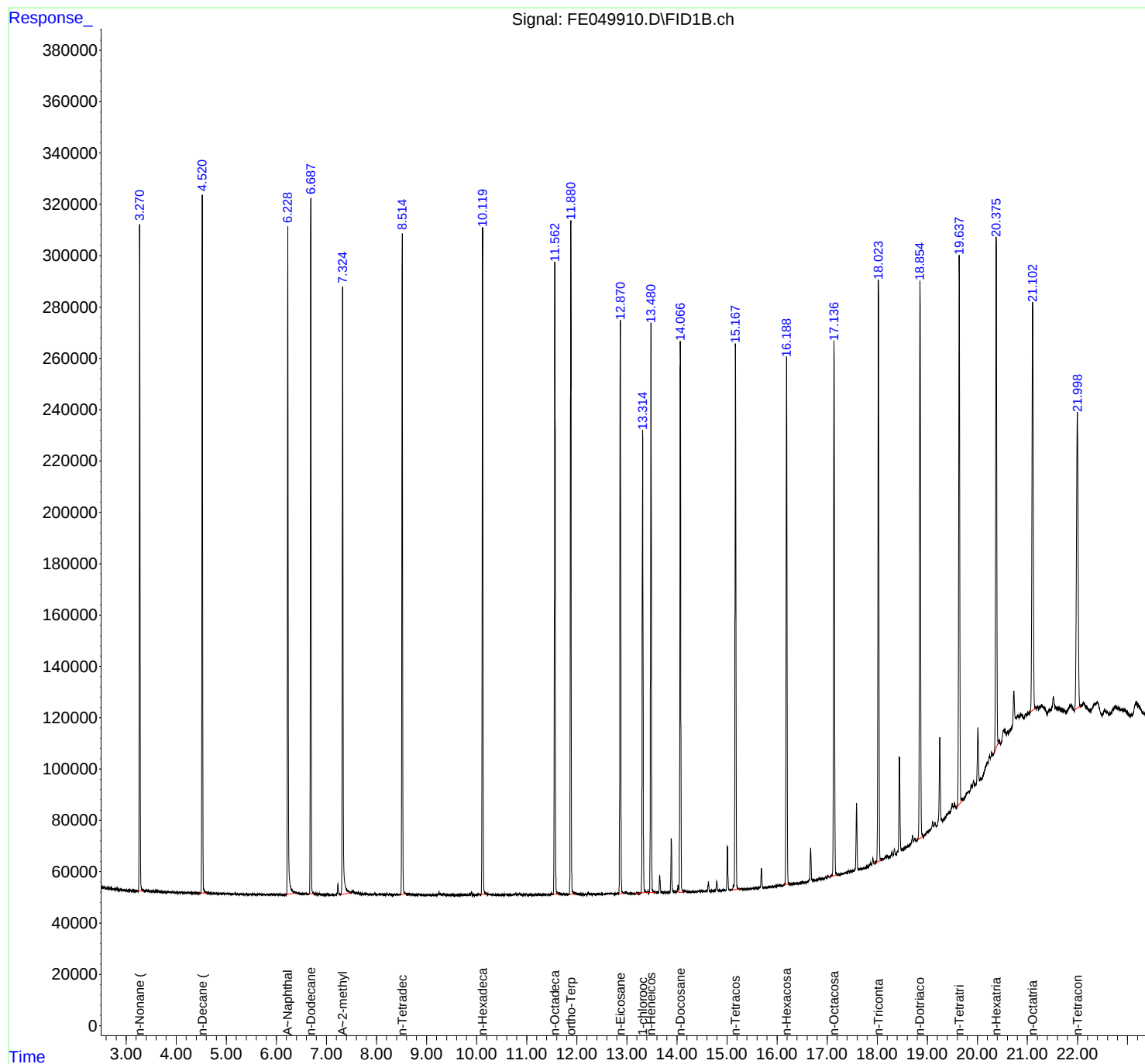
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

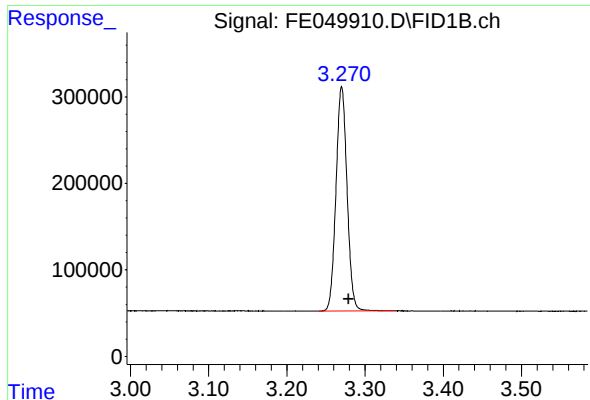
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024

Integration File: autoint1.e
Quant Time: Sep 04 08:55:02 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





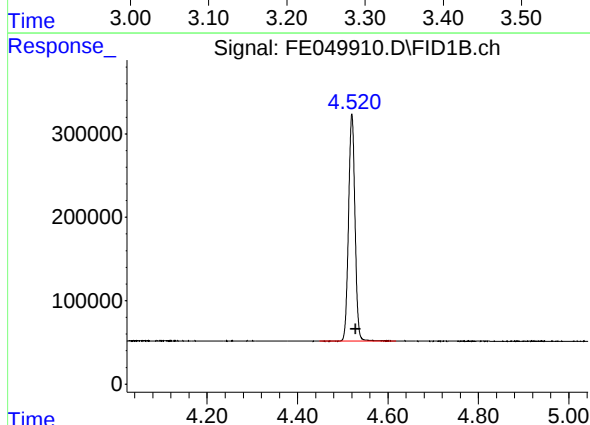
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 2551397
Conc: 16.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

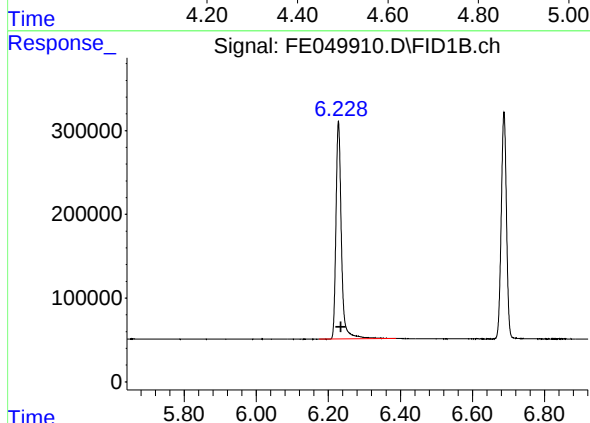
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024



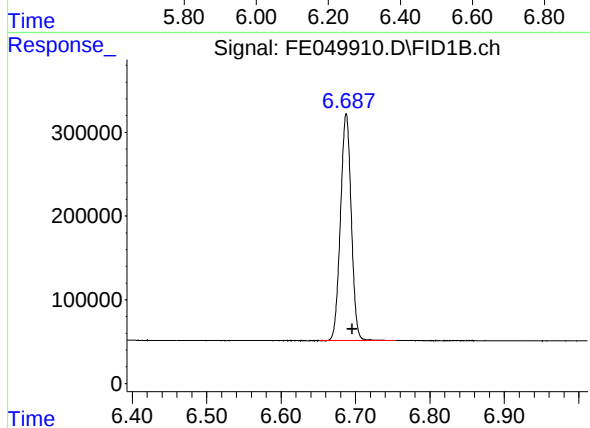
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.008 min
Response: 2693795
Conc: 17.06 ug/ml



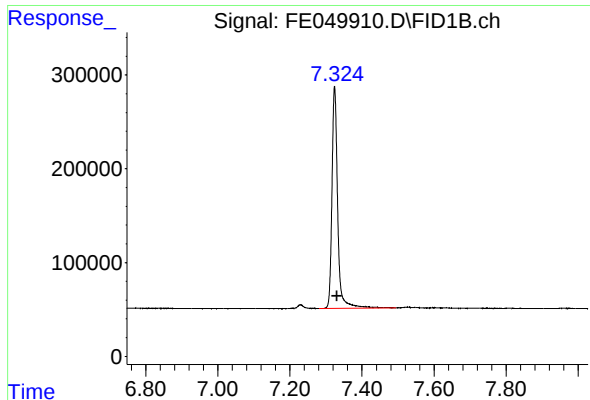
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.007 min
Response: 2731855
Conc: 17.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 2727080
Conc: 17.35 ug/ml



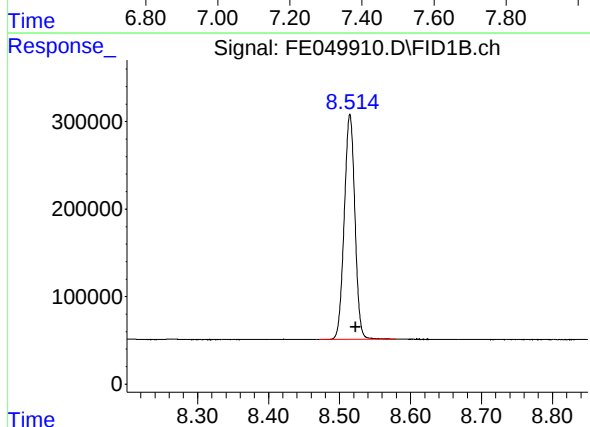
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 2601494
Conc: 17.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

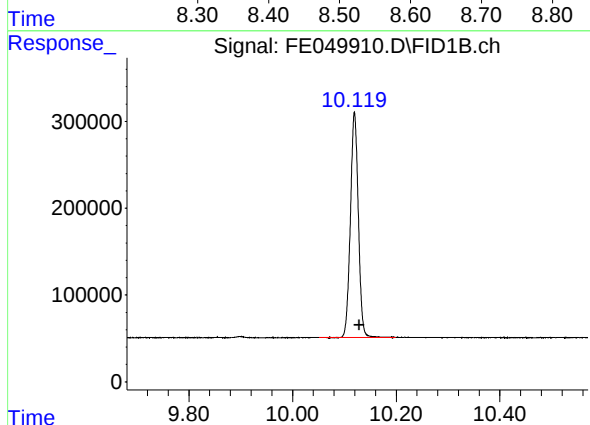
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024



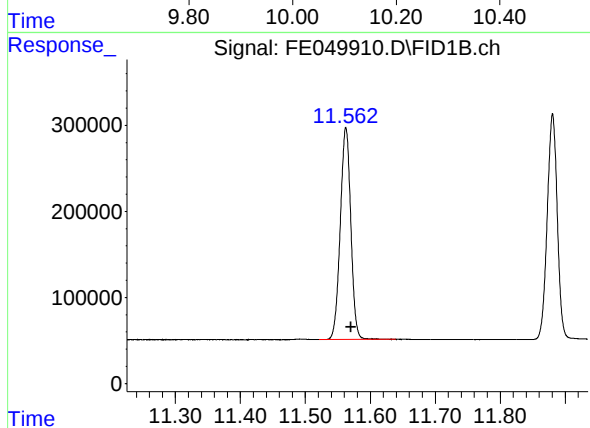
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.008 min
Response: 2679746
Conc: 17.36 ug/ml



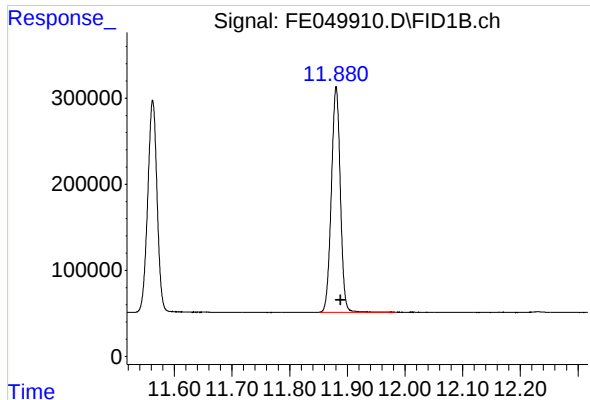
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.009 min
Response: 2748377
Conc: 17.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: -0.008 min
Response: 2769574
Conc: 17.63 ug/ml



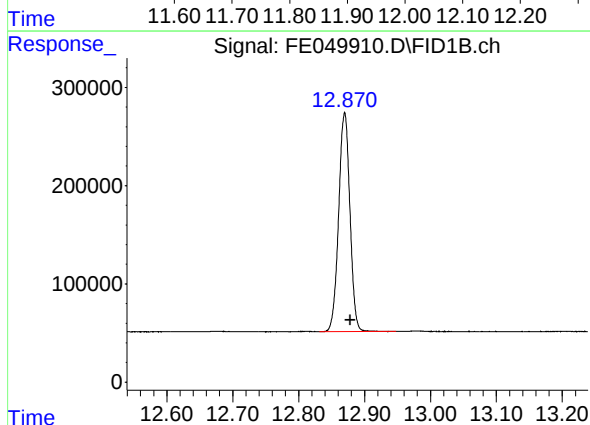
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.008 min
Response: 2836796
Conc: 17.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

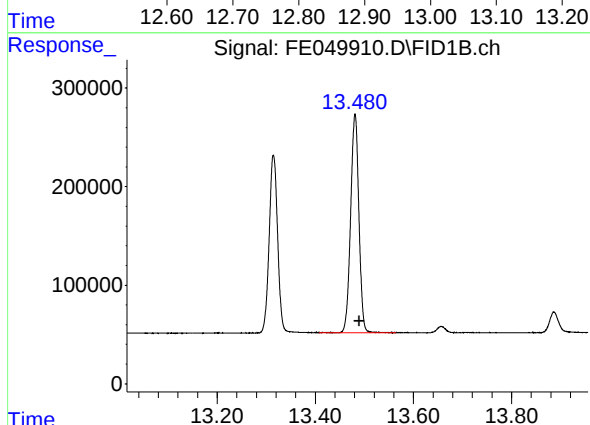
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024



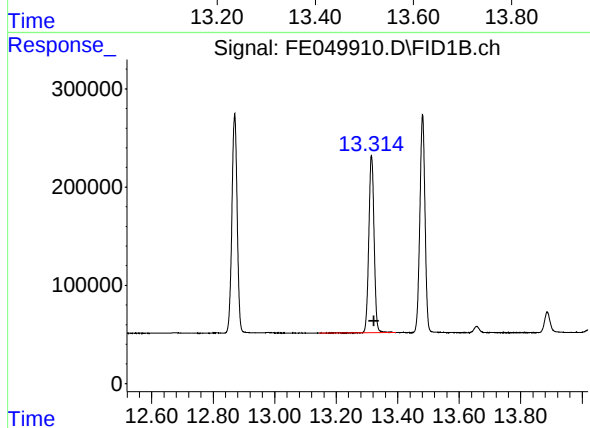
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.009 min
Response: 2650696
Conc: 17.75 ug/ml



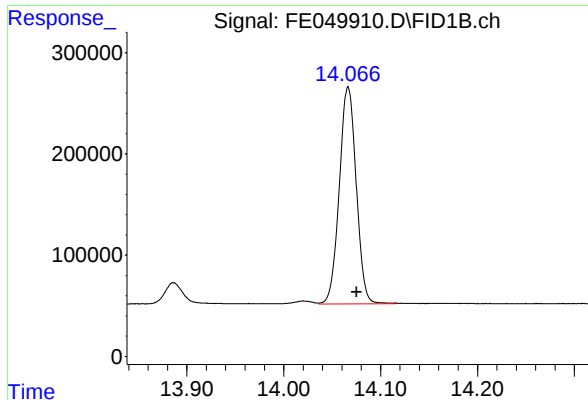
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 2585391
Conc: 17.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.009 min
Response: 2148744
Conc: 17.61 ug/ml



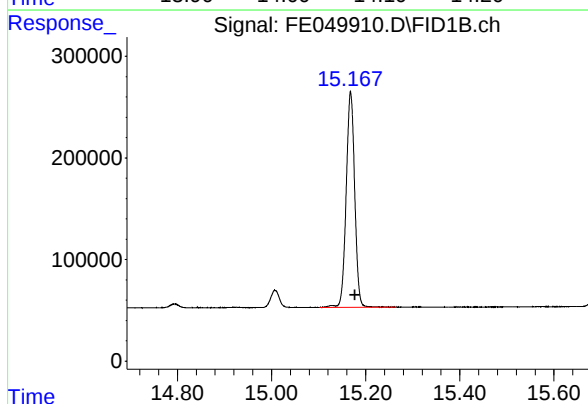
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.009 min
Response: 2603360
Conc: 17.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

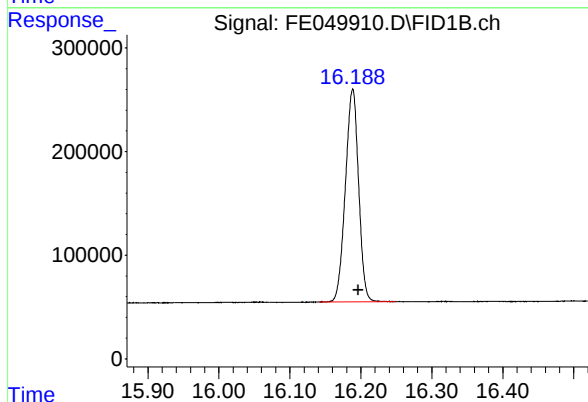
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024



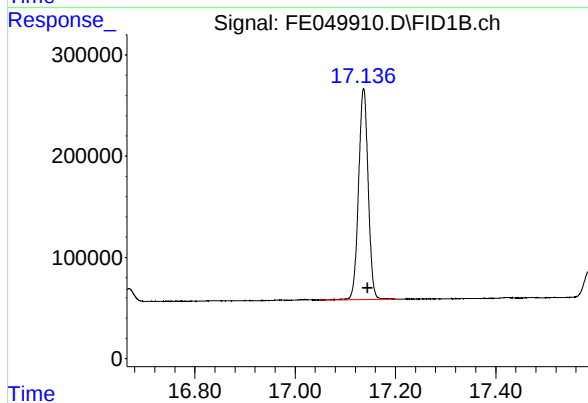
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.009 min
Response: 2659217
Conc: 18.28 ug/ml



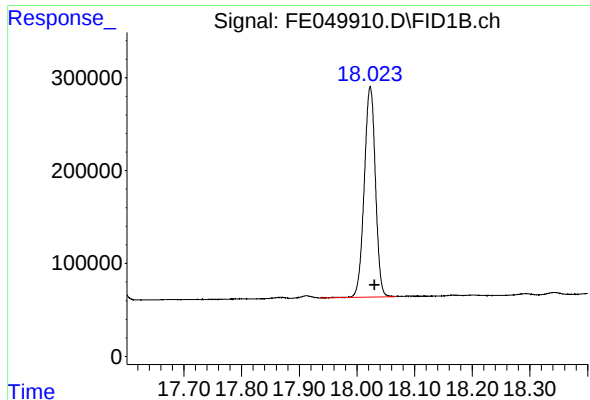
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 2657466
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.008 min
Response: 2765550
Conc: 19.20 ug/ml



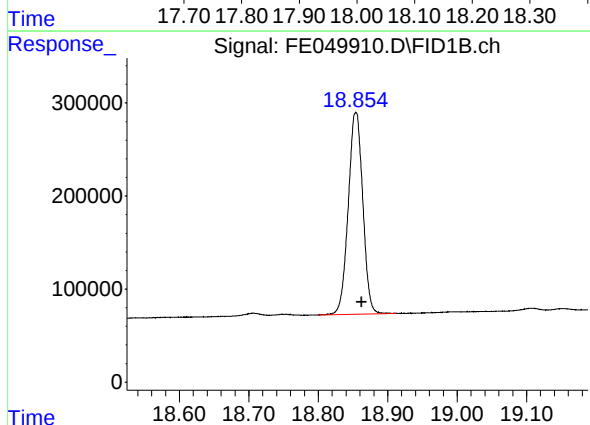
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 3037577
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

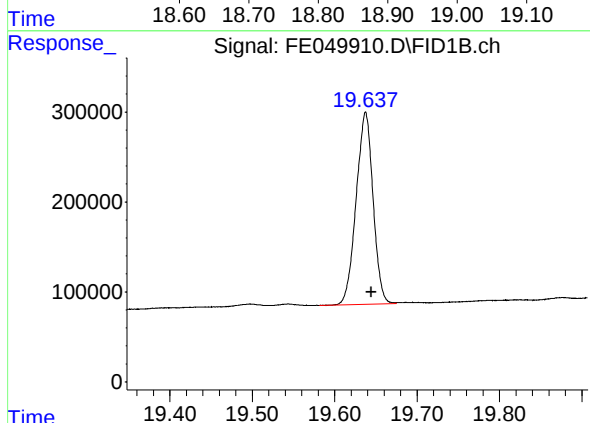
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024



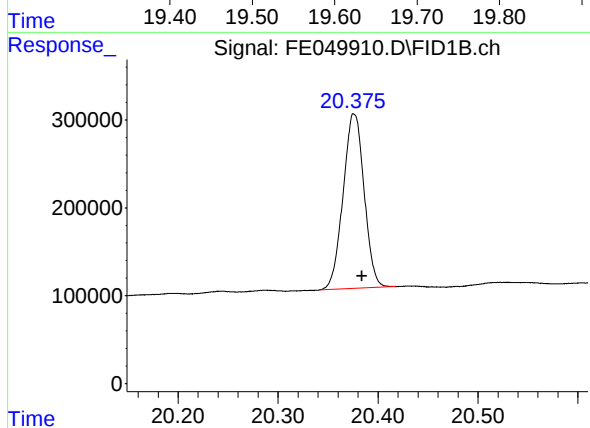
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.008 min
Response: 3156430
Conc: 20.86 ug/ml



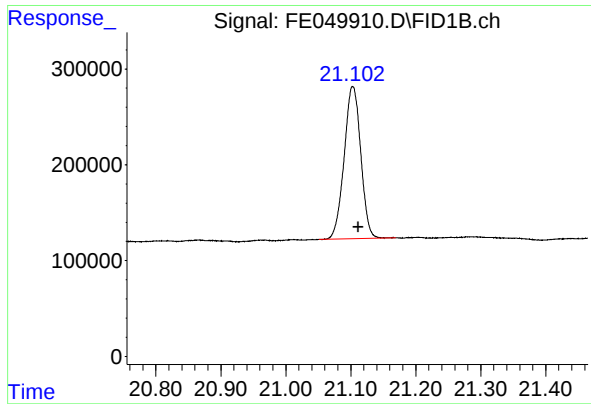
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 3046371
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 2902626
Conc: 19.11 ug/ml



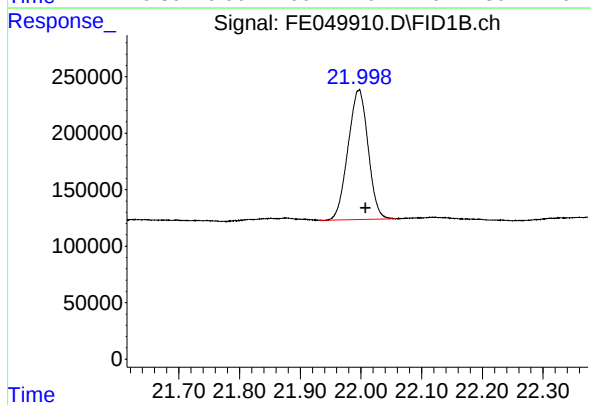
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 2825961
Conc: 18.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/04/2024
Supervised By :Ankita Jodhani 09/05/2024



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.011 min
Response: 2625911
Conc: 17.20 ug/ml