

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
 Data File : FE042940.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 01:24
 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 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
 Quant Time: Jun 27 05:20:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.919	3524642	19.187 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.357	2609662	19.176 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.295	3062840	19.828 ug/ml
2) T n-Decane (C10)	4.548	3131835	19.827 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3364226	19.869 ug/ml
4) T n-Dodecane (C12)	6.718	3171871	19.816 ug/ml
5) T A~2-methylnaphthalene...	7.356	3207008	19.780 ug/ml
6) T n-Tetradecane (C14)	8.548	3146673	19.772 ug/ml
7) T n-Hexadecane (C16)	10.156	3239761	19.671 ug/ml
8) T n-Octadecane (C18)	11.600	3241073	19.499 ug/ml
10) T n-Eicosane (C20)	12.911	3062729	19.301 ug/ml
11) T n-Heneicosane (C21)	13.523	2975379	19.232 ug/ml
13) T n-Docosane (C22)	14.110	2917521	19.153 ug/ml
14) T n-Tetracosane (C24)	15.213	2835697	19.112 ug/ml
15) T n-Hexacosane (C26)	16.235	2737113	19.146 ug/ml
16) T n-Octacosane (C28)	17.186	2688602	19.385 ug/ml
17) T n-Tricontane (C30)	18.075	2783759	19.683 ug/ml
18) T n-Dotriacontane (C32)	18.905	2777940	19.806 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2744311	20.054 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2700319	20.191 ug/mlm
21) T n-Octatriacontane (C38)	21.175	2724572	19.984 ug/mlm
22) T n-Tetracontane (C40)	22.094	2820573	20.273 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062623AL\
Data File : FE042940.D
Signal(s) : FID1B.ch
Acq On : 27 Jun 2023 01:24
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

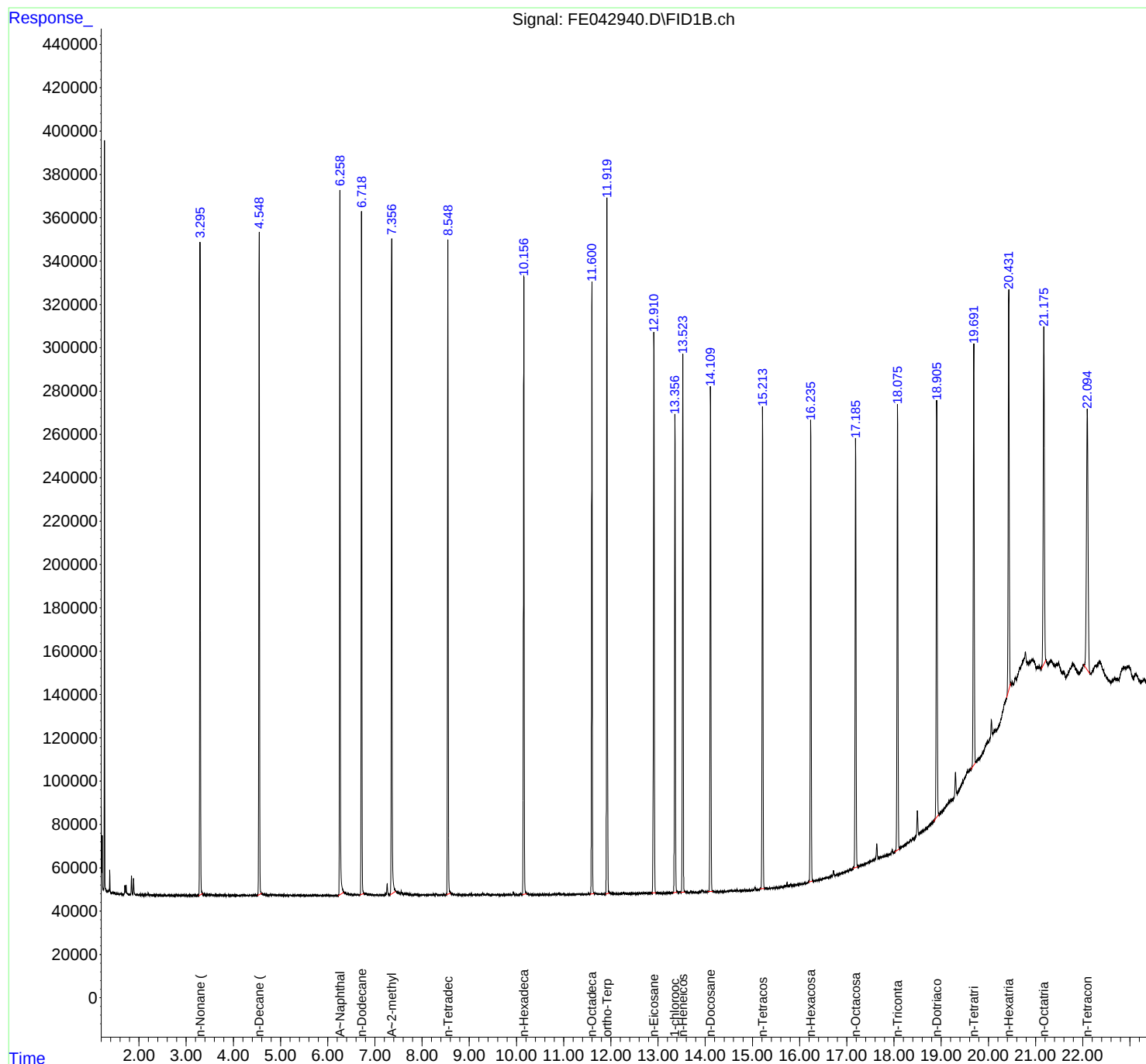
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

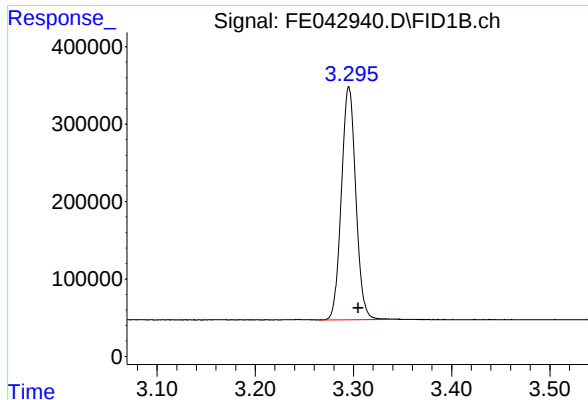
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023

Integration File: autoint1.e
Quant Time: Jun 27 05:20:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.
Quant Title : GC Extractables
QLast Update : Wed Jun 21 11:03:59 2023
Response via : Initial Calibration
Integrator: ChemStation

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





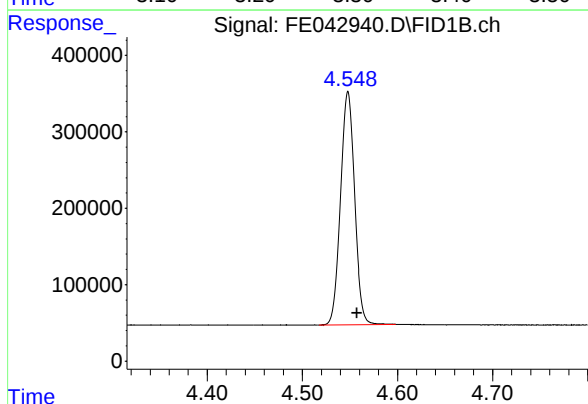
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.010 min
Response: 3062840
Conc: 19.83 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

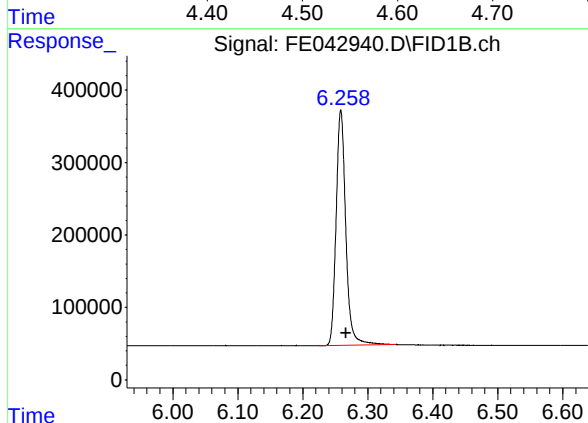
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



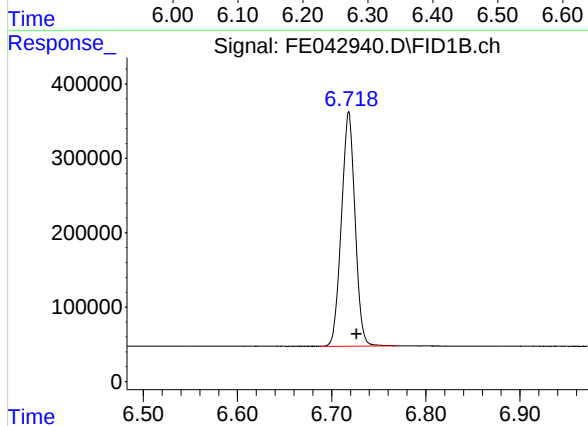
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.009 min
Response: 3131835
Conc: 19.83 ug/ml



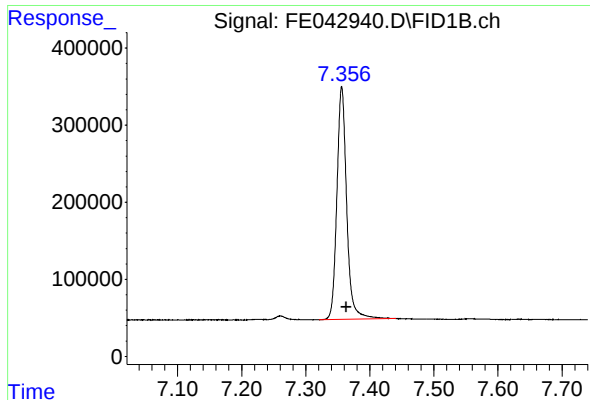
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.008 min
Response: 3364226
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 3171871
Conc: 19.82 ug/ml



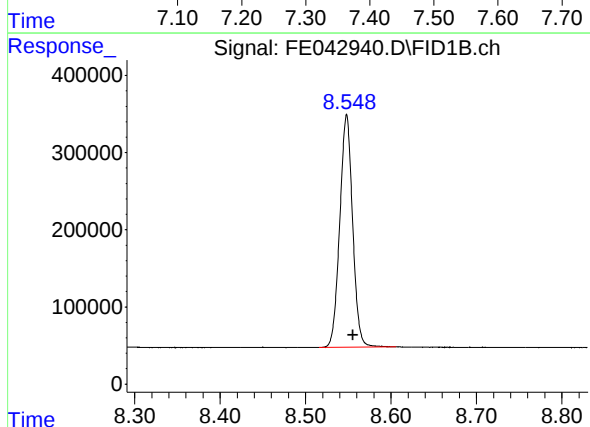
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.007 min
Response: 3207008
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

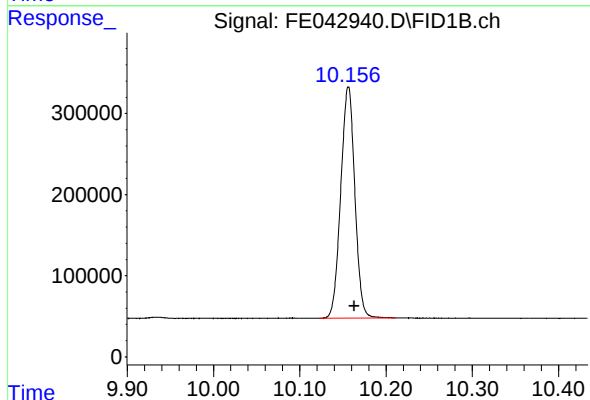
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



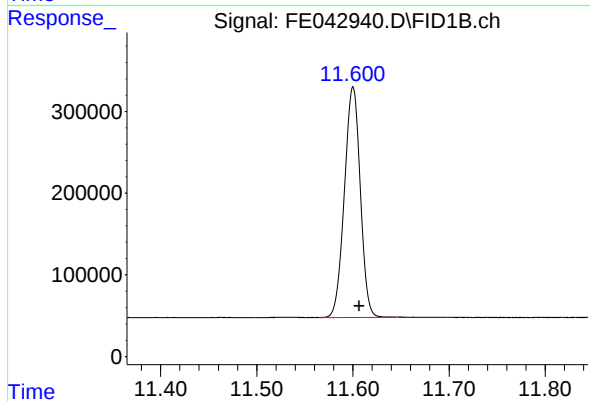
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.007 min
Response: 3146673
Conc: 19.77 ug/ml



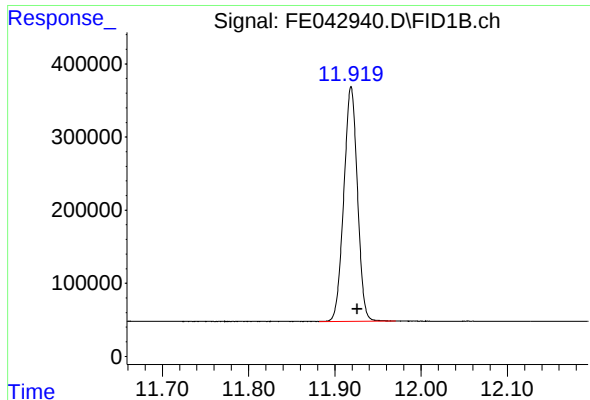
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.007 min
Response: 3239761
Conc: 19.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.006 min
Response: 3241073
Conc: 19.50 ug/ml



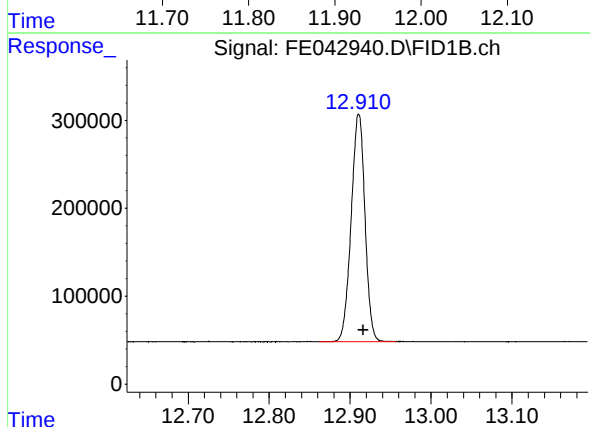
#9 ortho-Terphenyl (SURR)

R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 3524642
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

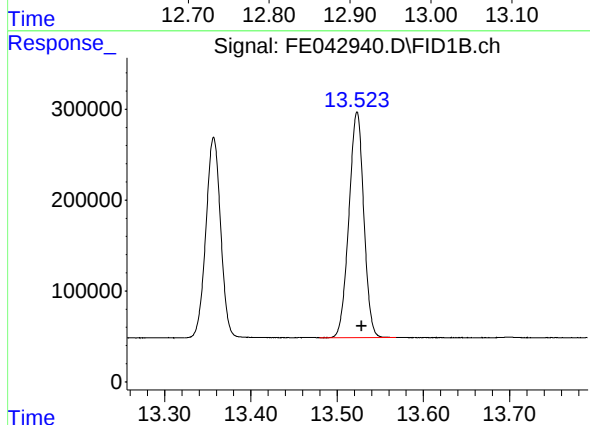
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



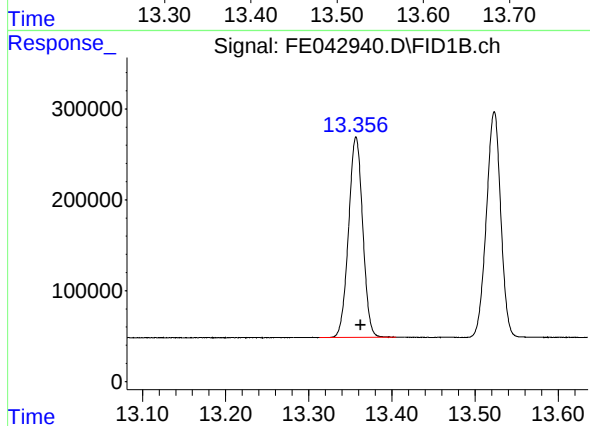
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.005 min
Response: 3062729
Conc: 19.30 ug/ml



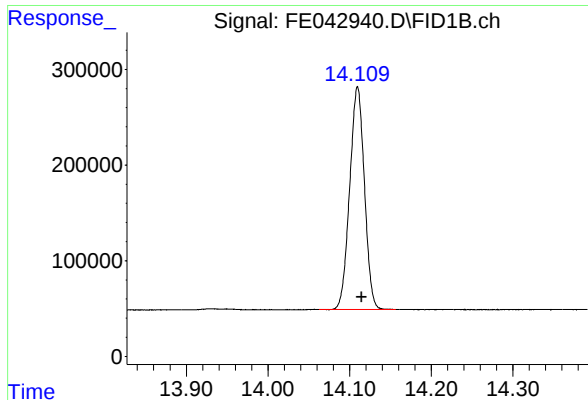
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.005 min
Response: 2975379
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.357 min
Delta R.T.: -0.006 min
Response: 2609662
Conc: 19.18 ug/ml



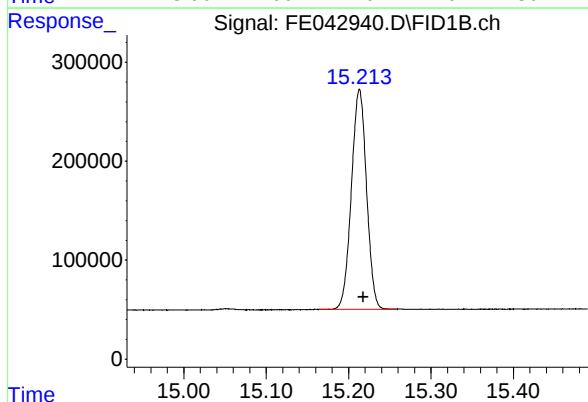
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: -0.005 min
Response: 2917521
Conc: 19.15 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

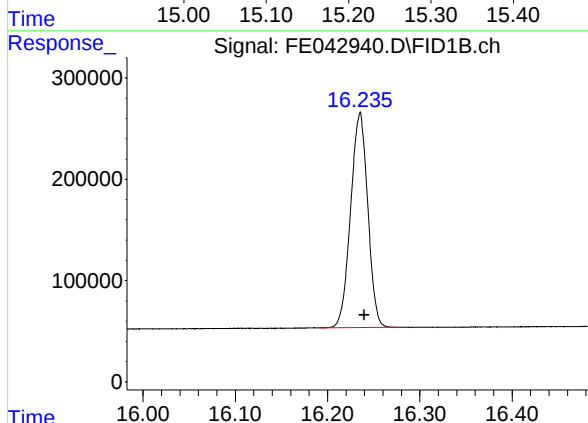
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



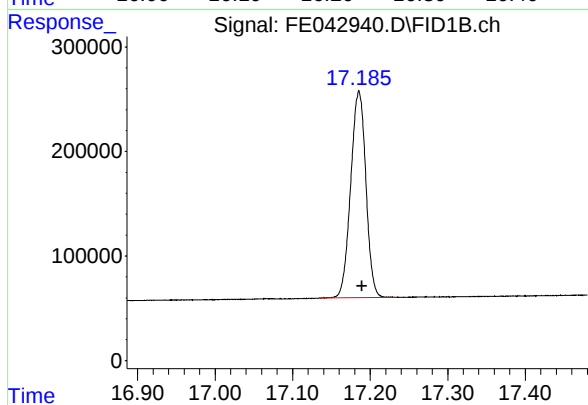
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.005 min
Response: 2835697
Conc: 19.11 ug/ml



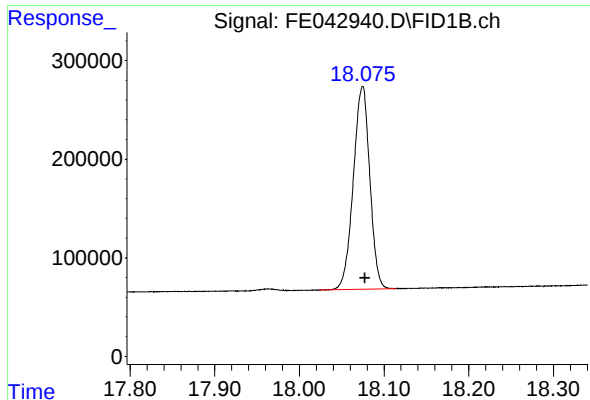
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: -0.004 min
Response: 2737113
Conc: 19.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: -0.004 min
Response: 2688602
Conc: 19.38 ug/ml



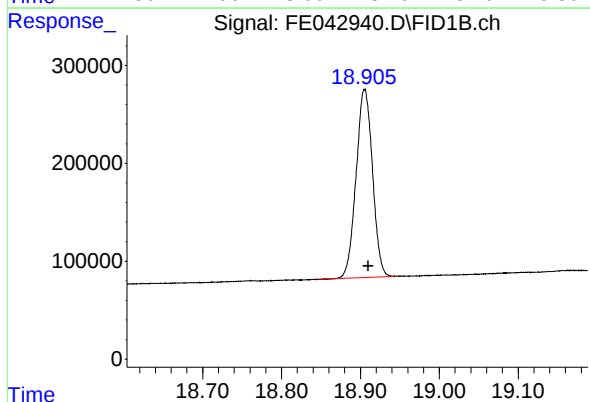
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 2783759
Conc: 19.68 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

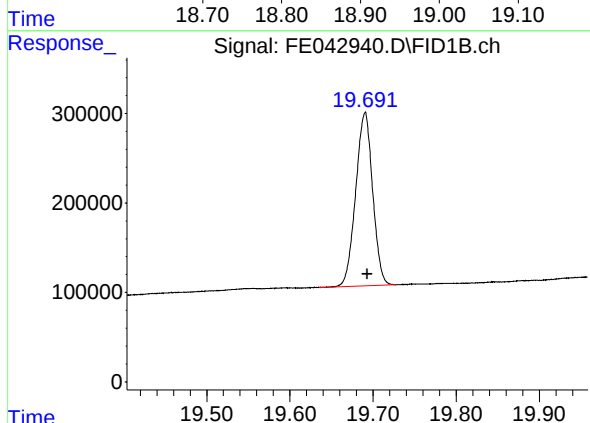
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



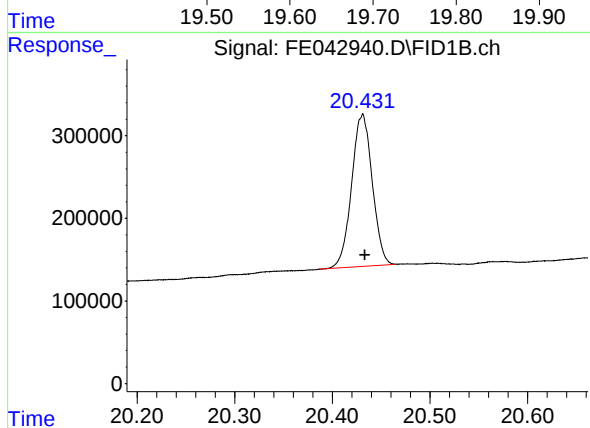
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.005 min
Response: 2777940
Conc: 19.81 ug/ml



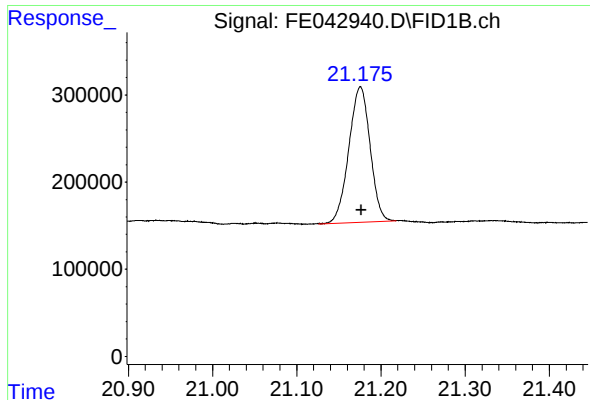
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.003 min
Response: 2744311
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.431 min
Delta R.T.: -0.002 min
Response: 2700319
Conc: 20.19 ug/ml m



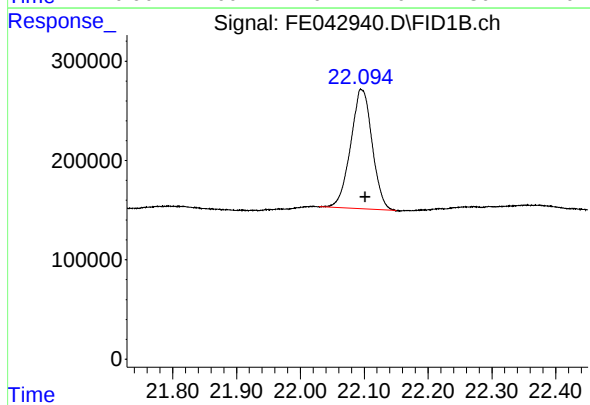
#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.001 min
Response: 2724572
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.007 min
Response: 2820573
Conc: 20.27 ug/ml m