

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013403.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2023 16:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 28 22:21:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.891	2398842	17.460 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
12) S 1-chlorooctadecane (S...	13.331	1846677	17.622 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
Target Compounds			
1) T n-Nonane (C9)	3.276	1791310	16.765 ug/mlm
2) T n-Decane (C10)	4.531	1809022	16.881 ug/ml
3) T A~Naphthalene (C11.7)	6.232	1999954	16.893 ug/ml
4) T n-Dodecane (C12)	6.698	1841125	17.015 ug/ml
5) T A~2-methylnaphthalene...	7.327	2007118	16.933 ug/ml
6) T n-Tetradecane (C14)	8.525	1853441	17.170 ug/ml
7) T n-Hexadecane (C16)	10.132	1889264	17.429 ug/ml
8) T n-Octadecane (C18)	11.576	1920296	17.537 ug/ml
10) T n-Eicosane (C20)	12.886	1941960	17.697 ug/ml
11) T n-Heneicosane (C21)	13.498	1937394	17.634 ug/ml
13) T n-Docosane (C22)	14.085	1964388	17.893 ug/ml
14) T n-Tetracosane (C24)	15.187	2007372	18.271 ug/mlm
15) T n-Hexacosane (C26)	16.208	2017924	18.464 ug/ml
16) T n-Octacosane (C28)	17.158	2039698	18.891 ug/ml
17) T n-Tricontane (C30)	18.045	2124563	19.427 ug/ml
18) T n-Dotriacontane (C32)	18.878	2123134	18.796 ug/ml
19) T n-Tetratriacontane (C34)	19.659	1915753	18.035 ug/ml
20) T n-Hexatriacontane (C36)	20.400	1841448	17.471 ug/ml
21) T n-Octatriacontane (C38)	21.128	1795960	17.782 ug/ml
22) T n-Tetracontane (C40)	22.024	1823181	18.344 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
Data File : FF013403.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2023 16:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

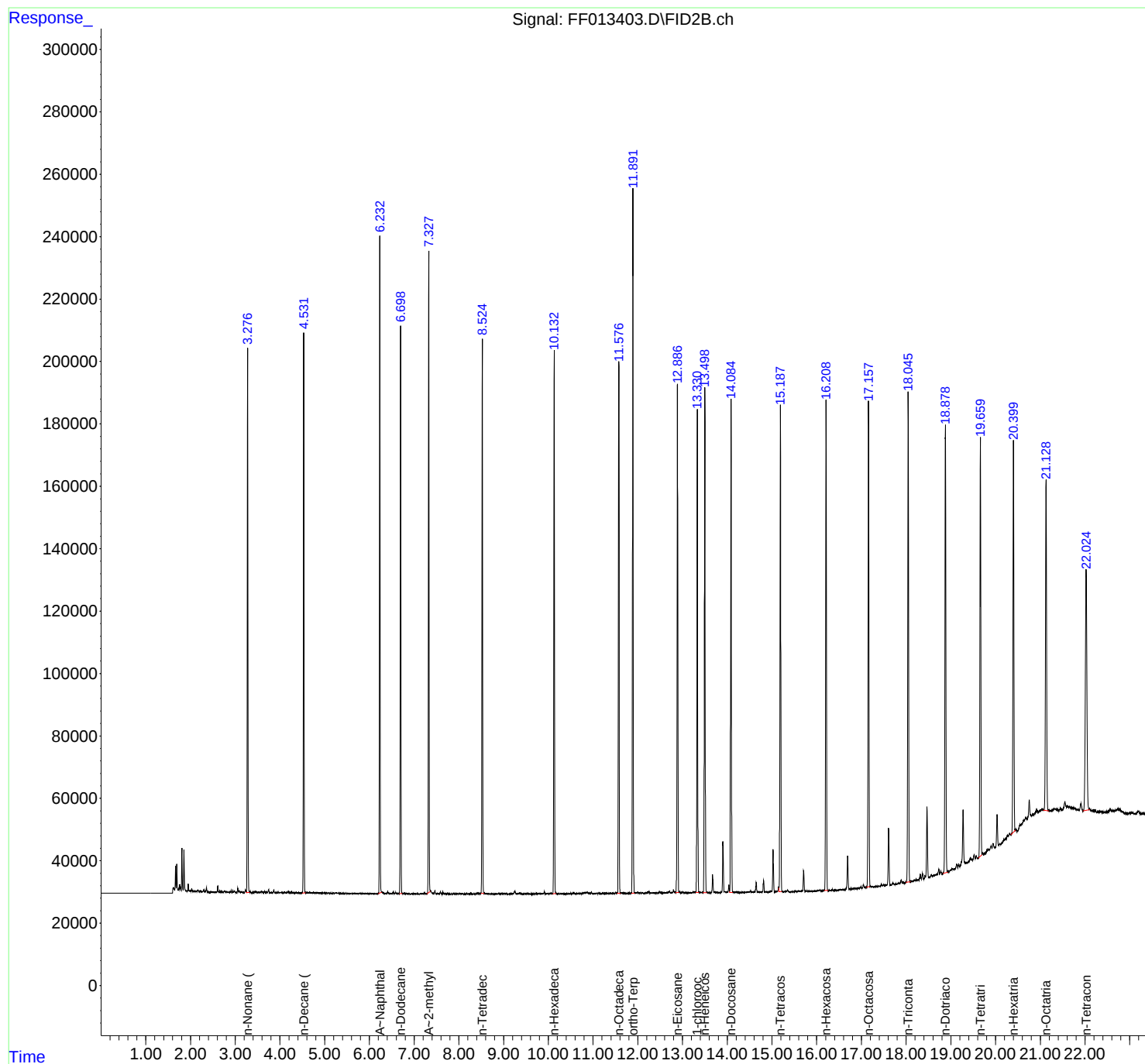
Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

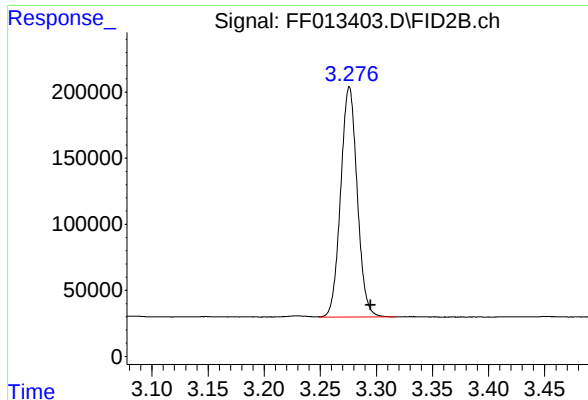
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
Quant Time: Aug 28 22:21:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:05:52 2023
Response via : Initial Calibration
Integrator: ChemStation

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





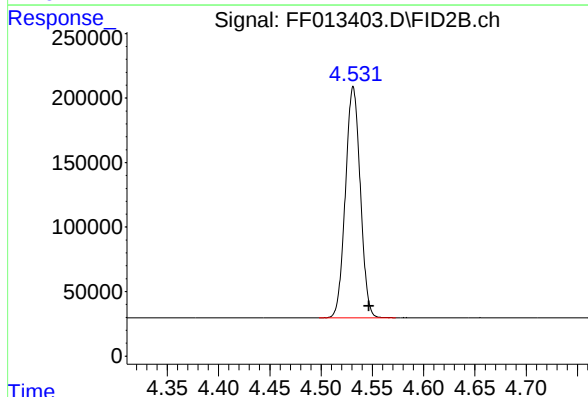
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.019 min
Response: 1791310
Conc: 16.76 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

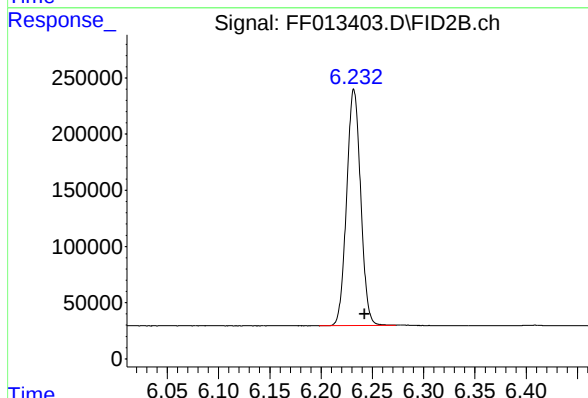
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



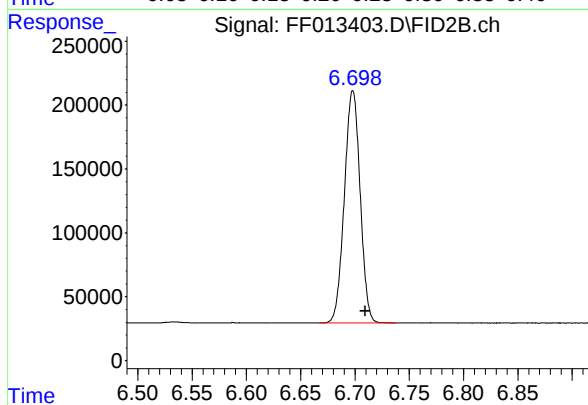
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.015 min
Response: 1809022
Conc: 16.88 ug/ml



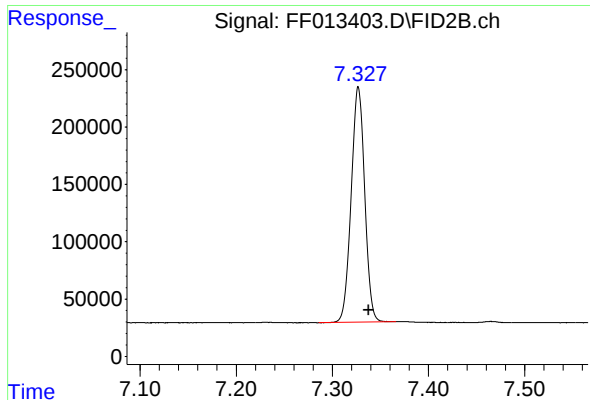
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.010 min
Response: 1999954
Conc: 16.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 1841125
Conc: 17.01 ug/ml



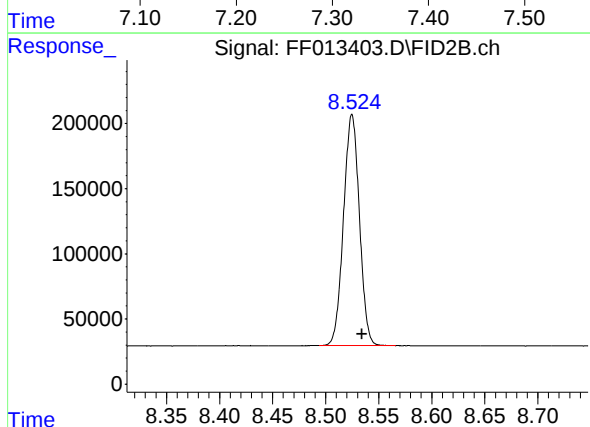
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 2007118
Conc: 16.93 ug/ml

Instrument : FID_F
ClientSampleId : 20 PPM ALIPHATIC HC STD

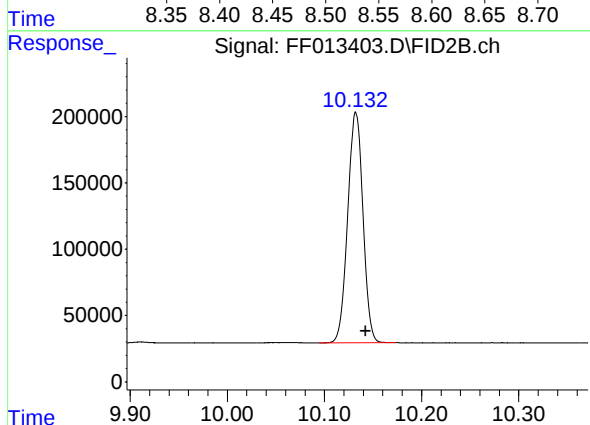
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



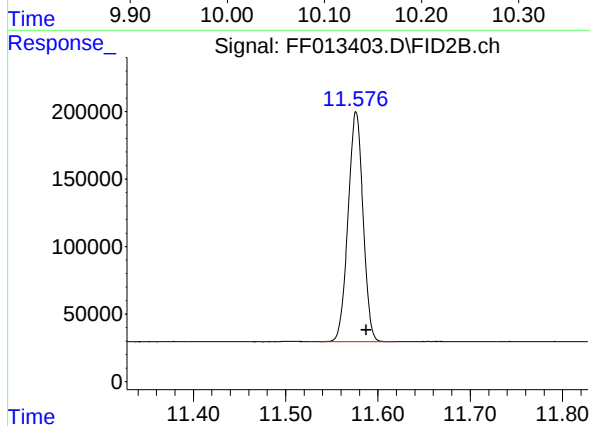
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.009 min
Response: 1853441
Conc: 17.17 ug/ml



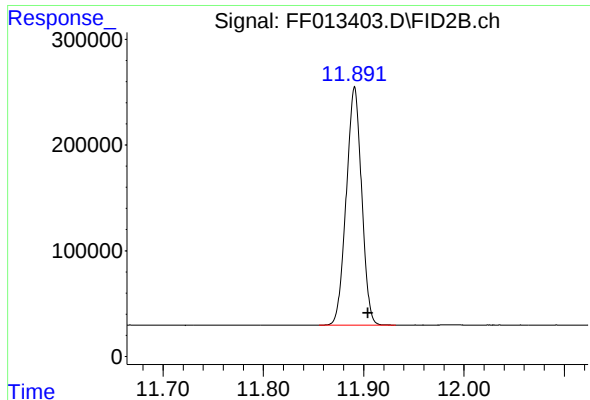
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.010 min
Response: 1889264
Conc: 17.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.011 min
Response: 1920296
Conc: 17.54 ug/ml



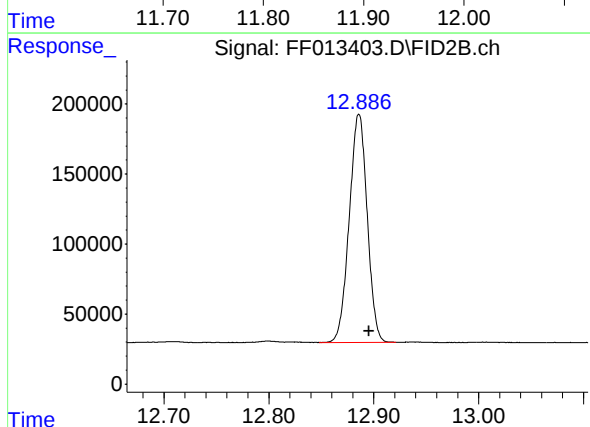
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.013 min
Response: 2398842
Conc: 17.46 ug/ml

Instrument : FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

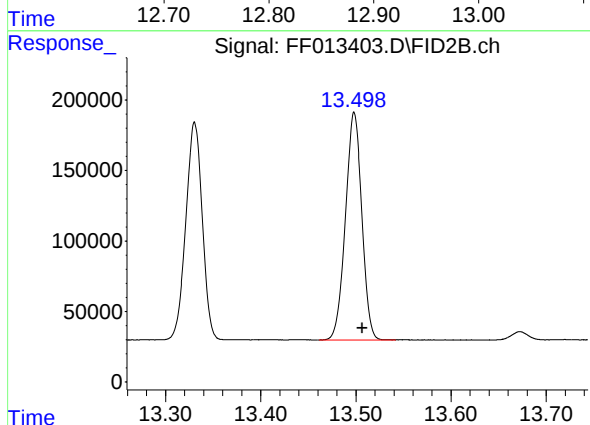
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



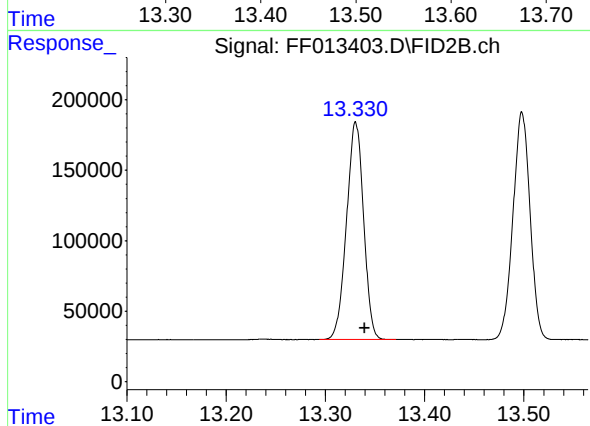
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 1941960
Conc: 17.70 ug/ml



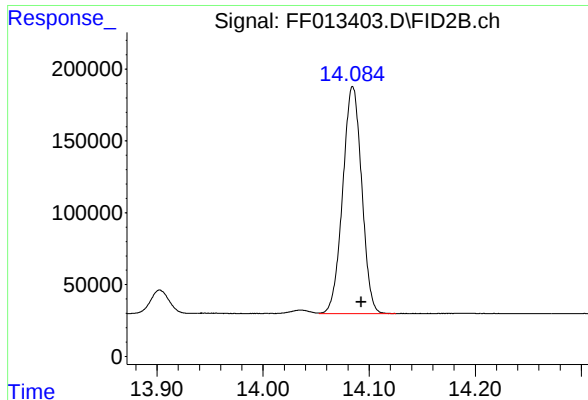
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 1937394
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.009 min
Response: 1846677
Conc: 17.62 ug/ml



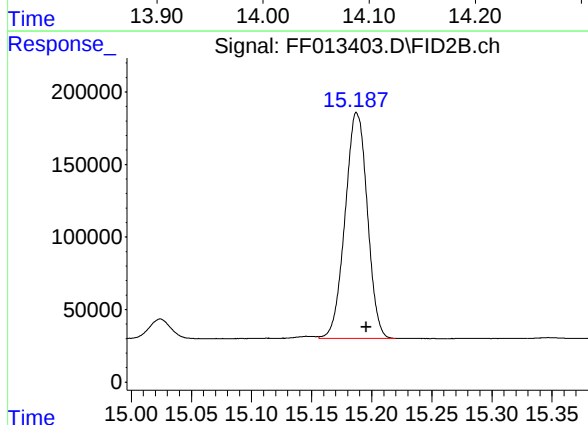
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 1964388
Conc: 17.89 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

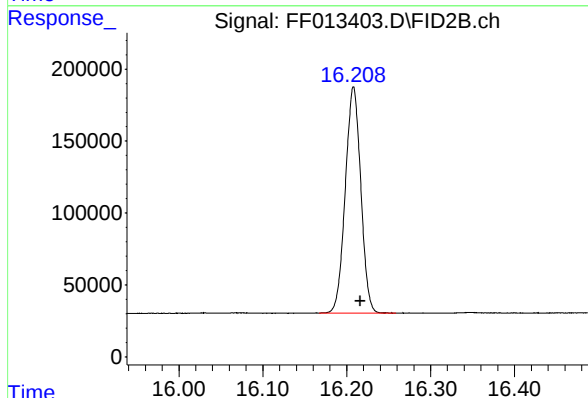
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



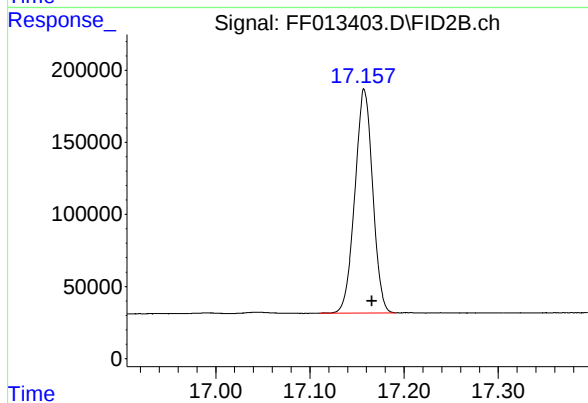
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.009 min
Response: 2007372
Conc: 18.27 ug/ml



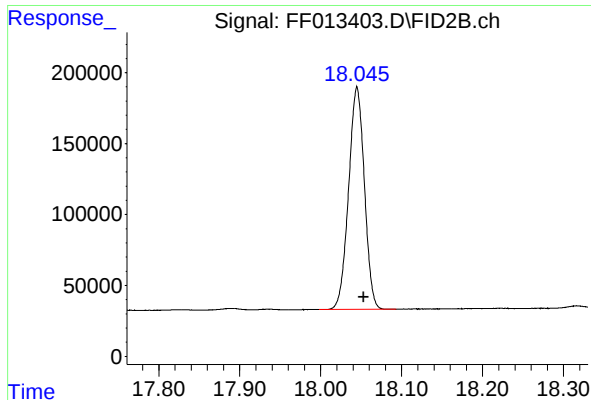
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 2017924
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.158 min
Delta R.T.: -0.008 min
Response: 2039698
Conc: 18.89 ug/ml



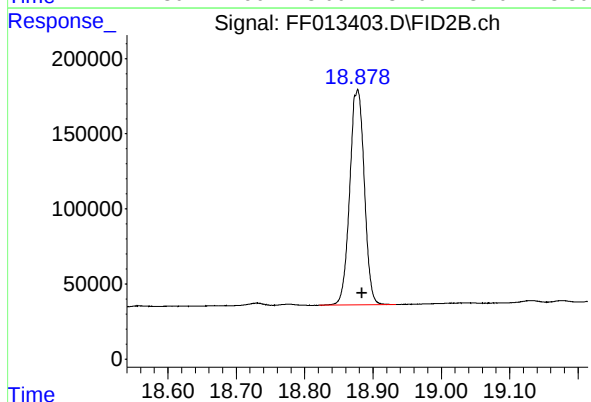
#17 n-Tricontane (C30)

R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 2124563
Conc: 19.43 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

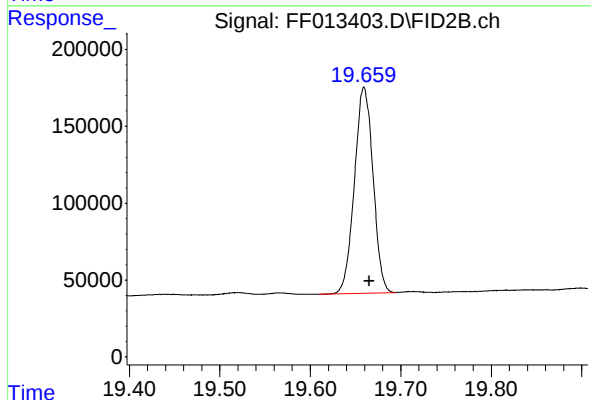
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



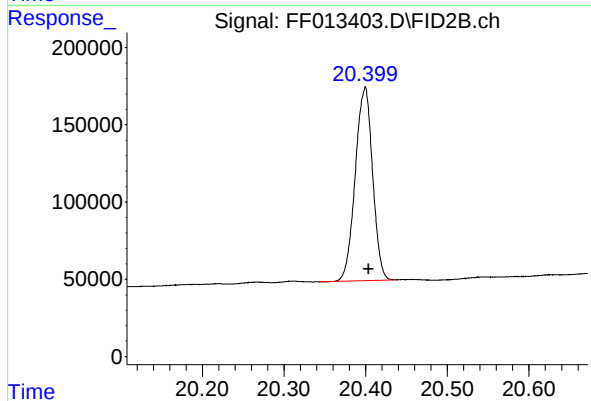
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.006 min
Response: 2123134
Conc: 18.80 ug/ml



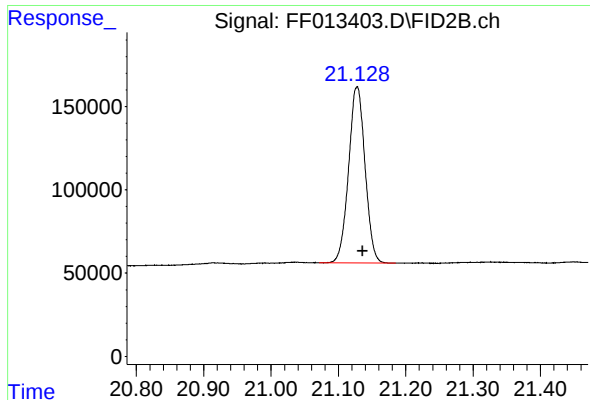
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.006 min
Response: 1915753
Conc: 18.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: -0.004 min
Response: 1841448
Conc: 17.47 ug/ml



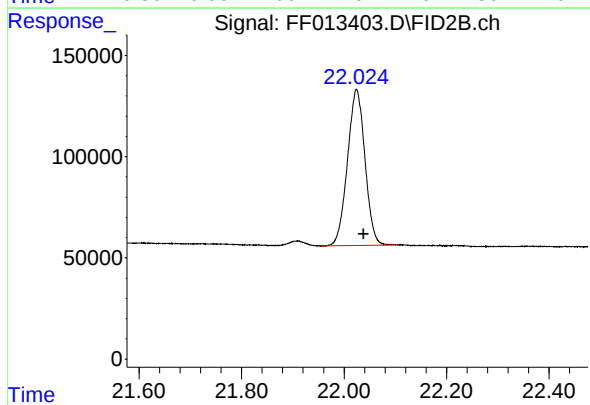
#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.008 min
Response: 1795960
Conc: 17.78 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: -0.014 min
Response: 1823181
Conc: 18.34 ug/ml