

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091322AL\
 Data File : FC061501.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2022 05:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2022
 Supervised By :Ankita Jodhani 09/14/2022

Integration File: sample.E
 Quant Time: Sep 14 06:51:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.575	3279419	18.525 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	13.014	2582647	18.441 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
Target Compounds			
1) T n-Nonane (C9)	3.331	3132231	20.717 ug/ml
2) T n-Decane (C10)	4.399	3145873	20.732 ug/ml
3) T A~Naphthalene (C11.7)	5.983	3526469	20.372 ug/ml
4) T n-Dodecane (C12)	6.416	3169458	20.465 ug/ml
5) T A~2-methylnaphthalene...	7.040	3546086	20.139 ug/ml
6) T n-Tetradecane (C14)	8.214	3144549	20.104 ug/ml
7) T n-Hexadecane (C16)	9.816	3101249	19.800 ug/ml
8) T n-Octadecane (C18)	11.259	3057452	19.380 ug/ml
10) T n-Eicosane (C20)	12.569	2929331	18.843 ug/ml
11) T n-Heneicosane (C21)	13.181	2895062	18.509 ug/ml
13) T n-Docosane (C22)	13.767	2834242	18.264 ug/ml
14) T n-Tetracosane (C24)	14.871	2740174	17.713 ug/ml
15) T n-Hexacosane (C26)	15.891	2633462	17.498 ug/ml
16) T n-Octacosane (C28)	16.841	2568497	17.389 ug/ml
17) T n-Tricontane (C30)	17.728	2499956	18.100 ug/ml
18) T n-Dotriacontane (C32)	18.559	2024307	18.442 ug/mlm
19) T n-Tetratriacontane (C34)	19.343	1562523	20.243 ug/ml
20) T n-Hexatriacontane (C36)	20.081	1128957	19.996 ug/ml
21) T n-Octatriacontane (C38)	20.816	1096633	23.639 ug/mlm
22) T n-Tetracontane (C40)	21.730	834052	19.885 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091322AL\
Data File : FC061501.D
Signal(s) : FID1A.ch
Acq On : 14 Sep 2022 05:57
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

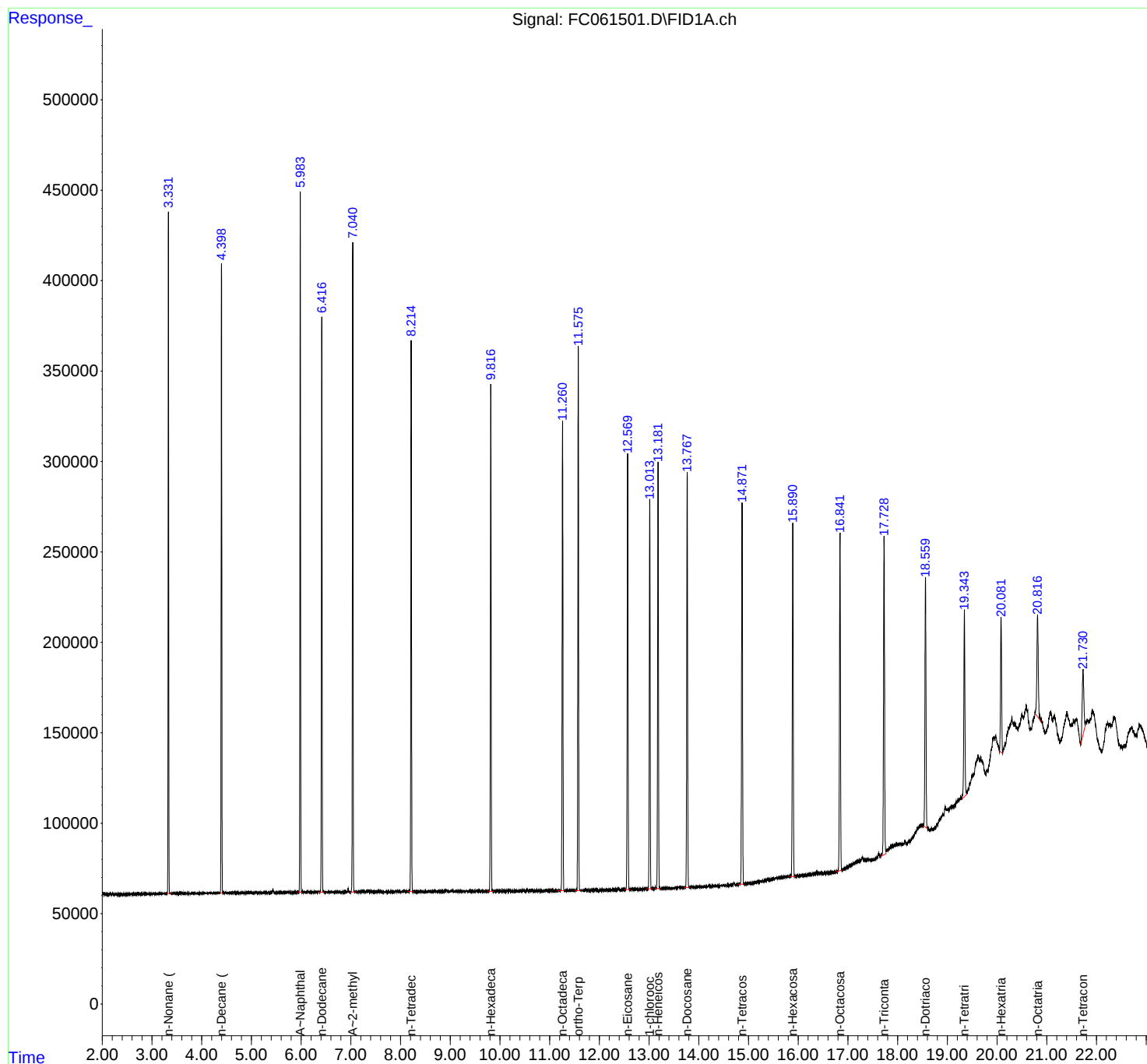
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

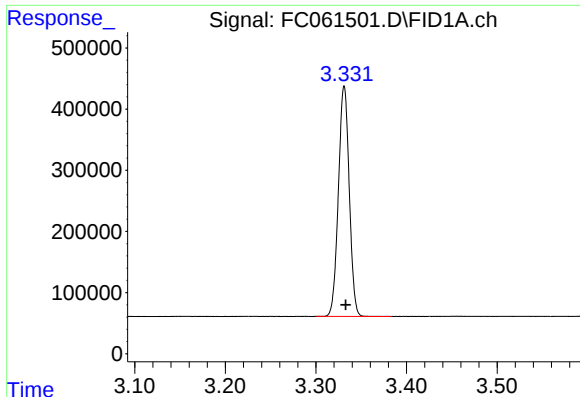
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022

Integration File: sample.E
Quant Time: Sep 14 06:51:49 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
Quant Title : GC Extractables
QLast Update : Wed Aug 31 11:58:37 2022
Response via : Initial Calibration
Integrator: ChemStation

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





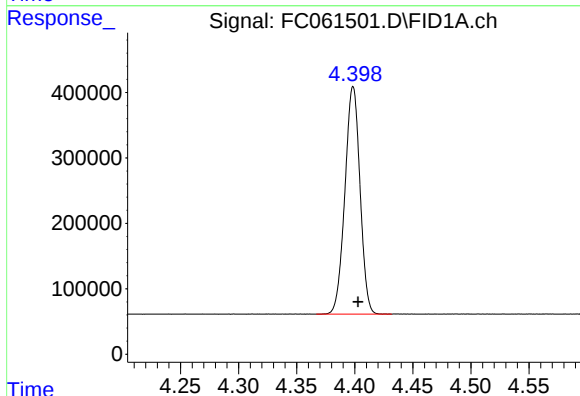
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 3132231
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

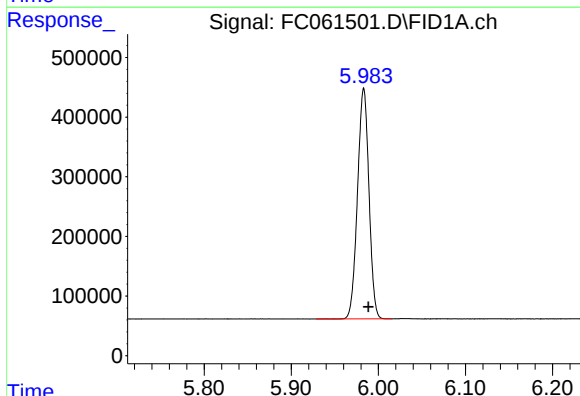
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



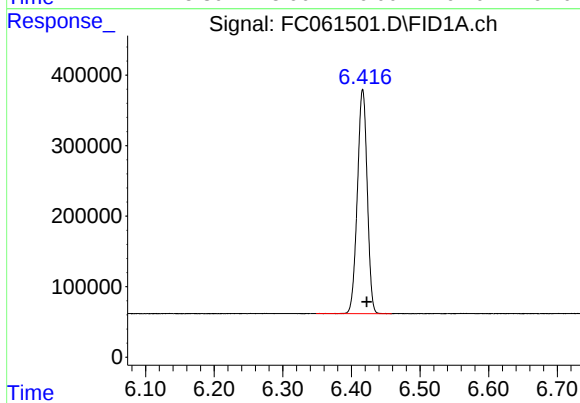
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.004 min
Response: 3145873
Conc: 20.73 ug/ml



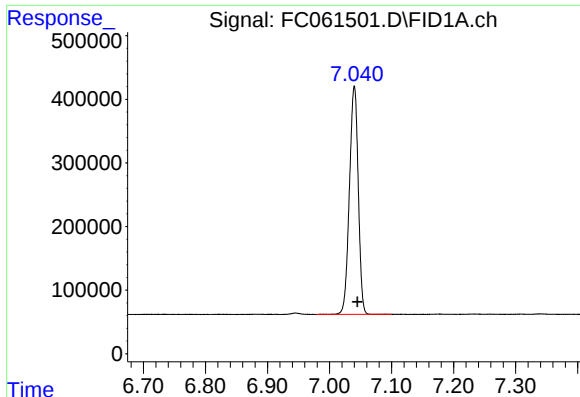
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.005 min
Response: 3526469
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 3169458
Conc: 20.46 ug/ml



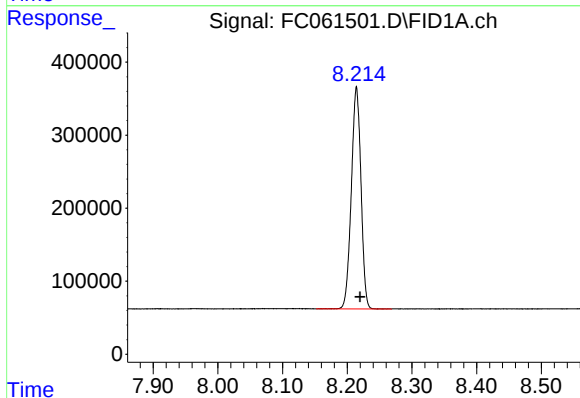
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.005 min
Response: 3546086
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

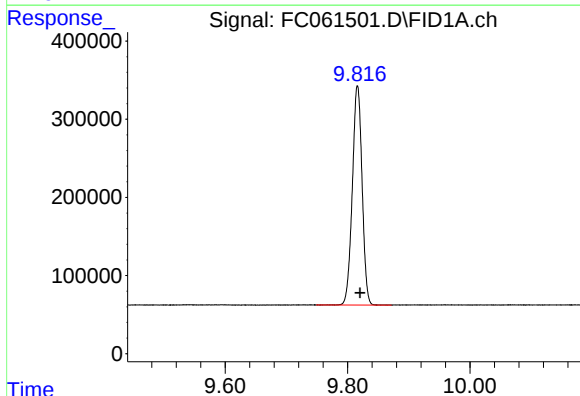
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



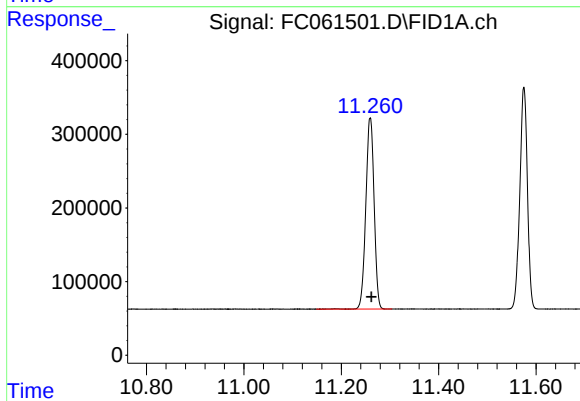
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 3144549
Conc: 20.10 ug/ml



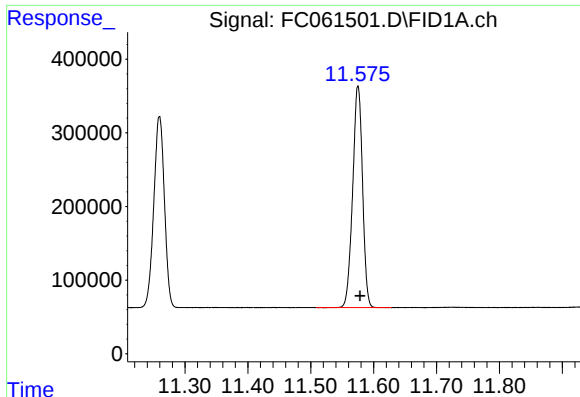
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: -0.004 min
Response: 3101249
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.002 min
Response: 3057452
Conc: 19.38 ug/ml



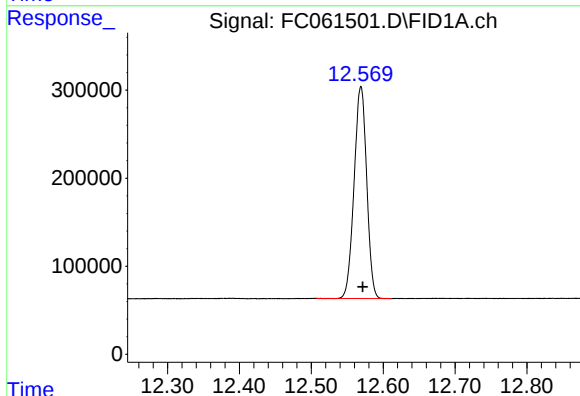
#9 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: -0.003 min
Response: 3279419
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

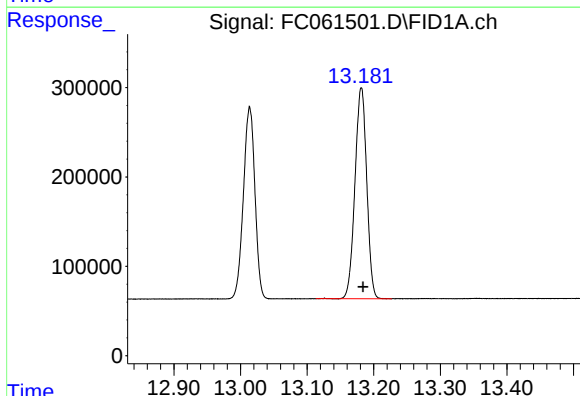
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



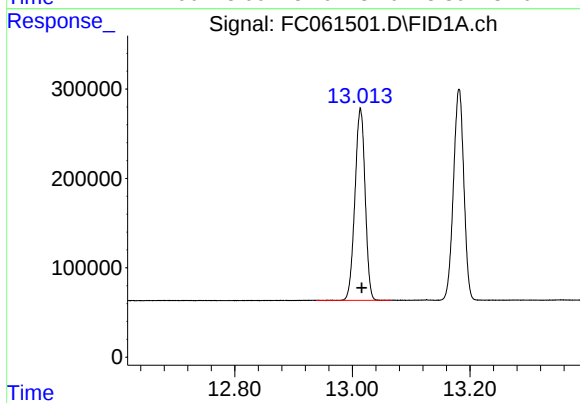
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.002 min
Response: 2929331
Conc: 18.84 ug/ml



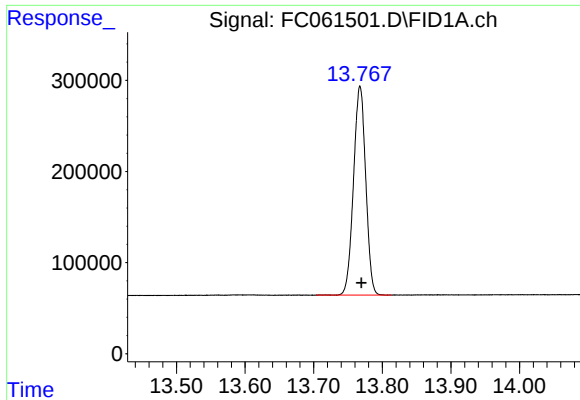
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: -0.003 min
Response: 2895062
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.014 min
Delta R.T.: -0.002 min
Response: 2582647
Conc: 18.44 ug/ml



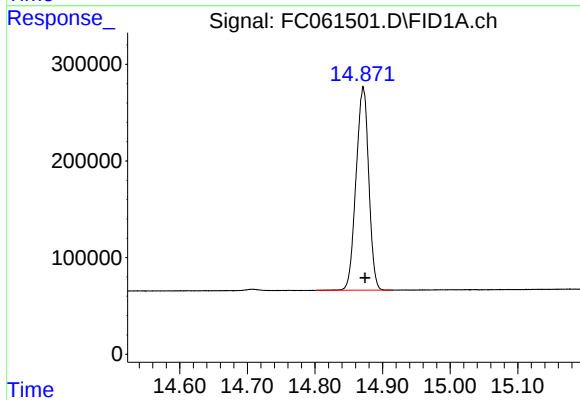
#13 n-Docosane (C22)

R.T.: 13.767 min
Delta R.T.: -0.002 min
Response: 2834242
Conc: 18.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

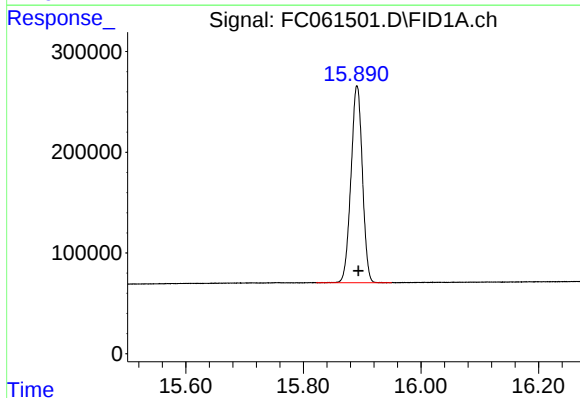
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



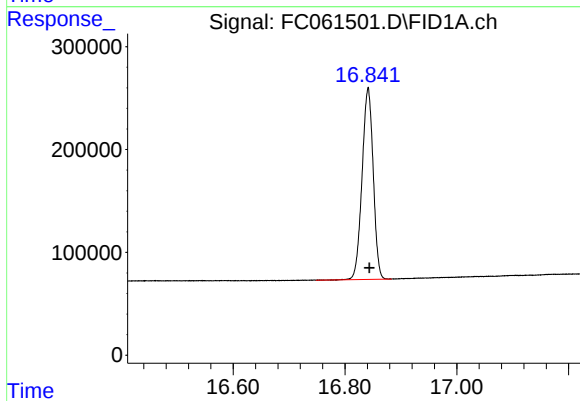
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.003 min
Response: 2740174
Conc: 17.71 ug/ml



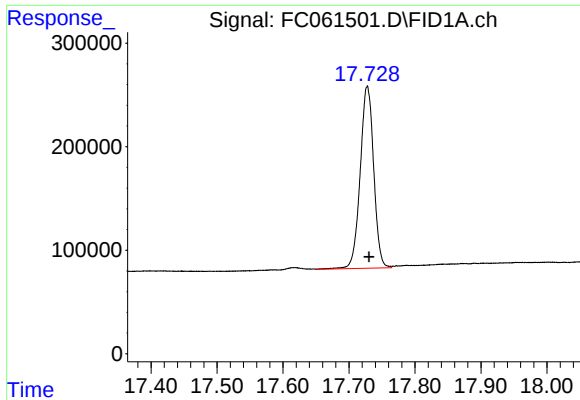
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.002 min
Response: 2633462
Conc: 17.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: -0.002 min
Response: 2568497
Conc: 17.39 ug/ml



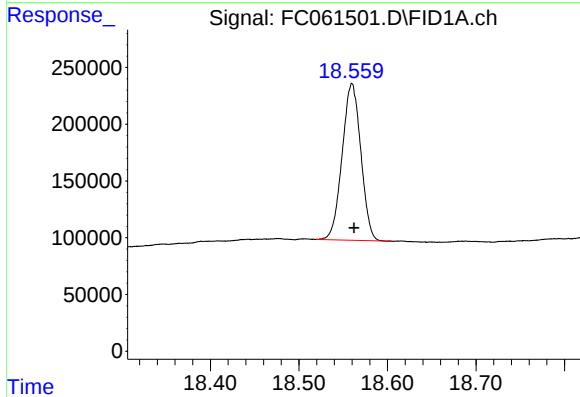
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: -0.003 min
Response: 2499956
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

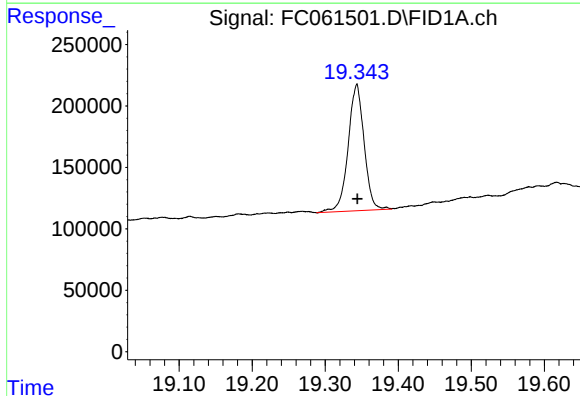
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



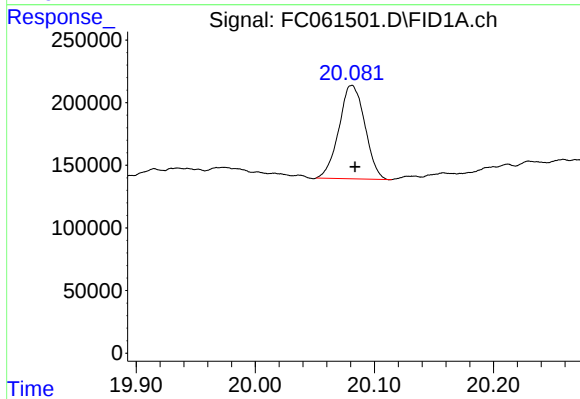
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: -0.003 min
Response: 2024307
Conc: 18.44 ug/ml m



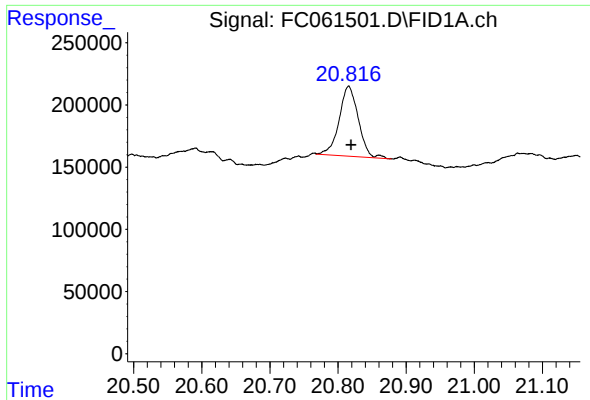
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.001 min
Response: 1562523
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.003 min
Response: 1128957
Conc: 20.00 ug/ml



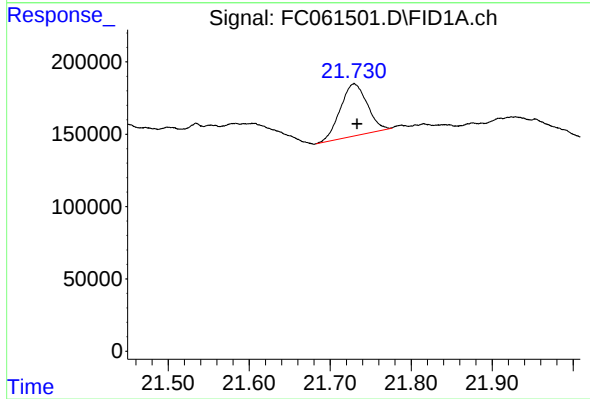
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.003 min
Response: 1096633
Conc: 23.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



#22 n-Tetracontane (C40)

R.T.: 21.730 min
Delta R.T.: -0.004 min
Response: 834052
Conc: 19.89 ug/ml m