

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070622AL\
 Data File : FC060588.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jul 2022 11:36
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/07/2022

Integration File: autoint1.e
 Quant Time: Jul 07 01:31:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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)	10.634	3570818	19.485 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	12.001	2837926	19.254 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	2.622	3117774	20.325 ug/ml
2) T n-Decane (C10)	3.618	3117033	20.410 ug/ml
3) T A~Naphthalene (C11.7)	5.157	3370576	20.160 ug/ml
4) T n-Dodecane (C12)	5.567	3276346	20.273 ug/ml
5) T A~2-methylnaphthalene...	6.182	3403713	20.023 ug/ml
6) T n-Tetradecane (C14)	7.317	3322091	20.110 ug/ml
7) T n-Hexadecane (C16)	8.879	3364601	19.909 ug/ml
8) T n-Octadecane (C18)	10.287	3389973	19.704 ug/ml
10) T n-Eicosane (C20)	11.565	3322367	19.467 ug/ml
11) T n-Heneicosane (C21)	12.163	3301657	19.365 ug/ml
13) T n-Docosane (C22)	12.735	3263696	19.146 ug/ml
14) T n-Tetracosane (C24)	13.812	3167819	18.867 ug/ml
15) T n-Hexacosane (C26)	14.810	3036127	18.476 ug/ml
16) T n-Octacosane (C28)	15.736	2895079	18.245 ug/ml
17) T n-Tricontane (C30)	16.602	2762275	18.146 ug/ml
18) T n-Dotriacontane (C32)	17.414	2589732	17.815 ug/ml
19) T n-Tetratriacontane (C34)	18.178	2427400	19.112 ug/ml
20) T n-Hexatriacontane (C36)	18.898	2284714	20.358 ug/ml
21) T n-Octatriacontane (C38)	19.579	2368342	21.635 ug/mlm
22) T n-Tetracontane (C40)	20.228	2387453	21.139 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070622AL\
Data File : FC060588.D
Signal(s) : FID1A.ch
Acq On : 06 Jul 2022 11:36
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

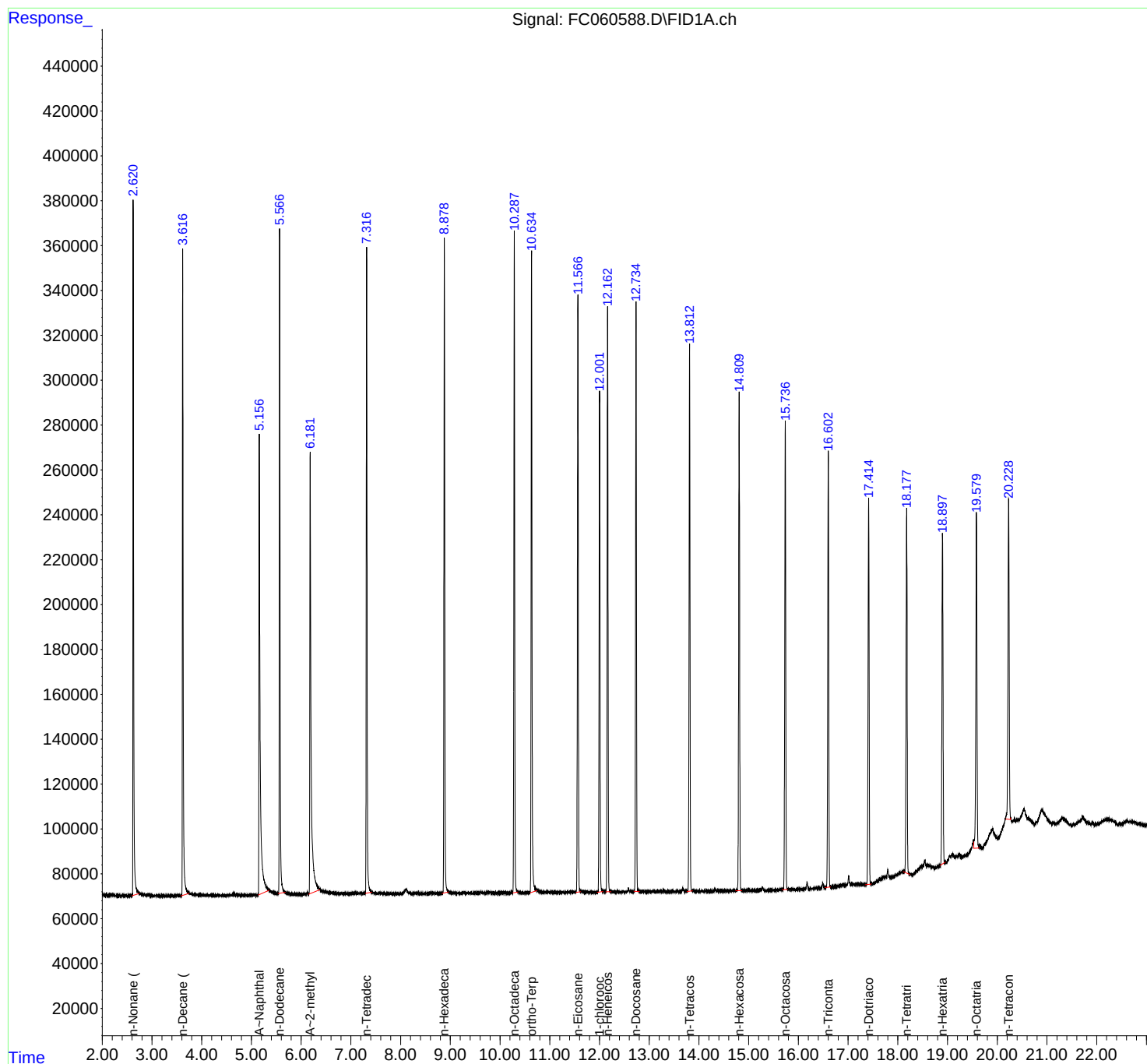
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

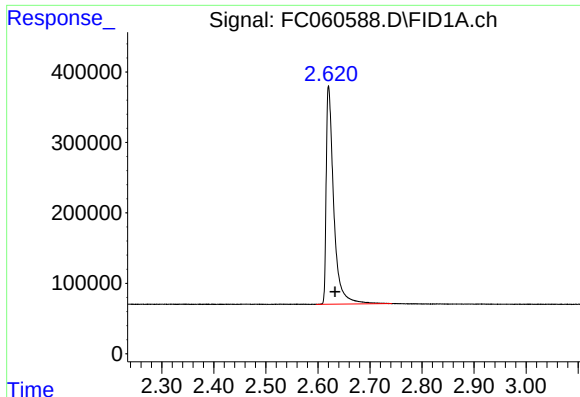
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022

Integration File: autoint1.e
Quant Time: Jul 07 01:31:55 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
Quant Title : GC Extractables
QLast Update : Sat Jun 25 04:15:44 2022
Response via : Initial Calibration
Integrator: ChemStation

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





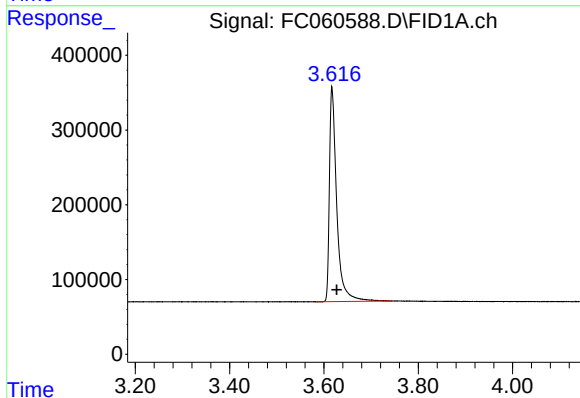
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.011 min
Response: 3117774
Conc: 20.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

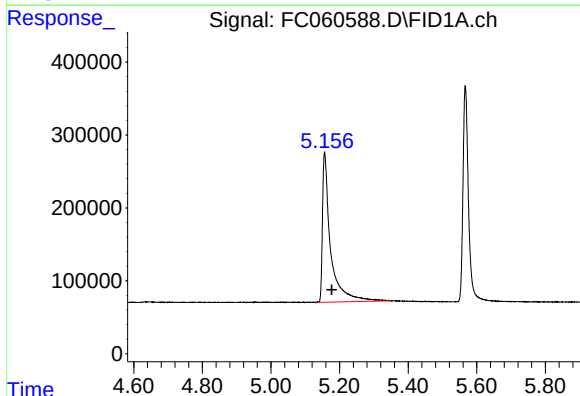
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



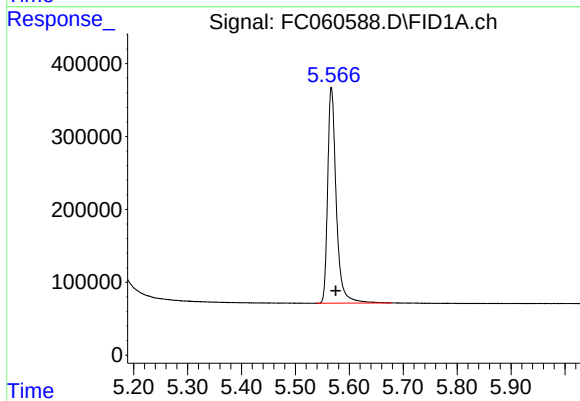
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: -0.009 min
Response: 3117033
Conc: 20.41 ug/ml



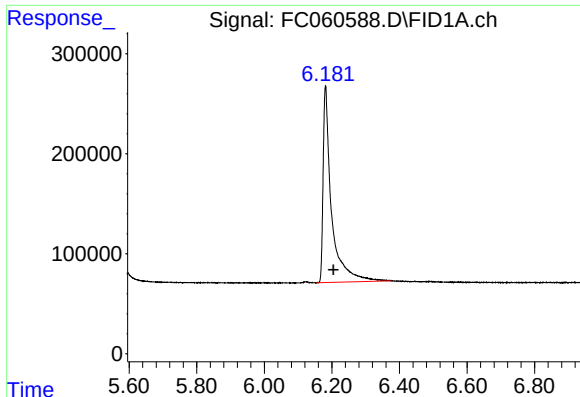
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.020 min
Response: 3370576
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.567 min
Delta R.T.: -0.007 min
Response: 3276346
Conc: 20.27 ug/ml



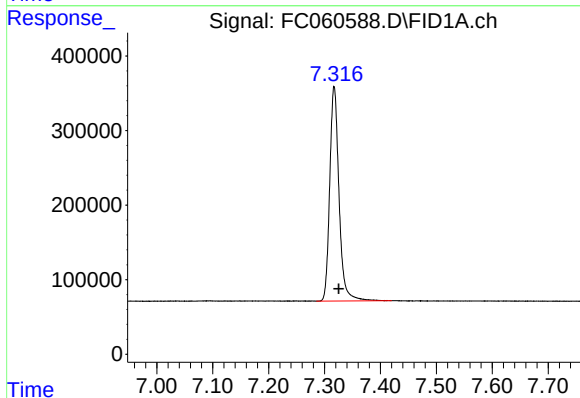
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.022 min
Response: 3403713
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

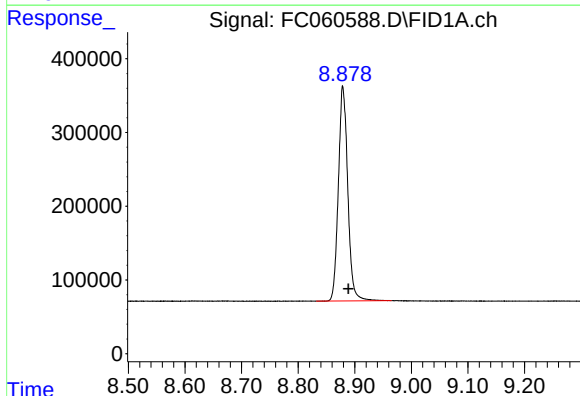
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



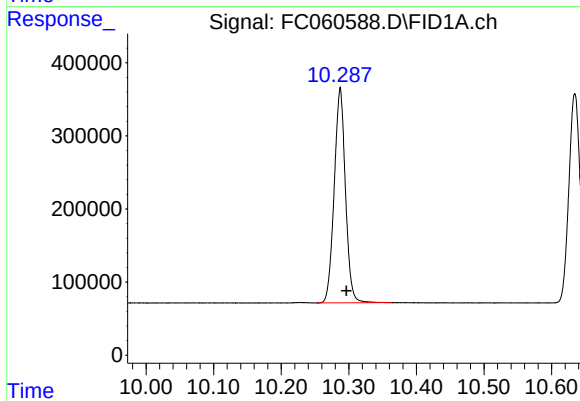
#6 n-Tetradecane (C14)

R.T.: 7.317 min
Delta R.T.: -0.008 min
Response: 3322091
Conc: 20.11 ug/ml



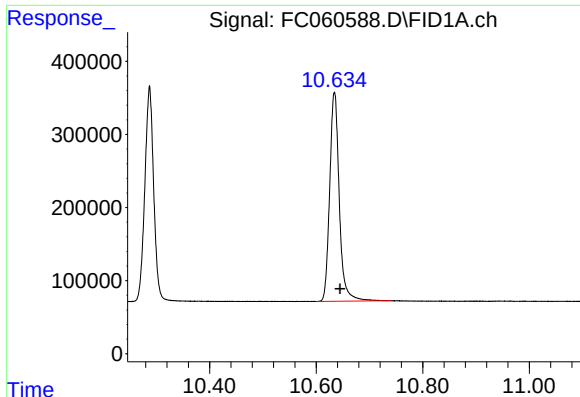
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: -0.009 min
Response: 3364601
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: -0.009 min
Response: 3389973
Conc: 19.70 ug/ml



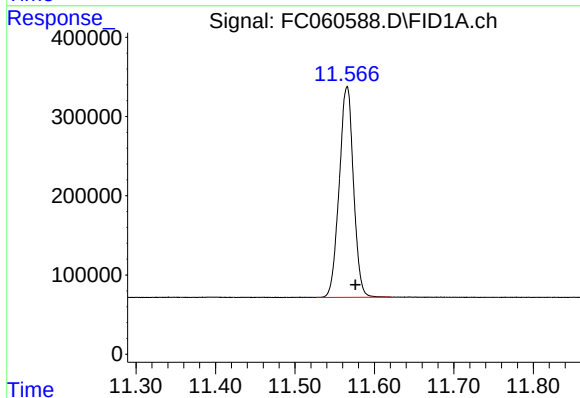
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.010 min
Response: 3570818
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

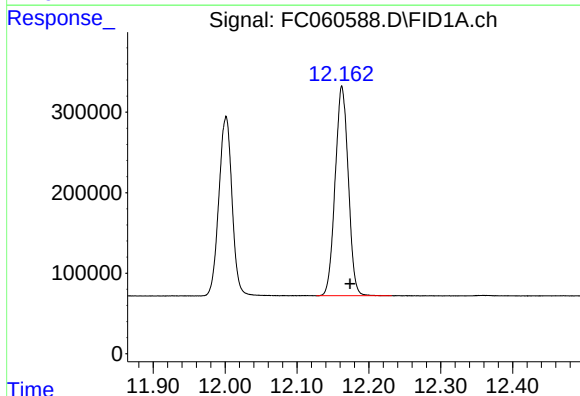
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



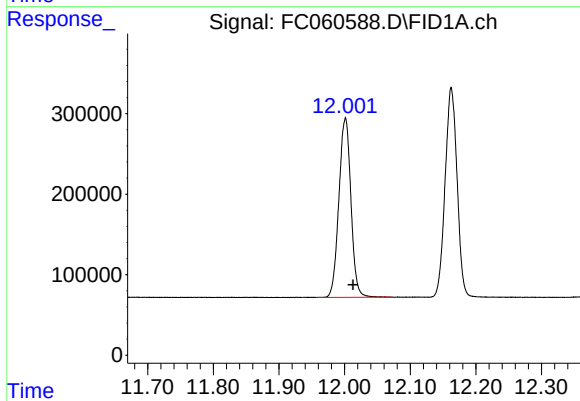
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: -0.011 min
Response: 3322367
Conc: 19.47 ug/ml



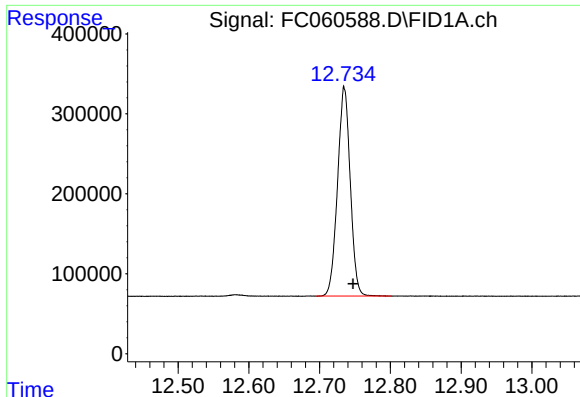
#11 n-Heneicosane (C21)

R.T.: 12.163 min
Delta R.T.: -0.011 min
Response: 3301657
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 2837926
Conc: 19.25 ug/ml



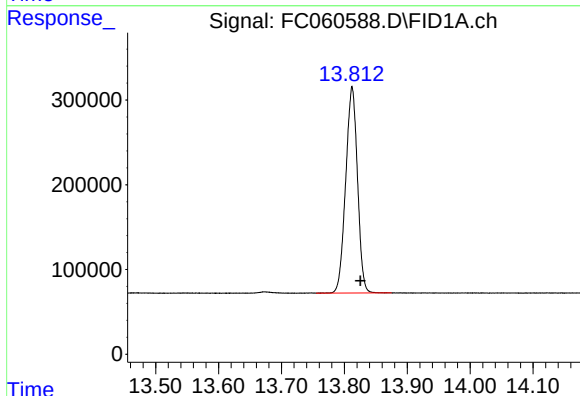
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.012 min
Response: 3263696
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

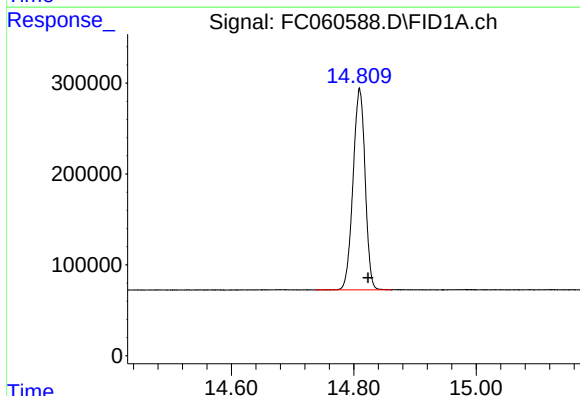
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



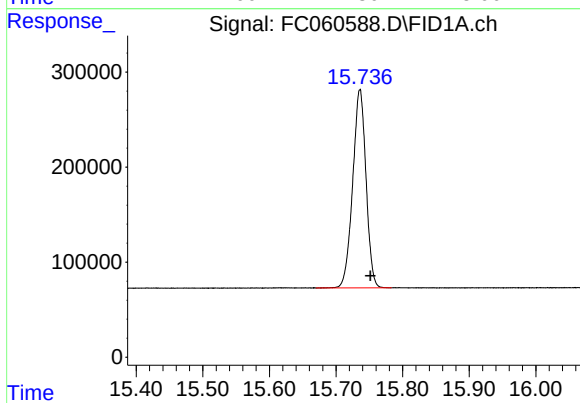
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: -0.013 min
Response: 3167819
Conc: 18.87 ug/ml



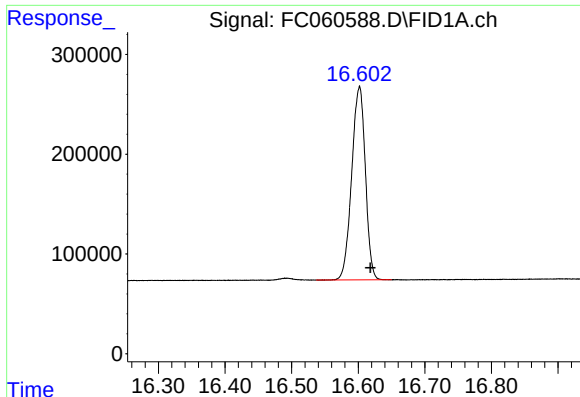
#15 n-Hexacosane (C26)

R.T.: 14.810 min
Delta R.T.: -0.014 min
Response: 3036127
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.016 min
Response: 2895079
Conc: 18.24 ug/ml



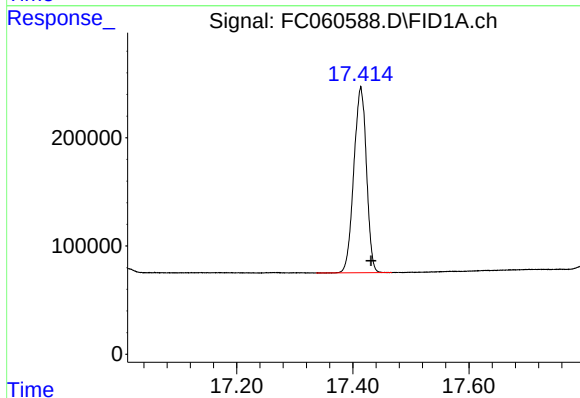
#17 n-Tricontane (C30)

R.T.: 16.602 min
Delta R.T.: -0.017 min
Response: 2762275
Conc: 18.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

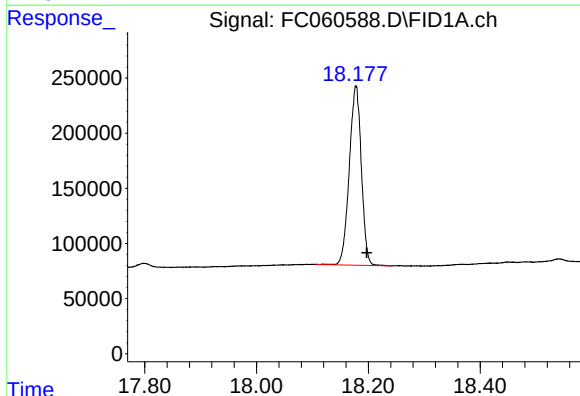
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



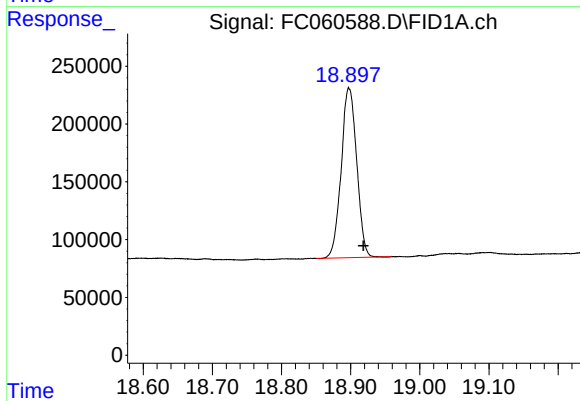
#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.018 min
Response: 2589732
Conc: 17.82 ug/ml



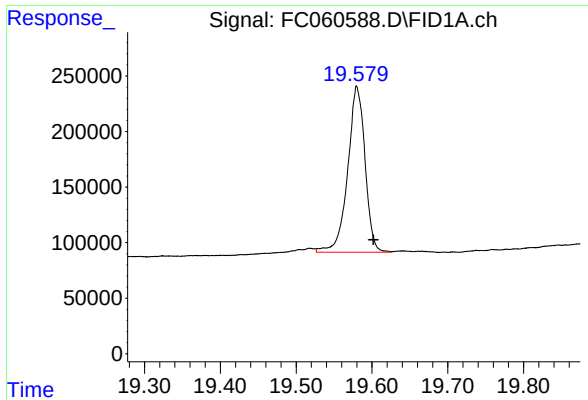
#19 n-Tetratriacontane (C34)

R.T.: 18.178 min
Delta R.T.: -0.019 min
Response: 2427400
Conc: 19.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.898 min
Delta R.T.: -0.021 min
Response: 2284714
Conc: 20.36 ug/ml



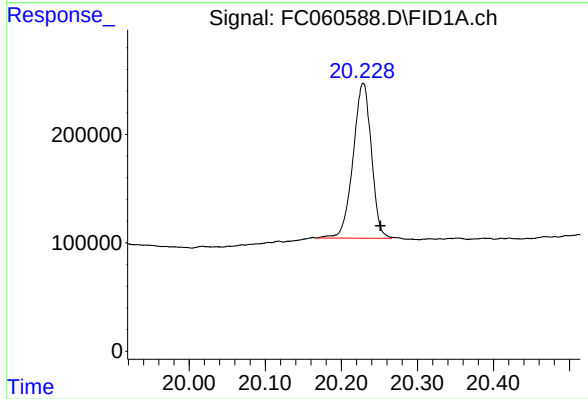
#21 n-Octatriacontane (C38)

R.T.: 19.579 min
Delta R.T.: -0.023 min
Response: 2368342
Conc: 21.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/07/2022
Supervised By :Ankita Jodhani 07/07/2022



#22 n-Tetracontane (C40)

R.T.: 20.228 min
Delta R.T.: -0.024 min
Response: 2387453
Conc: 21.14 ug/ml m