

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062722AL\
 Data File : FC060462.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2022 15:54
 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 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: sample.E
 Quant Time: Jun 28 03:49:40 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)	10.641	3701072	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	12.007	2997871	20.339 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T n-Nonane (C9)	2.634	3030237	19.754 ug/ml
2) T n-Decane (C10)	3.629	3030941	19.847 ug/ml
3) T A~Naphthalene (C11.7)	5.168	3330715	19.922 ug/ml
4) T n-Dodecane (C12)	5.576	3239722	20.046 ug/ml
5) T A~2-methylnaphthalene...	6.192	3330361	19.592 ug/ml
6) T n-Tetradecane (C14)	7.326	3296150	19.952 ug/ml
7) T n-Hexadecane (C16)	8.887	3389492	20.056 ug/ml
8) T n-Octadecane (C18)	10.294	3462820	20.128 ug/ml
10) T n-Eicosane (C20)	11.571	3471228	20.339 ug/ml
11) T n-Heneicosane (C21)	12.170	3469742	20.350 ug/ml
13) T n-Docosane (C22)	12.741	3542256	20.780 ug/ml
14) T n-Tetracosane (C24)	13.817	3540357	21.086 ug/ml
15) T n-Hexacosane (C26)	14.813	3499936	21.299 ug/ml
16) T n-Octacosane (C28)	15.740	3478677	21.923 ug/ml
17) T n-Tricontane (C30)	16.607	3422532	22.484 ug/ml
18) T n-Dotriacontane (C32)	17.418	3184450	21.907 ug/ml
19) T n-Tetratriacontane (C34)	18.182	2821453	22.214 ug/ml
20) T n-Hexatriacontane (C36)	18.901	2502898	22.302 ug/mlm
21) T n-Octatriacontane (C38)	19.583	2319254	21.187 ug/ml
22) T n-Tetracontane (C40)	20.229	2341121	20.729 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062722AL\
Data File : FC060462.D
Signal(s) : FID1A.ch
Acq On : 27 Jun 2022 15:54
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

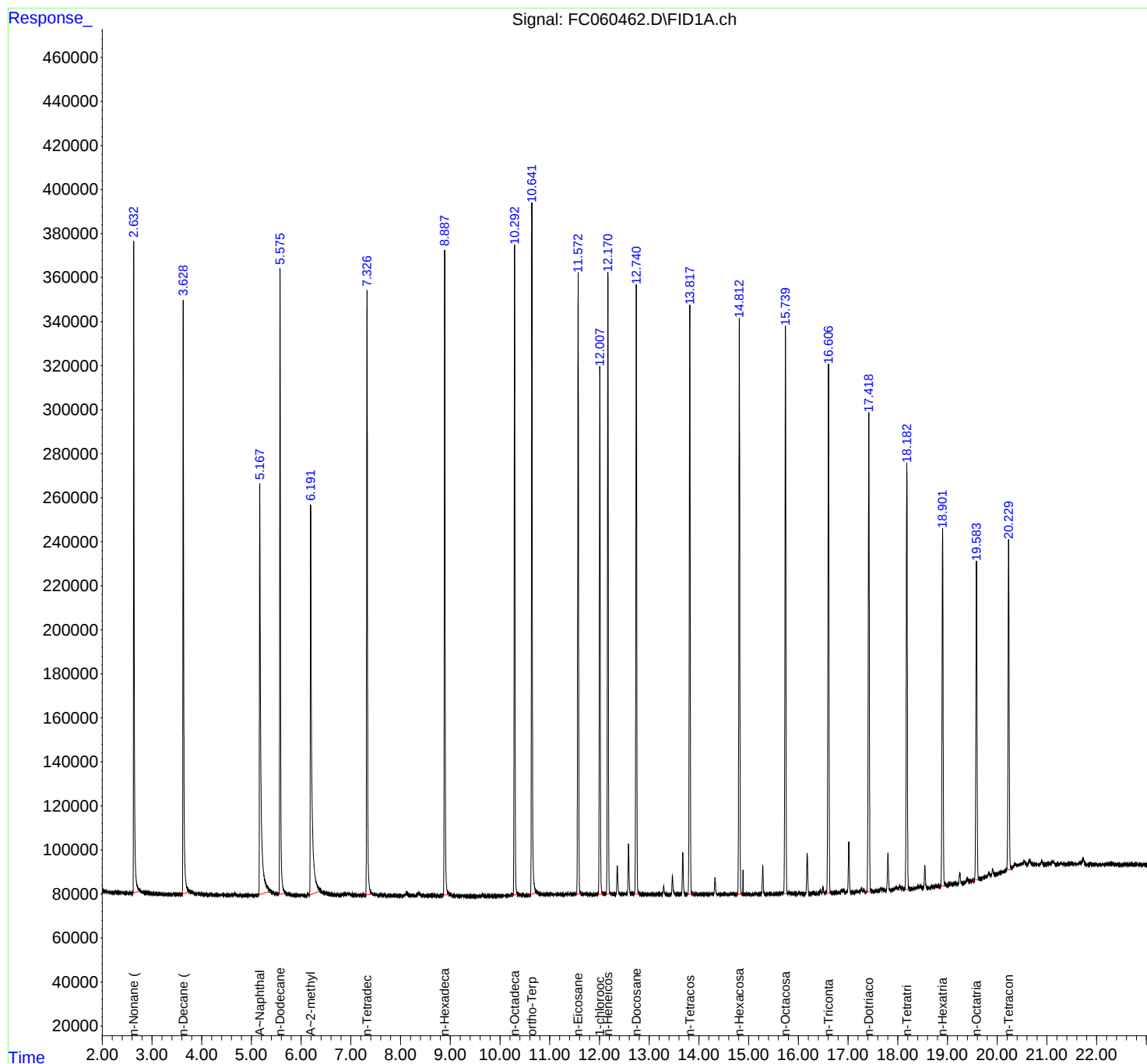
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

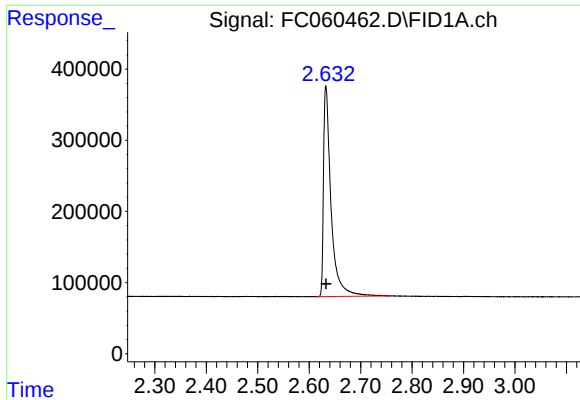
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022

Integration File: sample.E
Quant Time: Jun 28 03:49:40 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





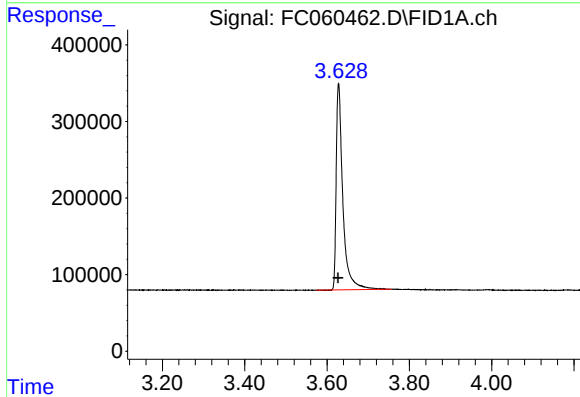
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.000 min
Response: 3030237
Conc: 19.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

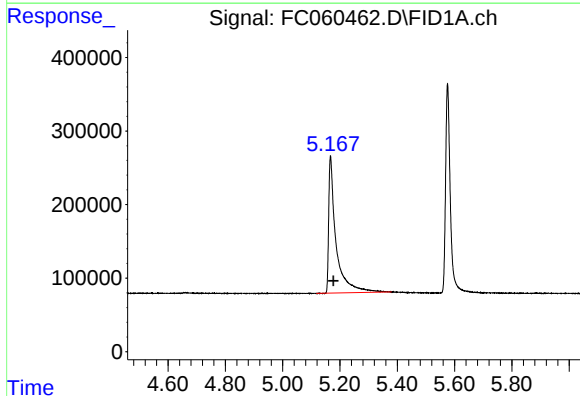
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



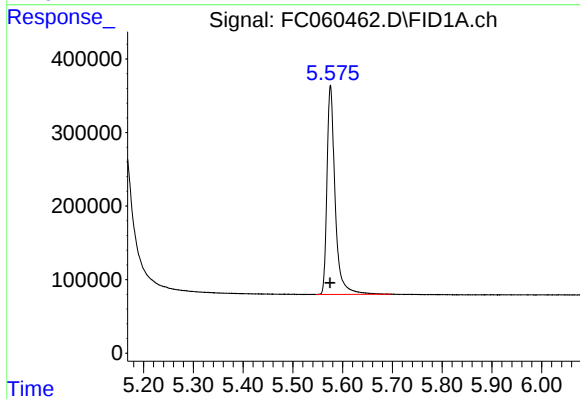
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: 0.002 min
Response: 3030941
Conc: 19.85 ug/ml



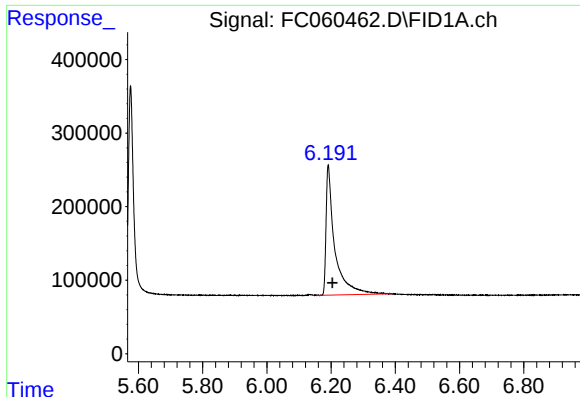
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.009 min
Response: 3330715
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: 0.001 min
Response: 3239722
Conc: 20.05 ug/ml



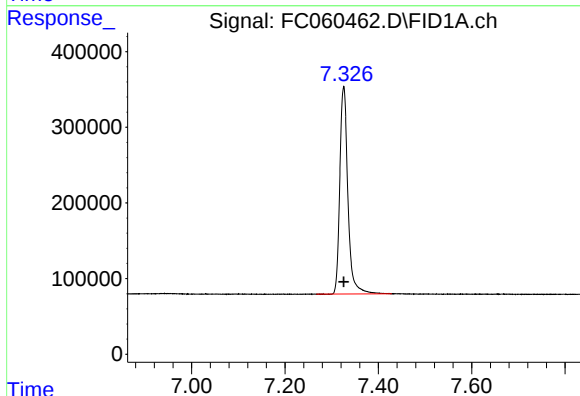
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 3330361
Conc: 19.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

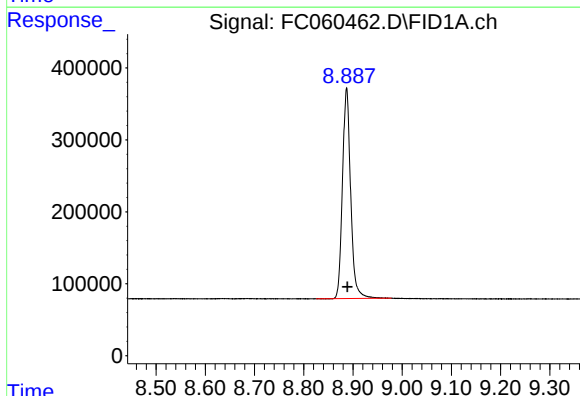
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



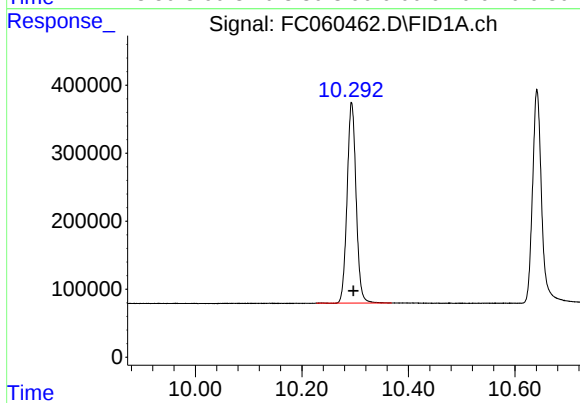
#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 3296150
Conc: 19.95 ug/ml



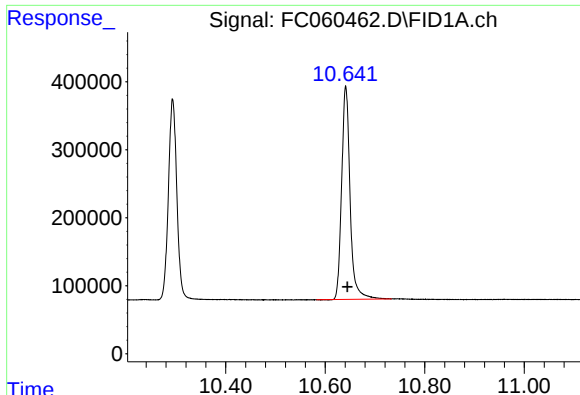
#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: -0.002 min
Response: 3389492
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.294 min
Delta R.T.: -0.003 min
Response: 3462820
Conc: 20.13 ug/ml



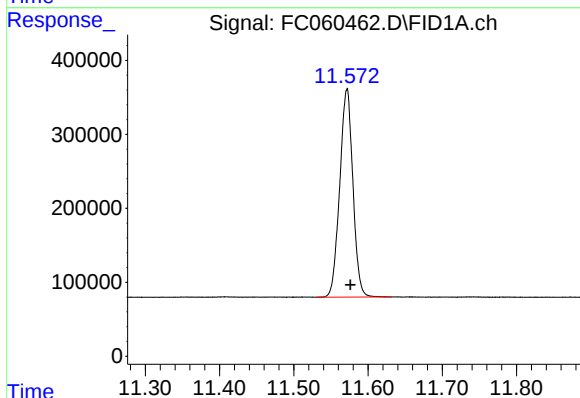
#9 ortho-Terphenyl (SURR)

R.T.: 10.641 min
Delta R.T.: -0.003 min
Response: 3701072
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

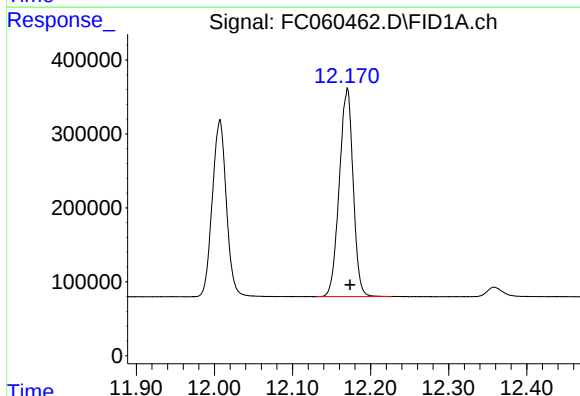
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



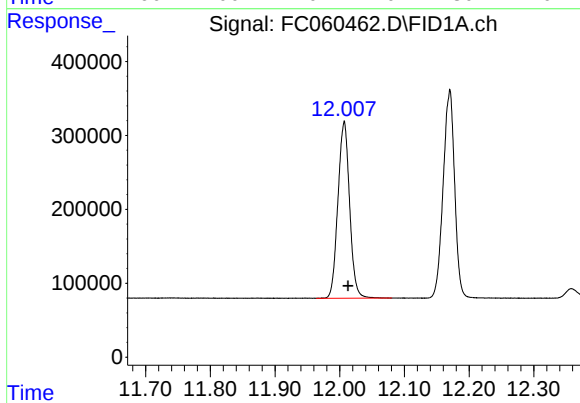
#10 n-Eicosane (C20)

R.T.: 11.571 min
Delta R.T.: -0.005 min
Response: 3471228
Conc: 20.34 ug/ml



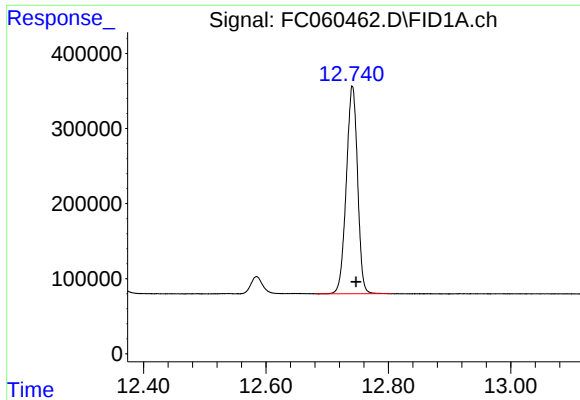
#11 n-Heneicosane (C21)

R.T.: 12.170 min
Delta R.T.: -0.004 min
Response: 3469742
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.007 min
Delta R.T.: -0.006 min
Response: 2997871
Conc: 20.34 ug/ml



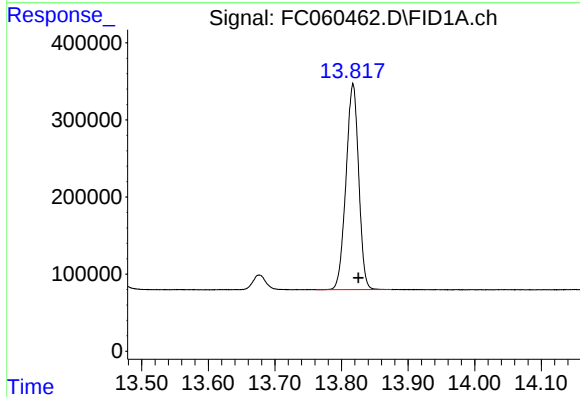
#13 n-Docosane (C22)

R.T.: 12.741 min
Delta R.T.: -0.006 min
Response: 3542256
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

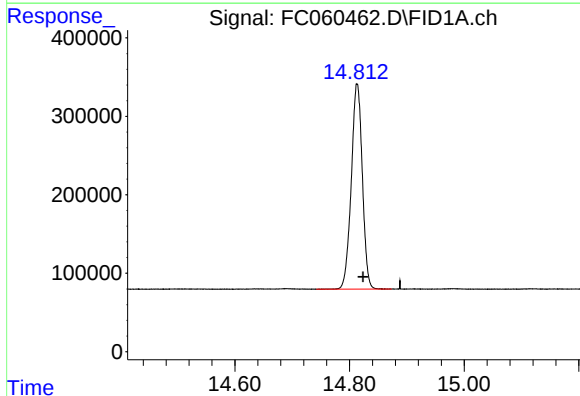
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



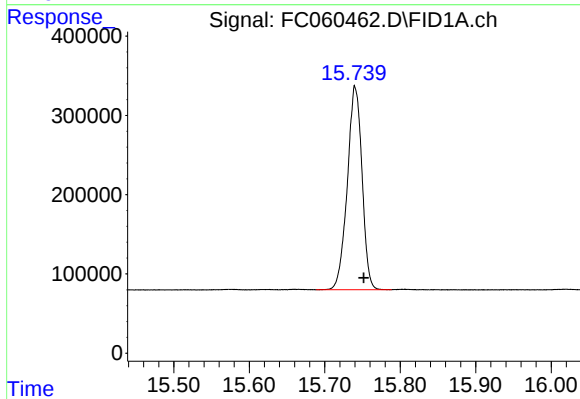
#14 n-Tetracosane (C24)

R.T.: 13.817 min
Delta R.T.: -0.008 min
Response: 3540357
Conc: 21.09 ug/ml



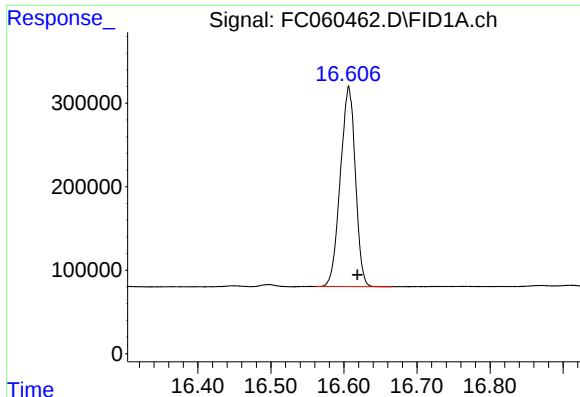
#15 n-Hexacosane (C26)

R.T.: 14.813 min
Delta R.T.: -0.010 min
Response: 3499936
Conc: 21.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.740 min
Delta R.T.: -0.011 min
Response: 3478677
Conc: 21.92 ug/ml



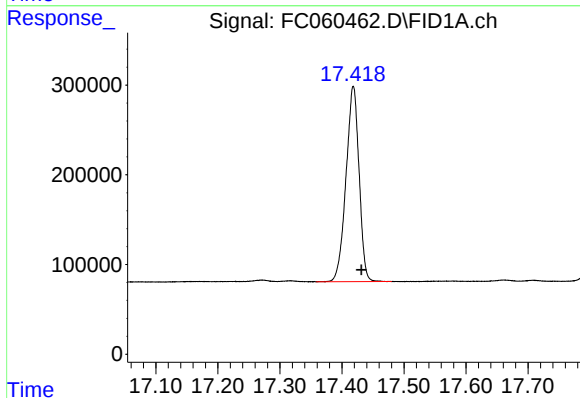
#17 n-Tricontane (C30)

R.T.: 16.607 min
Delta R.T.: -0.012 min
Response: 3422532
Conc: 22.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

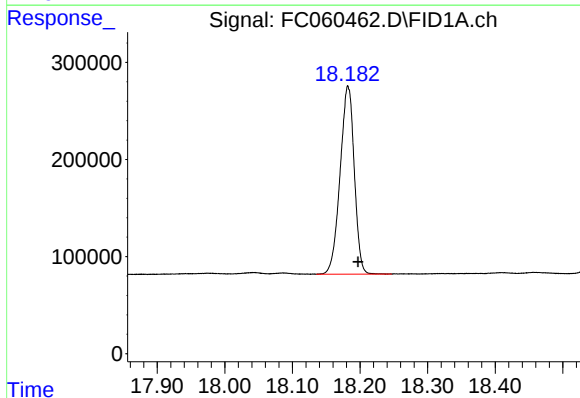
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



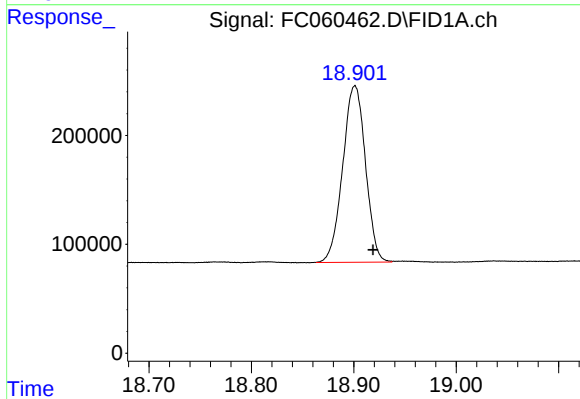
#18 n-Dotriacontane (C32)

R.T.: 17.418 min
Delta R.T.: -0.013 min
Response: 3184450
Conc: 21.91 ug/ml



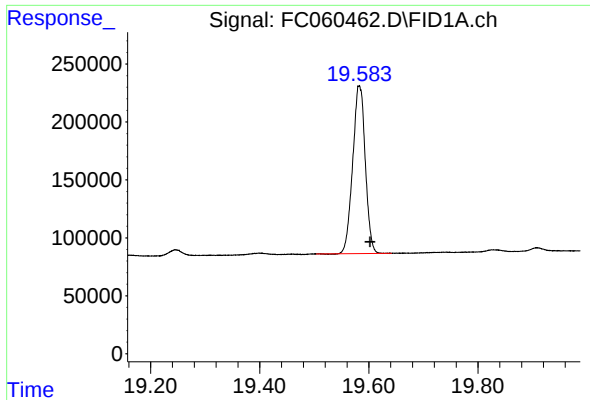
#19 n-Tetratriacontane (C34)

R.T.: 18.182 min
Delta R.T.: -0.015 min
Response: 2821453
Conc: 22.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.901 min
Delta R.T.: -0.018 min
Response: 2502898
Conc: 22.30 ug/ml m



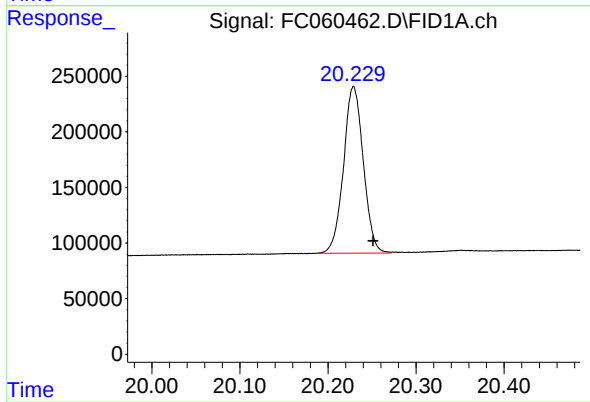
#21 n-Octatriacontane (C38)

R.T.: 19.583 min
Delta R.T.: -0.019 min
Response: 2319254
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2022
Supervised By :Ankita Jodhani 06/28/2022



#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: -0.023 min
Response: 2341121
Conc: 20.73 ug/ml m