

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
 Data File : FC061376.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2022 07:52
 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 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 08:22:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.589	3576540	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.025	2824650	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.347	3193432	21.122 ug/ml
2) T n-Decane (C10)	4.415	3238759	21.344 ug/ml
3) T A~Naphthalene (C11.7)	6.000	3671906	21.212 ug/ml
4) T n-Dodecane (C12)	6.432	3285245	21.213 ug/ml
5) T A~2-methylnaphthalene...	7.056	3708687	21.062 ug/ml
6) T n-Tetradecane (C14)	8.229	3294907	21.065 ug/ml
7) T n-Hexadecane (C16)	9.830	3281881	20.953 ug/ml
8) T n-Octadecane (C18)	11.272	3283988	20.815 ug/ml
10) T n-Eicosane (C20)	12.581	3191419	20.529 ug/ml
11) T n-Heneicosane (C21)	13.193	3155799	20.175 ug/ml
13) T n-Docosane (C22)	13.779	3135572	20.206 ug/ml
14) T n-Tetracosane (C24)	14.882	3133166	20.253 ug/ml
15) T n-Hexacosane (C26)	15.902	3004176	19.961 ug/ml
16) T n-Octacosane (C28)	16.851	3026986	20.493 ug/ml
17) T n-Tricontane (C30)	17.737	3016895	21.843 ug/ml
18) T n-Dotriacontane (C32)	18.567	2536619	23.110 ug/mlm
19) T n-Tetratriacontane (C34)	19.349	1815569	23.522 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1375425	24.362 ug/mlm
21) T n-Octatriacontane (C38)	20.825	1155463	24.907 ug/mlm
22) T n-Tetracontane (C40)	21.742	1019311	24.302 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
Data File : FC061376.D
Signal(s) : FID1A.ch
Acq On : 31 Aug 2022 07:52
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

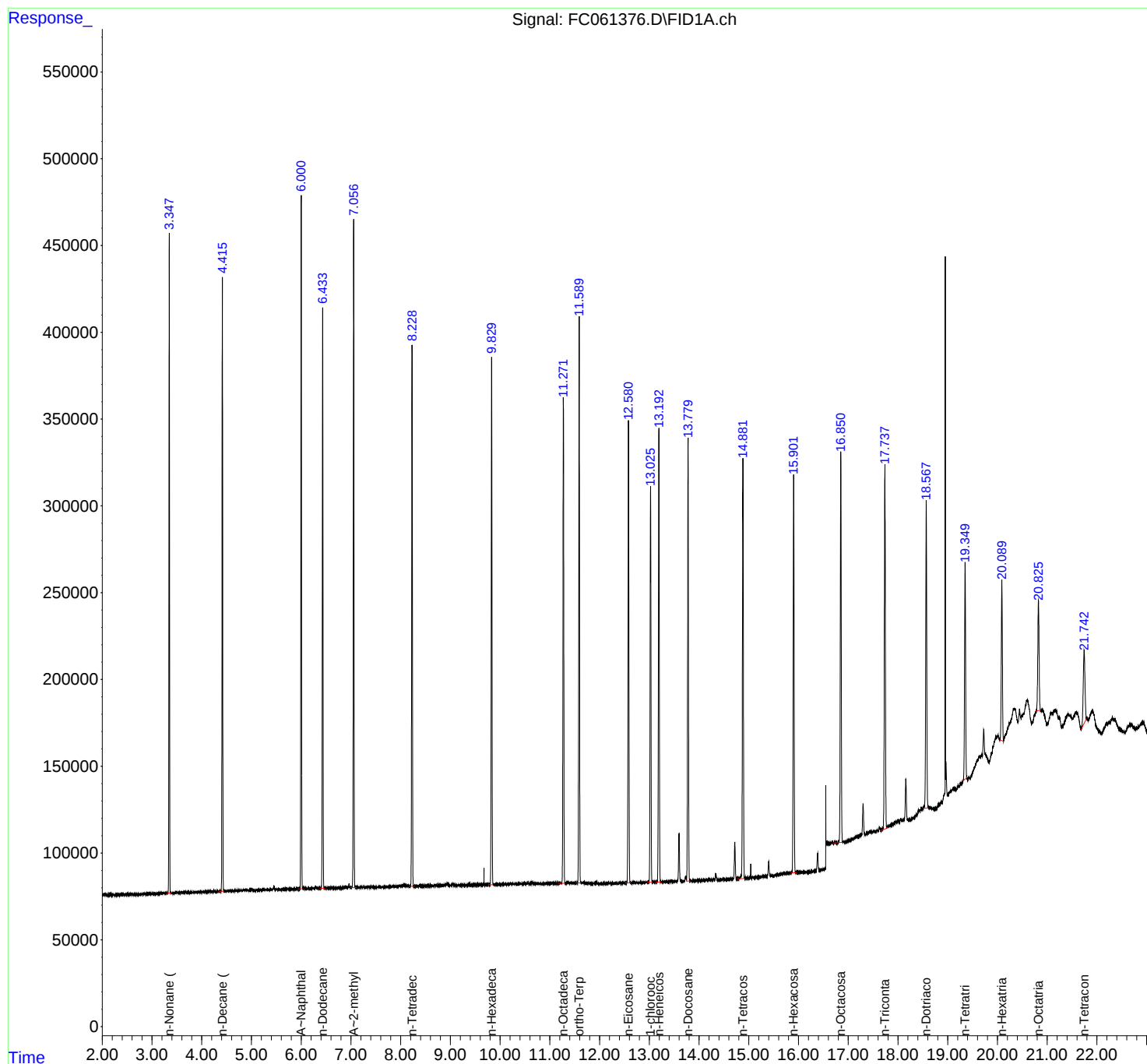
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

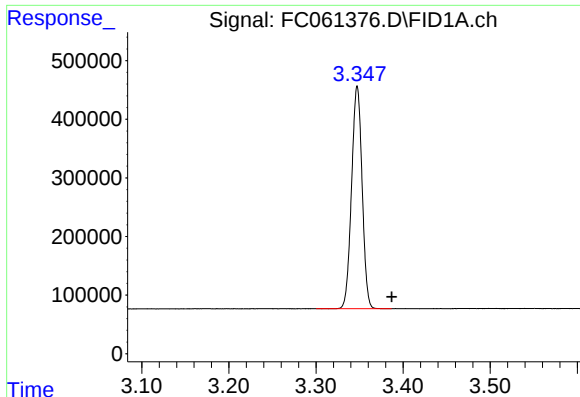
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
Quant Time: Aug 31 08:22:19 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
Quant Title : GC Extractables
QLast Update : Tue Aug 23 05:32:18 2022
Response via : Initial Calibration
Integrator: ChemStation

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





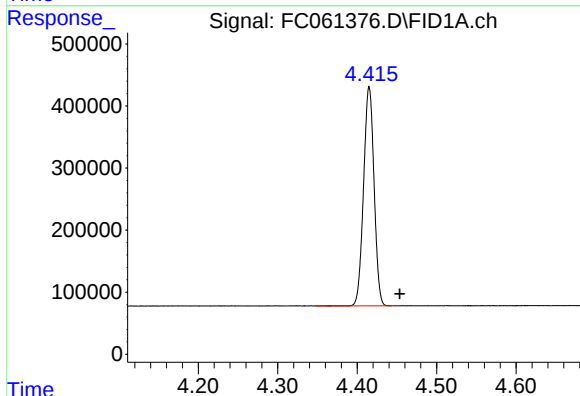
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.040 min
Response: 3193432
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

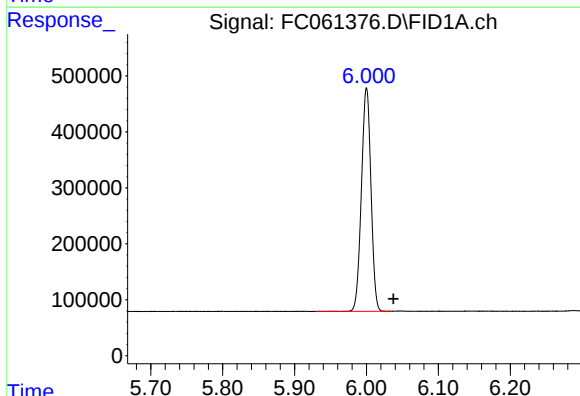
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022



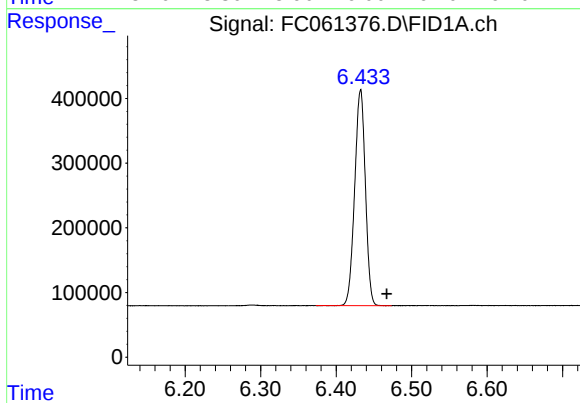
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: -0.038 min
Response: 3238759
Conc: 21.34 ug/ml



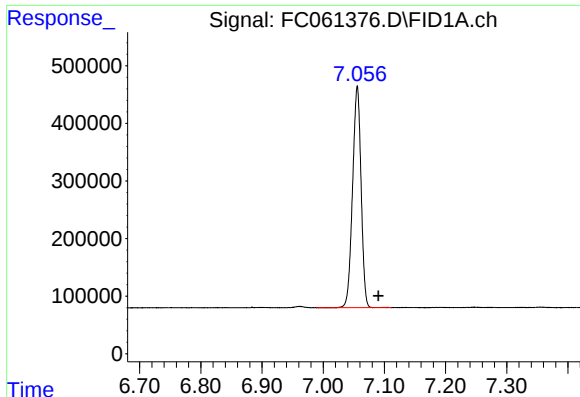
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.037 min
Response: 3671906
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: -0.035 min
Response: 3285245
Conc: 21.21 ug/ml



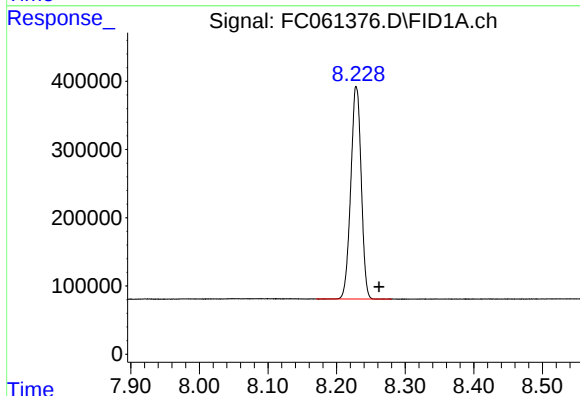
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.035 min
Response: 3708687
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

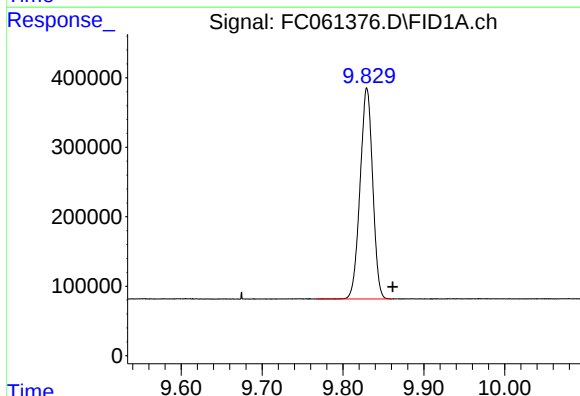
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022



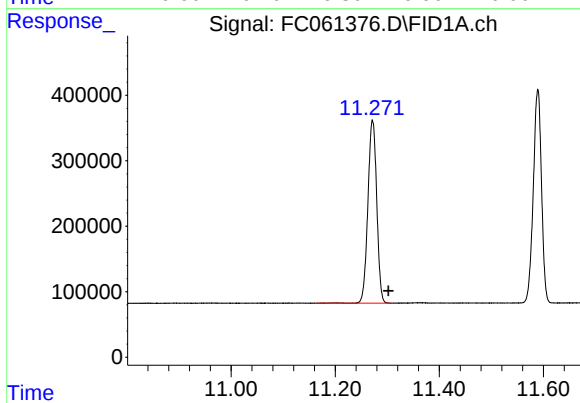
#6 n-Tetradecane (C14)

R.T.: 8.229 min
Delta R.T.: -0.033 min
Response: 3294907
Conc: 21.07 ug/ml



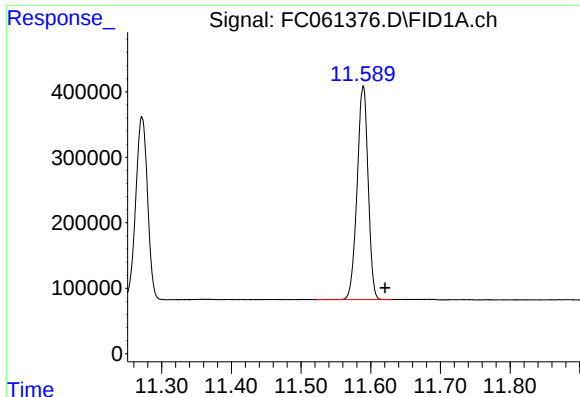
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: -0.032 min
Response: 3281881
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.272 min
Delta R.T.: -0.031 min
Response: 3283988
Conc: 20.82 ug/ml



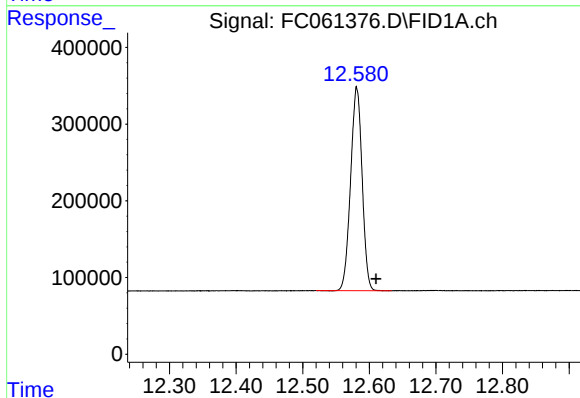
#9 ortho-Terphenyl (SURR)

R.T.: 11.589 min
Delta R.T.: -0.031 min
Response: 3576540
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

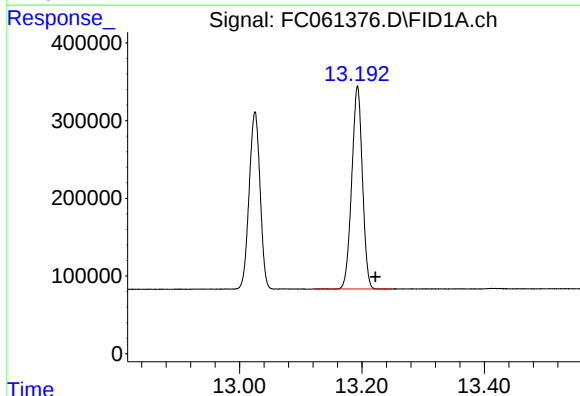
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022



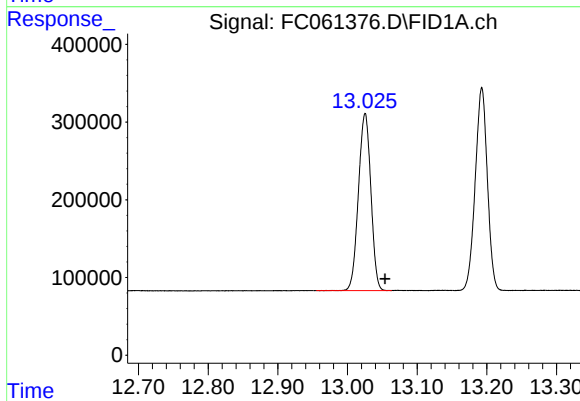
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.029 min
Response: 3191419
Conc: 20.53 ug/ml



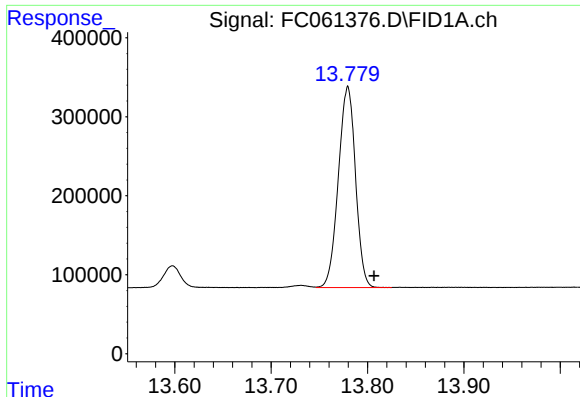
#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.029 min
Response: 3155799
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.029 min
Response: 2824650
Conc: 20.17 ug/ml



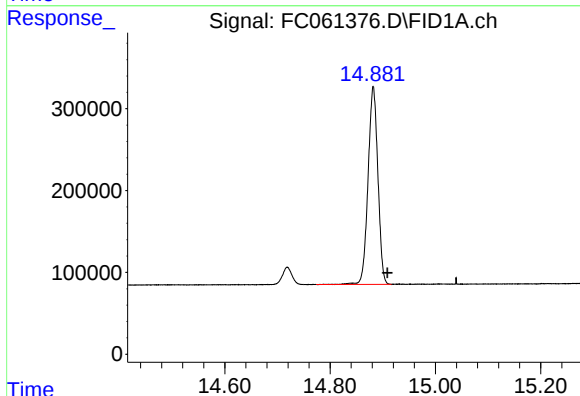
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.027 min
Response: 3135572
Conc: 20.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

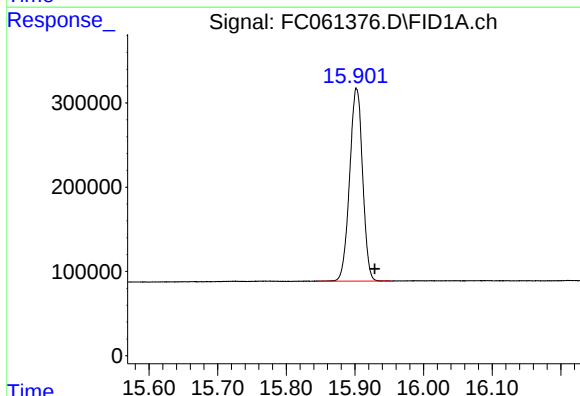
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022



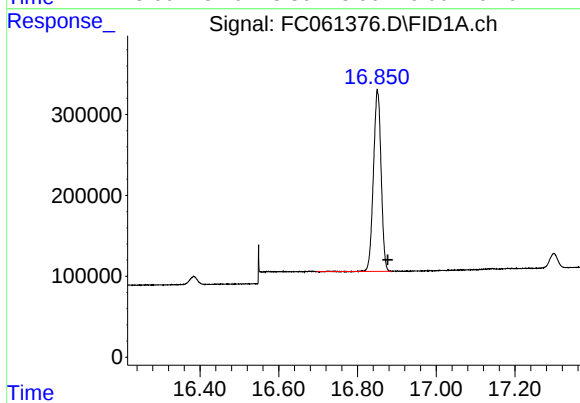
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: -0.027 min
Response: 3133166
Conc: 20.25 ug/ml



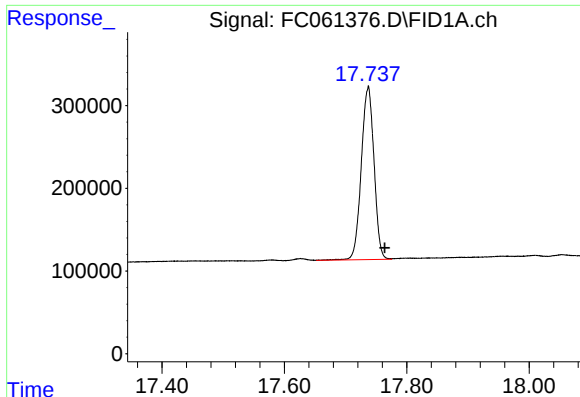
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: -0.026 min
Response: 3004176
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.851 min
Delta R.T.: -0.026 min
Response: 3026986
Conc: 20.49 ug/ml



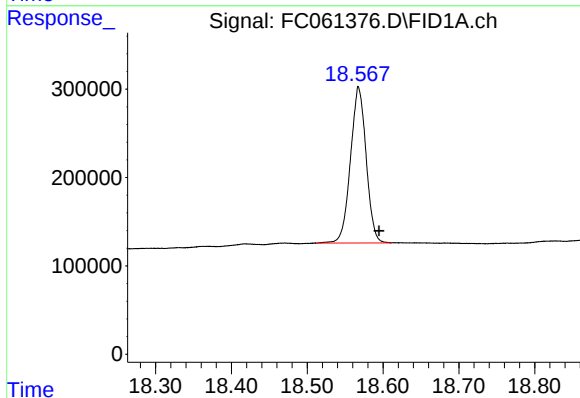
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: -0.027 min
Response: 3016895
Conc: 21.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

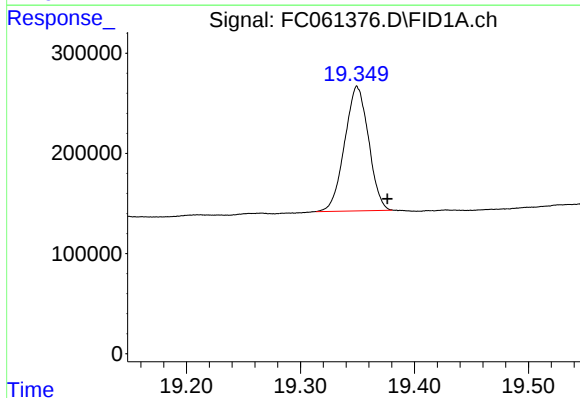
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022



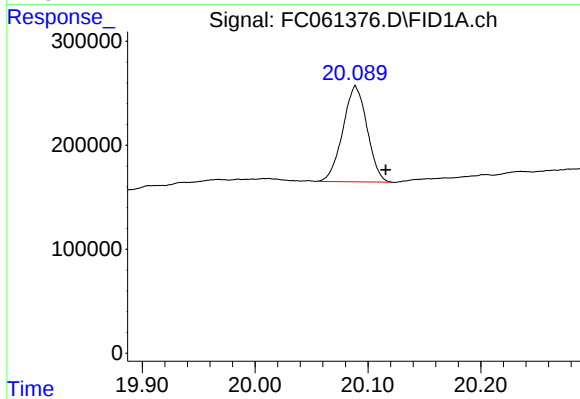
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.028 min
Response: 2536619
Conc: 23.11 ug/ml m



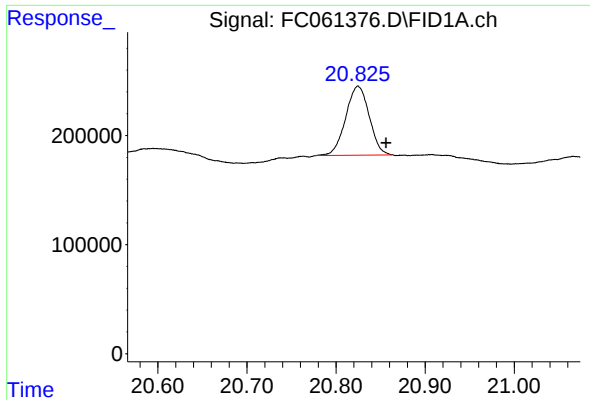
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.027 min
Response: 1815569
Conc: 23.52 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.027 min
Response: 1375425
Conc: 24.36 ug/ml m



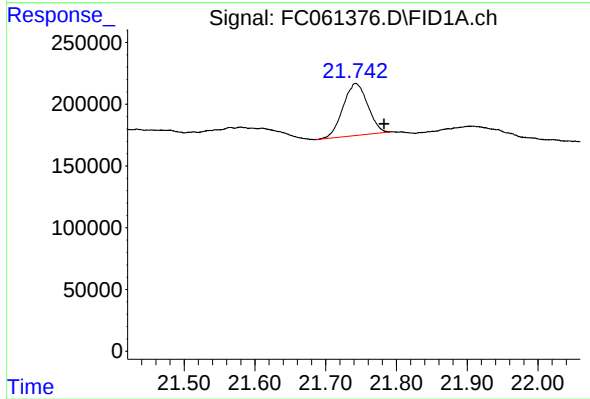
#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.032 min
Response: 1155463
Conc: 24.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/31/2022
Supervised By :Ankita Jodhani 08/31/2022



#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.041 min
Response: 1019311
Conc: 24.30 ug/ml m