

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
 Data File : FC059729.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2022 2:23
 Operator : UA/NP
 Sample : PB144760BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB144760BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E

Quant Time: May 13 03:43:57 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M

Quant Title : GC Extractables

QLast Update : Mon May 09 11:12:42 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
12) S 1-chlorooctadecane (S...	12.027	5871140	51.018 ug/ml
Spiked Amount 50.000		Recovery =	102.04%
Target Compounds			
1) T n-Nonane (C9)	2.632	2946522	23.073 ug/ml
2) T n-Decane (C10)	3.631	3864517	30.514 ug/ml
4) T n-Dodecane (C12)	5.586	4579480	34.823 ug/ml
6) T n-Tetradecane (C14)	7.338	4761553	35.386 ug/ml
7) T n-Hexadecane (C16)	8.902	5180184	37.752 ug/ml
8) T n-Octadecane (C18)	10.312	5746617	41.700 ug/ml
10) T n-Eicosane (C20)	11.591	5617617	41.768 ug/ml
11) T n-Heneicosane (C21)	12.190	5558103	41.664 ug/ml
13) T n-Docosane (C22)	12.762	5444236	41.483 ug/ml
14) T n-Tetracosane (C24)	13.840	5273153	41.910 ug/ml
15) T n-Hexacosane (C26)	14.837	4988160	41.766 ug/ml
16) T n-Octacosane (C28)	15.764	4715098	41.416 ug/ml
17) T n-Tricontane (C30)	16.632	4548311	41.377 ug/ml
18) T n-Dotriacontane (C32)	17.445	4508071	43.606 ug/mlm
19) T n-Tetratriacontane (C34)	18.207	4070862	41.696 ug/mlm
20) T n-Hexatriacontane (C36)	18.931	3790425	40.830 ug/mlm
21) T n-Octatriacontane (C38)	19.615	3673543	38.590 ug/mlm
22) T n-Tetracontane (C40)	20.263	3488646	36.853 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051222AL\
Data File : FC059729.D
Signal(s) : FID1A.CH
Acq On : 13 May 2022 2:23
Operator : UA/NP
Sample : PB144760BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_C

Client SampleId :

PB144760BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File: sample.E

Quant Time: May 13 03:43:57 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M

Quant Title : GC Extractables

QLast Update : Mon May 09 11:12:42 2022

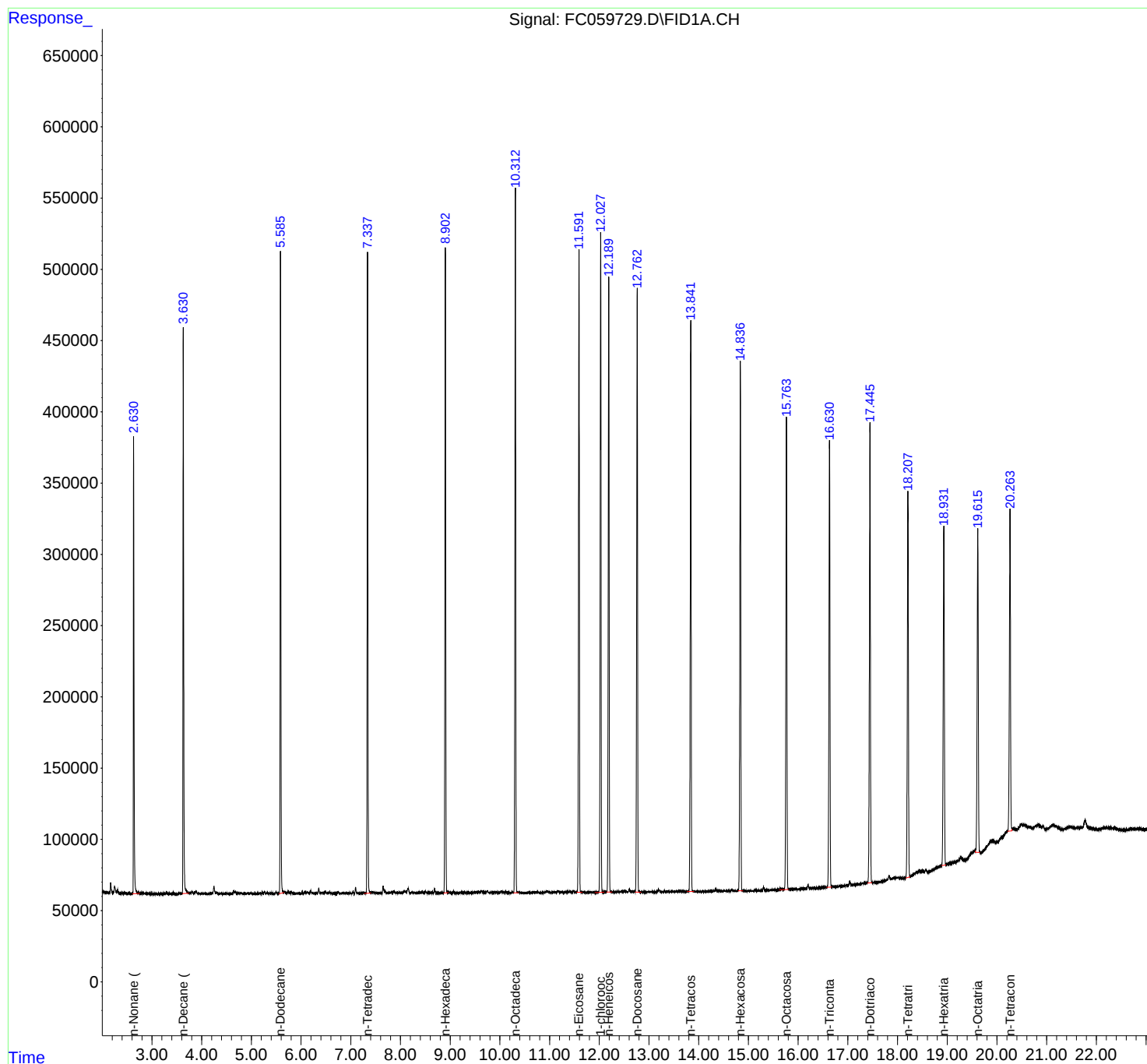
Response via : Initial Calibration

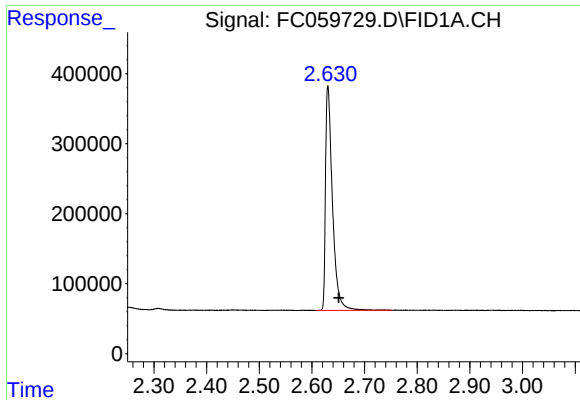
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





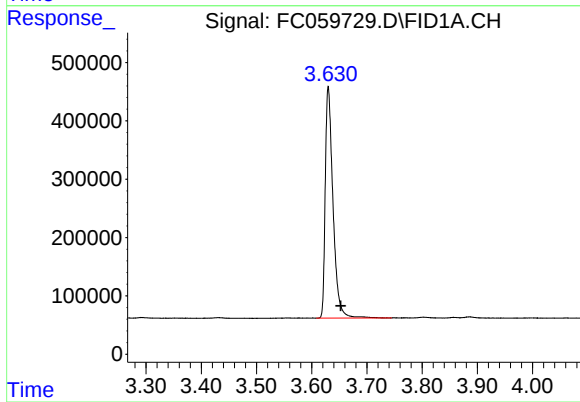
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.019 min
Response: 2946522
Conc: 23.07 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144760BS

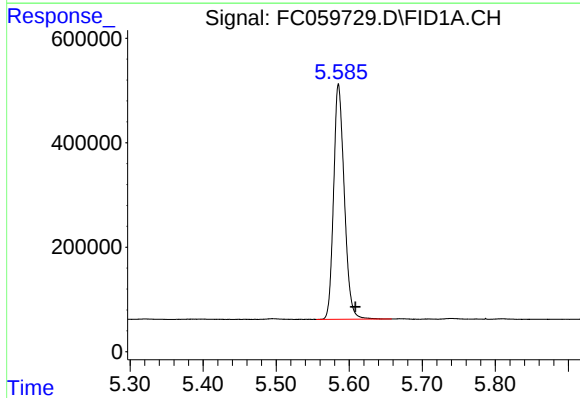
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



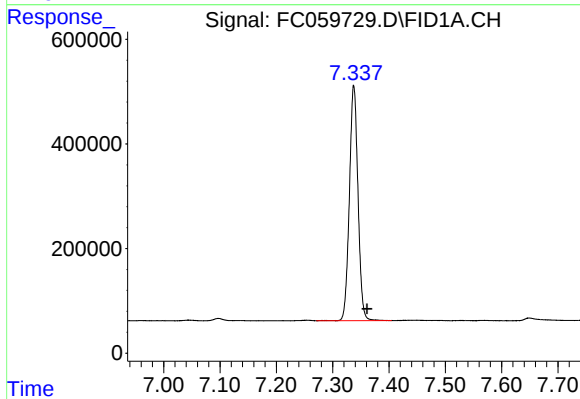
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: -0.022 min
Response: 3864517
Conc: 30.51 ug/ml



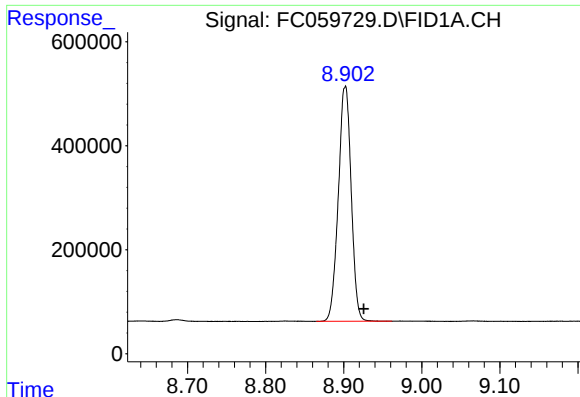
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 4579480
Conc: 34.82 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.338 min
Delta R.T.: -0.023 min
Response: 4761553
Conc: 35.39 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.902 min
Delta R.T.: -0.024 min
Response: 5180184
Conc: 37.75 ug/ml

Instrument :

FID_C

ClientSampleId :

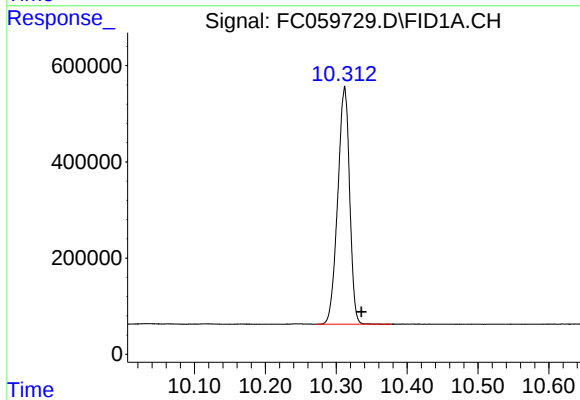
PB144760BS

Manual Integrations

APPROVED

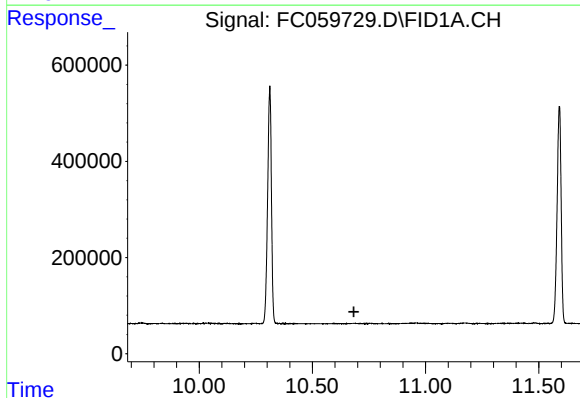
Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022



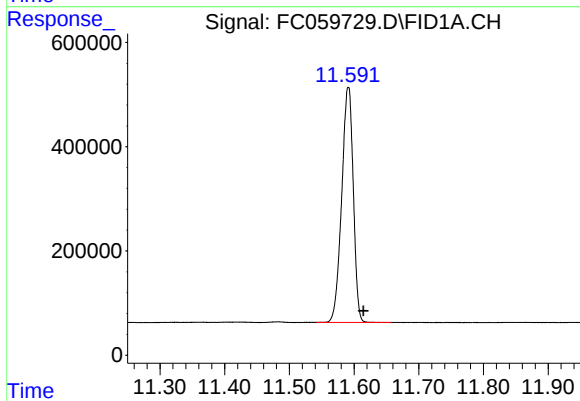
#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: -0.024 min
Response: 5746617
Conc: 41.70 ug/ml



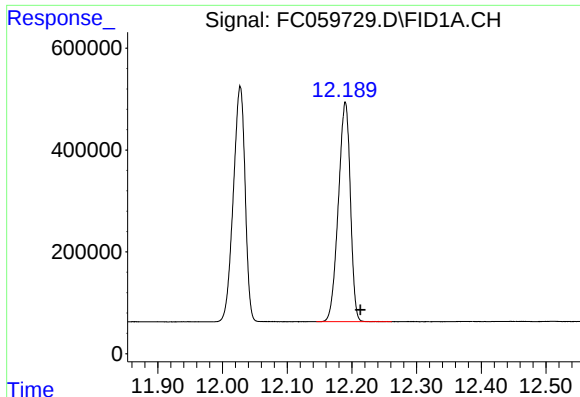
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.683 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.591 min
Delta R.T.: -0.024 min
Response: 5617617
Conc: 41.77 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.190 min
Delta R.T.: -0.023 min
Response: 5558103
Conc: 41.66 ug/ml

Instrument :

FID_C

ClientSampleId :

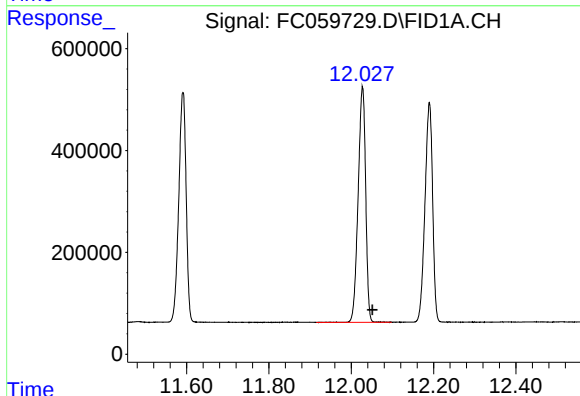
PB144760BS

Manual Integrations

APPROVED

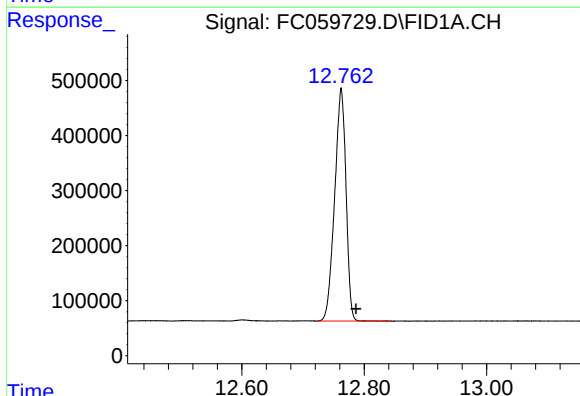
Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022



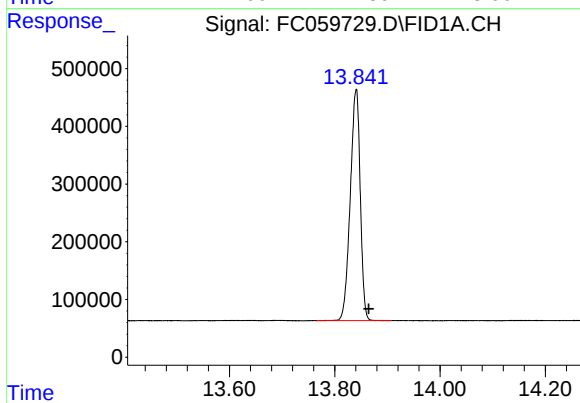
#12 1-chlorooctadecane (SURR)

R.T.: 12.027 min
Delta R.T.: -0.024 min
Response: 5871140
Conc: 51.02 ug/ml



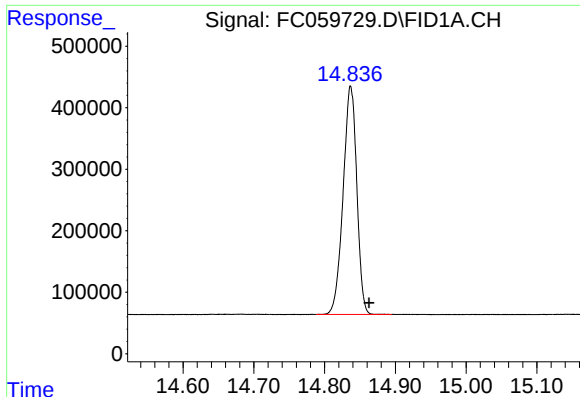
#13 n-Docosane (C22)

R.T.: 12.762 min
Delta R.T.: -0.024 min
Response: 5444236
Conc: 41.48 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.840 min
Delta R.T.: -0.024 min
Response: 5273153
Conc: 41.91 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: -0.026 min
Response: 4988160
Conc: 41.77 ug/ml

Instrument :

FID_C

ClientSampleId :

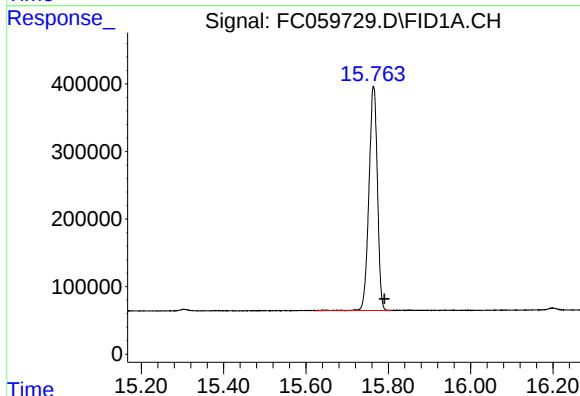
PB144760BS

Manual Integrations

APPROVED

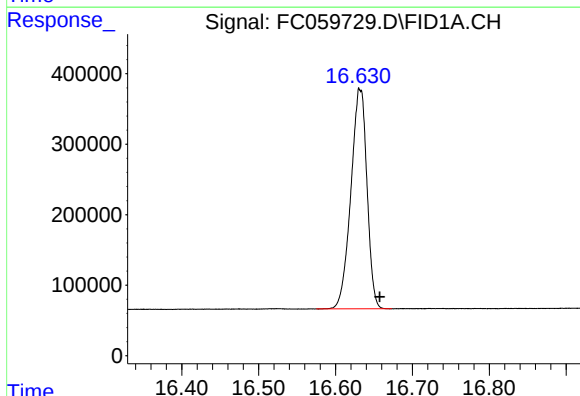
Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022



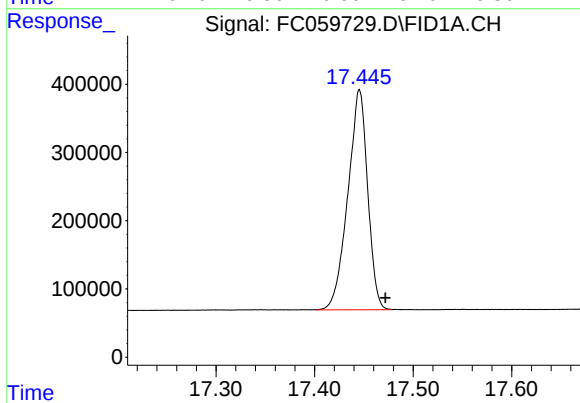
#16 n-Octacosane (C28)

R.T.: 15.764 min
Delta R.T.: -0.026 min
Response: 4715098
Conc: 41.42 ug/ml



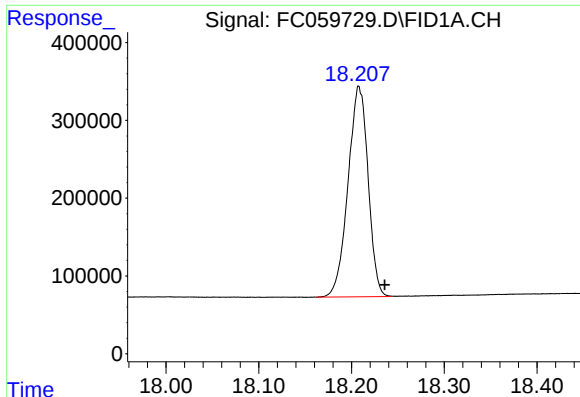
#17 n-Tricontane (C30)

R.T.: 16.632 min
Delta R.T.: -0.025 min
Response: 4548311
Conc: 41.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.026 min
Response: 4508071
Conc: 43.61 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.029 min
Response: 4070862
Conc: 41.70 ug/ml

Instrument :

FID_C

ClientSampleId :

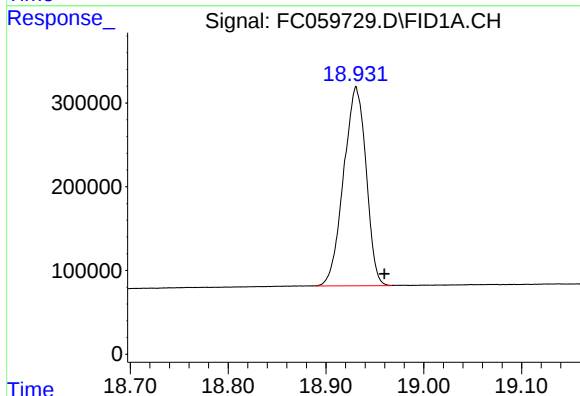
PB144760BS

Manual Integrations

APPROVED

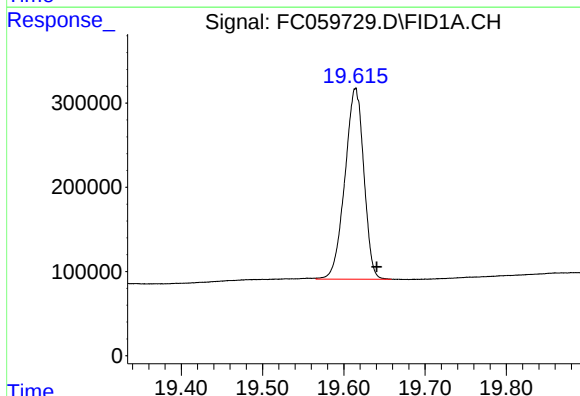
Reviewed By :Yogesh Patel 05/17/2022

Supervised By :mohammad ahmed 05/17/2022



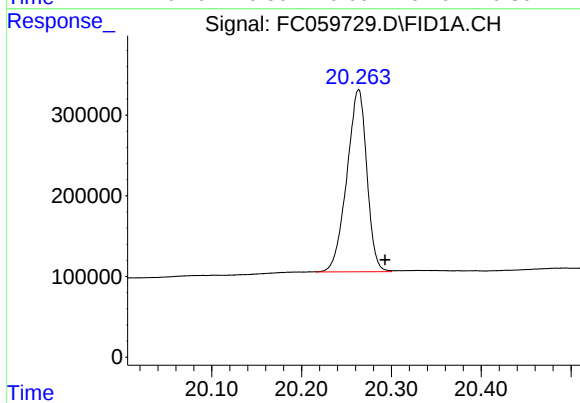
#20 n-Hexatriacontane (C36)

R.T.: 18.931 min
Delta R.T.: -0.029 min
Response: 3790425
Conc: 40.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.615 min
Delta R.T.: -0.026 min
Response: 3673543
Conc: 38.59 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.030 min
Response: 3488646
Conc: 36.85 ug/ml m