

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
 Data File : FC059809.D
 Signal(s) : FID1A.CH
 Acq On : 17 May 2022 18:16
 Operator : UA/NP
 Sample : PB144887BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144887BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
 Quant Time: May 18 00:04:13 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			
9) S ortho-Terphenyl (SURR)	10.655	6816727	46.421 ug/ml
Spiked Amount 50.000		Recovery =	92.84%
12) S 1-chlorooctadecane (S...	12.024	5431608	47.198 ug/ml
Spiked Amount 50.000		Recovery =	94.40%
Target Compounds			
1) T n-Nonane (C9)	2.648	6828604	53.473 ug/ml
2) T n-Decane (C10)	3.638	7305617	57.685 ug/ml
3) T A~Naphthalene (C11.7)	5.166	8664780	58.846 ug/ml
4) T n-Dodecane (C12)	5.584	7719782	58.702 ug/ml
5) T A~2-methylnaphthalene...	6.190	8543842	56.838 ug/ml
6) T n-Tetradecane (C14)	7.339	7804673	58.002 ug/ml
7) T n-Hexadecane (C16)	8.901	7860235	57.284 ug/ml
8) T n-Octadecane (C18)	10.312	8070562	58.564 ug/ml
10) T n-Eicosane (C20)	11.592	7572972	56.306 ug/ml
11) T n-Heneicosane (C21)	12.189	7419977	55.621 ug/ml
13) T n-Docosane (C22)	12.763	7229955	55.089 ug/ml
14) T n-Tetracosane (C24)	13.837	14047315	111.645 ug/ml
15) T n-Hexacosane (C26)	14.842	6695551	56.063 ug/ml
16) T n-Octacosane (C28)	15.767	6514738	57.224 ug/ml
17) T n-Tricontane (C30)	16.638	6204438	56.443 ug/ml
18) T n-Dotriacontane (C32)	17.449	6187387	59.849 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	5705307	58.437 ug/mlm
20) T n-Hexatriacontane (C36)	18.935	5413317	58.312 ug/mlm
21) T n-Octatriacontane (C38)	19.621	5297742	55.652 ug/mlm
22) T n-Tetracontane (C40)	20.267	5146932	54.370 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051722AL\
Data File : FC059809.D
Signal(s) : FID1A.CH
Acq On : 17 May 2022 18:16
Operator : UA/NP
Sample : PB144887BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

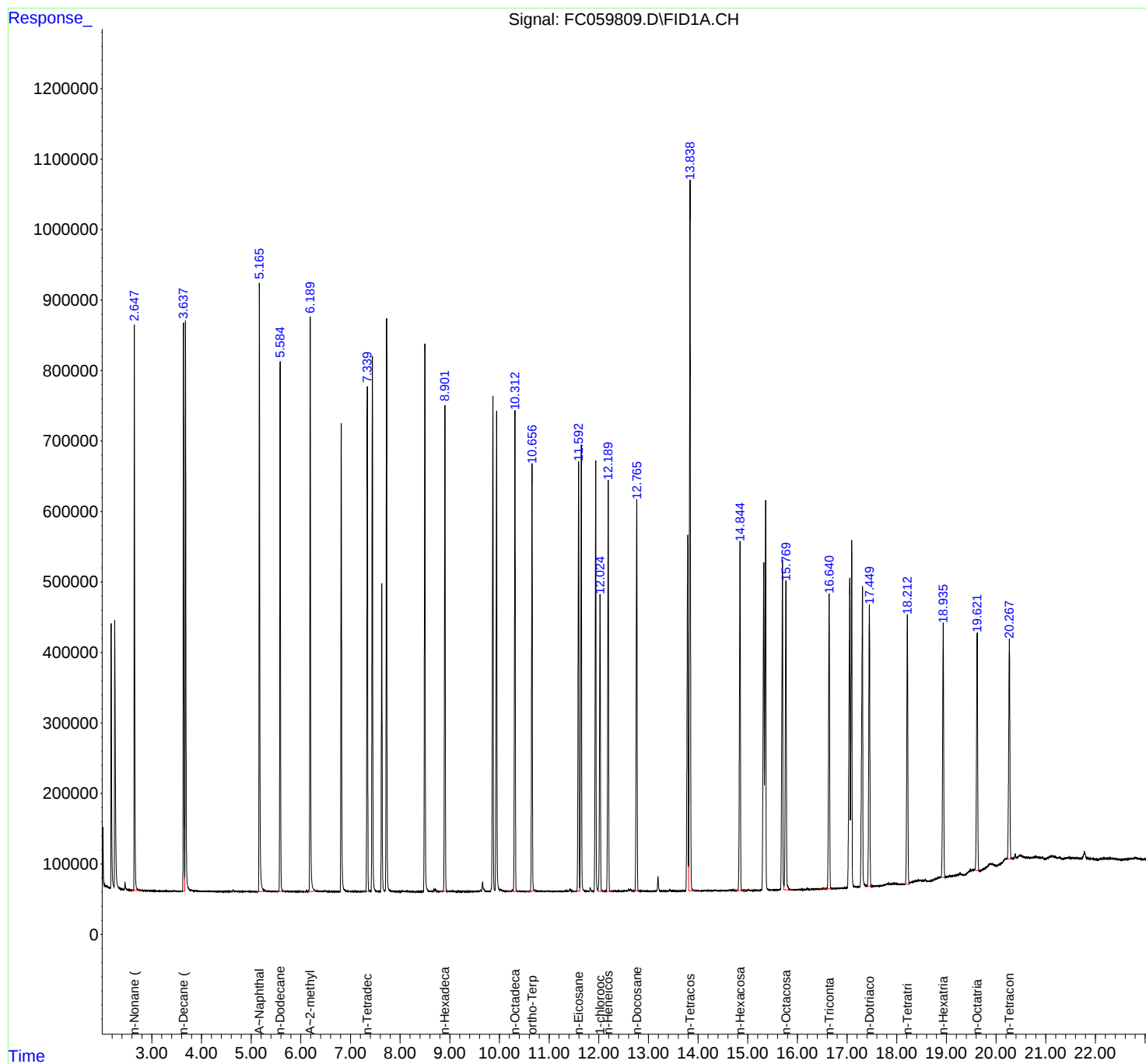
Instrument :
FID_C
ClientSampleId :
PB144887BSD

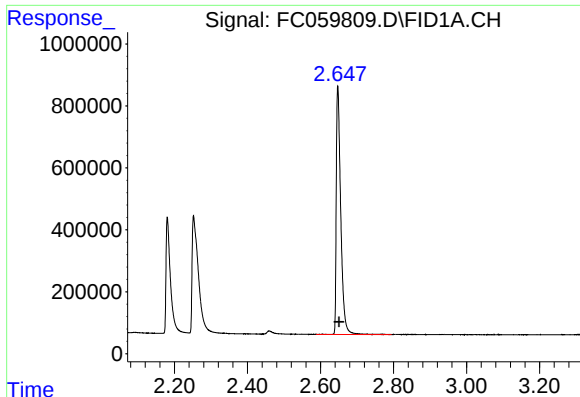
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/18/2022
Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
Quant Time: May 18 00:04:13 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





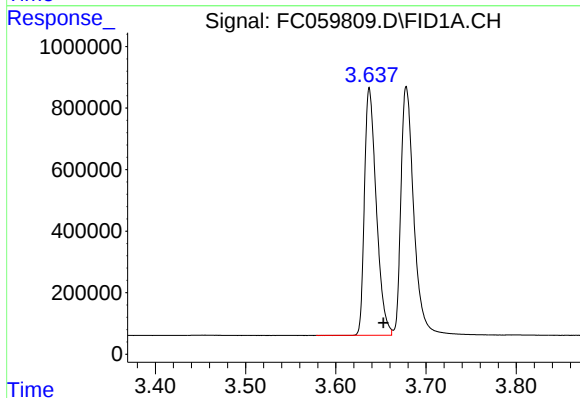
#1 n-Nonane (C9)

R.T.: 2.648 min
Delta R.T.: -0.003 min
Response: 6828604
Conc: 53.47 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144887BSD

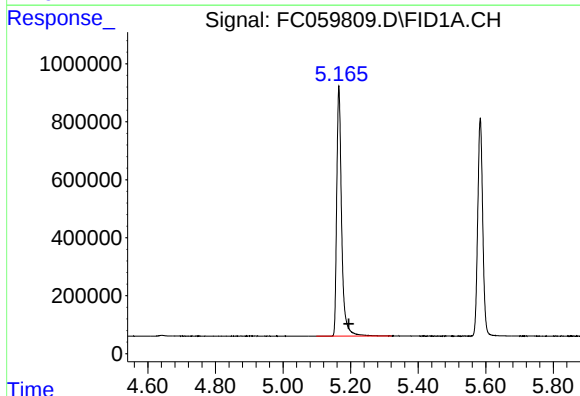
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/18/2022
Supervised By :mohammad ahmed 05/18/2022



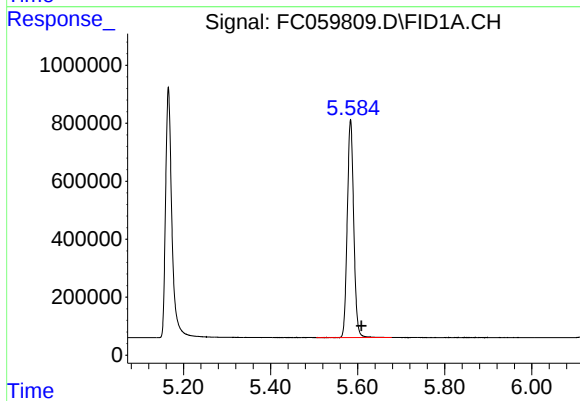
#2 n-Decane (C10)

R.T.: 3.638 min
Delta R.T.: -0.015 min
Response: 7305617
Conc: 57.69 ug/ml



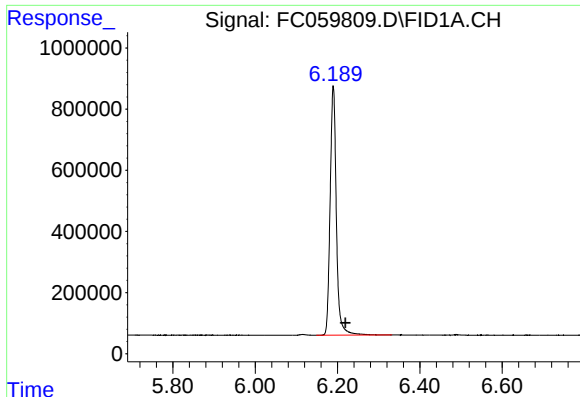
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.029 min
Response: 8664780
Conc: 58.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: -0.025 min
Response: 7719782
Conc: 58.70 ug/ml



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

R.T.: 6.190 min
Delta R.T.: -0.029 min
Response: 8543842
Conc: 56.84 ug/ml

Instrument :

FID_C

ClientSampleId :

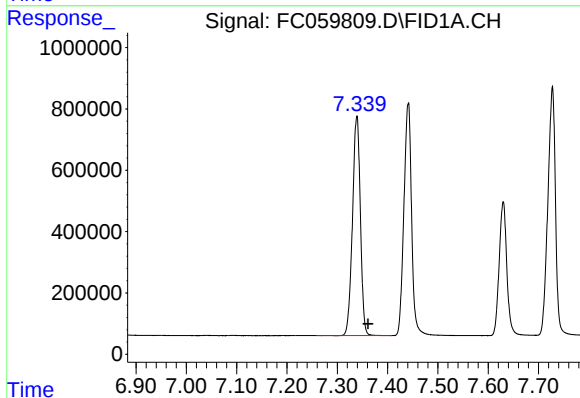
PB144887BSD

Manual Integrations

APPROVED

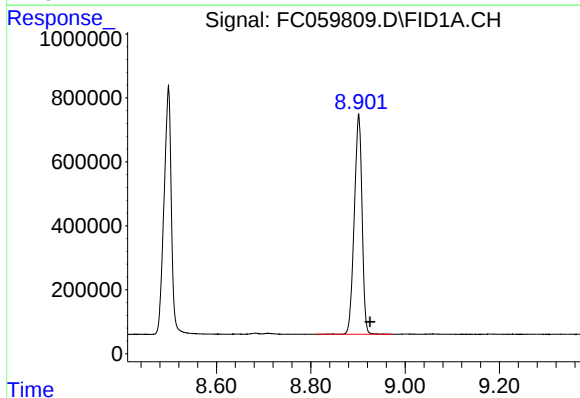
Reviewed By :Yogesh Patel 05/18/2022

Supervised By :mohammad ahmed 05/18/2022



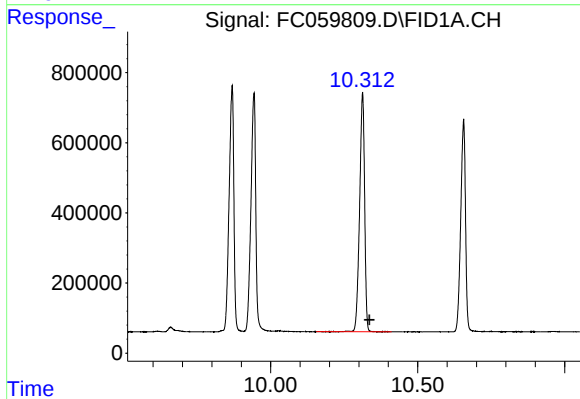
#6 n-Tetradecane (C14)

R.T.: 7.339 min
Delta R.T.: -0.022 min
Response: 7804673
Conc: 58.00 ug/ml



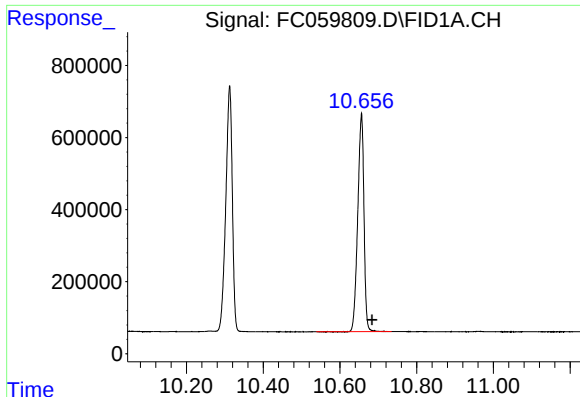
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: -0.025 min
Response: 7860235
Conc: 57.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: -0.024 min
Response: 8070562
Conc: 58.56 ug/ml



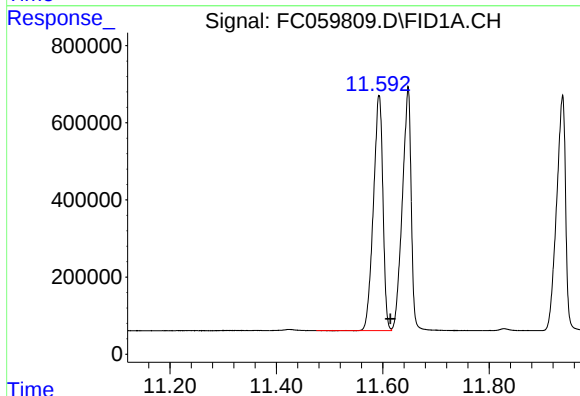
#9 ortho-Terphenyl (SURR)

R.T.: 10.655 min
Delta R.T.: -0.028 min
Response: 6816727
Conc: 46.42 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144887BSD

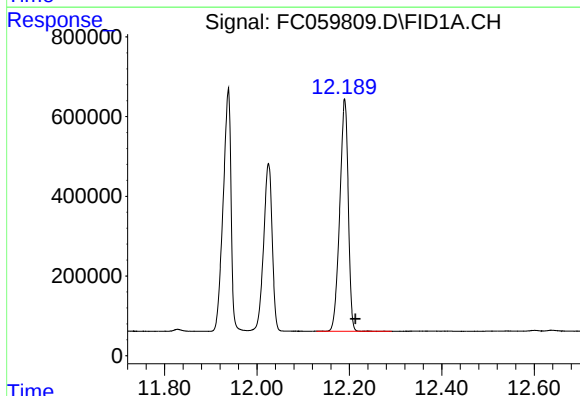
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/18/2022
Supervised By :mohammad ahmed 05/18/2022



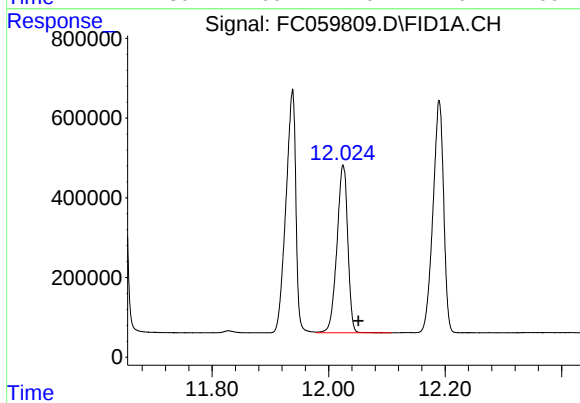
#10 n-Eicosane (C20)

R.T.: 11.592 min
Delta R.T.: -0.022 min
Response: 7572972
Conc: 56.31 ug/ml



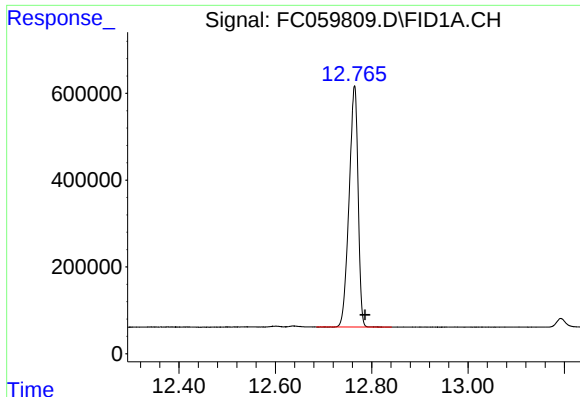
#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: -0.024 min
Response: 7419977
Conc: 55.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.024 min
Delta R.T.: -0.027 min
Response: 5431608
Conc: 47.20 ug/ml



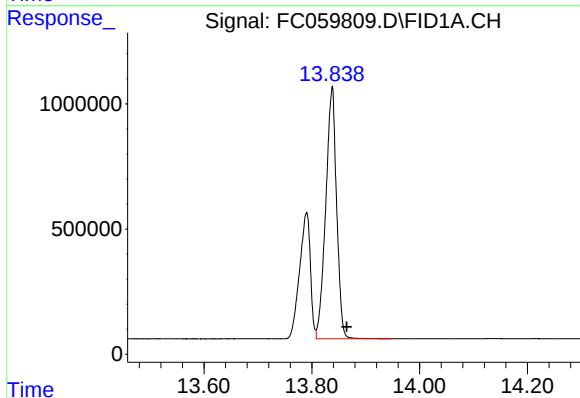
#13 n-Docosane (C22)

R.T.: 12.763 min
Delta R.T.: -0.023 min
Response: 7229955
Conc: 55.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144887BSD

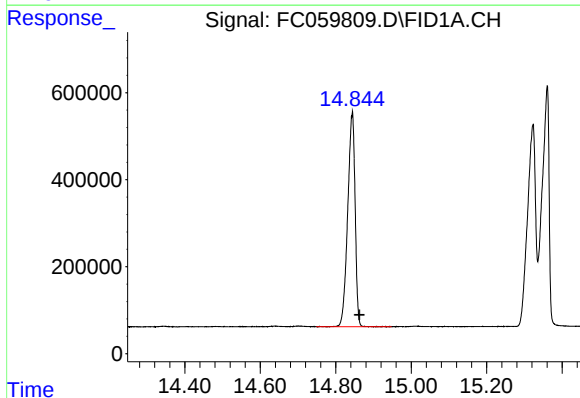
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/18/2022
Supervised By :mohammad ahmed 05/18/2022



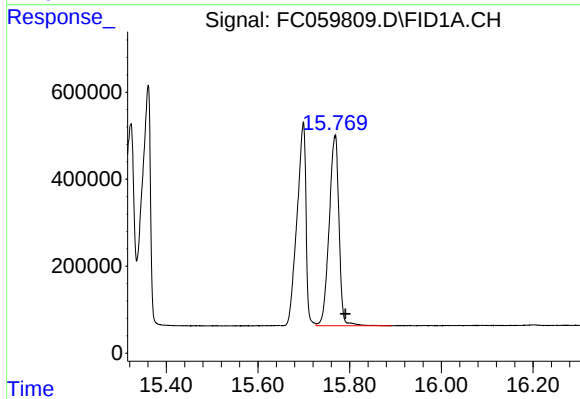
#14 n-Tetracosane (C24)

R.T.: 13.837 min
Delta R.T.: -0.028 min
Response: 14047315
Conc: 111.64 ug/ml



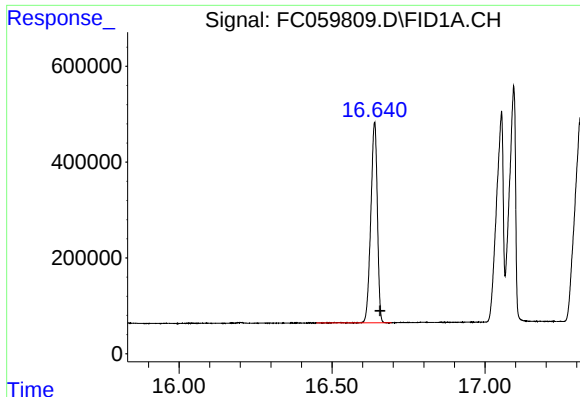
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: -0.020 min
Response: 6695551
Conc: 56.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.767 min
Delta R.T.: -0.023 min
Response: 6514738
Conc: 57.22 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.638 min
Delta R.T.: -0.019 min
Response: 6204438
Conc: 56.44 ug/ml

Instrument :

FID_C

ClientSampleId :

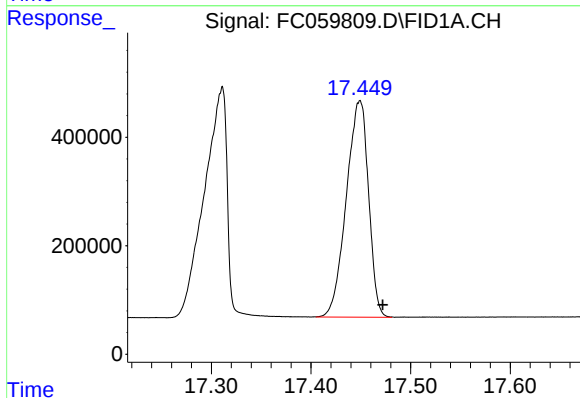
PB144887BSD

Manual Integrations

APPROVED

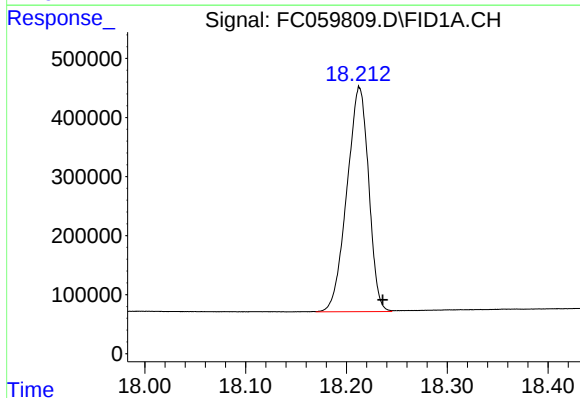
Reviewed By :Yogesh Patel 05/18/2022

Supervised By :mohammad ahmed 05/18/2022



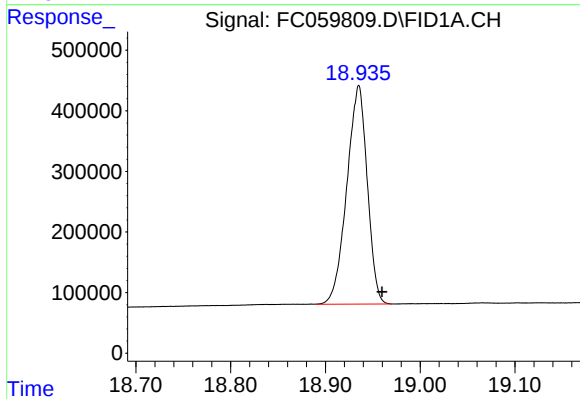
#18 n-Dotriacontane (C32)

R.T.: 17.449 min
Delta R.T.: -0.023 min
Response: 6187387
Conc: 59.85 ug/ml m



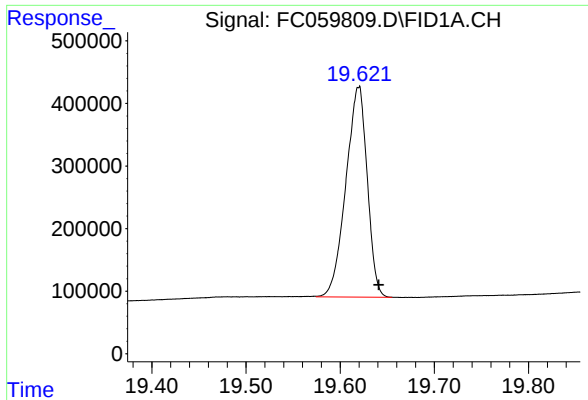
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.024 min
Response: 5705307
Conc: 58.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.935 min
Delta R.T.: -0.025 min
Response: 5413317
Conc: 58.31 ug/ml m



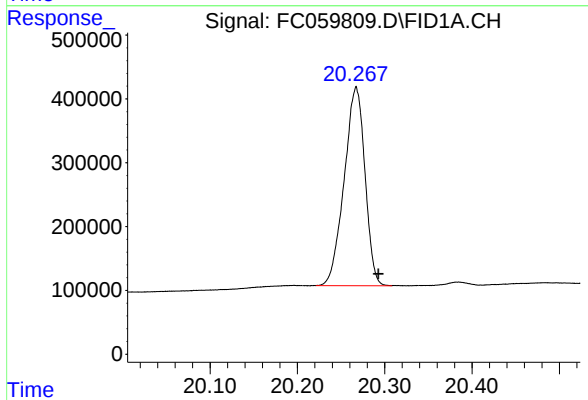
#21 n-Octatriacontane (C38)

R.T.: 19.621 min
Delta R.T.: -0.020 min
Response: 5297742
Conc: 55.65 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144887BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/18/2022
Supervised By :mohammad ahmed 05/18/2022



#22 n-Tetracontane (C40)

R.T.: 20.267 min
Delta R.T.: -0.026 min
Response: 5146932
Conc: 54.37 ug/ml m