

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059198.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2022 16:26
 Operator : UA/NP
 Sample : PB144088BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB144088BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 03:06:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.103	6134954	42.579 ug/ml
Spiked Amount 50.000		Recovery =	85.16%
12) S 1-chlorooctadecane (S...	12.548	4781196	42.653 ug/mlm
Spiked Amount 50.000		Recovery =	85.31%
Target Compounds			
1) T n-Nonane (C9)	2.976	4661110	38.036 ug/ml
2) T n-Decane (C10)	4.013	5021183	40.974 ug/ml
3) T A~Naphthalene (C11.7)	5.554	5739190	45.711 ug/ml
4) T n-Dodecane (C12)	6.004	5563043	43.554 ug/ml
5) T A~2-methylnaphthalene...	6.602	5764935	44.969 ug/ml
6) T n-Tetradecane (C14)	7.788	5758400	44.288 ug/ml
7) T n-Hexadecane (C16)	9.377	5805478	43.718 ug/ml
8) T n-Octadecane (C18)	10.812	5996925	45.105 ug/ml
10) T n-Eicosane (C20)	12.113	5675011	43.313 ug/mlm
11) T n-Heneicosane (C21)	12.721	5638039	43.210 ug/ml
13) T n-Docosane (C22)	13.304	5557828	42.903 ug/ml
14) T n-Tetracosane (C24)	14.402	5921070	46.872 ug/ml
15) T n-Hexacosane (C26)	15.421	5256226	43.515 ug/ml
16) T n-Octacosane (C28)	16.365	5226064	44.135 ug/ml
17) T n-Tricontane (C30)	17.251	5000813	43.837 ug/ml
18) T n-Dotriacontane (C32)	18.079	5028748	46.941 ug/ml
19) T n-Tetratriacontane (C34)	18.861	4709192	46.609 ug/mlm
20) T n-Hexatriacontane (C36)	19.597	4557463	47.698 ug/ml
21) T n-Octatriacontane (C38)	20.294	4402257	47.841 ug/ml
22) T n-Tetracontane (C40)	21.039	4290810	46.168 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
Data File : FC059198.D
Signal(s) : FID1A.CH
Acq On : 13 Apr 2022 16:26
Operator : UA/NP
Sample : PB144088BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

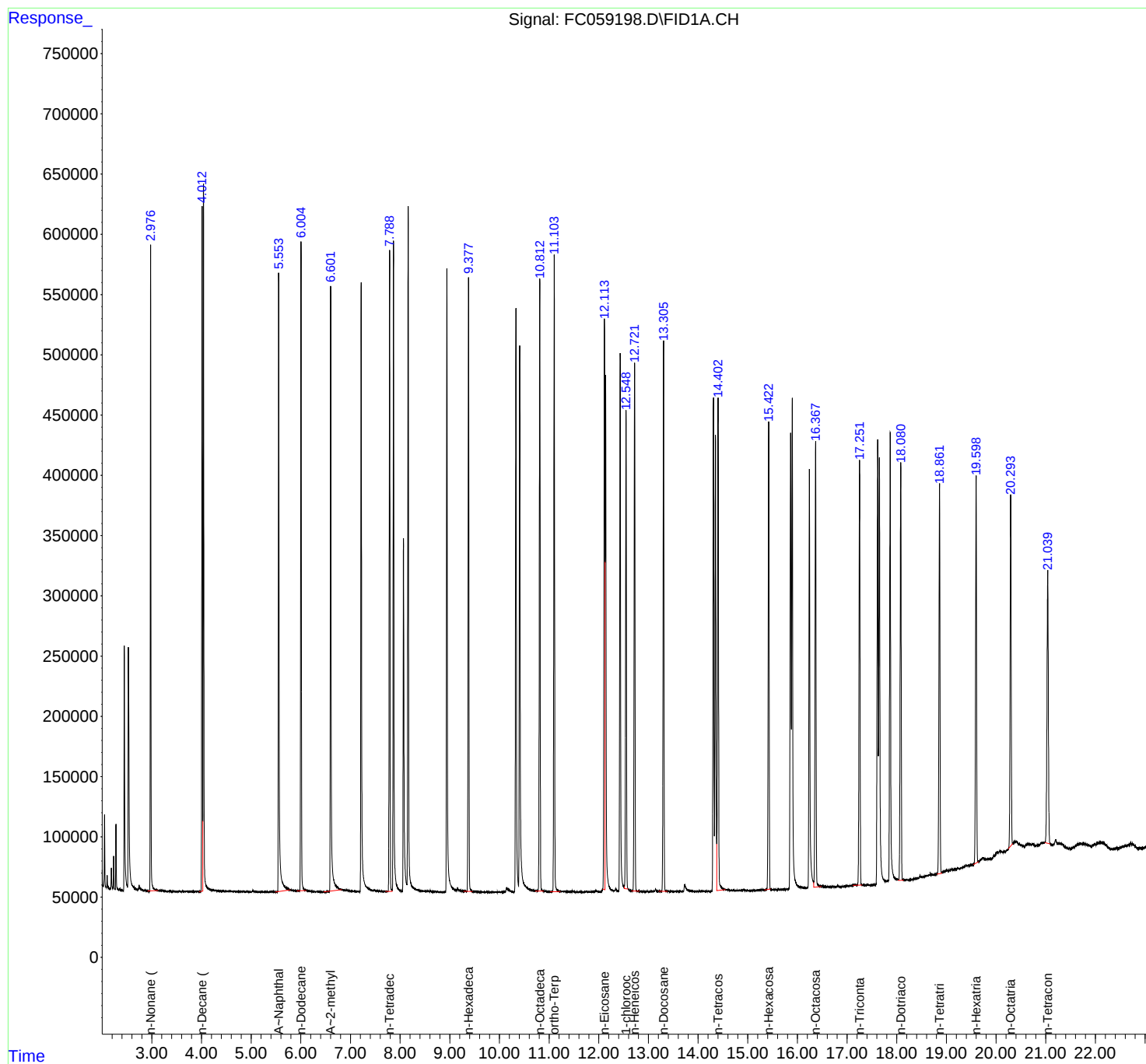
Instrument :
FID_C
ClientSampleId :
PB144088BSD

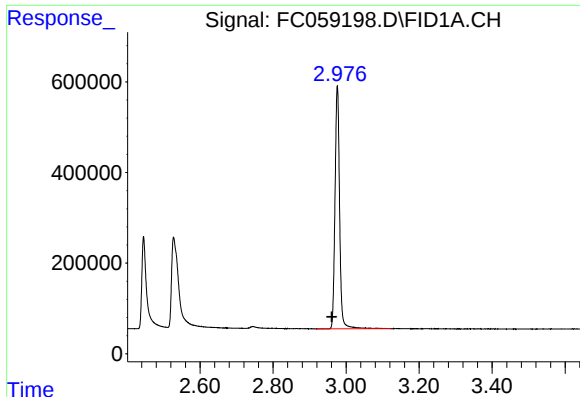
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/14/2022
Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
Quant Time: Apr 14 03:06:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
Quant Title : GC Extractables
QLast Update : Fri Mar 25 23:18:46 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





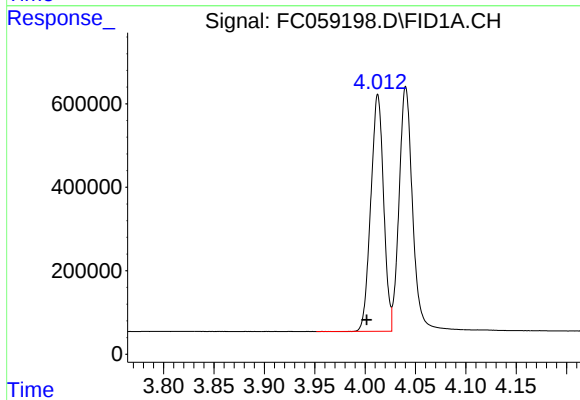
#1 n-Nonane (C9)

R.T.: 2.976 min
Delta R.T.: 0.015 min
Response: 4661110
Conc: 38.04 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144088BSD

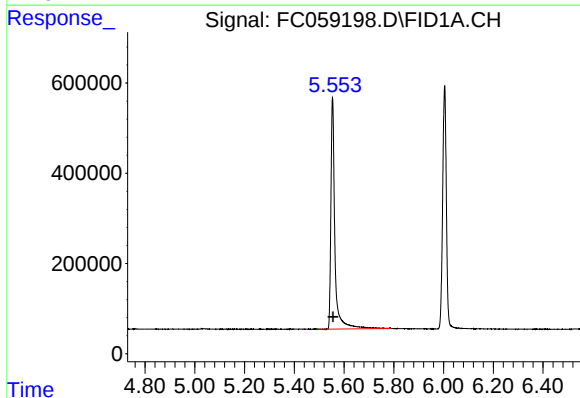
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/14/2022
Supervised By :mohammad ahmed 04/18/2022



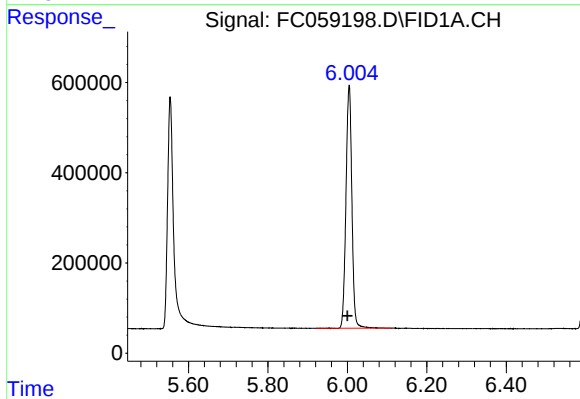
#2 n-Decane (C10)

R.T.: 4.013 min
Delta R.T.: 0.011 min
Response: 5021183
Conc: 40.97 ug/ml



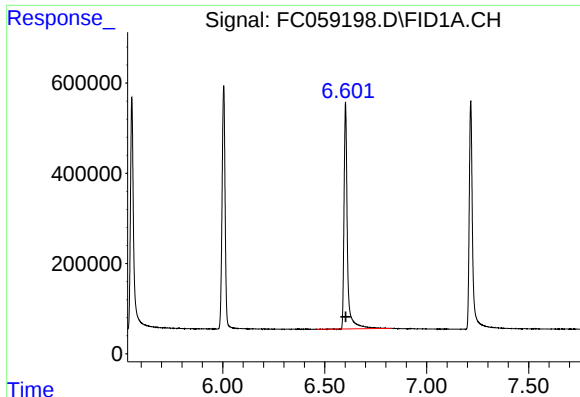
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 5739190
Conc: 45.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 5563043
Conc: 43.55 ug/ml



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

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 5764935
Conc: 44.97 ug/ml

Instrument :

FID_C

ClientSampleId :

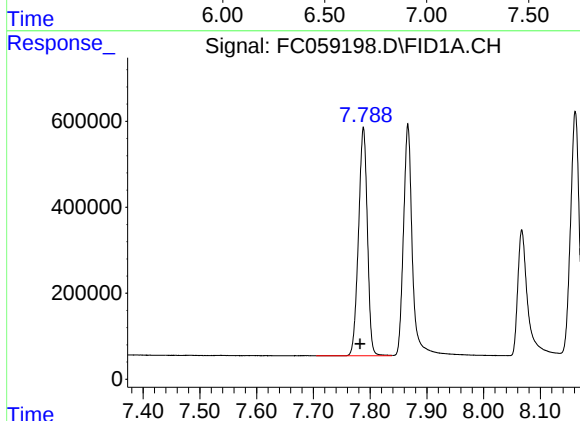
PB144088BSD

Manual Integrations

APPROVED

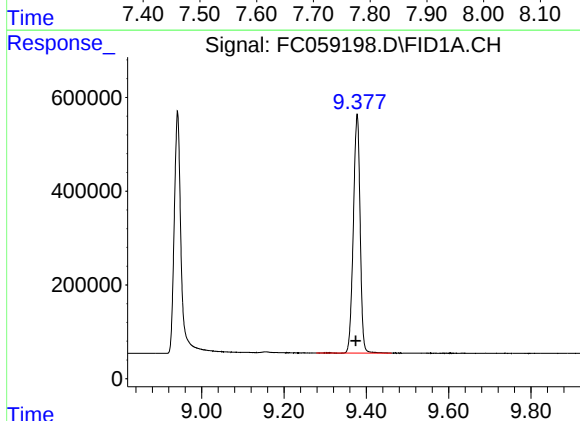
Reviewed By :Yogesh Patel 04/14/2022

Supervised By :mohammad ahmed 04/18/2022



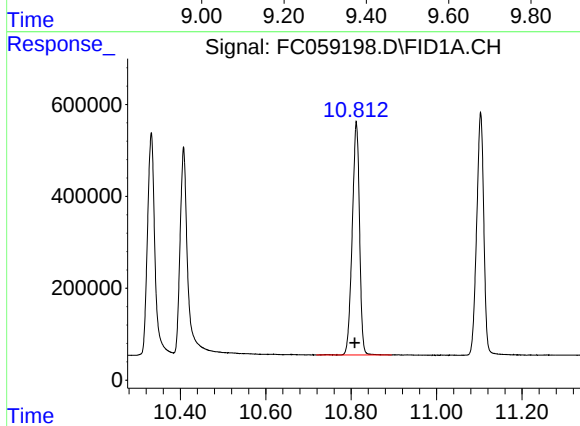
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.006 min
Response: 5758400
Conc: 44.29 ug/ml



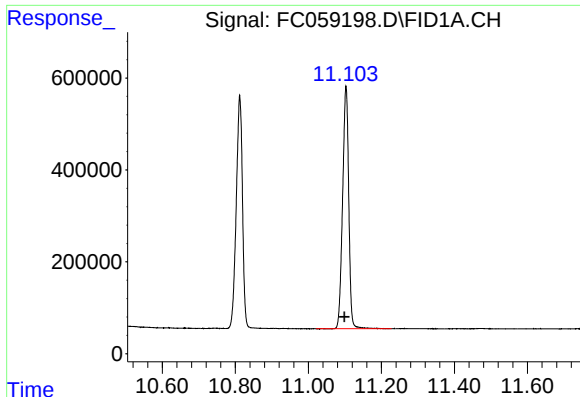
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.003 min
Response: 5805478
Conc: 43.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 5996925
Conc: 45.10 ug/ml



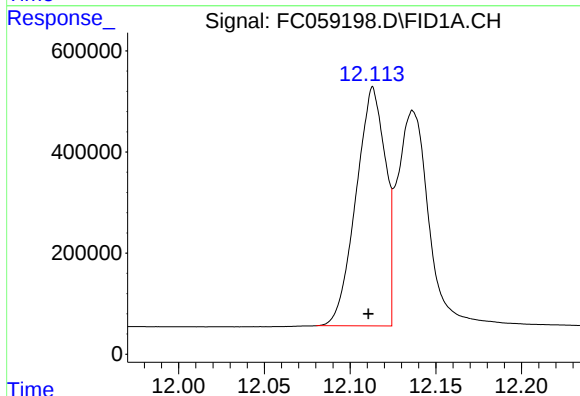
#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 6134954
Conc: 42.58 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144088BSD

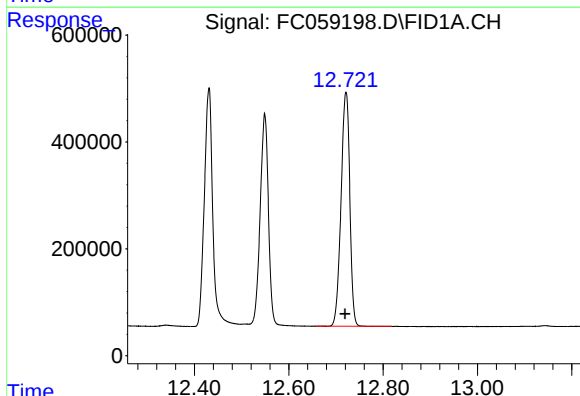
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/14/2022
Supervised By :mohammad ahmed 04/18/2022



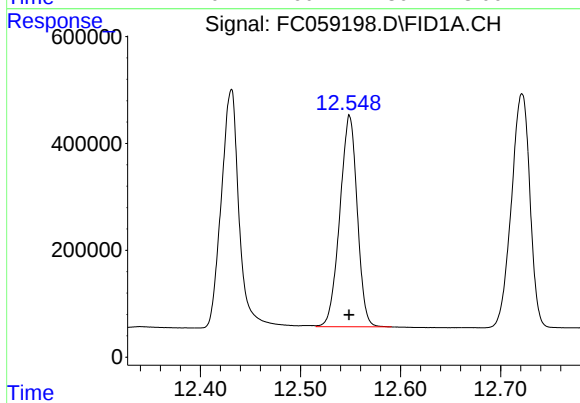
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.002 min
Response: 5675011
Conc: 43.31 ug/ml m



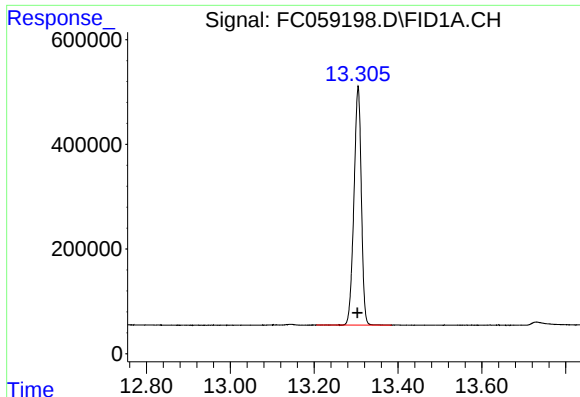
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.001 min
Response: 5638039
Conc: 43.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 4781196
Conc: 42.65 ug/ml m



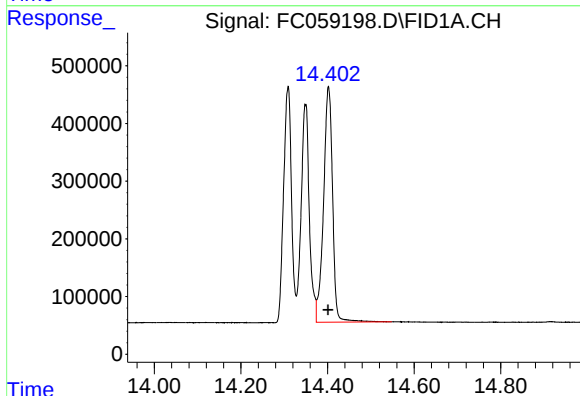
#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.002 min
Response: 5557828
Conc: 42.90 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144088BSD

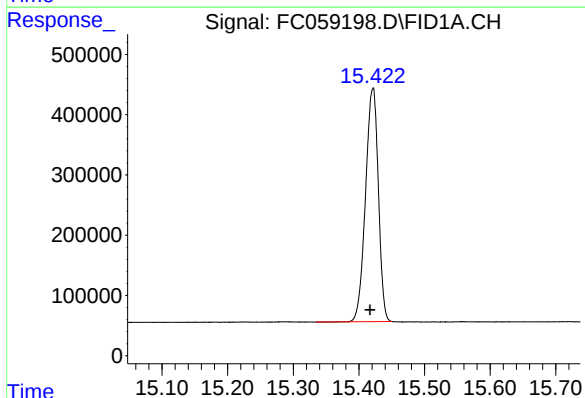
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/14/2022
Supervised By :mohammad ahmed 04/18/2022



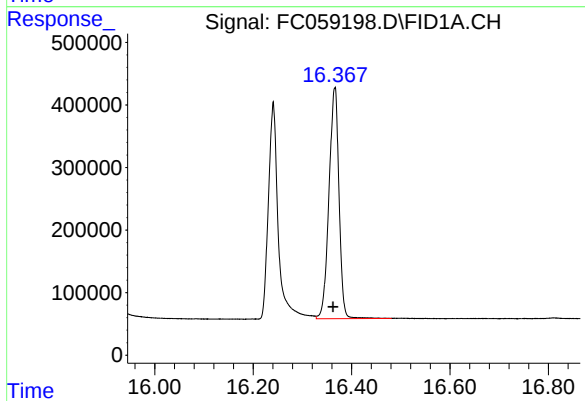
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 5921070
Conc: 46.87 ug/ml



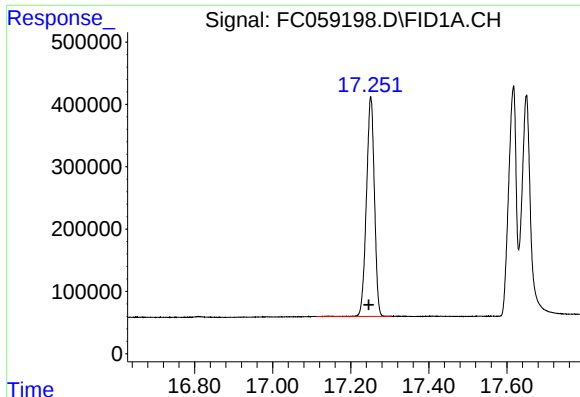
#15 n-Hexacosane (C26)

R.T.: 15.421 min
Delta R.T.: 0.004 min
Response: 5256226
Conc: 43.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.003 min
Response: 5226064
Conc: 44.13 ug/ml



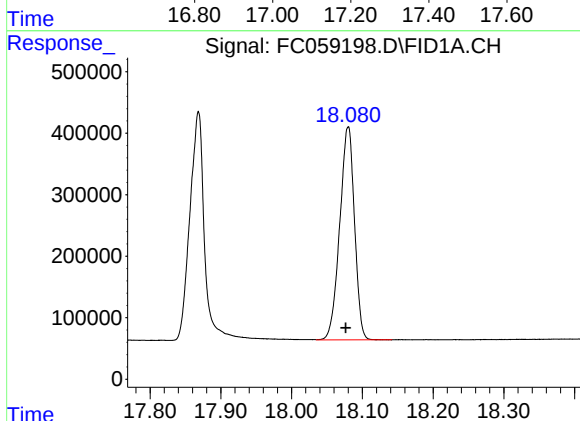
#17 n-Tricontane (C30)

R.T.: 17.251 min
Delta R.T.: 0.005 min
Response: 5000813
Conc: 43.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB144088BSD

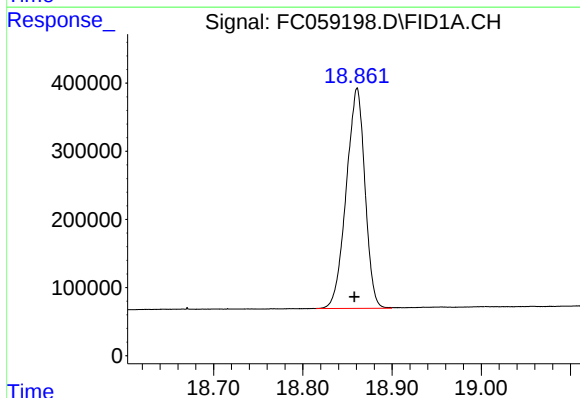
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/14/2022
Supervised By :mohammad ahmed 04/18/2022



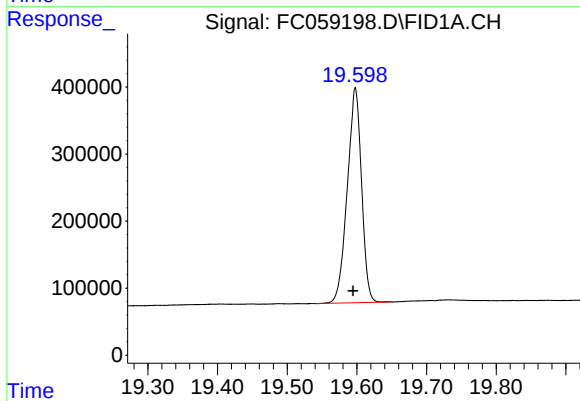
#18 n-Dotriacontane (C32)

R.T.: 18.079 min
Delta R.T.: 0.003 min
Response: 5028748
Conc: 46.94 ug/ml



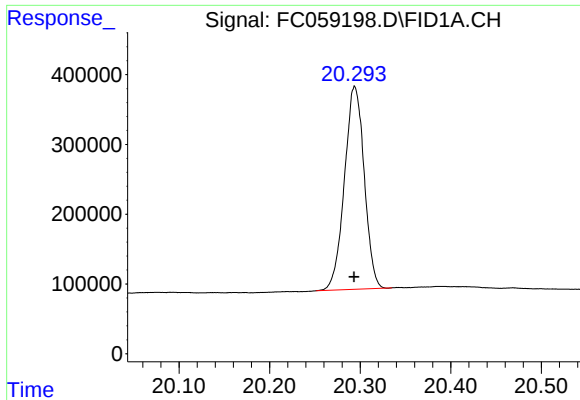
#19 n-Tetratriacontane (C34)

R.T.: 18.861 min
Delta R.T.: 0.003 min
Response: 4709192
Conc: 46.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.597 min
Delta R.T.: 0.002 min
Response: 4557463
Conc: 47.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.294 min
Delta R.T.: 0.001 min
Response: 4402257
Conc: 47.84 ug/ml

Instrument :

FID_C

ClientSampleId :

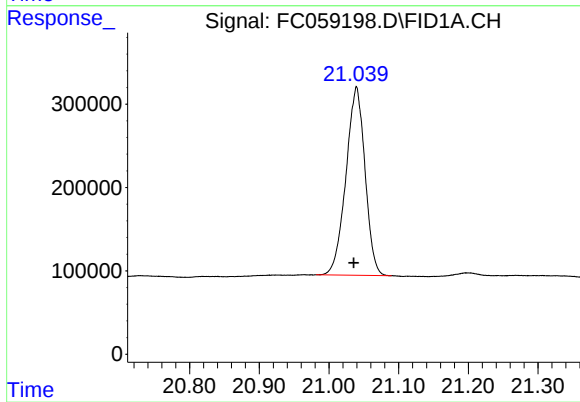
PB144088BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/14/2022

Supervised By :mohammad ahmed 04/18/2022



#22 n-Tetracontane (C40)

R.T.: 21.039 min
Delta R.T.: 0.003 min
Response: 4290810
Conc: 46.17 ug/ml