

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
 Data File : FD040524.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 4:38
 Operator : AJ\MA
 Sample : PB141937BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141937BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2022

Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e

Quant Time: Jan 11 07:00:25 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M

Quant Title : GC Extractables

QLast Update : Wed Jan 05 07:08:39 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)	10.625	7757276	50.310 ug/ml
Spiked Amount 50.000		Recovery =	100.62%
12) S 1-chlorooctadecane (S...	12.062	6052487	51.420 ug/ml
Spiked Amount 50.000		Recovery =	102.84%
Target Compounds			
1) T n-Nonane (C9)	2.586	6224693	48.486 ug/ml
2) T n-Decane (C10)	3.567	6757525	52.479 ug/ml
3) T A~Naphthalene (C11.7)	5.092	8056624	56.708 ug/ml
4) T n-Dodecane (C12)	5.529	7333513	57.376 ug/ml
5) T A~2-methylnaphthalene...	6.132	8080813	57.281 ug/ml
6) T n-Tetradecane (C14)	7.308	7587259	58.571 ug/ml
7) T n-Hexadecane (C16)	8.893	7884214	60.515 ug/ml
8) T n-Octadecane (C18)	10.325	7953899	58.700 ug/ml
10) T n-Eicosane (C20)	11.627	8348526	61.377 ug/ml
11) T n-Heneicosane (C21)	12.233	7709289	55.673 ug/ml
13) T n-Docosane (C22)	12.816	7646893	55.457 ug/ml
14) T n-Tetracosane (C24)	13.912	7554464	54.028 ug/ml
15) T n-Hexacosane (C26)	14.929	7158255	51.930 ug/ml
16) T n-Octacosane (C28)	15.872	6891410	50.789 ug/ml
17) T n-Tricontane (C30)	16.755	6584192	50.516 ug/ml
18) T n-Dotriacontane (C32)	17.581	6216511	52.002 ug/ml
19) T n-Tetratriacontane (C34)	18.360	5656517	53.722 ug/ml
20) T n-Hexatriacontane (C36)	19.096	4791603	47.287 ug/ml
21) T n-Octatriacontane (C38)	19.795	4518676	50.575 ug/mlm
22) T n-Tetracontane (C40)	20.593	4662720	54.546 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
Data File : FD040524.D
Signal(s) : FID2B.CH
Acq On : 11 Jan 2022 4:38
Operator : AJ\MA
Sample : PB141937BS
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :

FID_D

Client Sample Id :

PB141937BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2022

Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e

Quant Time: Jan 11 07:00:25 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M

Quant Title : GC Extractables

QLast Update : Wed Jan 05 07:08:39 2022

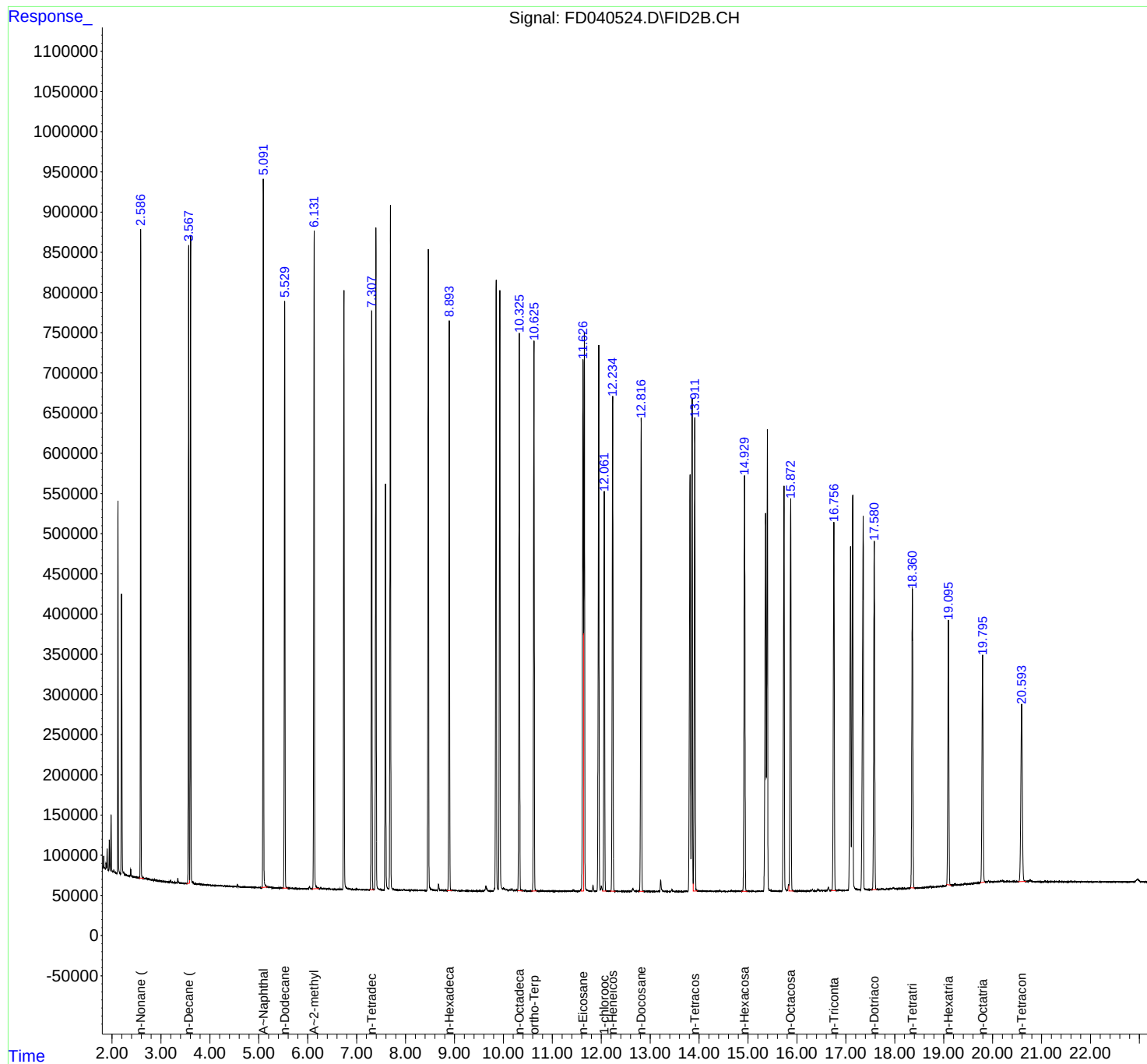
Response via : Initial Calibration

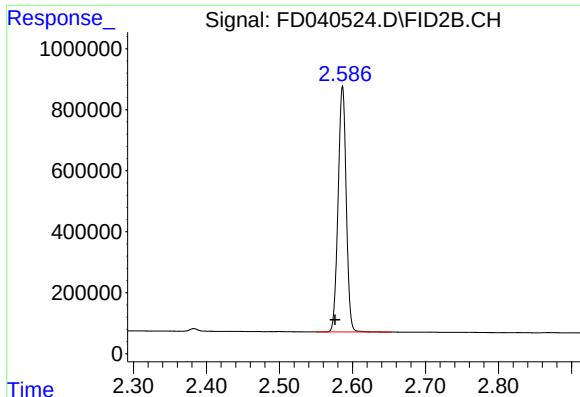
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.586 min
Delta R.T.: 0.010 min
Response: 6224693
Conc: 48.49 ug/ml

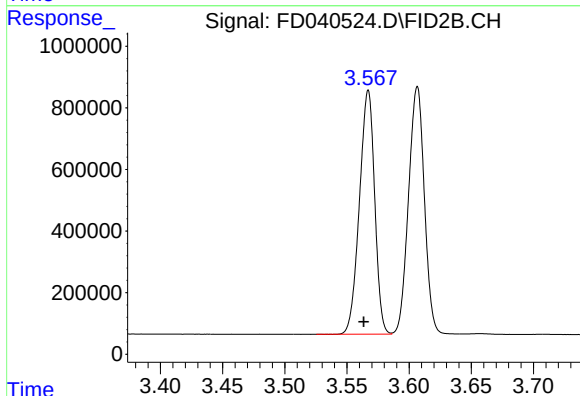
Instrument :

FID_D

ClientSampleId :
PB141937BS

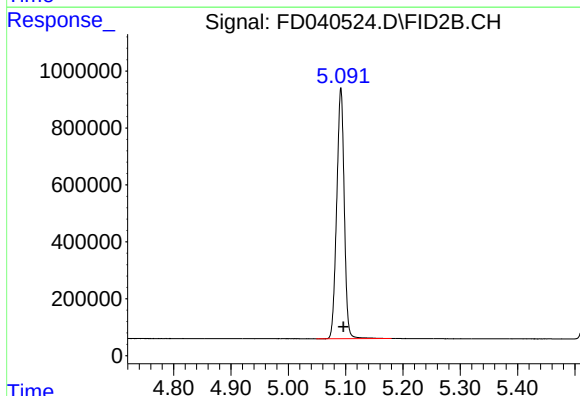
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



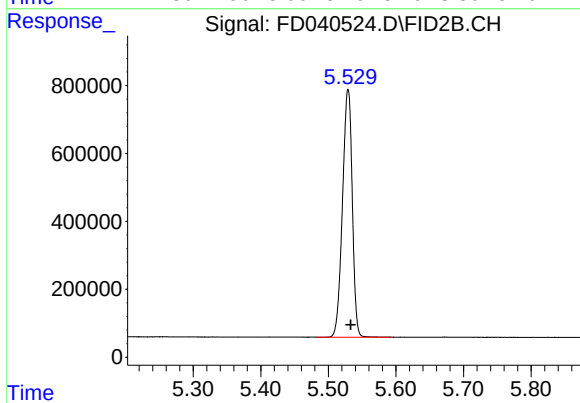
#2 n-Decane (C10)

R.T.: 3.567 min
Delta R.T.: 0.004 min
Response: 6757525
Conc: 52.48 ug/ml



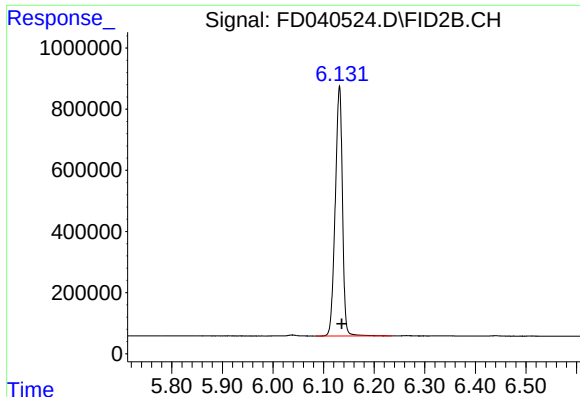
#3 A~Naphthalene (C11.7)

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 8056624
Conc: 56.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 7333513
Conc: 57.38 ug/ml



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

R.T.: 6.132 min
Delta R.T.: -0.005 min
Response: 8080813
Conc: 57.28 ug/ml

Instrument :

FID_D

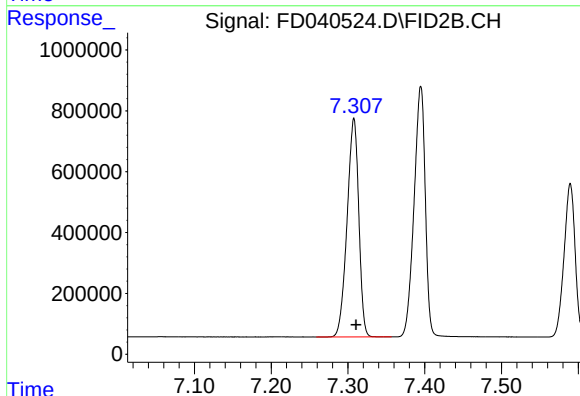
ClientSampleId :

PB141937BS

Manual Integrations

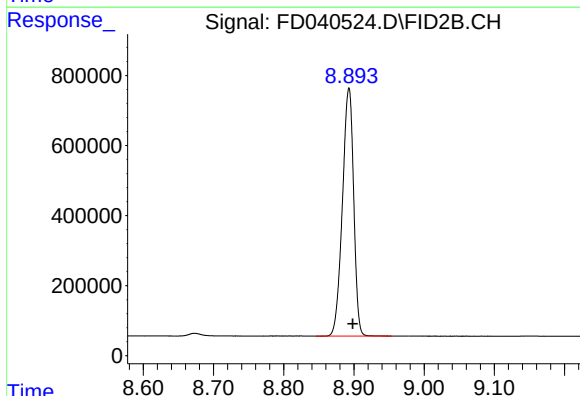
APPROVED

Reviewed By :Yogesh Patel 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



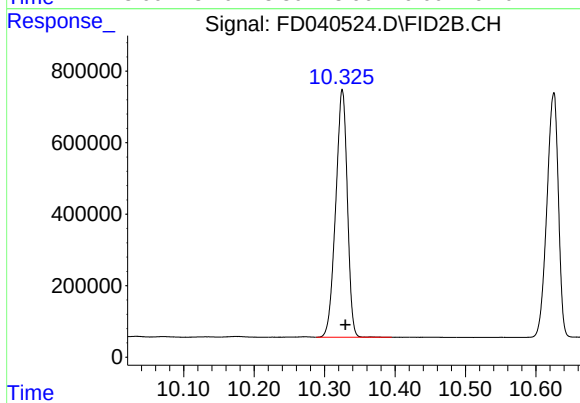
#6 n-Tetradecane (C14)

R.T.: 7.308 min
Delta R.T.: -0.003 min
Response: 7587259
Conc: 58.57 ug/ml



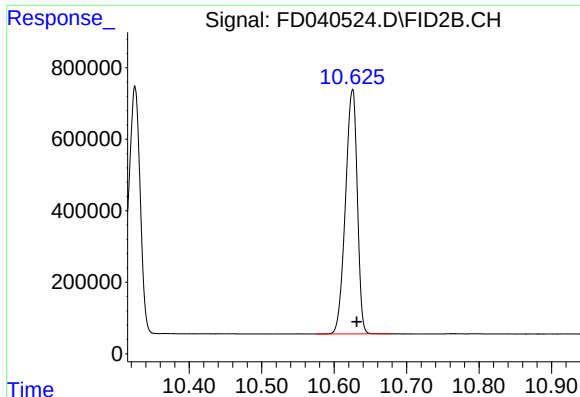
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.005 min
Response: 7884214
Conc: 60.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.325 min
Delta R.T.: -0.005 min
Response: 7953899
Conc: 58.70 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.625 min
Delta R.T.: -0.006 min
Response: 7757276
Conc: 50.31 ug/ml

Instrument :

FID_D

ClientSampleId :

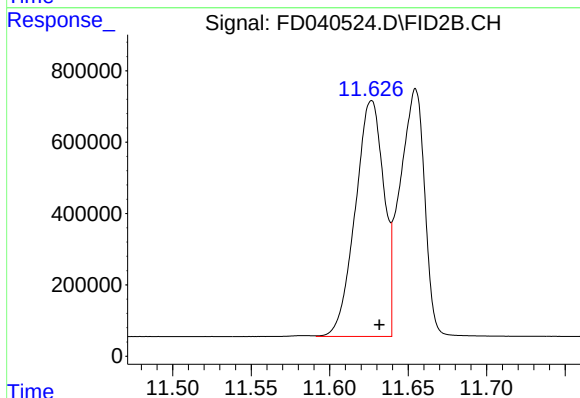
PB141937BS

Manual Integrations

APPROVED

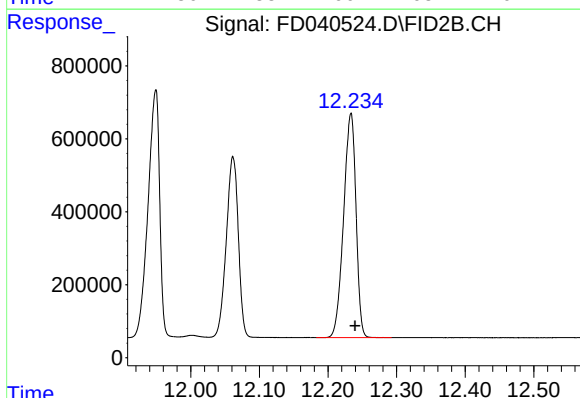
Reviewed By :Yogesh Patel 01/11/2022

Supervised By :mohammad ahmed 01/12/2022



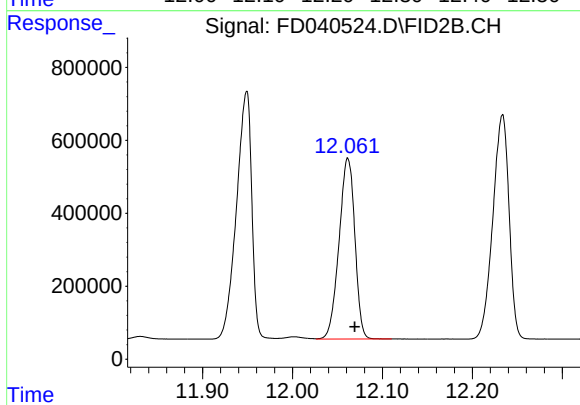
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 8348526
Conc: 61.38 ug/ml



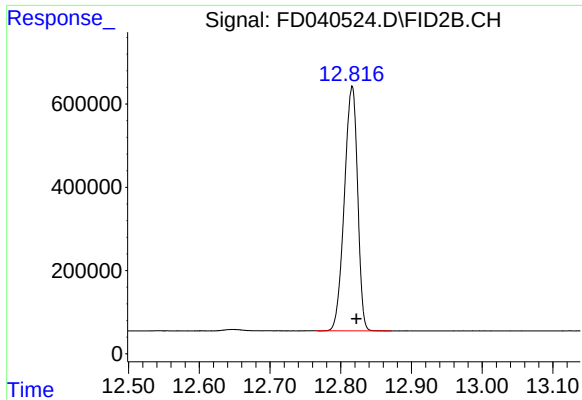
#11 n-Heneicosane (C21)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 7709289
Conc: 55.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 6052487
Conc: 51.42 ug/ml



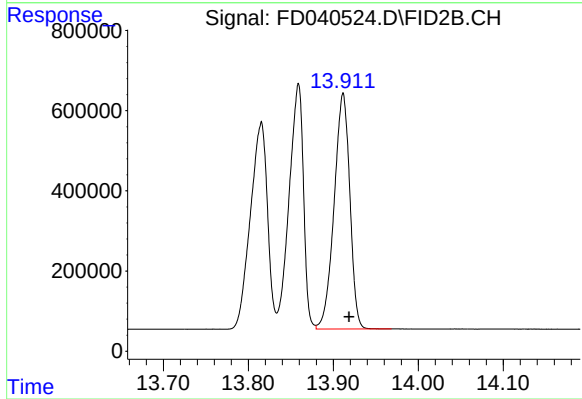
#13 n-Docosane (C22)

R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 7646893
Conc: 55.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB141937BS

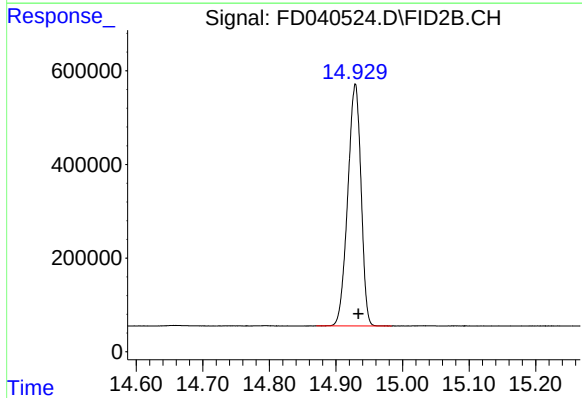
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



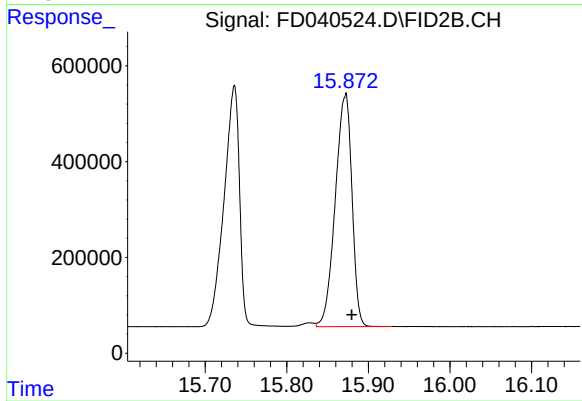
#14 n-Tetracosane (C24)

R.T.: 13.912 min
Delta R.T.: -0.007 min
Response: 7554464
Conc: 54.03 ug/ml



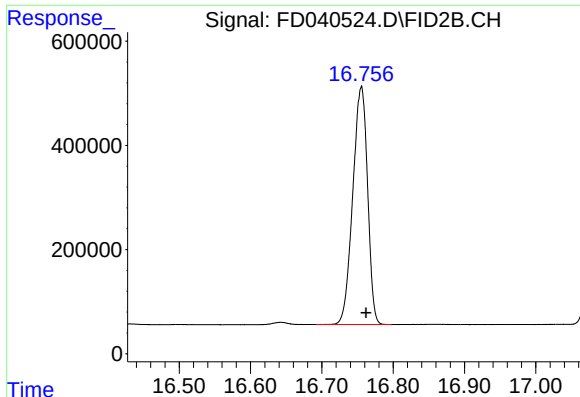
#15 n-Hexacosane (C26)

R.T.: 14.929 min
Delta R.T.: -0.005 min
Response: 7158255
Conc: 51.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.872 min
Delta R.T.: -0.007 min
Response: 6891410
Conc: 50.79 ug/ml



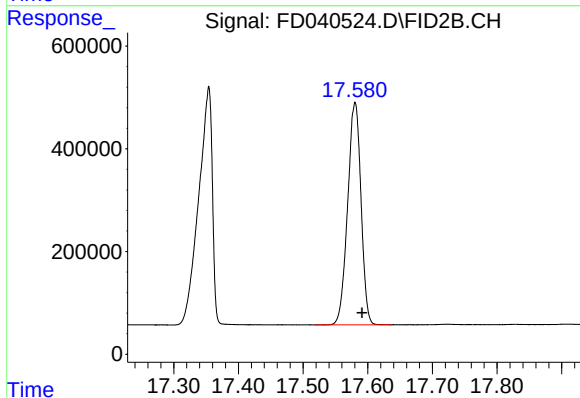
#17 n-Tricontane (C30)

R.T.: 16.755 min
Delta R.T.: -0.007 min
Response: 6584192
Conc: 50.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB141937BS

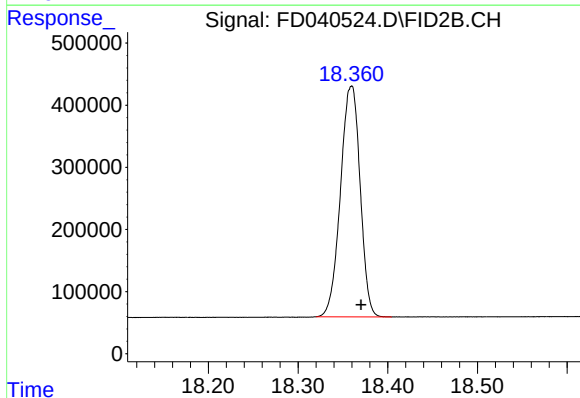
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



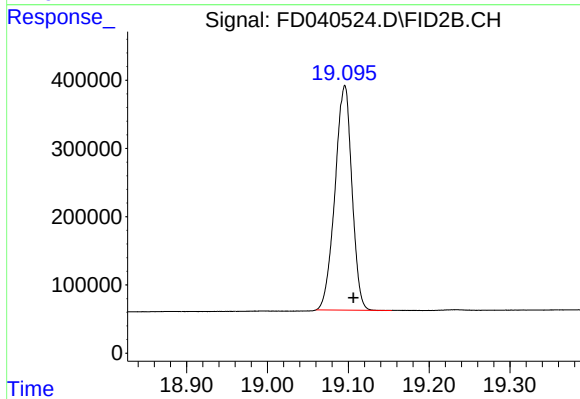
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.011 min
Response: 6216511
Conc: 52.00 ug/ml



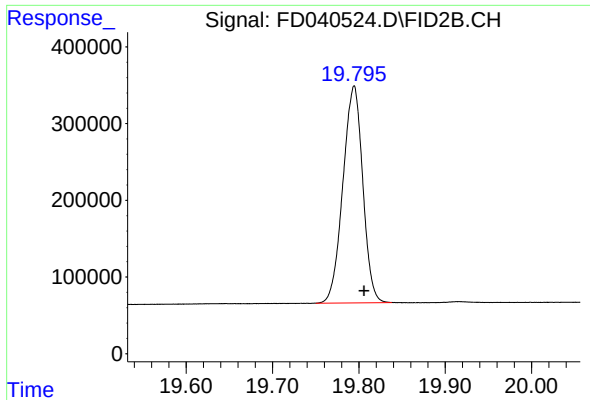
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 5656517
Conc: 53.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.011 min
Response: 4791603
Conc: 47.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.795 min
Delta R.T.: -0.011 min
Response: 4518676
Conc: 50.58 ug/ml

Instrument :

FID_D

ClientSampleId :

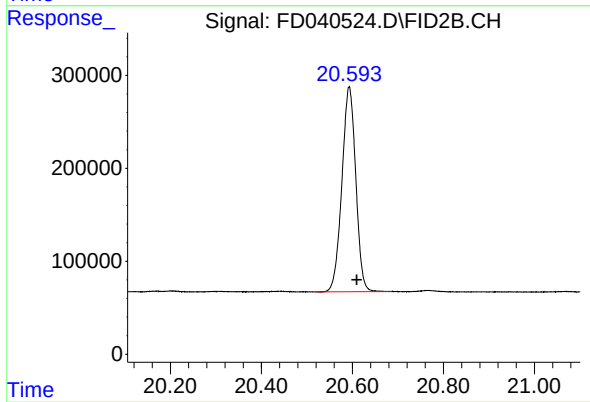
PB141937BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2022

Supervised By :mohammad ahmed 01/12/2022



#22 n-Tetracontane (C40)

R.T.: 20.593 min
Delta R.T.: -0.016 min
Response: 4662720
Conc: 54.55 ug/ml