

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AL\
 Data File : FD041574.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2022 8:58
 Operator : UA/NP
 Sample : N1944-03MS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

CHRT-24449MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/17/2022

Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e

Quant Time: Mar 17 03:19:14 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M

Quant Title : GC Extractables

QLast Update : Thu Feb 24 01:21:33 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)	11.287	17901468	103.201 ug/mlm
Spiked Amount 50.000		Recovery =	206.40%
12) S 1-chlorooctadecane (S...	12.724	4609727	34.049 ug/mlm
Spiked Amount 50.000		Recovery =	68.10%
Target Compounds			
1) T n-Nonane (C9)	3.104	5089821	34.953 ug/ml
2) T n-Decane (C10)	4.150	5953213	41.229 ug/ml
3) T A~Naphthalene (C11.7)	5.699	7321520	45.833 ug/ml
4) T n-Dodecane (C12)	6.146	7068447	47.726 ug/ml
5) T A~2-methylnaphthalene...	6.747	8188737	51.170 ug/mlm
6) T n-Tetradecane (C14)	7.932	8000083	53.438 ug/mlm
7) T n-Hexadecane (C16)	9.535	9310144	61.157 ug/mlm
8) T n-Octadecane (C18)	10.948	3572082	22.982 ug/mlm
10) T n-Eicosane (C20)	12.242	1641588	10.574 ug/mlm
11) T n-Heneicosane (C21)	12.888	8113467	51.815 ug/mlm
13) T n-Docosane (C22)	13.458	9019754	57.593 ug/mlm
14) T n-Tetracosane (C24)	14.535	8866260	56.526 ug/ml
15) T n-Hexacosane (C26)	15.547	7334707	47.739 ug/ml
16) T n-Octacosane (C28)	16.487	7401471	49.732 ug/ml
17) T n-Tricontane (C30)	17.372	6886521	48.943 ug/ml
18) T n-Dotriacontane (C32)	18.198	6770469	53.216 ug/ml
19) T n-Tetratriacontane (C34)	18.978	7005575	61.508 ug/ml
20) T n-Hexatriacontane (C36)	19.712	6477280	63.197 ug/ml
21) T n-Octatriacontane (C38)	20.409	6494651	68.405 ug/ml
22) T n-Tetracontane (C40)	21.193	6559402	69.212 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AL\
Data File : FD041574.D
Signal(s) : FID2B.CH
Acq On : 16 Mar 2022 8:58
Operator : UA/NP
Sample : N1944-03MS
Misc :
ALS Vial : 79 Sample Multiplier: 1

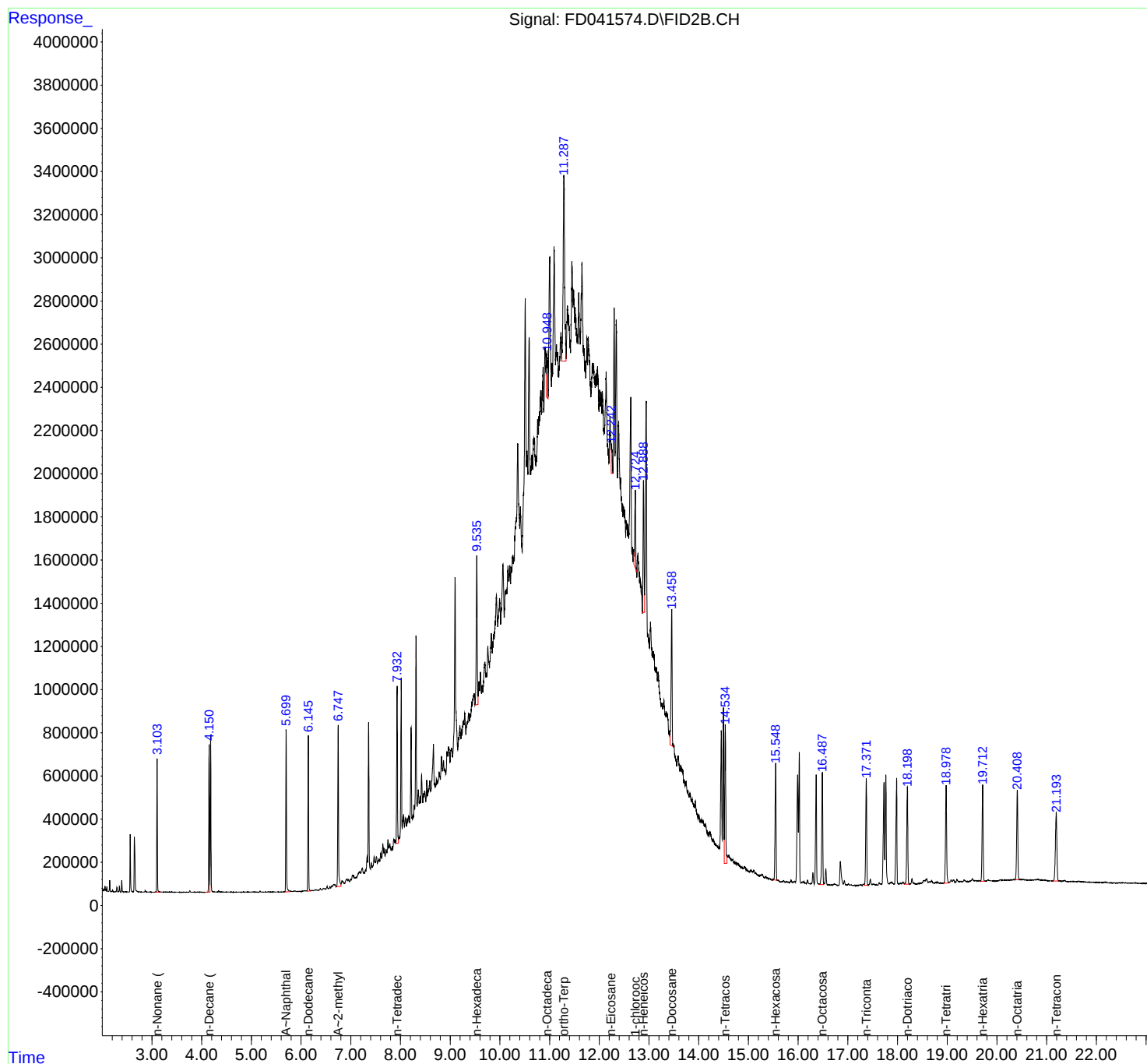
Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

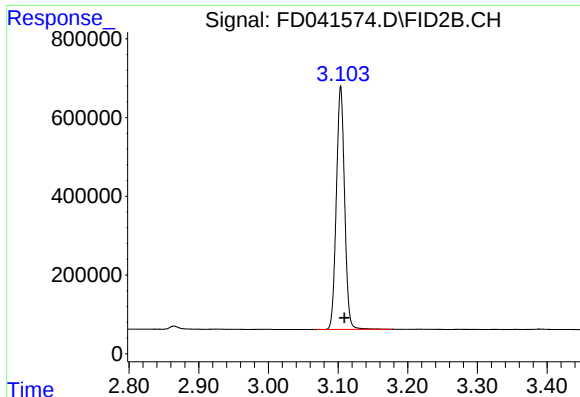
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e
Quant Time: Mar 17 03:19:14 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
Quant Title : GC Extractables
QLast Update : Thu Feb 24 01:21:33 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





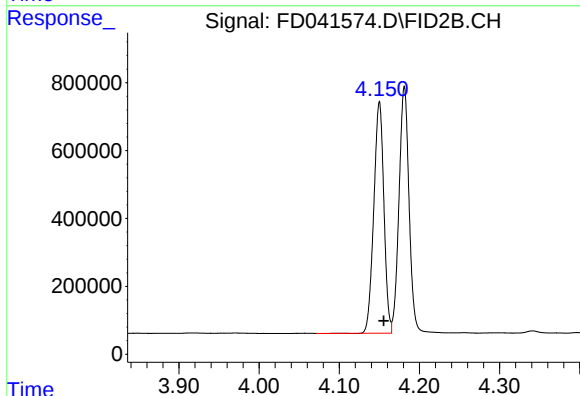
#1 n-Nonane (C9)

R.T.: 3.104 min
Delta R.T.: -0.005 min
Response: 5089821
Conc: 34.95 ug/ml

Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

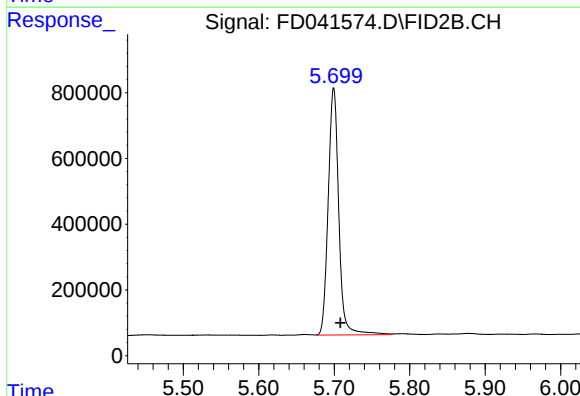
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



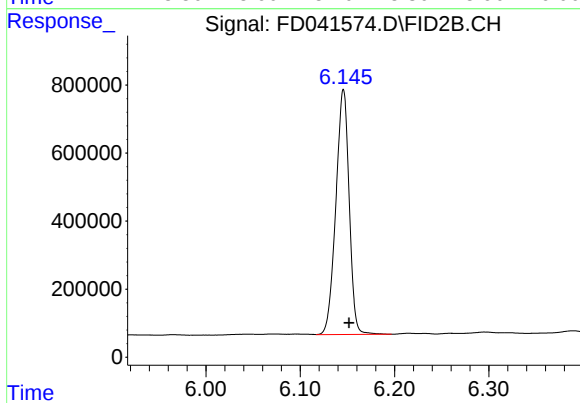
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 5953213
Conc: 41.23 ug/ml



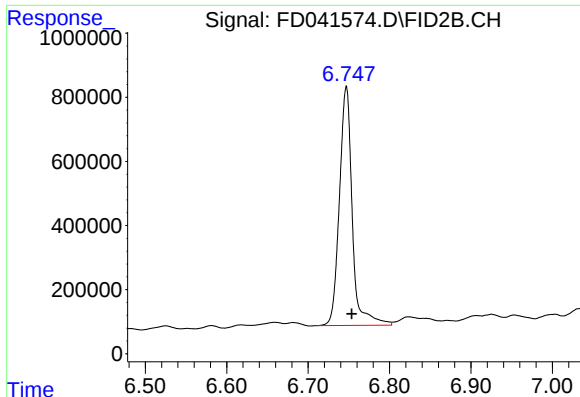
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.009 min
Response: 7321520
Conc: 45.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.146 min
Delta R.T.: -0.006 min
Response: 7068447
Conc: 47.73 ug/ml



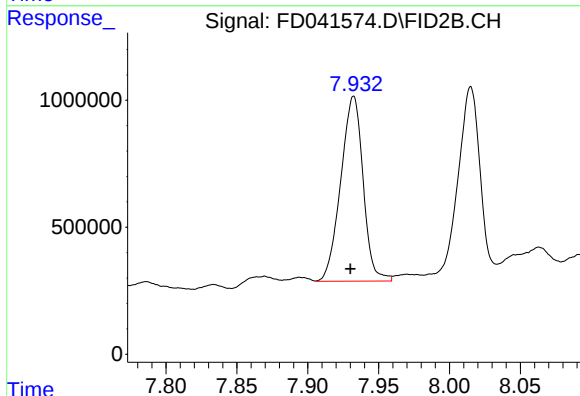
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 8188737
Conc: 51.17 ug/ml

Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

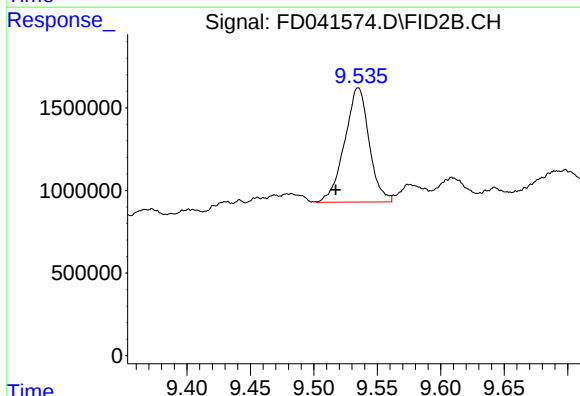
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



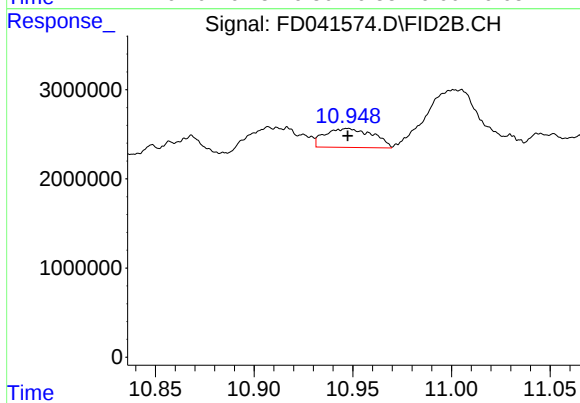
#6 n-Tetradecane (C14)

R.T.: 7.932 min
Delta R.T.: 0.002 min
Response: 8000083
Conc: 53.44 ug/ml m



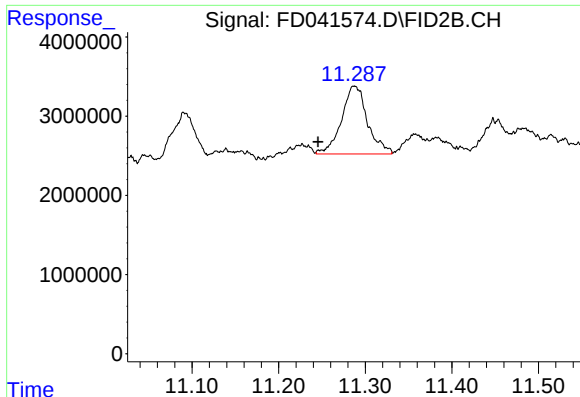
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.018 min
Response: 9310144
Conc: 61.16 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.948 min
Delta R.T.: 0.000 min
Response: 3572082
Conc: 22.98 ug/ml m



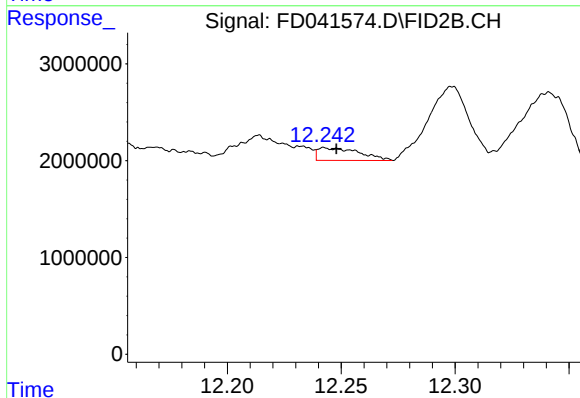
#9 ortho-Terphenyl (SURR)

R.T.: 11.287 min
Delta R.T.: 0.042 min
Response: 17901468
Conc: 103.20 ug/ml

Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

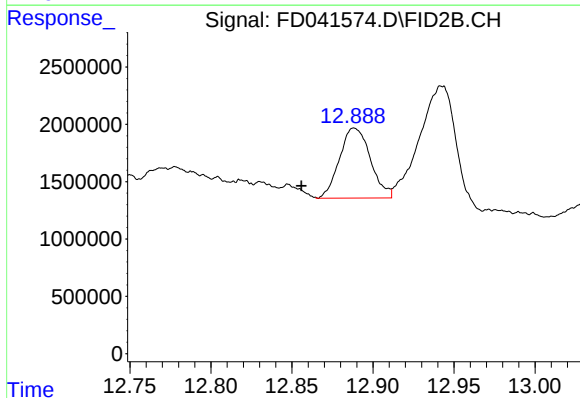
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



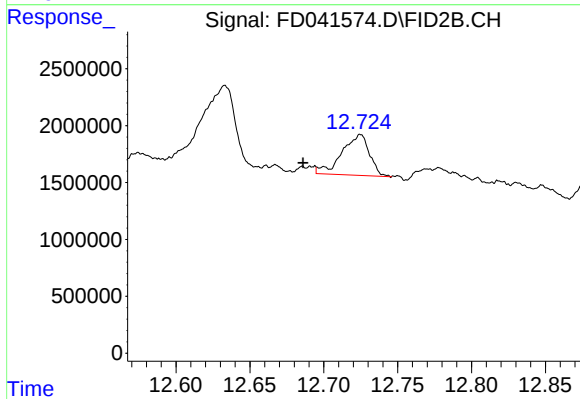
#10 n-Eicosane (C20)

R.T.: 12.242 min
Delta R.T.: -0.006 min
Response: 1641588
Conc: 10.57 ug/ml m



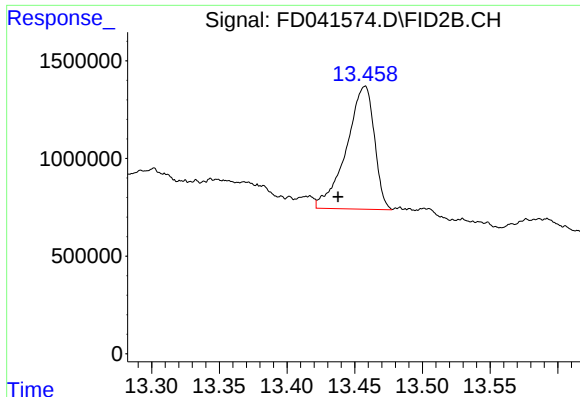
#11 n-Heneicosane (C21)

R.T.: 12.888 min
Delta R.T.: 0.032 min
Response: 8113467
Conc: 51.82 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.724 min
Delta R.T.: 0.038 min
Response: 4609727
Conc: 34.05 ug/ml m



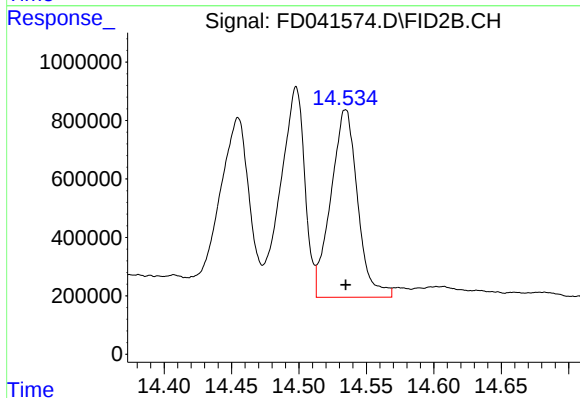
#13 n-Docosane (C22)

R.T.: 13.458 min
Delta R.T.: 0.020 min
Response: 9019754
Conc: 57.59 ug/ml

Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

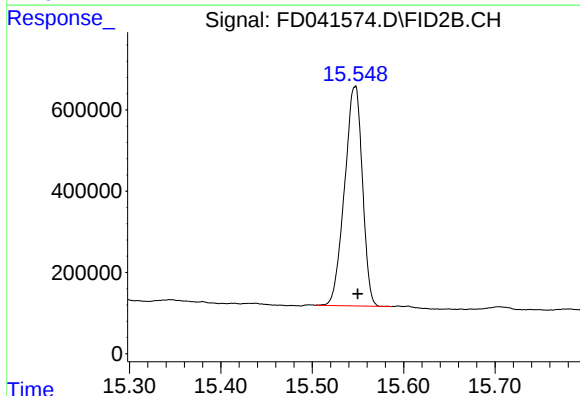
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



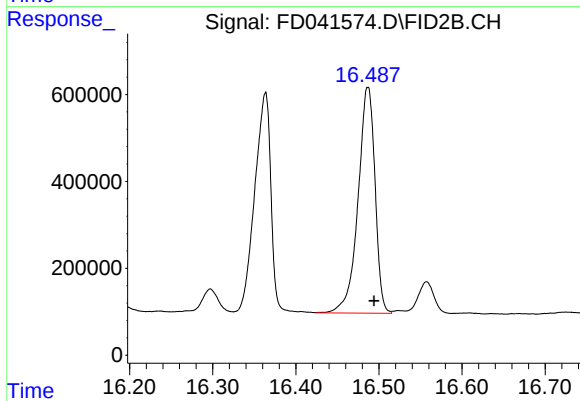
#14 n-Tetracosane (C24)

R.T.: 14.535 min
Delta R.T.: 0.000 min
Response: 8866260
Conc: 56.53 ug/ml



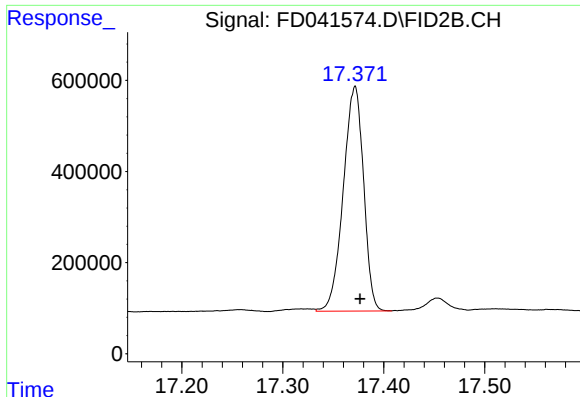
#15 n-Hexacosane (C26)

R.T.: 15.547 min
Delta R.T.: -0.003 min
Response: 7334707
Conc: 47.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.487 min
Delta R.T.: -0.007 min
Response: 7401471
Conc: 49.73 ug/ml



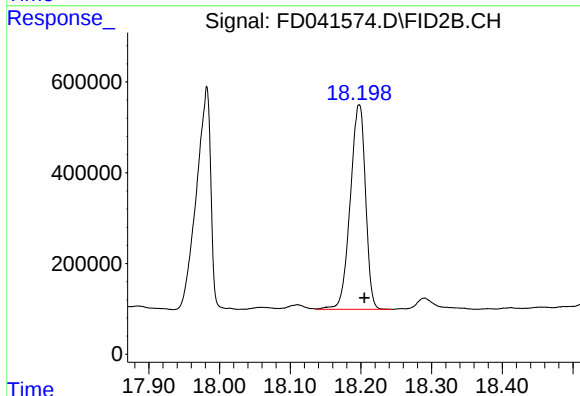
#17 n-Tricontane (C30)

R.T.: 17.372 min
Delta R.T.: -0.005 min
Response: 6886521
Conc: 48.94 ug/ml

Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

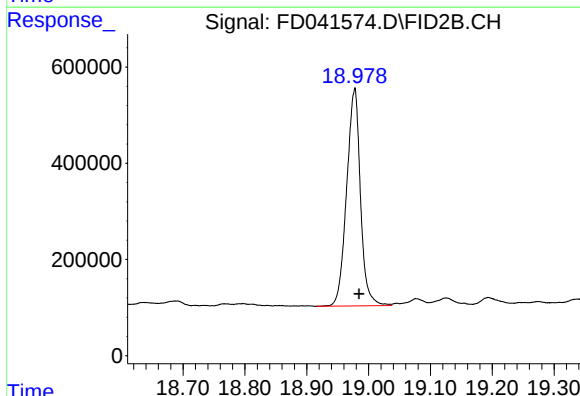
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



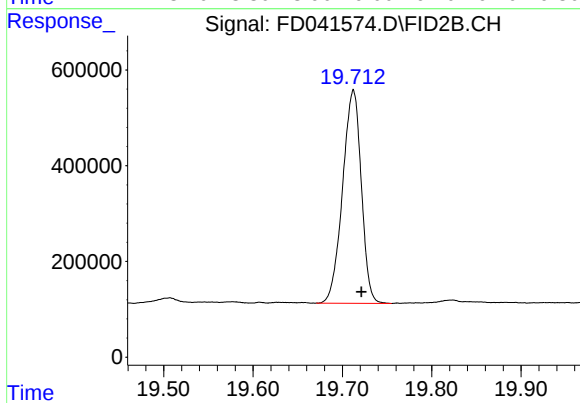
#18 n-Dotriacontane (C32)

R.T.: 18.198 min
Delta R.T.: -0.007 min
Response: 6770469
Conc: 53.22 ug/ml



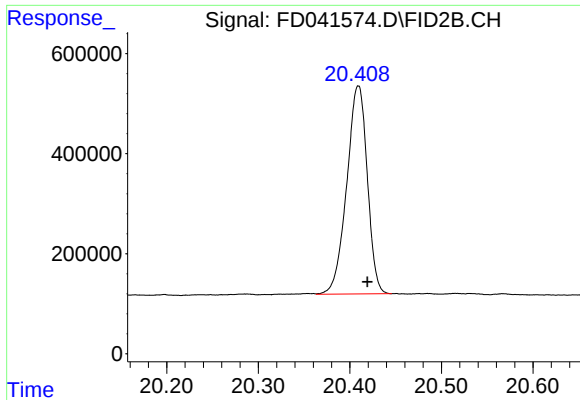
#19 n-Tetratriacontane (C34)

R.T.: 18.978 min
Delta R.T.: -0.007 min
Response: 7005575
Conc: 61.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.712 min
Delta R.T.: -0.009 min
Response: 6477280
Conc: 63.20 ug/ml



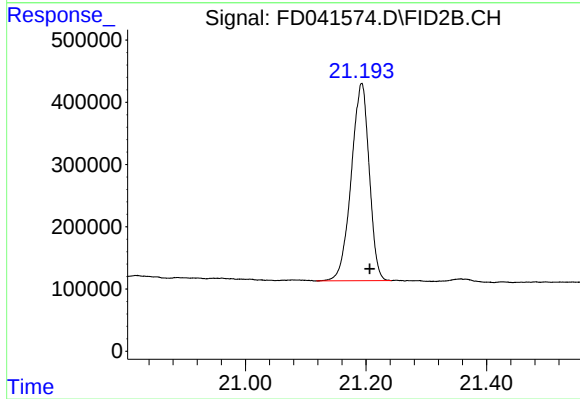
#21 n-Octatriacontane (C38)

R.T.: 20.409 min
Delta R.T.: -0.010 min
Response: 6494651
Conc: 68.41 ug/ml

Instrument :
FID_D
ClientSampleId :
CHRT-24449MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



#22 n-Tetracontane (C40)

R.T.: 21.193 min
Delta R.T.: -0.014 min
Response: 6559402
Conc: 69.21 ug/ml