

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042352.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2022 19:08
 Operator : UA/NP
 Sample : N2704-03MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PE-DIMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e

Quant Time: May 09 00:47:58 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M

Quant Title : GC Extractables

QLast Update : Fri Apr 22 01:55:29 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)	11.220	6276261	37.424 ug/ml
Spiked Amount 50.000		Recovery =	74.85%
12) S 1-chlorooctadecane (S...	12.657	4758923	36.064 ug/ml
Spiked Amount 50.000		Recovery =	72.13%
Target Compounds			
1) T n-Nonane (C9)	3.092	4436039	32.546 ug/ml
2) T n-Decane (C10)	4.136	5214565	38.911 ug/ml
3) T A~Naphthalene (C11.7)	5.684	6133620	42.314 ug/ml
4) T n-Dodecane (C12)	6.128	5839569	41.018 ug/ml
5) T A~2-methylnaphthalene...	6.731	6339245	45.490 ug/ml
6) T n-Tetradecane (C14)	7.907	6444862	45.244 ug/ml
7) T n-Hexadecane (C16)	9.491	6655795	45.801 ug/ml
8) T n-Octadecane (C18)	10.921	6934649	46.270 ug/ml
10) T n-Eicosane (C20)	12.221	6661798	43.523 ug/ml
11) T n-Heneicosane (C21)	12.828	6567382	42.599 ug/ml
13) T n-Docosane (C22)	13.410	6494719	42.134 ug/ml
14) T n-Tetracosane (C24)	14.507	6700525	43.326 ug/ml
15) T n-Hexacosane (C26)	15.523	6184536	40.207 ug/ml
16) T n-Octacosane (C28)	16.466	6101499	39.907 ug/ml
17) T n-Tricontane (C30)	17.350	5747651	38.318 ug/mlm
18) T n-Dotriacontane (C32)	18.176	5763430	40.760 ug/ml
19) T n-Tetratriacontane (C34)	18.955	5270333	40.953 ug/mlm
20) T n-Hexatriacontane (C36)	19.691	5114320	45.195 ug/mlm
21) T n-Octatriacontane (C38)	20.388	4988310	49.995 ug/mlm
22) T n-Tetracontane (C40)	21.164	4587932	50.865 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
Data File : FD042352.D
Signal(s) : FID2B.CH
Acq On : 06 May 2022 19:08
Operator : UA/NP
Sample : N2704-03MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

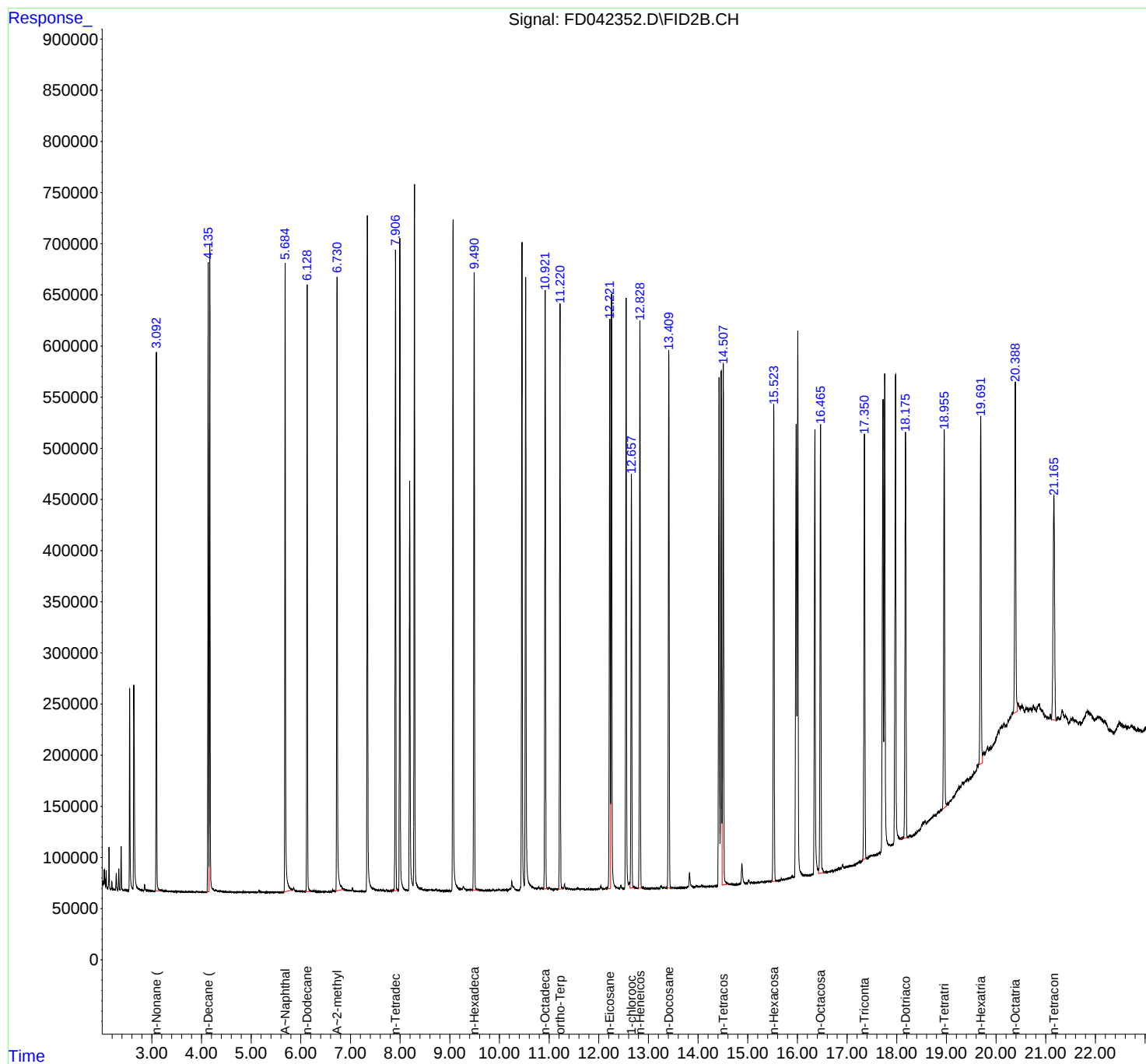
Instrument :
FID_D
ClientSampleId :
PE-D1MS

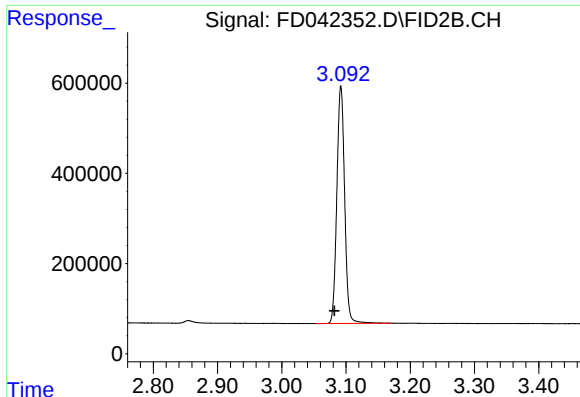
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022

Integration File: autoint1.e
Quant Time: May 09 00:47:58 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
Quant Title : GC Extractables
QLast Update : Fri Apr 22 01:55:29 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





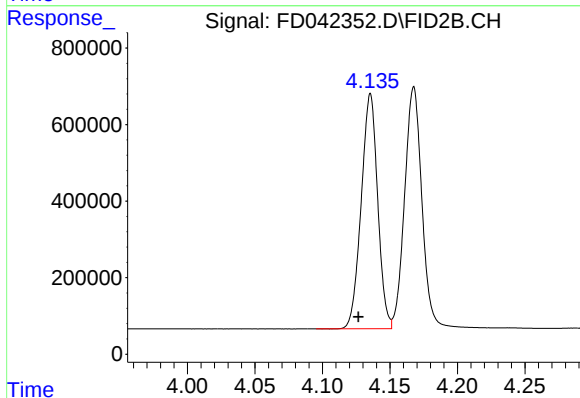
#1 n-Nonane (C9)

R.T.: 3.092 min
Delta R.T.: 0.010 min
Response: 4436039
Conc: 32.55 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-DIMS

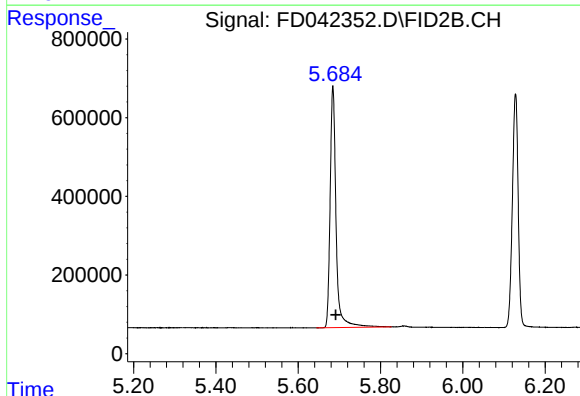
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



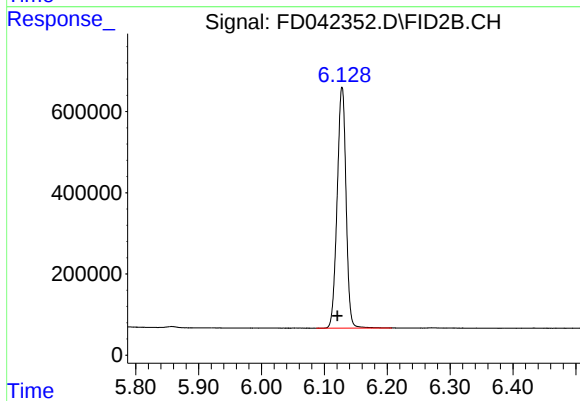
#2 n-Decane (C10)

R.T.: 4.136 min
Delta R.T.: 0.009 min
Response: 5214565
Conc: 38.91 ug/ml



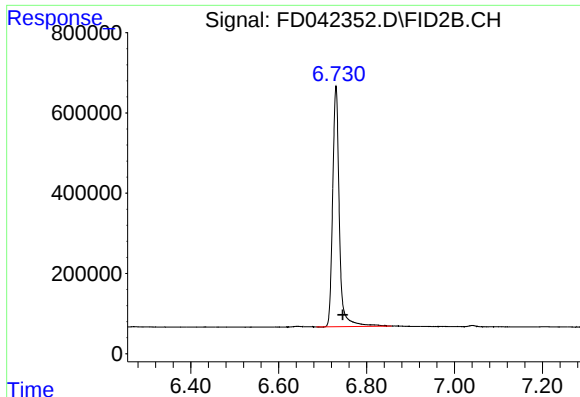
#3 A~Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.007 min
Response: 6133620
Conc: 42.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.128 min
Delta R.T.: 0.007 min
Response: 5839569
Conc: 41.02 ug/ml



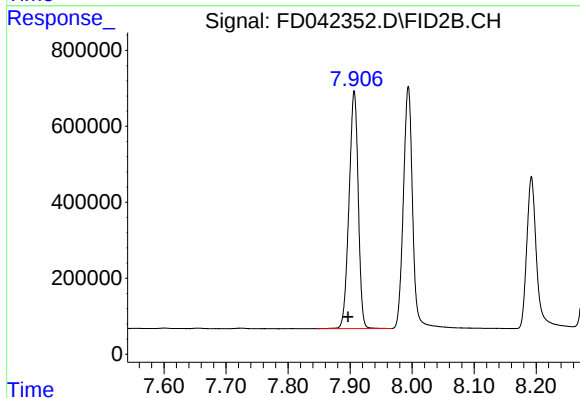
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.016 min
Response: 6339245
Conc: 45.49 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-DIMS

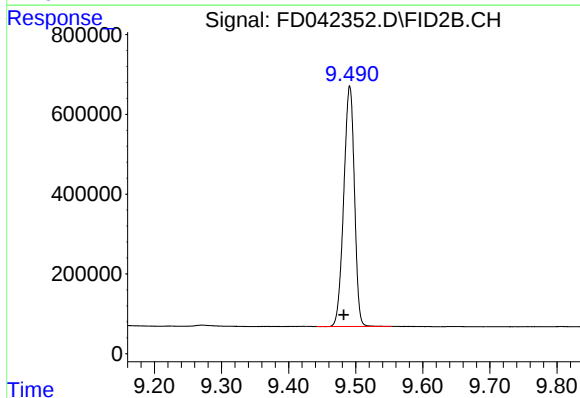
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



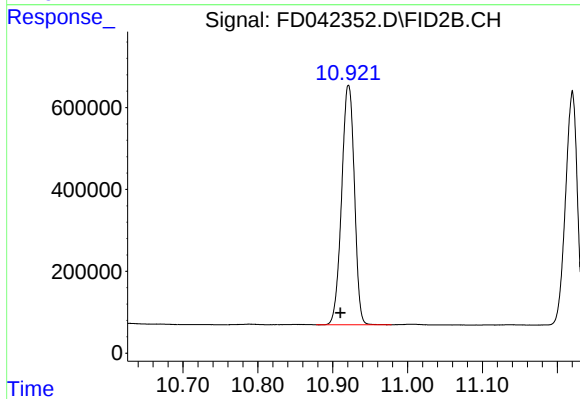
#6 n-Tetradecane (C14)

R.T.: 7.907 min
Delta R.T.: 0.010 min
Response: 6444862
Conc: 45.24 ug/ml



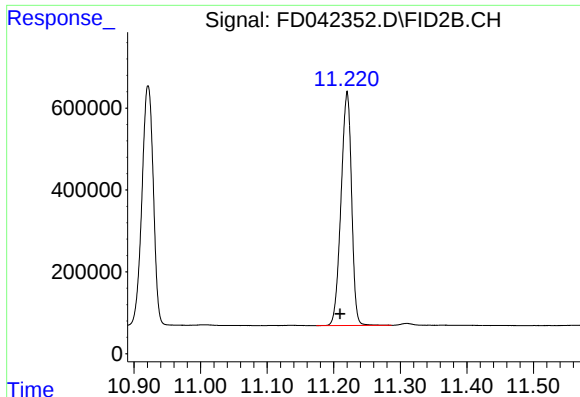
#7 n-Hexadecane (C16)

R.T.: 9.491 min
Delta R.T.: 0.009 min
Response: 6655795
Conc: 45.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.921 min
Delta R.T.: 0.011 min
Response: 6934649
Conc: 46.27 ug/ml



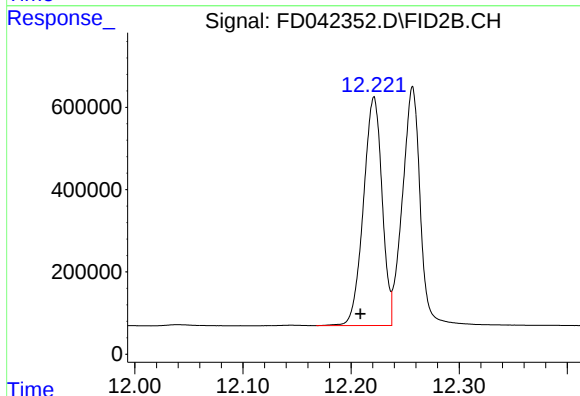
#9 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: 0.011 min
Response: 6276261
Conc: 37.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-DIMS

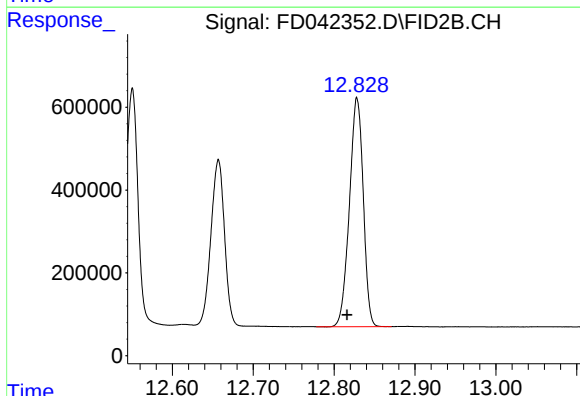
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



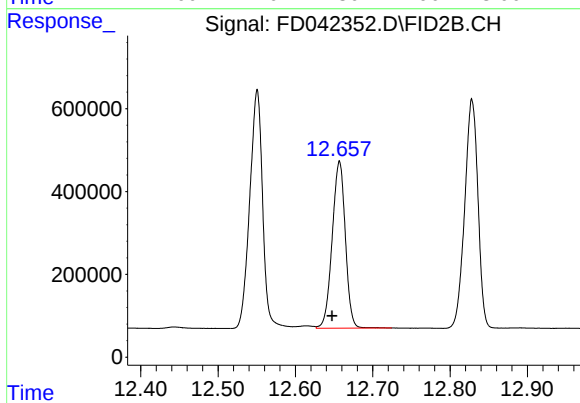
#10 n-Eicosane (C20)

R.T.: 12.221 min
Delta R.T.: 0.013 min
Response: 6661798
Conc: 43.52 ug/ml



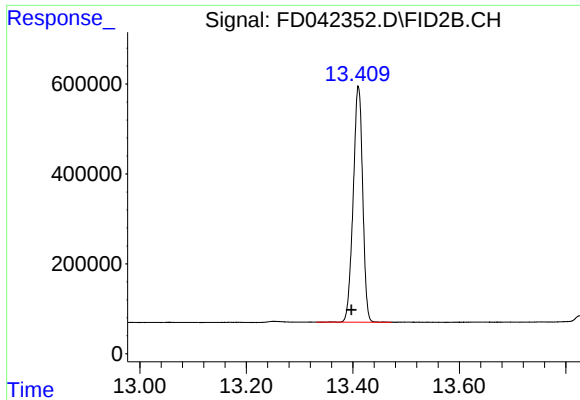
#11 n-Heneicosane (C21)

R.T.: 12.828 min
Delta R.T.: 0.012 min
Response: 6567382
Conc: 42.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.657 min
Delta R.T.: 0.010 min
Response: 4758923
Conc: 36.06 ug/ml



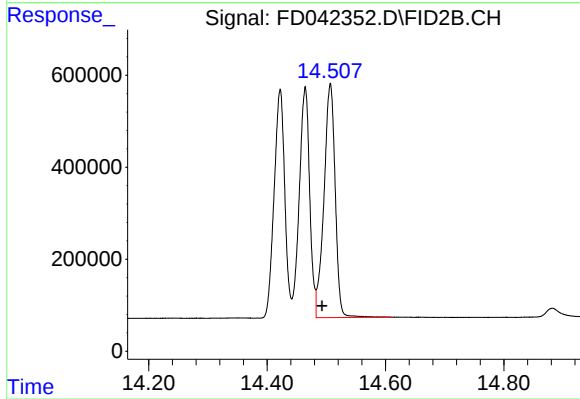
#13 n-Docosane (C22)

R.T.: 13.410 min
Delta R.T.: 0.013 min
Response: 6494719
Conc: 42.13 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-DIMS

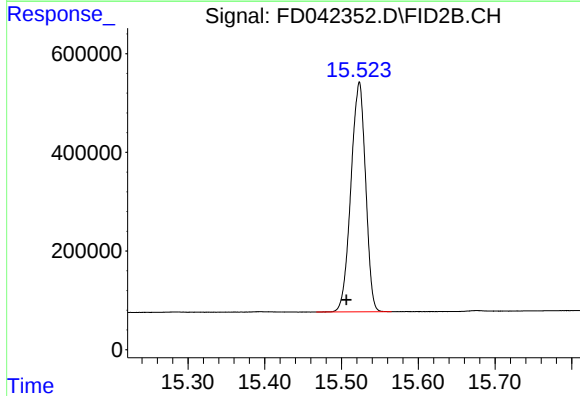
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



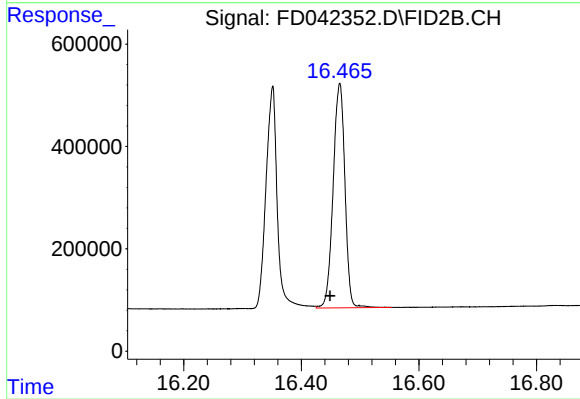
#14 n-Tetracosane (C24)

R.T.: 14.507 min
Delta R.T.: 0.014 min
Response: 6700525
Conc: 43.33 ug/ml



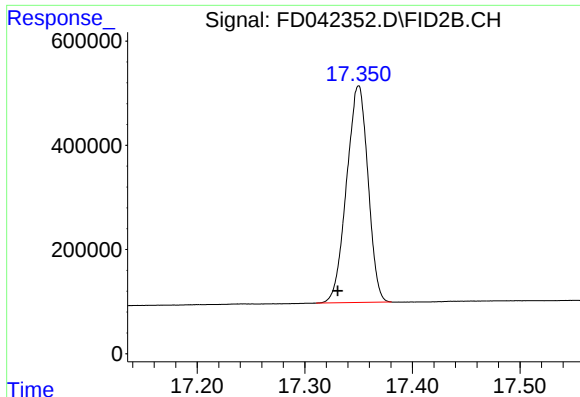
#15 n-Hexacosane (C26)

R.T.: 15.523 min
Delta R.T.: 0.017 min
Response: 6184536
Conc: 40.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.466 min
Delta R.T.: 0.017 min
Response: 6101499
Conc: 39.91 ug/ml



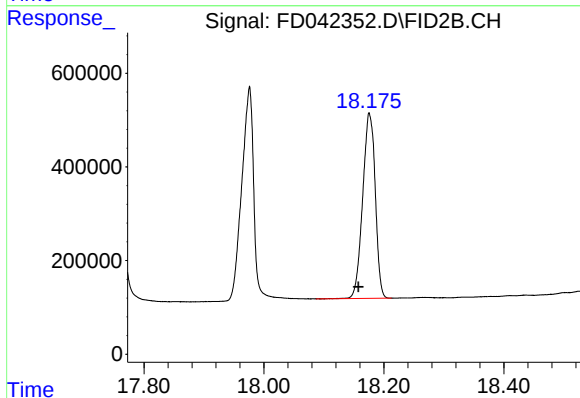
#17 n-Tricontane (C30)

R.T.: 17.350 min
Delta R.T.: 0.020 min
Response: 5747651
Conc: 38.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-DIMS

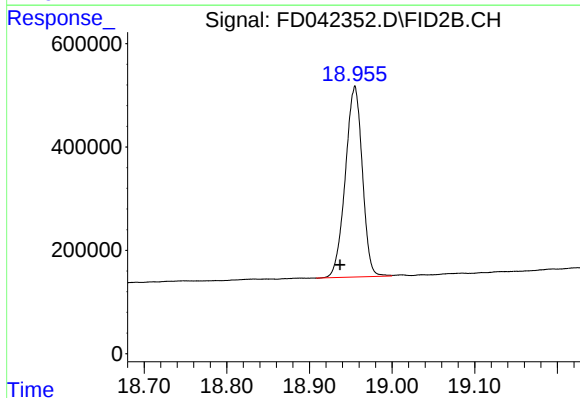
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



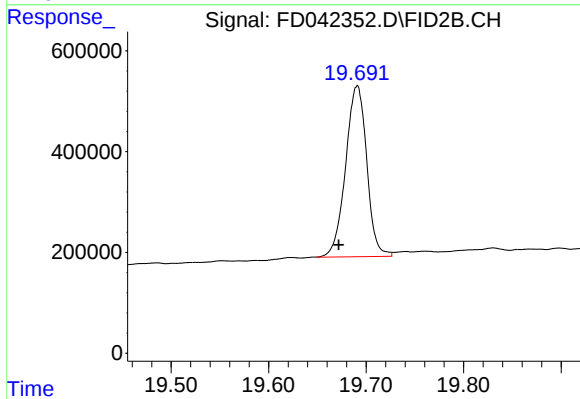
#18 n-Dotriacontane (C32)

R.T.: 18.176 min
Delta R.T.: 0.018 min
Response: 5763430
Conc: 40.76 ug/ml



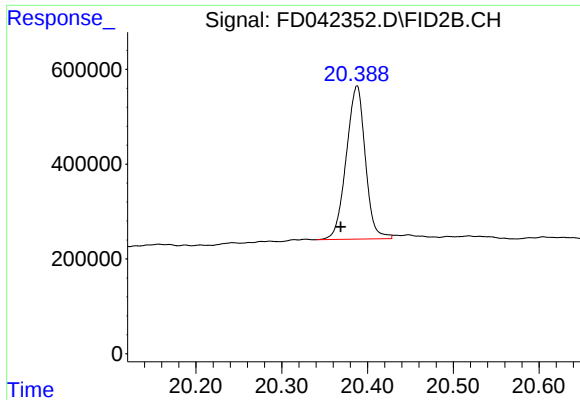
#19 n-Tetratriacontane (C34)

R.T.: 18.955 min
Delta R.T.: 0.018 min
Response: 5270333
Conc: 40.95 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.691 min
Delta R.T.: 0.019 min
Response: 5114320
Conc: 45.20 ug/ml m



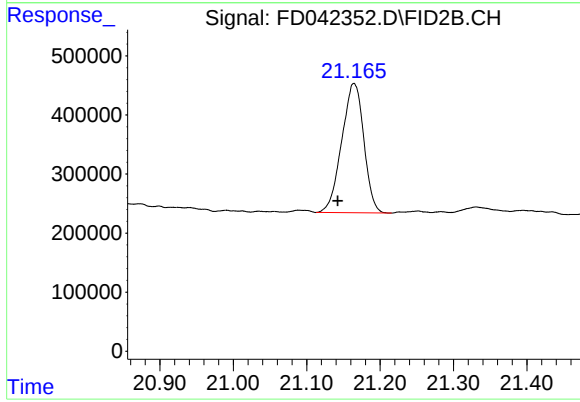
#21 n-Octatriacontane (C38)

R.T.: 20.388 min
Delta R.T.: 0.019 min
Response: 4988310
Conc: 49.99 ug/ml

Instrument :
FID_D
ClientSampleId :
PE-DIMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2022
Supervised By :mohammad ahmed 05/10/2022



#22 n-Tetracontane (C40)

R.T.: 21.164 min
Delta R.T.: 0.022 min
Response: 4587932
Conc: 50.86 ug/ml