

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
 Data File : FE041554.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2023 18:17
 Operator : YP\AJ
 Sample : 02491-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S2S-TP3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2023
 Supervised By :Ankita Jodhani 04/27/2023

Integration File: autoint1.e
 Quant Time: Apr 27 02:03:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.981	4412652	23.521 ug/ml
Spiked Amount 50.000		Recovery =	47.04%
12) S 1-chlorooctadecane (S...	13.417	3526021	24.960 ug/ml
Spiked Amount 50.000		Recovery =	49.92%
Target Compounds			
1) T n-Nonane (C9)	3.362	4136403	28.140 ug/ml
2) T n-Decane (C10)	4.614	4672775	31.156 ug/ml
3) T A~Naphthalene (C11.7)	6.317	5488616	33.166 ug/ml
4) T n-Dodecane (C12)	6.780	5197987	34.187 ug/ml
5) T A~2-methylnaphthalene...	7.414	5455244	33.832 ug/ml
6) T n-Tetradecane (C14)	8.611	5535582	36.441 ug/ml
7) T n-Hexadecane (C16)	10.218	6078833	38.092 ug/ml
8) T n-Octadecane (C18)	11.663	6363135	38.820 ug/ml
10) T n-Eicosane (C20)	12.974	6276896	39.024 ug/ml
11) T n-Heneicosane (C21)	13.586	6122166	38.415 ug/ml
13) T n-Docosane (C22)	14.172	6021498	37.793 ug/ml
14) T n-Tetracosane (C24)	15.272	4310998	26.740 ug/mlm
15) T n-Hexacosane (C26)	16.298	5696175	36.030 ug/ml
16) T n-Octacosane (C28)	17.247	5538460	35.994 ug/ml
17) T n-Tricontane (C30)	18.135	5419201	35.582 ug/ml
18) T n-Dotriacontane (C32)	18.967	5245525	35.210 ug/ml
19) T n-Tetratriacontane (C34)	19.750	5175590	36.739 ug/ml
20) T n-Hexatriacontane (C36)	20.491	4910276	36.718 ug/ml
21) T n-Octatriacontane (C38)	21.242	4939956	37.386 ug/ml
22) T n-Tetracontane (C40)	22.184	5130722	40.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
Data File : FE041554.D
Signal(s) : FID1B.ch
Acq On : 26 Apr 2023 18:17
Operator : YP\AJ
Sample : 02491-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

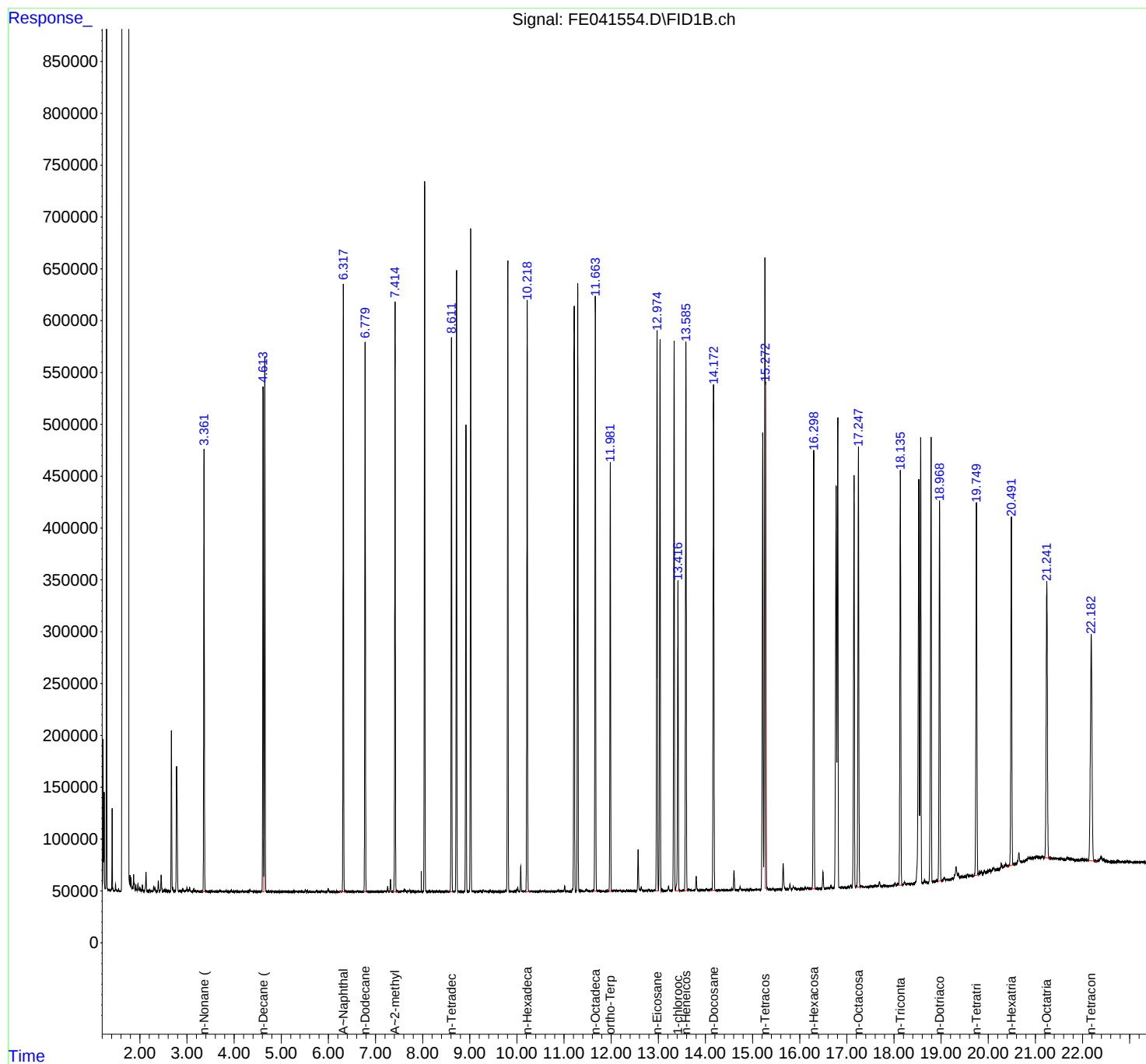
Instrument :
FID_E
ClientSampleId :
S2S-TP3MS

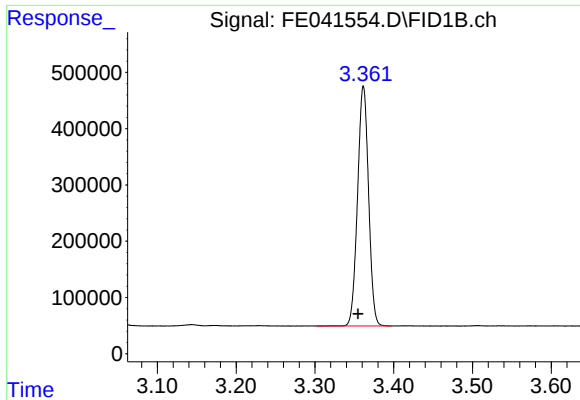
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023

Integration File: autoint1.e
Quant Time: Apr 27 02:03:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





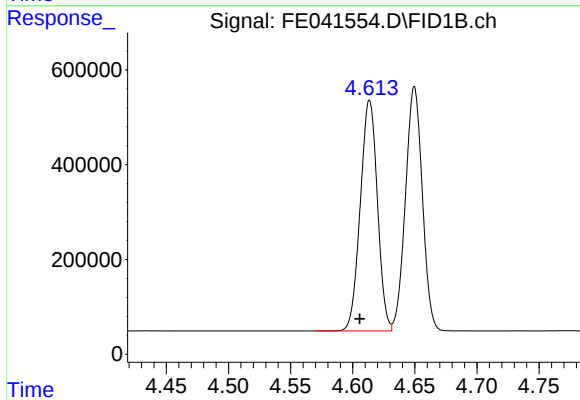
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: 0.007 min
Response: 4136403
Conc: 28.14 ug/ml

Instrument :
FID_E
ClientSampleId :
S2S-TP3MS

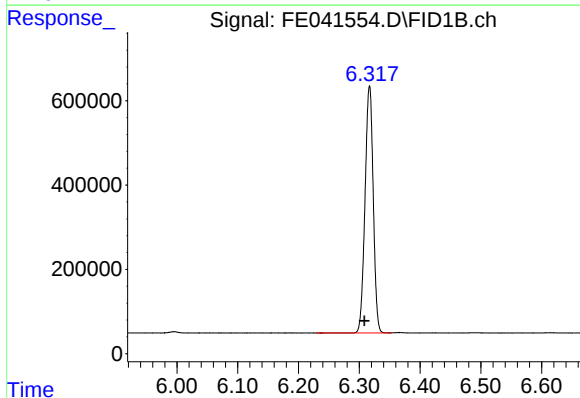
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023



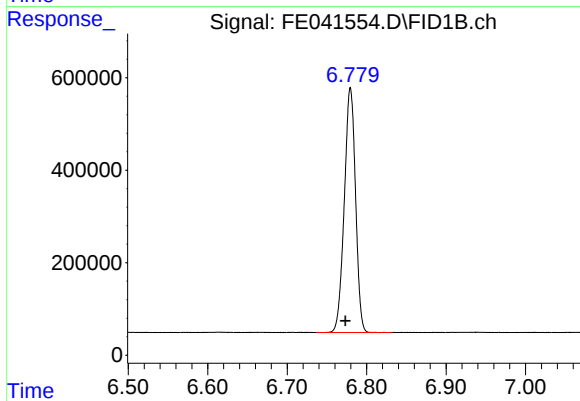
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.008 min
Response: 4672775
Conc: 31.16 ug/ml



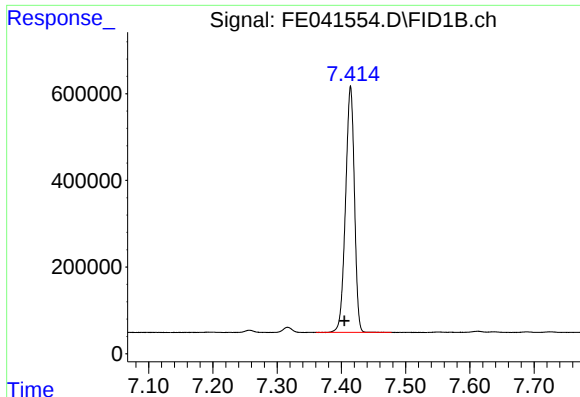
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 5488616
Conc: 33.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 5197987
Conc: 34.19 ug/ml



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

R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 5455244
Conc: 33.83 ug/ml

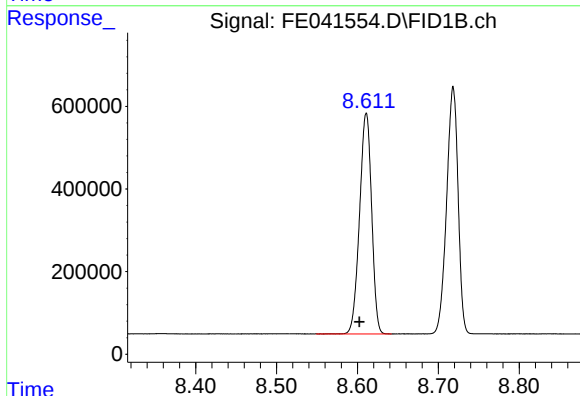
Instrument :

FID_E

ClientSampleId :
S2S-TP3MS

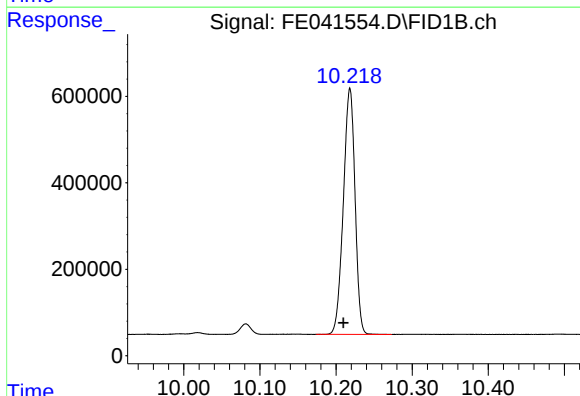
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023



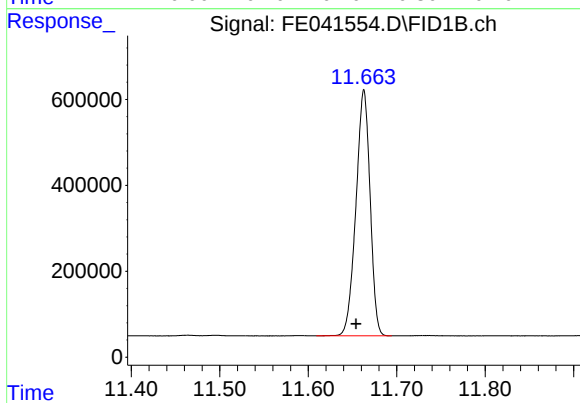
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.009 min
Response: 5535582
Conc: 36.44 ug/ml



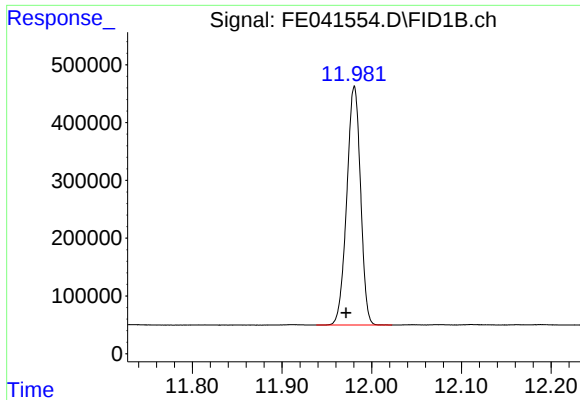
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.008 min
Response: 6078833
Conc: 38.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.009 min
Response: 6363135
Conc: 38.82 ug/ml



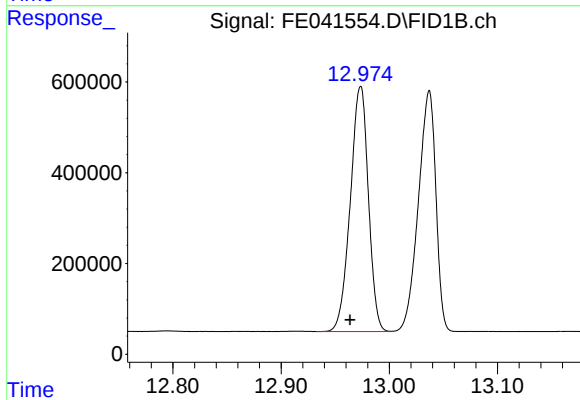
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.009 min
Response: 4412652
Conc: 23.52 ug/ml

Instrument :
FID_E
ClientSampleId :
S2S-TP3MS

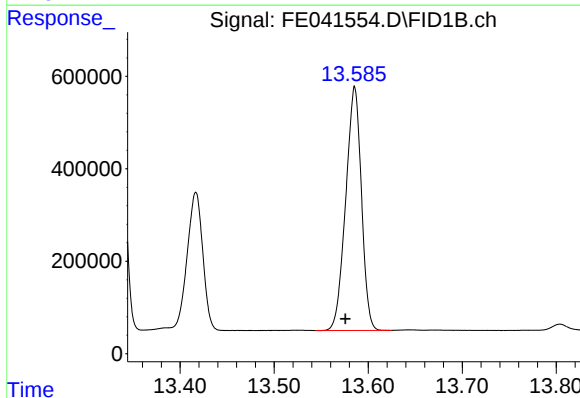
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023



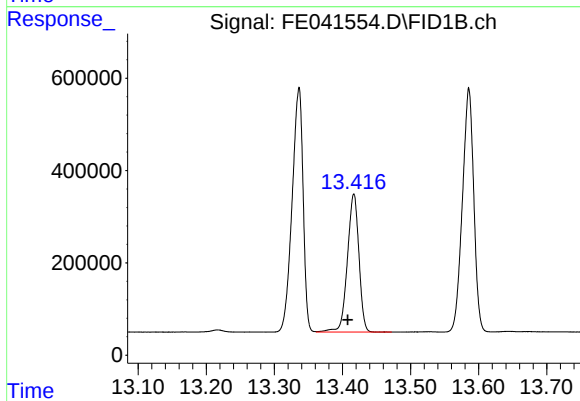
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.010 min
Response: 6276896
Conc: 39.02 ug/ml



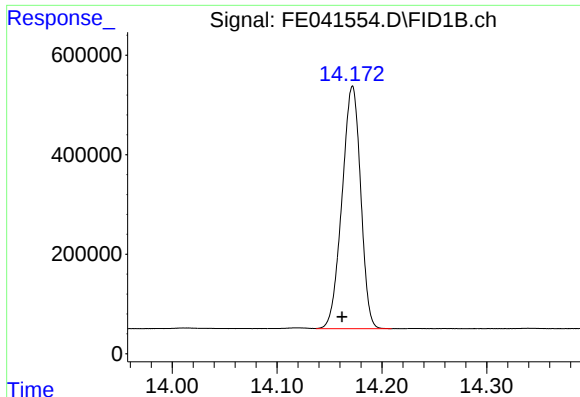
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.010 min
Response: 6122166
Conc: 38.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.009 min
Response: 3526021
Conc: 24.96 ug/ml



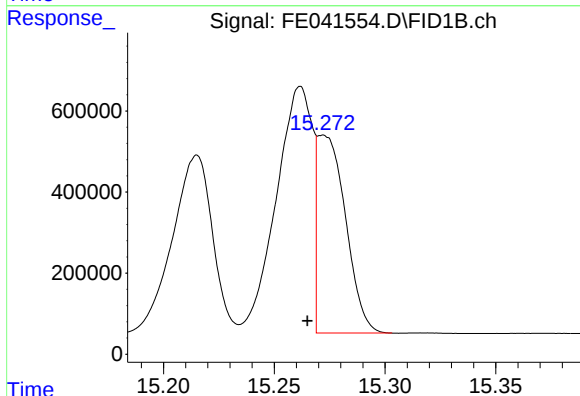
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.010 min
Response: 6021498
Conc: 37.79 ug/ml

Instrument :
FID_E
ClientSampleId :
S2S-TP3MS

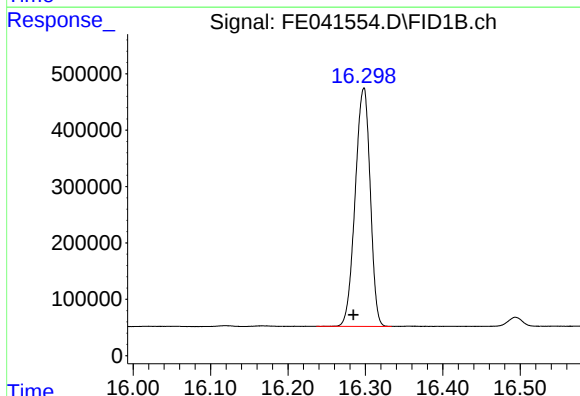
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023



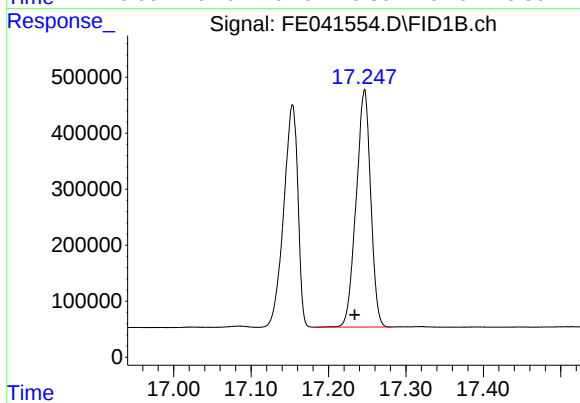
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.007 min
Response: 4310998
Conc: 26.74 ug/ml m



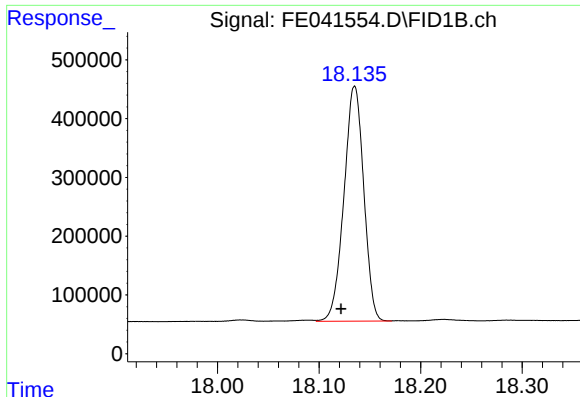
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.013 min
Response: 5696175
Conc: 36.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 5538460
Conc: 35.99 ug/ml



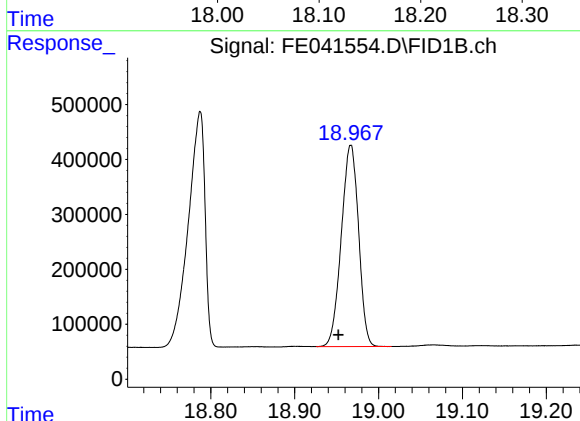
#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: 0.013 min
Response: 5419201
Conc: 35.58 ug/ml

Instrument :
FID_E
ClientSampleId :
S2S-TP3MS

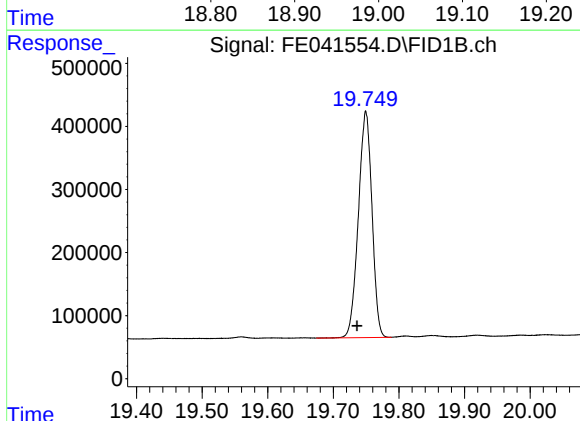
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023



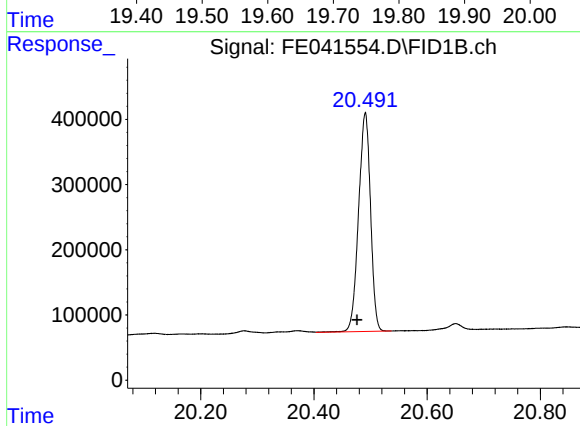
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: 0.015 min
Response: 5245525
Conc: 35.21 ug/ml



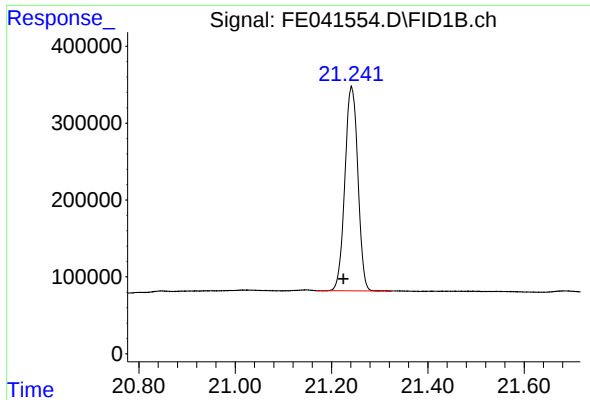
#19 n-Tetratriacontane (C34)

R.T.: 19.750 min
Delta R.T.: 0.014 min
Response: 5175590
Conc: 36.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.491 min
Delta R.T.: 0.015 min
Response: 4910276
Conc: 36.72 ug/ml



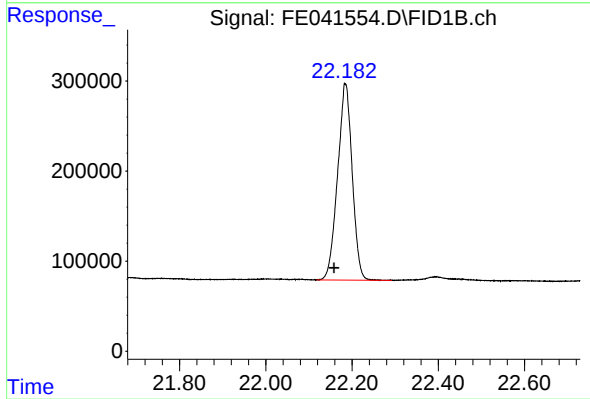
#21 n-Octatriacontane (C38)

R.T.: 21.242 min
Delta R.T.: 0.017 min
Response: 4939956
Conc: 37.39 ug/ml

Instrument :
FID_E
ClientSampleId :
S2S-TP3MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/27/2023
Supervised By :Ankita Jodhani 04/27/2023



#22 n-Tetracontane (C40)

R.T.: 22.184 min
Delta R.T.: 0.025 min
Response: 5130722
Conc: 40.52 ug/ml