

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
 Data File : FE042535.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 14:53
 Operator : YP\AJ
 Sample : PB153323BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB153323BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/12/2023

Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e

Quant Time: Jun 10 01:36:08 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.946	7507806	42.518 ug/ml
Spiked Amount 50.000		Recovery =	85.04%
12) S 1-chlorooctadecane (S...	13.381	5700720	42.902 ug/ml
Spiked Amount 50.000		Recovery =	85.80%
Target Compounds			
1) T n-Nonane (C9)	3.334	6365440	44.144 ug/ml
2) T n-Decane (C10)	4.581	6768962	45.725 ug/mlm
3) T A~Naphthalene (C11.7)	6.285	7301812	44.752 ug/ml
4) T n-Dodecane (C12)	6.745	7032531	46.898 ug/ml
5) T A~2-methylnaphthalene...	7.381	7012231	44.185 ug/ml
6) T n-Tetradecane (C14)	8.575	7050137	47.061 ug/ml
7) T n-Hexadecane (C16)	10.182	7261797	46.619 ug/ml
8) T n-Octadecane (C18)	11.626	7204696	45.561 ug/ml
10) T n-Eicosane (C20)	12.937	7098822	46.831 ug/ml
11) T n-Heneicosane (C21)	13.548	6758090	45.615 ug/ml
13) T n-Docosane (C22)	14.135	6625017	45.192 ug/ml
14) T n-Tetracosane (C24)	15.230	12422094	86.052 ug/ml
15) T n-Hexacosane (C26)	16.260	6211241	44.847 ug/ml
16) T n-Octacosane (C28)	17.208	6063165	45.287 ug/ml
17) T n-Tricontane (C30)	18.099	6053717	44.845 ug/ml
18) T n-Dotriacontane (C32)	18.929	5957570	44.596 ug/ml
19) T n-Tetratriacontane (C34)	19.714	6096985	46.361 ug/ml
20) T n-Hexatriacontane (C36)	20.455	5938510	45.690 ug/ml
21) T n-Octatriacontane (C38)	21.203	6122640	45.128 ug/ml
22) T n-Tetracontane (C40)	22.132	6386179	45.904 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060923AL\
Data File : FE042535.D
Signal(s) : FID1B.ch
Acq On : 09 Jun 2023 14:53
Operator : YP\AJ
Sample : PB153323BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

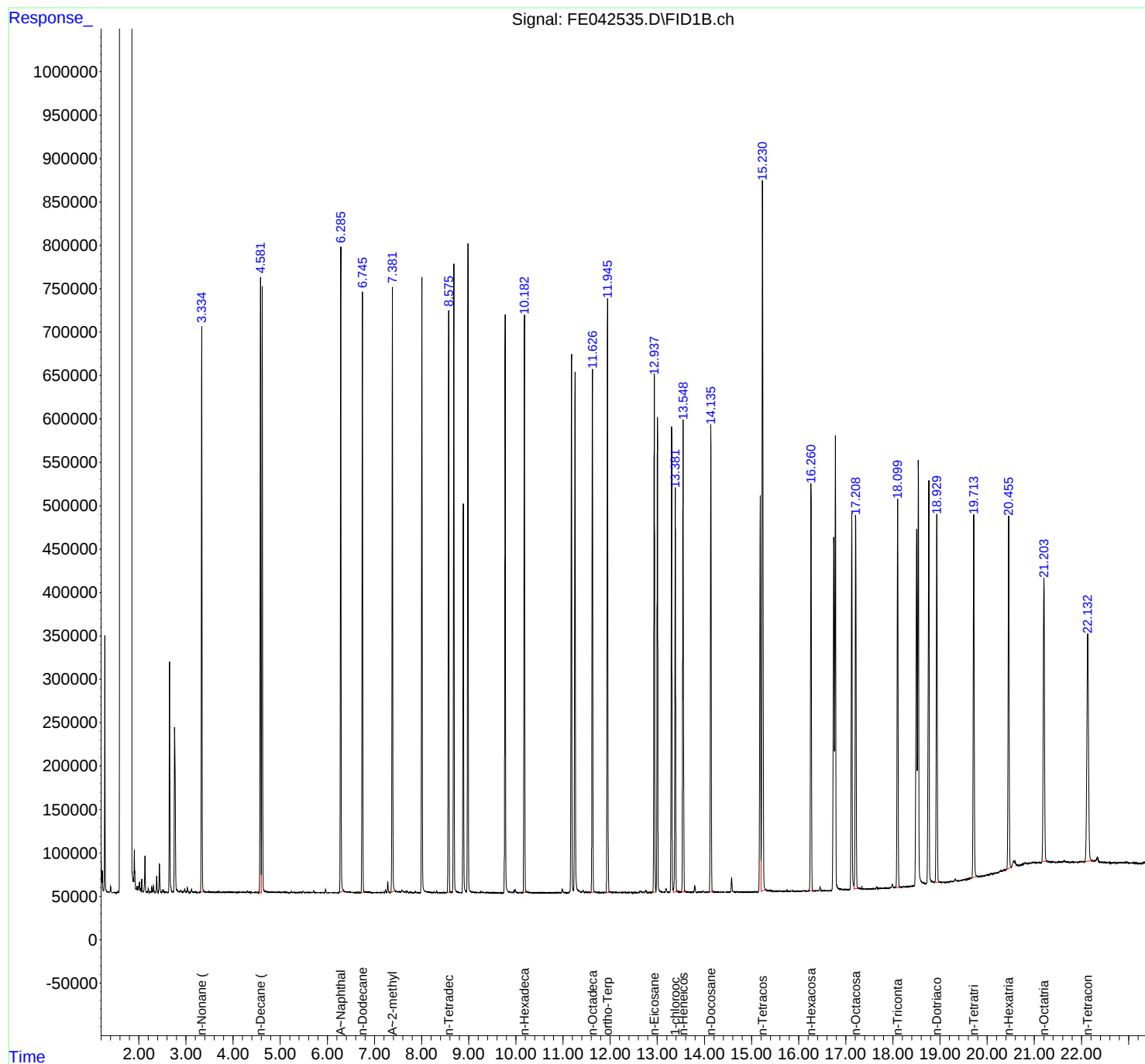
Instrument :
FID_E
ClientSampleId :
PB153323BSD

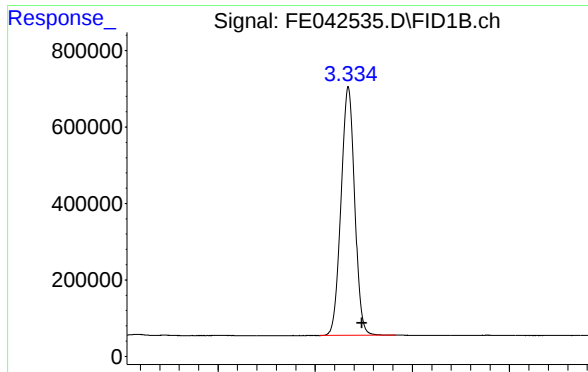
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023

Integration File: autoint1.e
Quant Time: Jun 10 01:36:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 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.: 3.334 min
Delta R.T.: -0.014 min
Response: 6365440
Conc: 44.14 ug/ml

Instrument :

FID_E

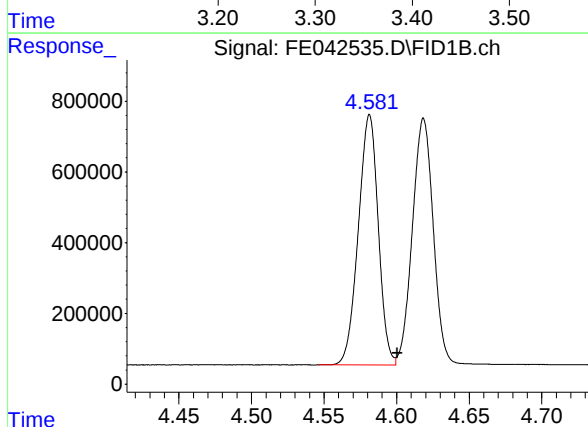
ClientSampleId :

PB153323BSD

Manual Integrations

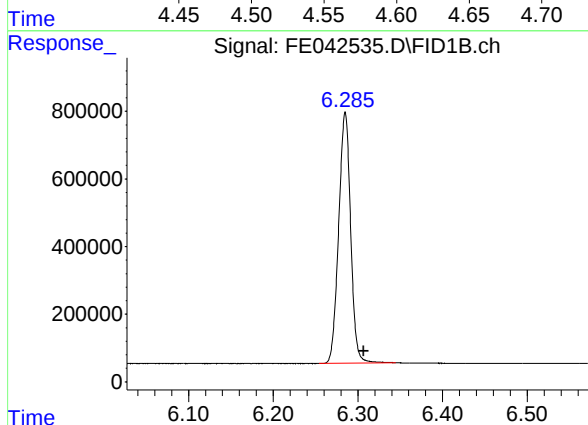
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



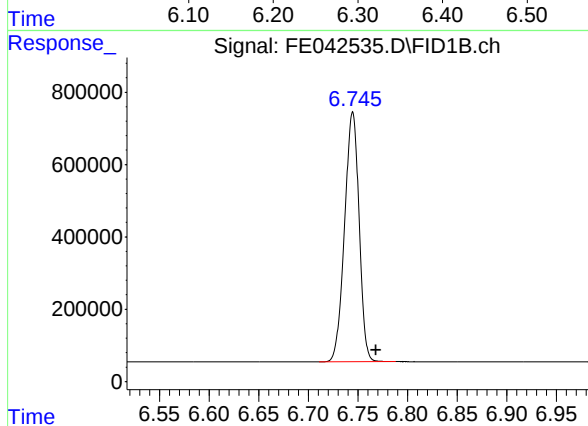
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.020 min
Response: 6768962
Conc: 45.73 ug/ml



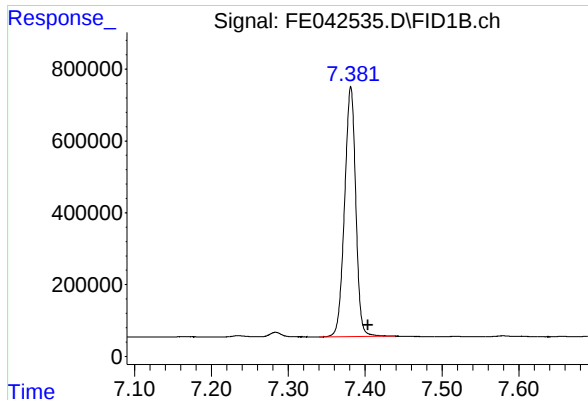
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.022 min
Response: 7301812
Conc: 44.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: -0.023 min
Response: 7032531
Conc: 46.90 ug/ml



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

R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 7012231
Conc: 44.18 ug/ml

Instrument :

FID_E

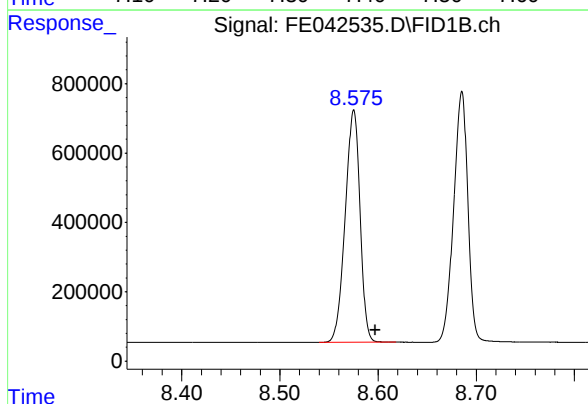
ClientSampleId :

PB153323BSD

Manual Integrations

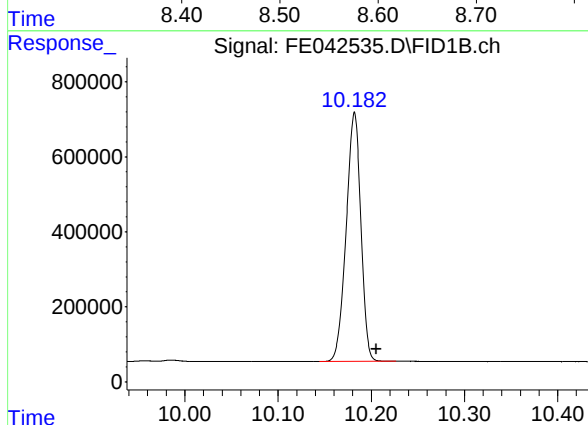
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



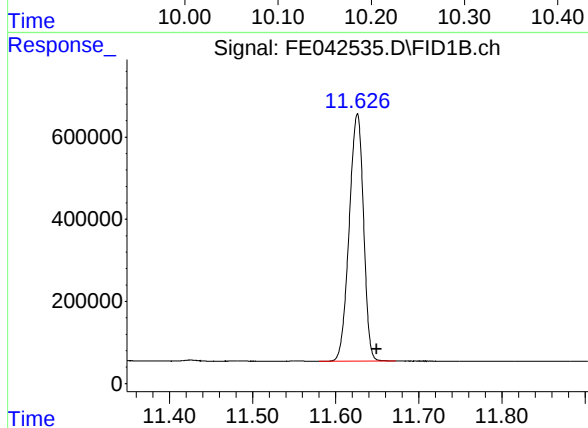
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.022 min
Response: 7050137
Conc: 47.06 ug/ml



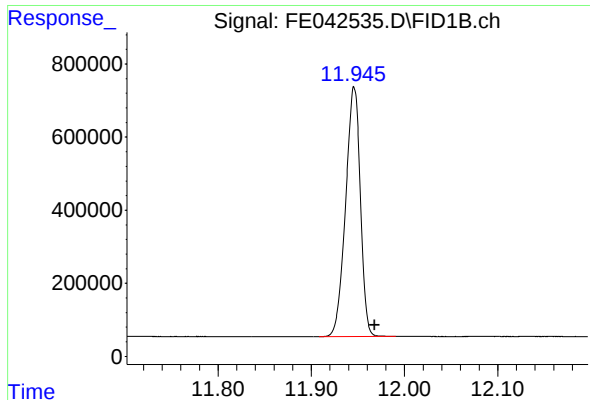
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.023 min
Response: 7261797
Conc: 46.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.023 min
Response: 7204696
Conc: 45.56 ug/ml



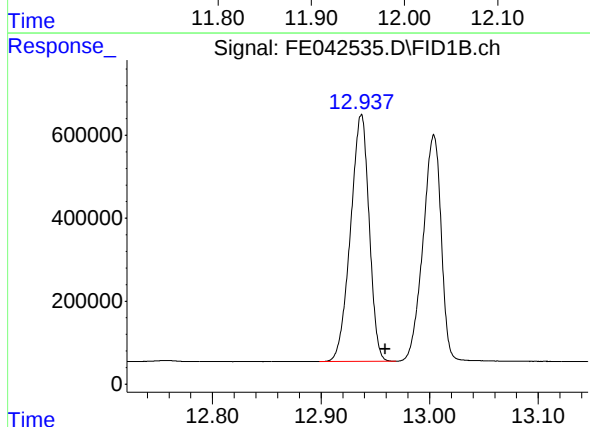
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.022 min
Response: 7507806
Conc: 42.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153323BSD

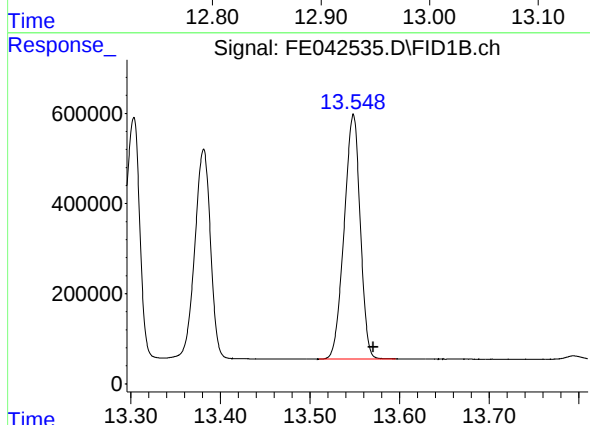
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



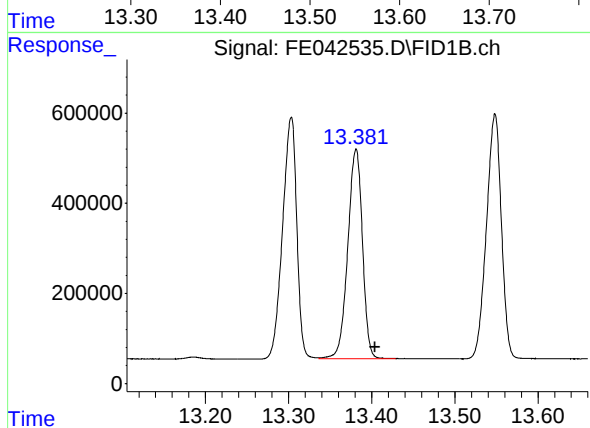
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.022 min
Response: 7098822
Conc: 46.83 ug/ml



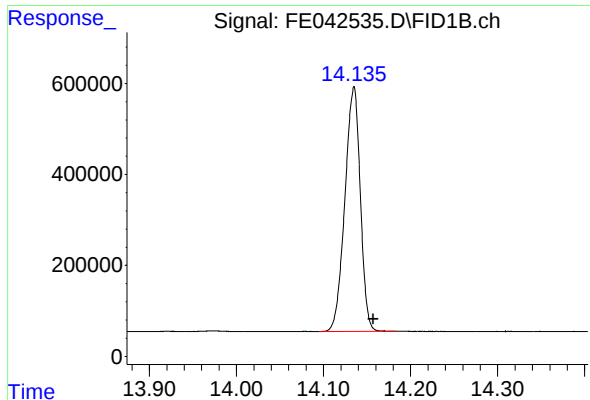
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.022 min
Response: 6758090
Conc: 45.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.023 min
Response: 5700720
Conc: 42.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.135 min
Delta R.T.: -0.022 min
Response: 6625017
Conc: 45.19 ug/ml

Instrument :

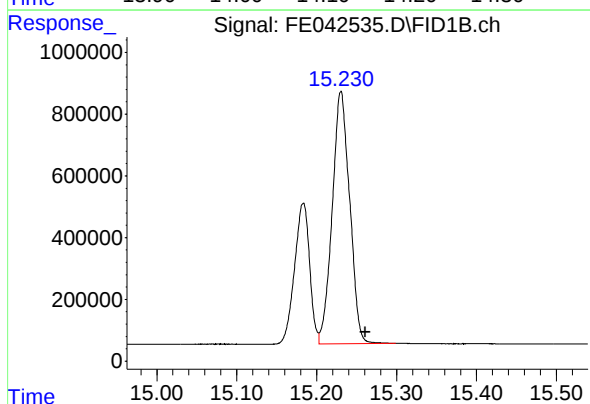
FID_E

ClientSampleId :

PB153323BSD

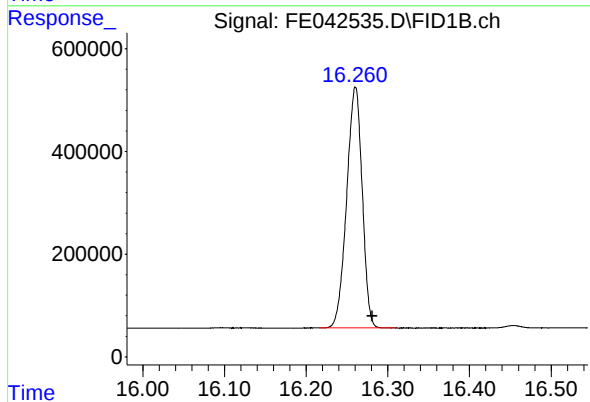
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



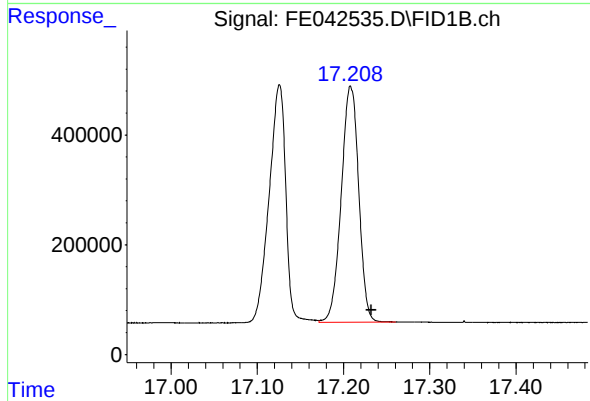
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.030 min
Response: 12422094
Conc: 86.05 ug/ml



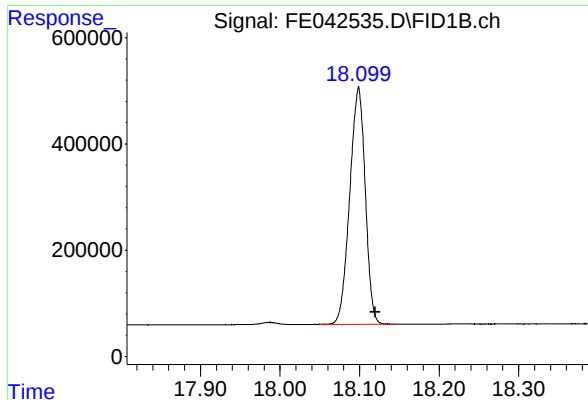
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.021 min
Response: 6211241
Conc: 44.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.024 min
Response: 6063165
Conc: 45.29 ug/ml



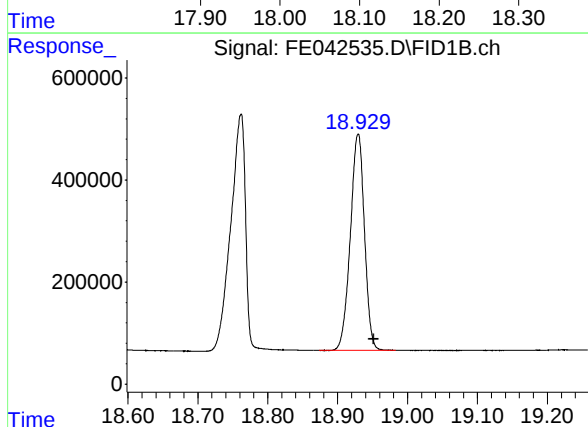
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: -0.021 min
Response: 6053717
Conc: 44.85 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153323BSD

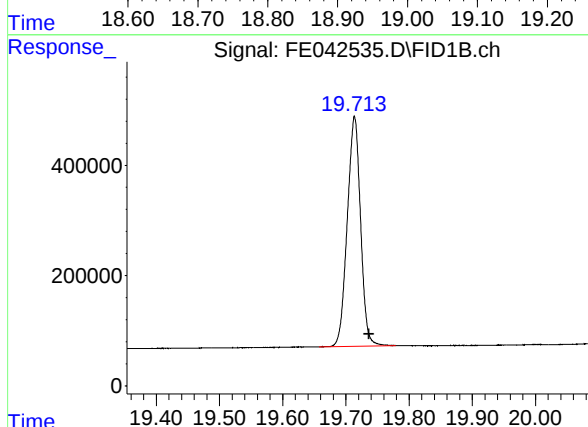
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



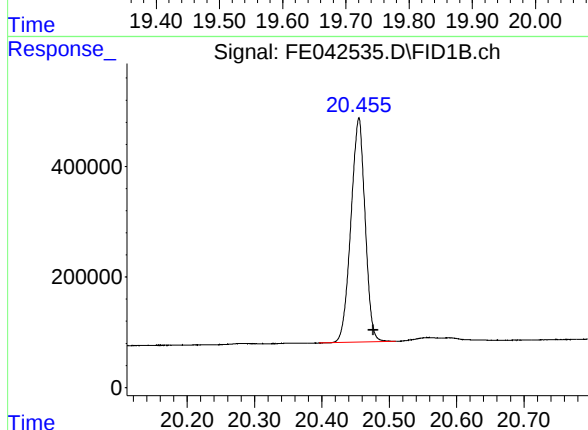
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.022 min
Response: 5957570
Conc: 44.60 ug/ml



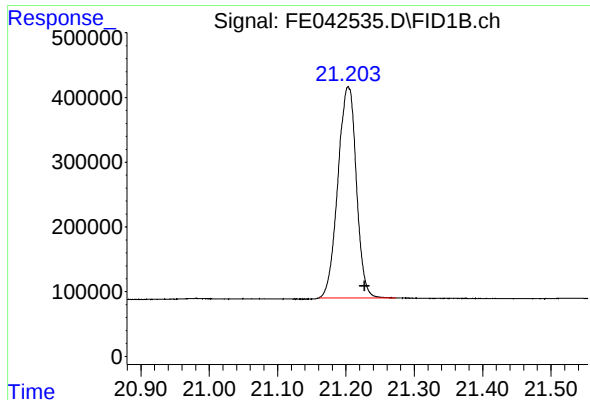
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.023 min
Response: 6096985
Conc: 46.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.022 min
Response: 5938510
Conc: 45.69 ug/ml



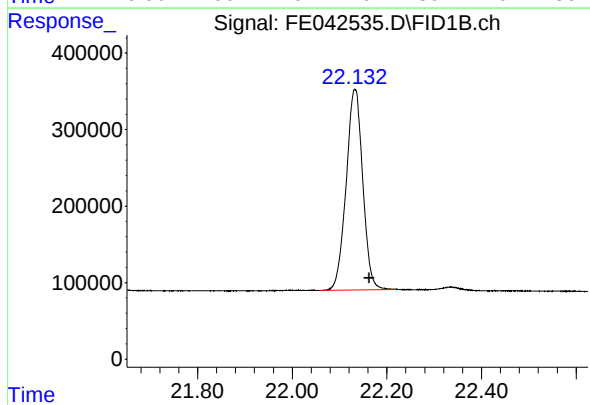
#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 6122640
Conc: 45.13 ug/ml

Instrument :
FID_E
ClientSampleId :
PB153323BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2023
Supervised By :Ankita Jodhani 06/12/2023



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.031 min
Response: 6386179
Conc: 45.90 ug/ml