

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052437.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 13:12
 Operator : YP\AJ
 Sample : PB166818BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166818BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/24/2025

Supervised By :Ankita Jodhani 02/24/2025

Integration File: autoint1.e

Quant Time: Feb 21 22:03:59 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 2025

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)	11.917	6232500	33.341 ug/ml
Spiked Amount 50.000		Recovery =	66.68%
12) S 1-chlorooctadecane (S...	13.362	4911805	35.338 ug/mlm
Spiked Amount 50.000		Recovery =	70.68%
Target Compounds			
1) T n-Nonane (C9)	3.264	5912387	38.517 ug/ml
2) T n-Decane (C10)	4.522	6143193	39.332 ug/ml
3) T A~Naphthalene (C11.7)	6.230	7089399	41.034 ug/ml
4) T n-Dodecane (C12)	6.699	6177083	39.135 ug/ml
5) T A~2-methylnaphthalene...	7.332	6486892	38.624 ug/ml
6) T n-Tetradecane (C14)	8.538	6197003	39.343 ug/ml
7) T n-Hexadecane (C16)	10.152	6107395	37.368 ug/ml
8) T n-Octadecane (C18)	11.602	6037640	36.490 ug/ml
10) T n-Eicosane (C20)	12.917	6122161	38.402 ug/ml
11) T n-Heneicosane (C21)	13.531	5836831	37.255 ug/ml
13) T n-Docosane (C22)	14.119	5773324	36.891 ug/ml
14) T n-Tetracosane (C24)	15.207	11963408	76.069 ug/mlm
15) T n-Hexacosane (C26)	16.251	5553019	35.852 ug/ml
16) T n-Octacosane (C28)	17.203	5535140	36.186 ug/ml
17) T n-Tricontane (C30)	18.094	5511148	35.306 ug/ml
18) T n-Dotriacontane (C32)	18.927	5438675	35.542 ug/ml
19) T n-Tetratriacontane (C34)	19.712	5448201	38.297 ug/ml
20) T n-Hexatriacontane (C36)	20.454	5268110	42.268 ug/ml
21) T n-Octatriacontane (C38)	21.196	5326848	48.735 ug/ml
22) T n-Tetracontane (C40)	22.119	5497308	54.651 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
Data File : FE052437.D
Signal(s) : FID1B.ch
Acq On : 21 Feb 2025 13:12
Operator : YP\AJ
Sample : PB166818BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

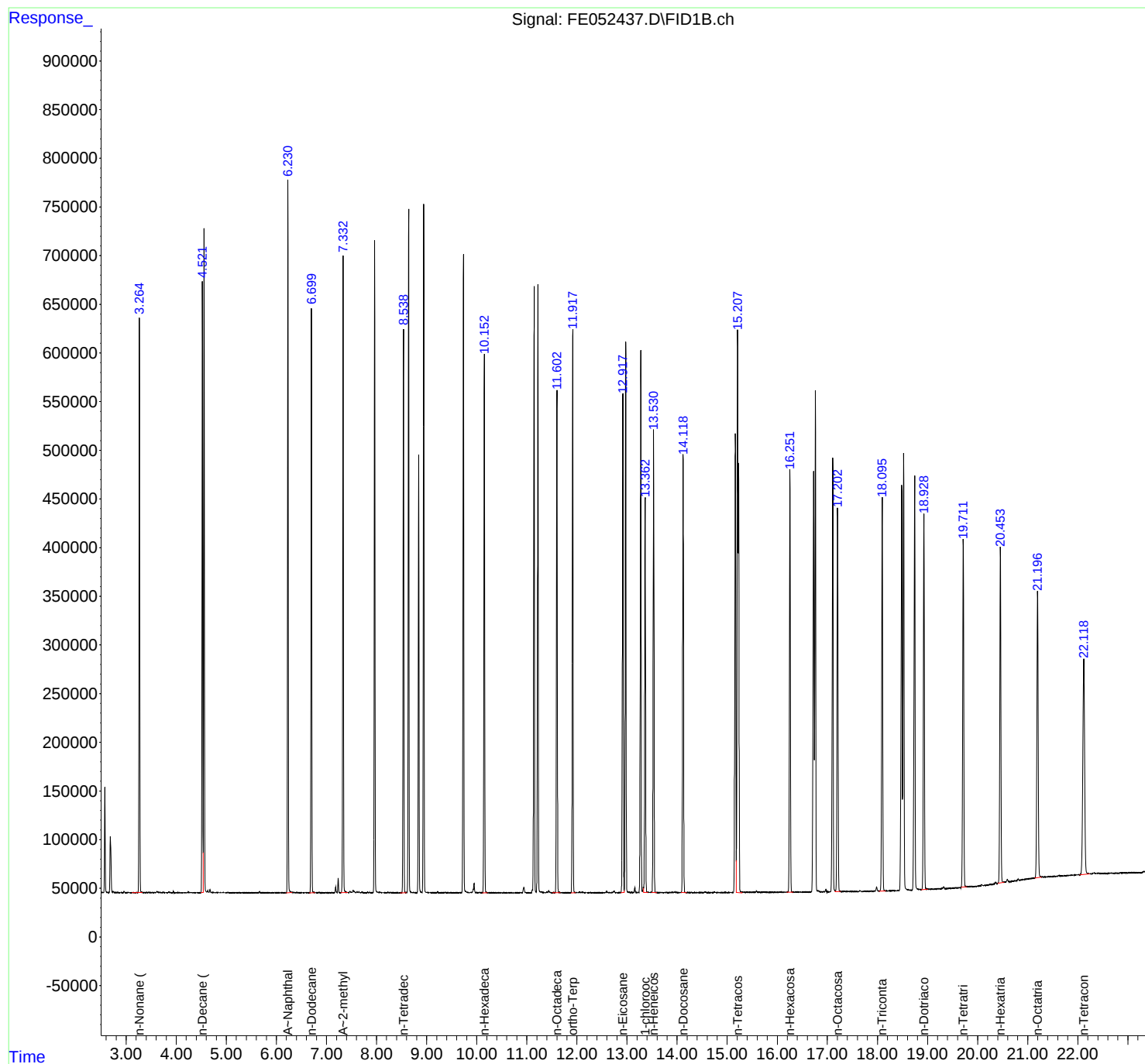
Instrument :
FID_E
ClientSampleId :
PB166818BS

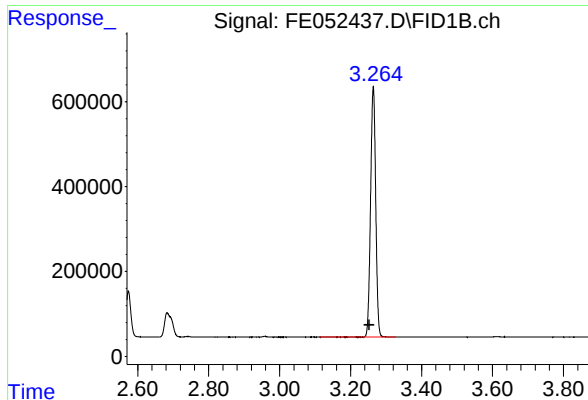
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File: autoint1.e
Quant Time: Feb 21 22:03:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.
Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





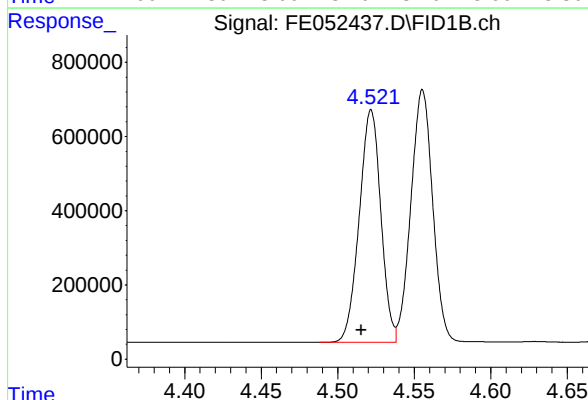
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.011 min
Response: 5912387
Conc: 38.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166818BS

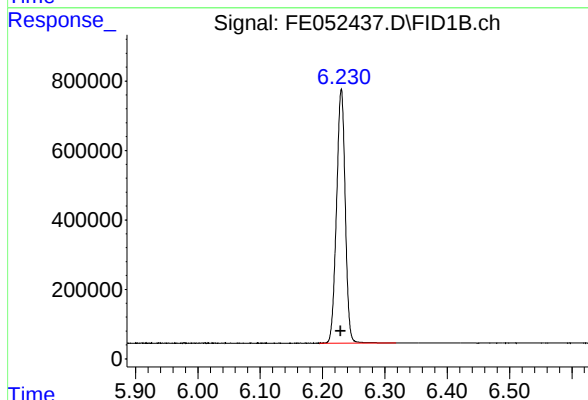
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



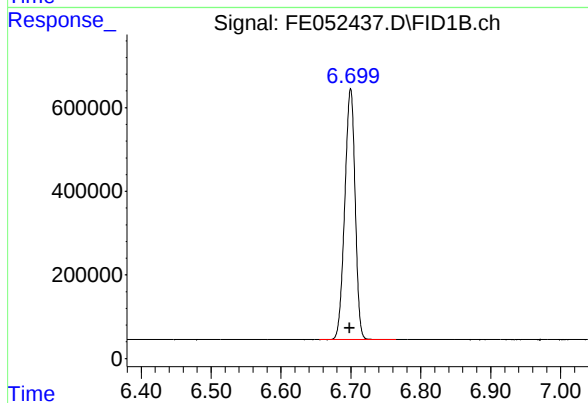
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.006 min
Response: 6143193
Conc: 39.33 ug/ml



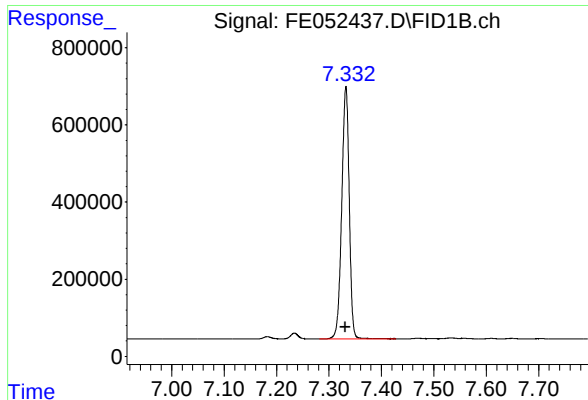
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 7089399
Conc: 41.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 6177083
Conc: 39.13 ug/ml



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

R.T.: 7.332 min
Delta R.T.: 0.001 min
Response: 6486892
Conc: 38.62 ug/ml

Instrument :

FID_E

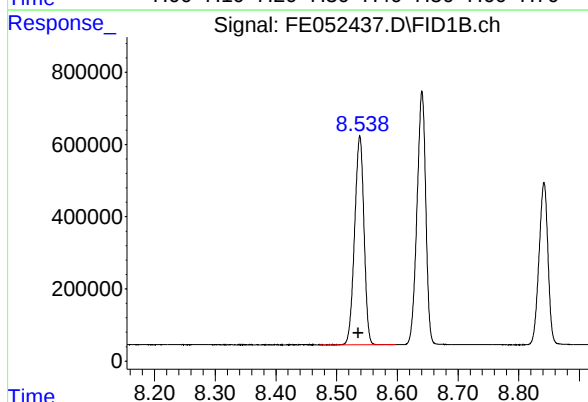
ClientSampleId :

PB166818BS

Manual Integrations

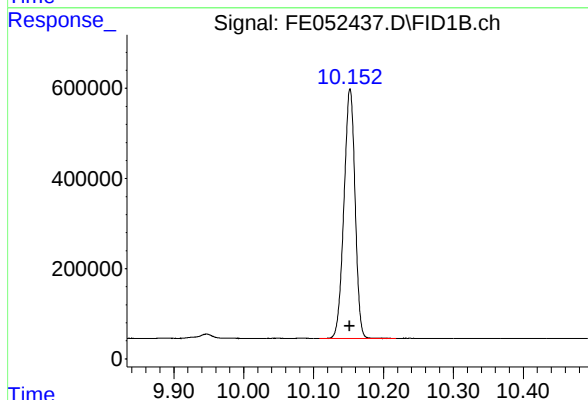
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



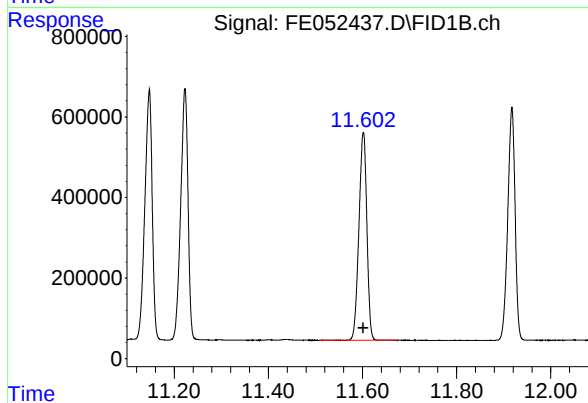
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.002 min
Response: 6197003
Conc: 39.34 ug/ml



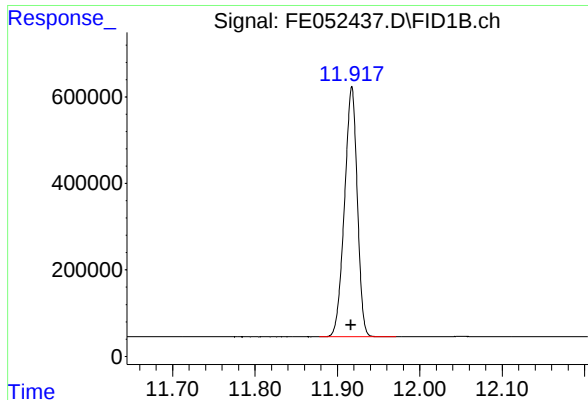
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: 0.000 min
Response: 6107395
Conc: 37.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 6037640
Conc: 36.49 ug/ml



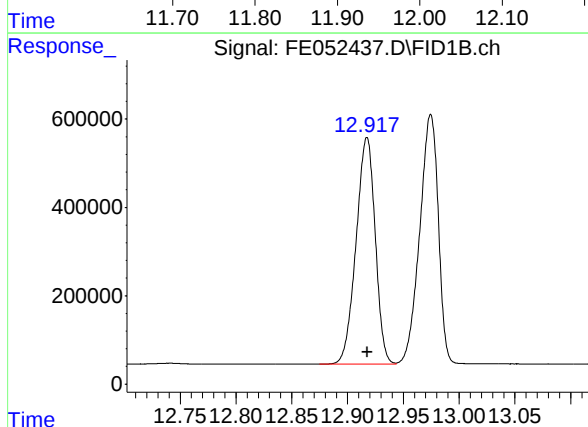
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 6232500
Conc: 33.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166818BS

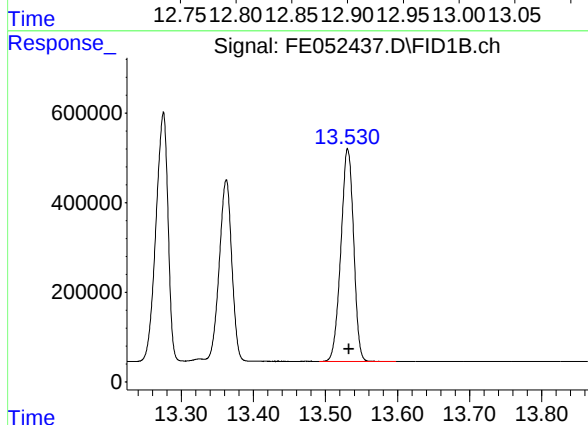
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



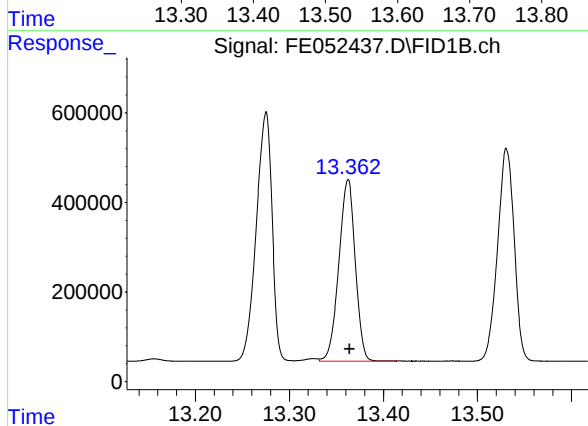
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 6122161
Conc: 38.40 ug/ml



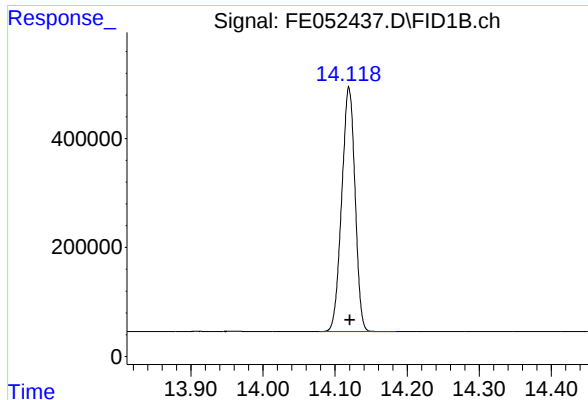
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.001 min
Response: 5836831
Conc: 37.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 4911805
Conc: 35.34 ug/ml m



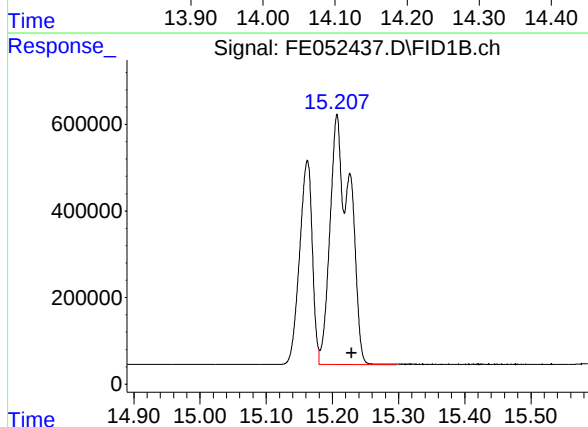
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.002 min
Response: 5773324
Conc: 36.89 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166818BS

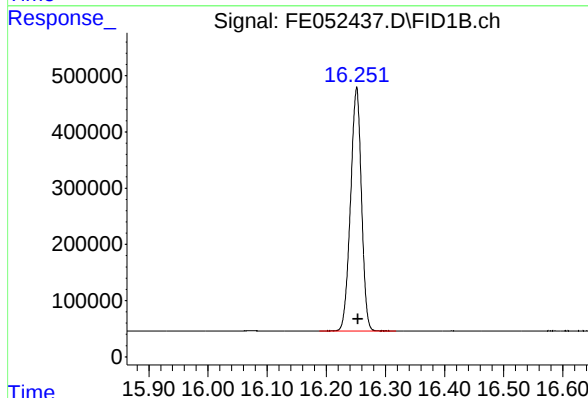
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



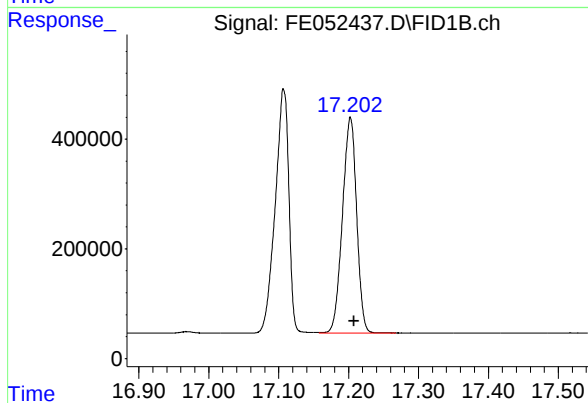
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.022 min
Response: 11963408
Conc: 76.07 ug/ml m



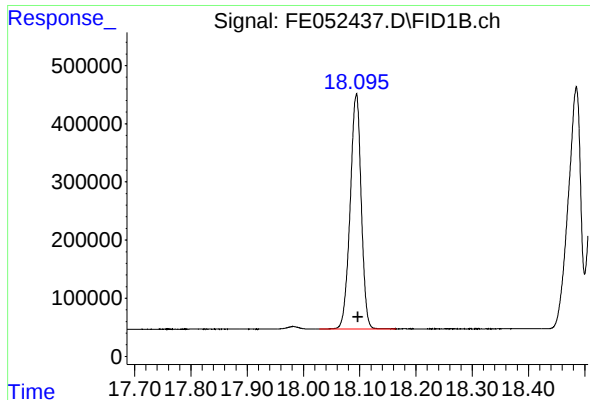
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 5553019
Conc: 35.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.005 min
Response: 5535140
Conc: 36.19 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.004 min
Response: 5511148
Conc: 35.31 ug/ml

Instrument :

FID_E

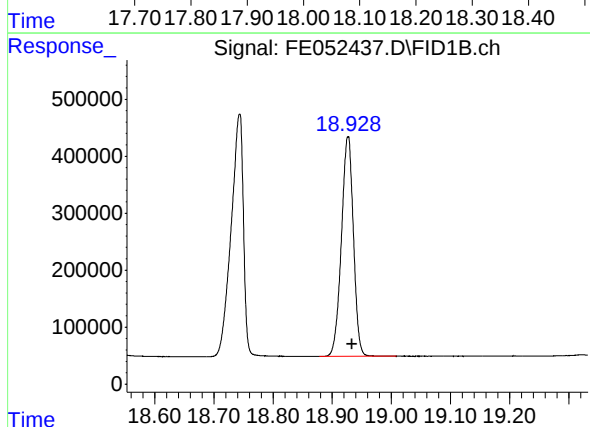
ClientSampleId :

PB166818BS

Manual Integrations

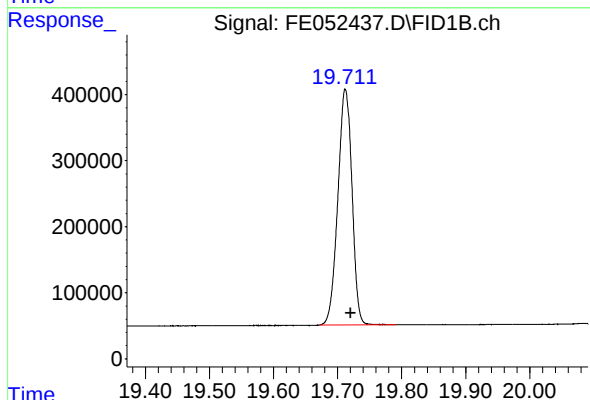
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



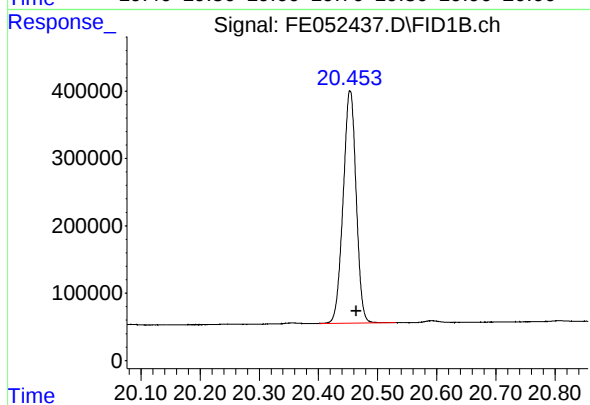
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.007 min
Response: 5438675
Conc: 35.54 ug/ml



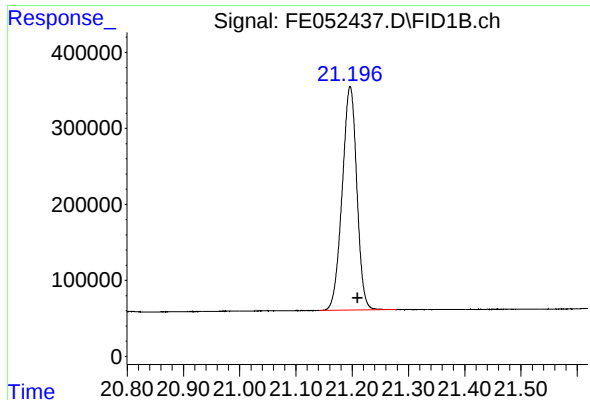
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.008 min
Response: 5448201
Conc: 38.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.010 min
Response: 5268110
Conc: 42.27 ug/ml



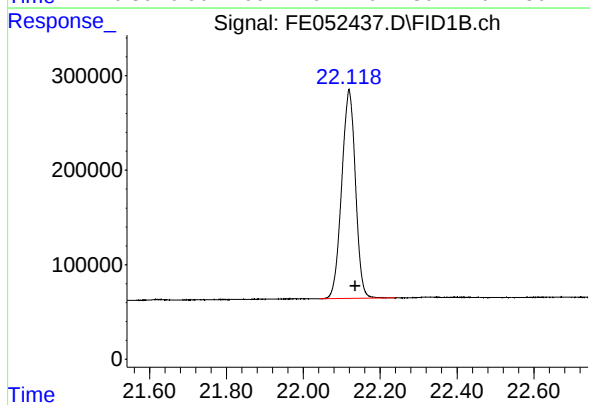
#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.013 min
Response: 5326848
Conc: 48.74 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166818BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.016 min
Response: 5497308
Conc: 54.65 ug/ml