

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011725AL\
 Data File : FE051955.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2025 19:24
 Operator : YP\AJ
 Sample : Q1115-10MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-213MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :Ankita Jodhani 01/21/2025

Integration File: autoint1.e

Quant Time: Jan 17 23:16:10 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 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)	12.186	4765085	33.339 ug/ml
Spiked Amount 50.000		Recovery =	66.68%
12) S 1-chlorooctadecane (S...	13.607	4089805	35.652 ug/ml
Spiked Amount 50.000		Recovery =	71.30%
Target Compounds			
1) T n-Nonane (C9)	3.620	2969691	27.855 ug/ml
2) T n-Decane (C10)	4.856	3461117	31.614 ug/ml
3) T A~Naphthalene (C11.7)	6.558	4379456	36.040 ug/ml
4) T n-Dodecane (C12)	6.999	3981980	35.281 ug/ml
5) T A~2-methylnaphthalene...	7.645	4324670	36.225 ug/ml
6) T n-Tetradecane (C14)	8.818	4494263	38.641 ug/mlm
7) T n-Hexadecane (C16)	10.417	4854929	38.494 ug/ml
8) T n-Octadecane (C18)	11.855	5012437	37.885 ug/ml
10) T n-Eicosane (C20)	13.164	5292673	40.373 ug/mlm
11) T n-Heneicosane (C21)	13.771	5087241	39.084 ug/mlm
13) T n-Docosane (C22)	14.356	5042841	38.426 ug/ml
14) T n-Tetracosane (C24)	15.460	10660714	80.258 ug/ml
15) T n-Hexacosane (C26)	16.474	4975732	37.642 ug/mlm
16) T n-Octacosane (C28)	17.421	4947813	37.488 ug/ml
17) T n-Tricontane (C30)	18.306	4908928	36.005 ug/ml
18) T n-Dotriacontane (C32)	19.135	4817235	36.758 ug/ml
19) T n-Tetratriacontane (C34)	19.916	4594801	40.812 ug/ml
20) T n-Hexatriacontane (C36)	20.654	4202092	44.241 ug/ml
21) T n-Octatriacontane (C38)	21.446	3732880	43.213 ug/ml
22) T n-Tetracontane (C40)	22.456	3570353	43.324 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011725AL\
Data File : FE051955.D
Signal(s) : FID1B.ch
Acq On : 17 Jan 2025 19:24
Operator : YP\AJ
Sample : Q1115-10MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

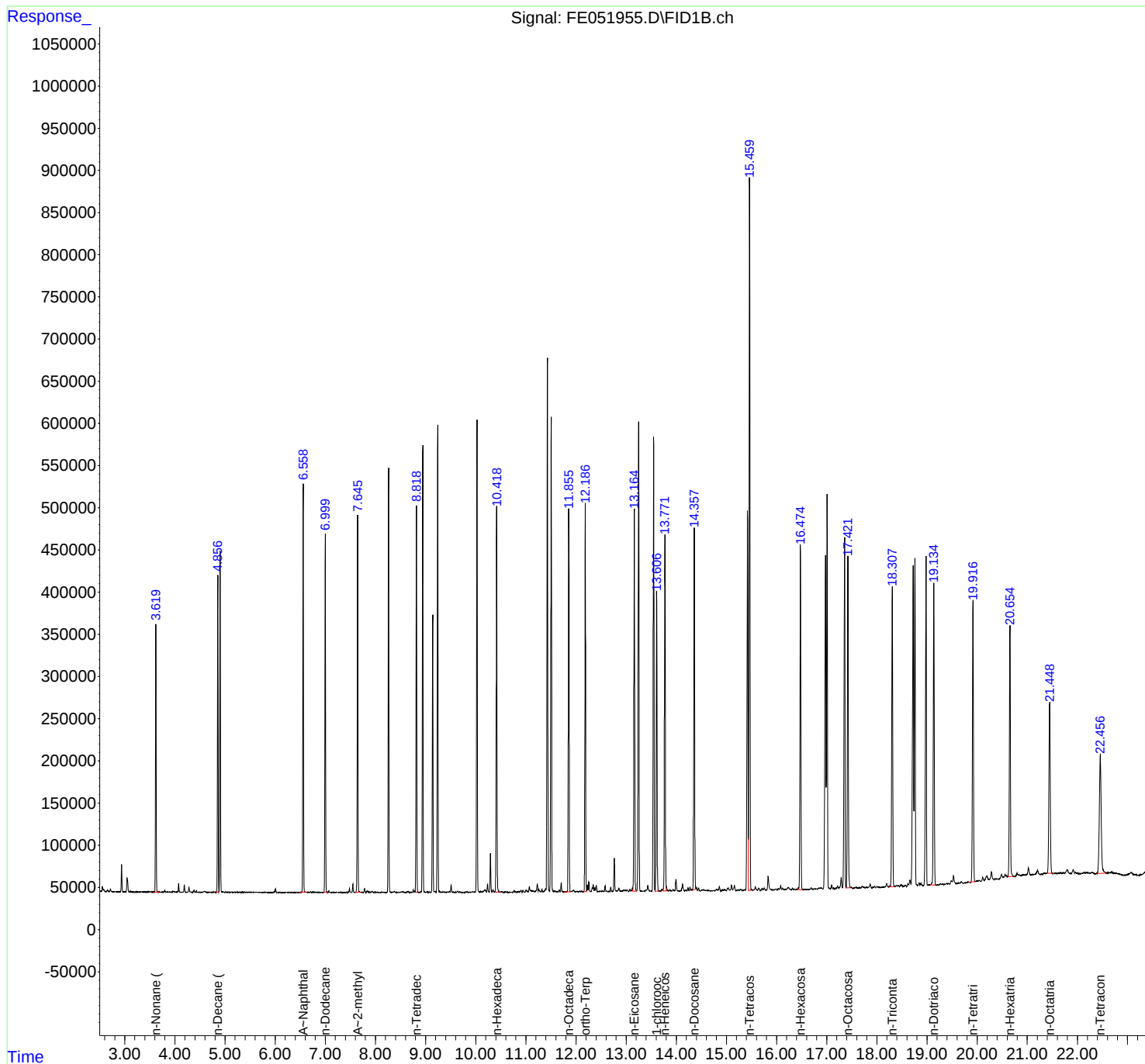
Instrument :
FID_E
ClientSampleId :
VNJ-213MS

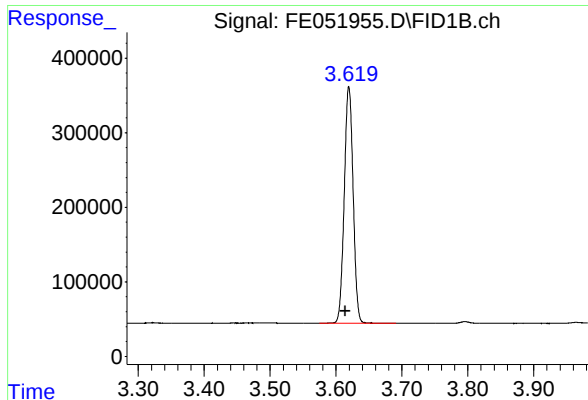
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File: autoint1.e
Quant Time: Jan 17 23:16:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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





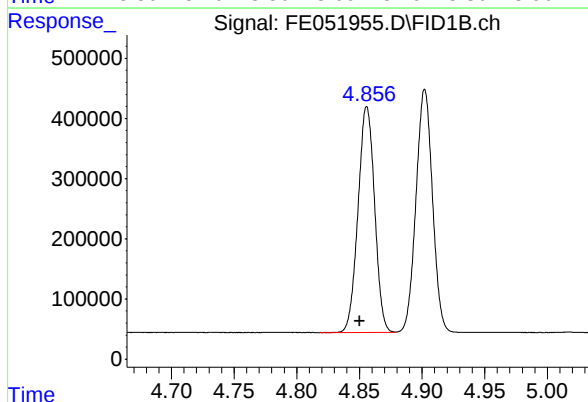
#1 n-Nonane (C9)

R.T.: 3.620 min
Delta R.T.: 0.006 min
Response: 2969691
Conc: 27.86 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-213MS

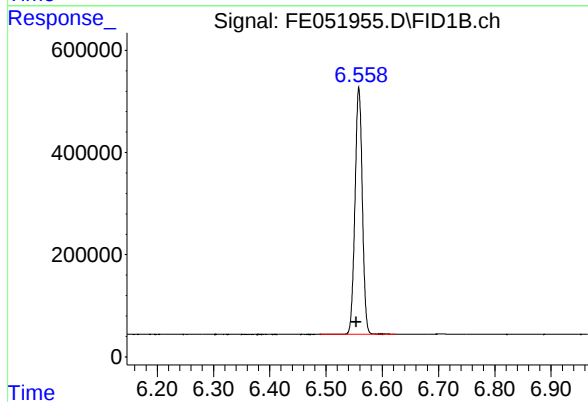
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



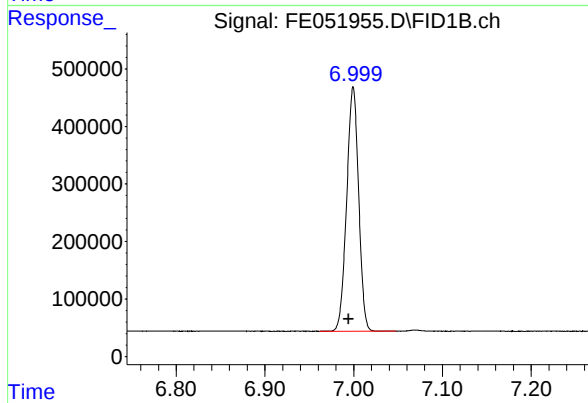
#2 n-Decane (C10)

R.T.: 4.856 min
Delta R.T.: 0.006 min
Response: 3461117
Conc: 31.61 ug/ml



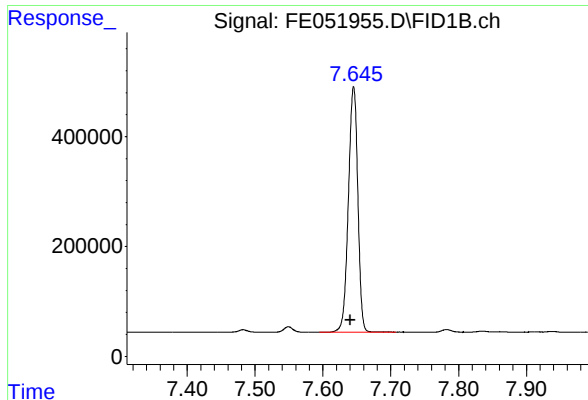
#3 A~Naphthalene (C11.7)

R.T.: 6.558 min
Delta R.T.: 0.005 min
Response: 4379456
Conc: 36.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.999 min
Delta R.T.: 0.005 min
Response: 3981980
Conc: 35.28 ug/ml



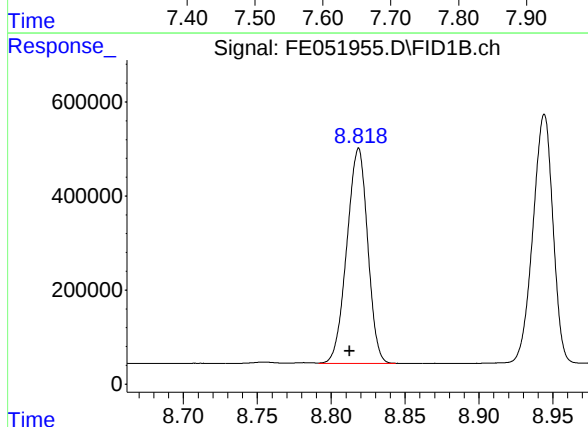
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 4324670
Conc: 36.22 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-213MS

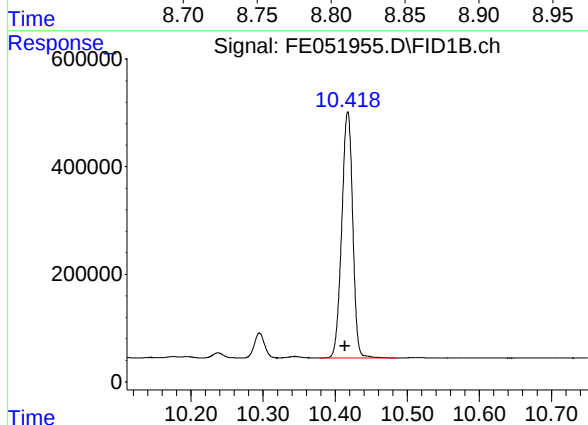
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



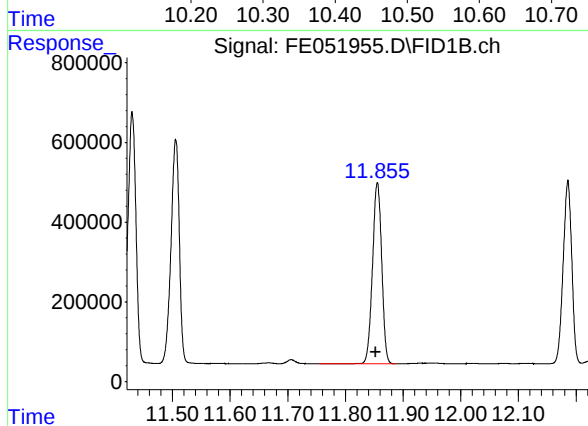
#6 n-Tetradecane (C14)

R.T.: 8.818 min
Delta R.T.: 0.006 min
Response: 4494263
Conc: 38.64 ug/ml



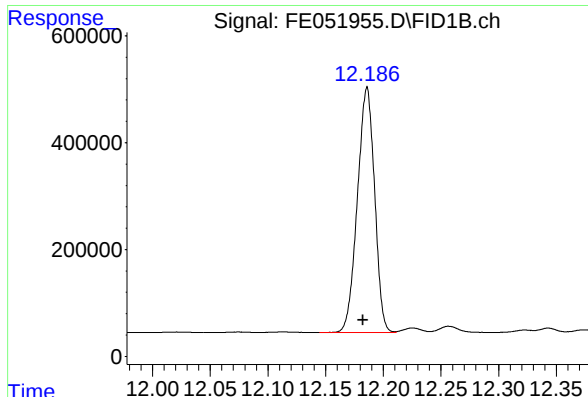
#7 n-Hexadecane (C16)

R.T.: 10.417 min
Delta R.T.: 0.004 min
Response: 4854929
Conc: 38.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.855 min
Delta R.T.: 0.003 min
Response: 5012437
Conc: 37.88 ug/ml



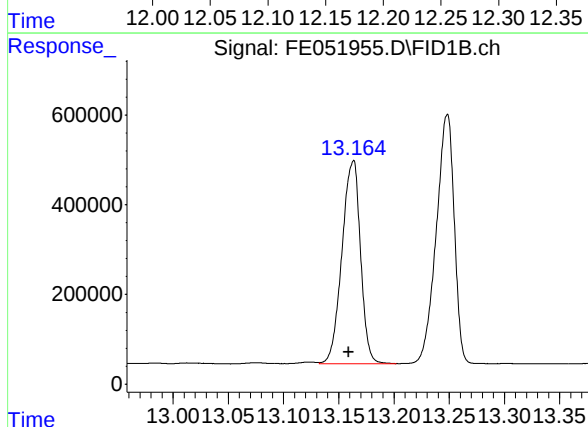
#9 ortho-Terphenyl (SURR)

R.T.: 12.186 min
Delta R.T.: 0.003 min
Response: 4765085
Conc: 33.34 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-213MS

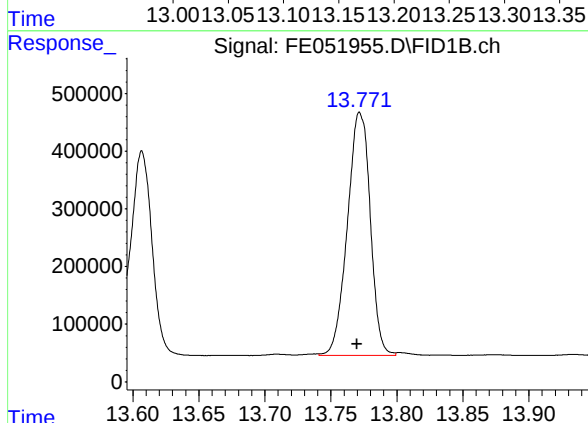
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



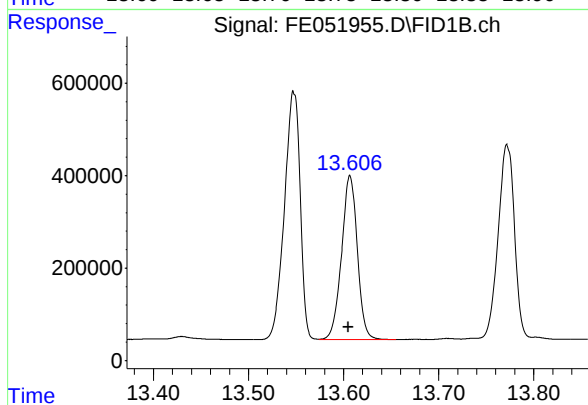
#10 n-Eicosane (C20)

R.T.: 13.164 min
Delta R.T.: 0.005 min
Response: 5292673
Conc: 40.37 ug/ml m



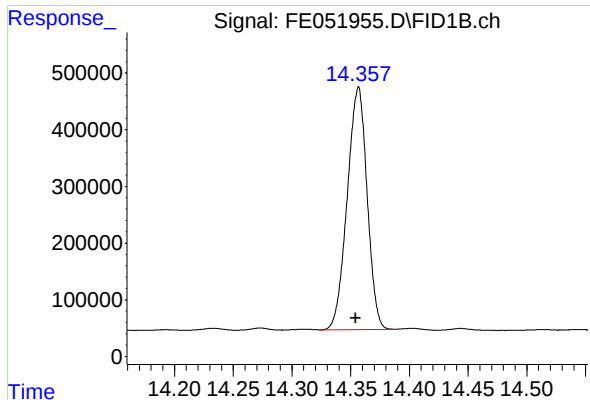
#11 n-Heneicosane (C21)

R.T.: 13.771 min
Delta R.T.: 0.002 min
Response: 5087241
Conc: 39.08 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.607 min
Delta R.T.: 0.002 min
Response: 4089805
Conc: 35.65 ug/ml



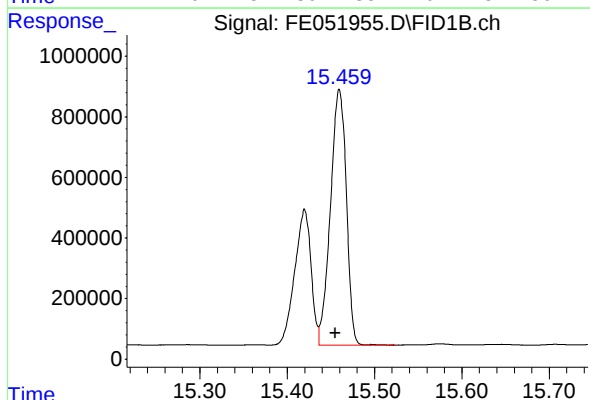
#13 n-Docosane (C22)

R.T.: 14.356 min
Delta R.T.: 0.002 min
Response: 5042841
Conc: 38.43 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-213MS

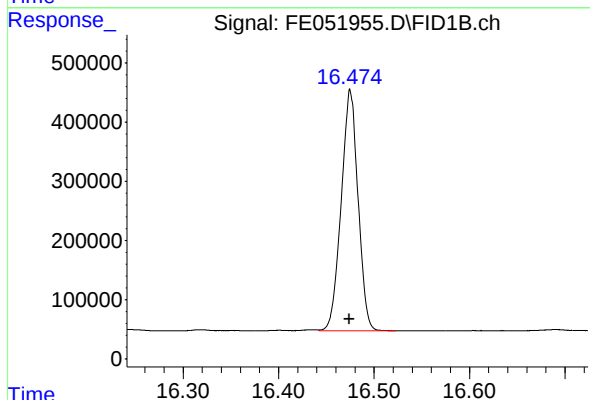
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



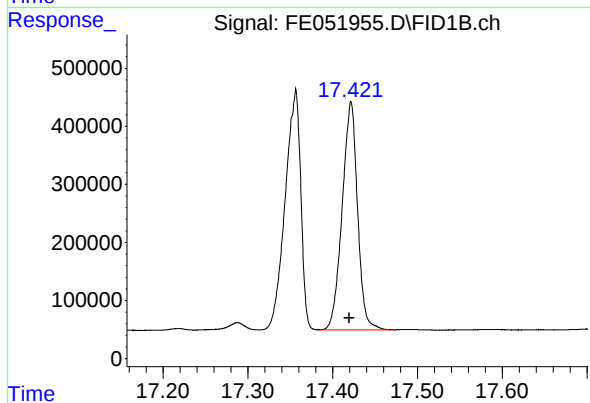
#14 n-Tetracosane (C24)

R.T.: 15.460 min
Delta R.T.: 0.005 min
Response: 10660714
Conc: 80.26 ug/ml



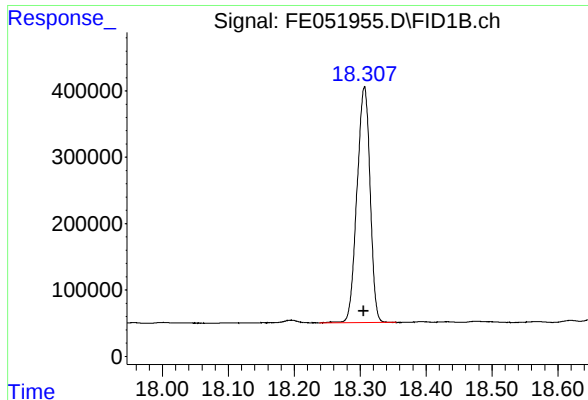
#15 n-Hexacosane (C26)

R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 4975732
Conc: 37.64 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.421 min
Delta R.T.: 0.001 min
Response: 4947813
Conc: 37.49 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.306 min
Delta R.T.: 0.001 min
Response: 4908928
Conc: 36.00 ug/ml

Instrument :

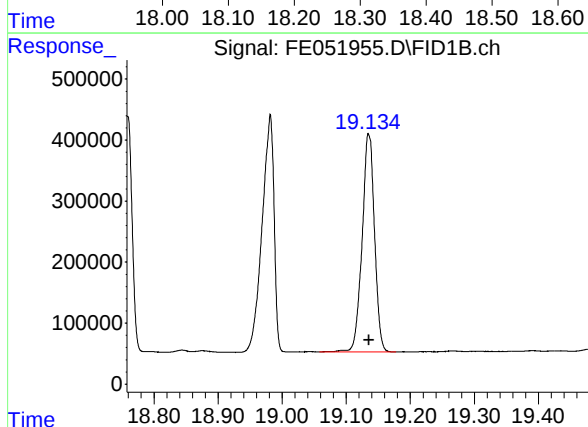
FID_E

ClientSampleId :

VNJ-213MS

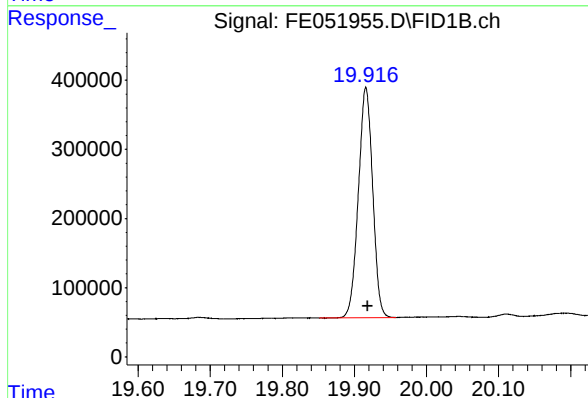
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



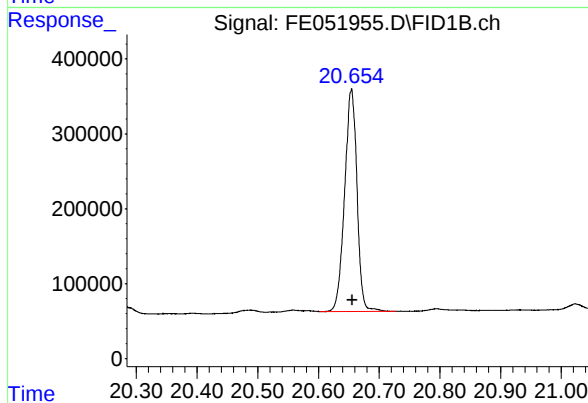
#18 n-Dotriacontane (C32)

R.T.: 19.135 min
Delta R.T.: 0.000 min
Response: 4817235
Conc: 36.76 ug/ml



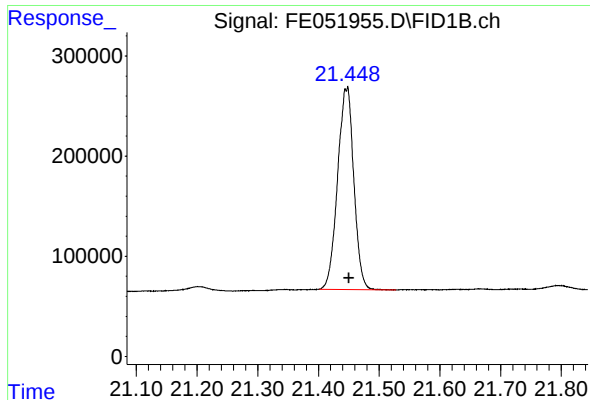
#19 n-Tetratriacontane (C34)

R.T.: 19.916 min
Delta R.T.: -0.002 min
Response: 4594801
Conc: 40.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.654 min
Delta R.T.: -0.001 min
Response: 4202092
Conc: 44.24 ug/ml



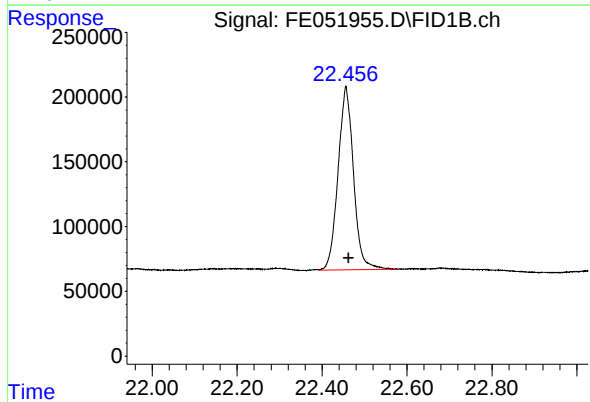
#21 n-Octatriacontane (C38)

R.T.: 21.446 min
Delta R.T.: -0.004 min
Response: 3732880
Conc: 43.21 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-213MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



#22 n-Tetracontane (C40)

R.T.: 22.456 min
Delta R.T.: -0.007 min
Response: 3570353
Conc: 43.32 ug/ml m