

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100324AL\
 Data File : FE050494.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2024 14:52
 Operator : YP\AJ
 Sample : PB163864BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163864BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e

Quant Time: Oct 04 03:16:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 2024

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)	11.864	6170787	41.476 ug/ml
Spiked Amount 50.000		Recovery =	82.95%
12) S 1-chlorooctadecane (S...	13.297	5117233	45.557 ug/ml
Spiked Amount 50.000		Recovery =	91.11%
Target Compounds			
1) T n-Nonane (C9)	3.260	4423927	32.638 ug/ml
2) T n-Decane (C10)	4.507	4674224	33.868 ug/ml
3) T A~Naphthalene (C11.7)	6.213	5384464	38.469 ug/ml
4) T n-Dodecane (C12)	6.671	5109406	36.949 ug/ml
5) T A~2-methylnaphthalene...	7.308	5123890	38.983 ug/ml
6) T n-Tetradecane (C14)	8.499	5377264	39.489 ug/ml
7) T n-Hexadecane (C16)	10.103	5388148	38.791 ug/ml
8) T n-Octadecane (C18)	11.544	5413245	38.638 ug/ml
10) T n-Eicosane (C20)	12.851	5429295	40.474 ug/ml
11) T n-Heneicosane (C21)	13.462	5268412	40.095 ug/ml
13) T n-Docosane (C22)	14.048	5192310	39.874 ug/ml
14) T n-Tetracosane (C24)	15.147	10463605	80.125 ug/ml
15) T n-Hexacosane (C26)	16.168	5067424	39.608 ug/ml
16) T n-Octacosane (C28)	17.117	6319880	49.064 ug/ml
17) T n-Tricontane (C30)	18.004	5328208	39.846 ug/ml
18) T n-Dotriacontane (C32)	18.833	5507245	41.328 ug/ml
19) T n-Tetratriacontane (C34)	19.617	5408306	43.770 ug/ml
20) T n-Hexatriacontane (C36)	20.356	5171615	46.612 ug/ml
21) T n-Octatriacontane (C38)	21.081	5023449	45.552 ug/ml
22) T n-Tetracontane (C40)	21.965	4609712	42.363 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100324AL\
Data File : FE050494.D
Signal(s) : FID1B.ch
Acq On : 03 Oct 2024 14:52
Operator : YP\AJ
Sample : PB163864BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

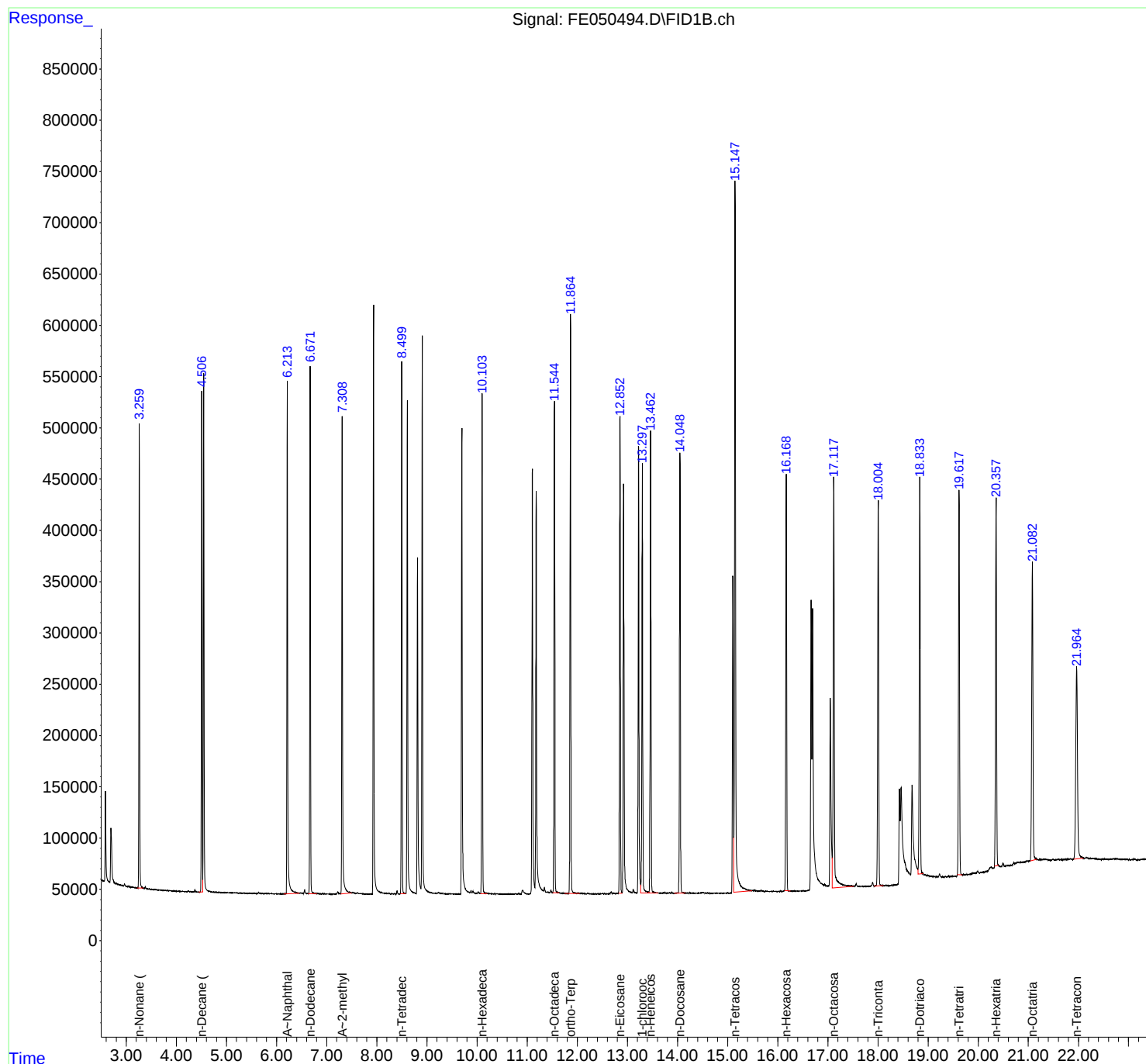
Instrument :
FID_E
ClientSampleId :
PB163864BSD

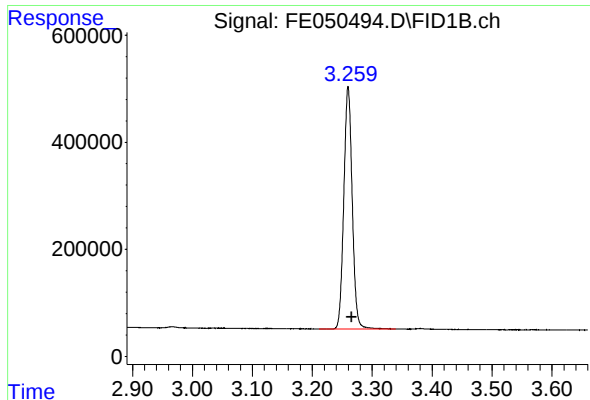
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e
Quant Time: Oct 04 03:16:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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.: 3.260 min
Delta R.T.: -0.006 min
Response: 4423927
Conc: 32.64 ug/ml

Instrument :

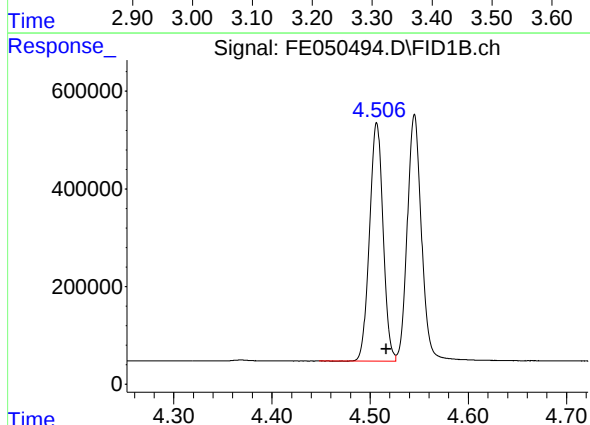
FID_E

ClientSampleId :

PB163864BSD

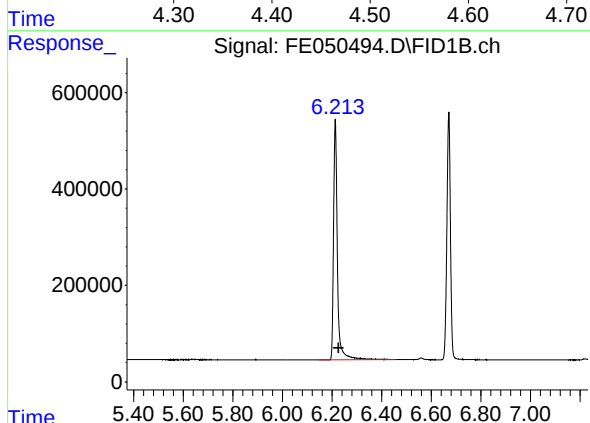
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



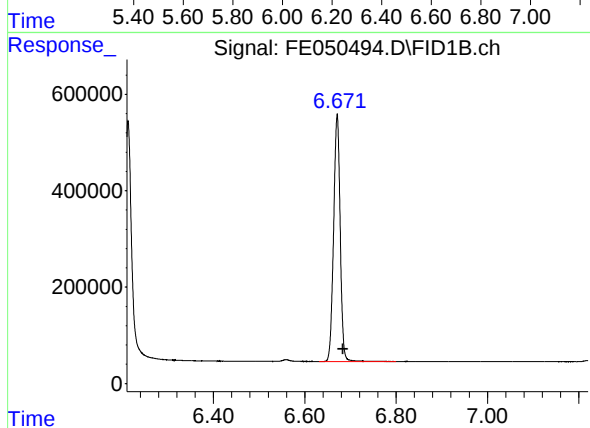
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.010 min
Response: 4674224
Conc: 33.87 ug/ml



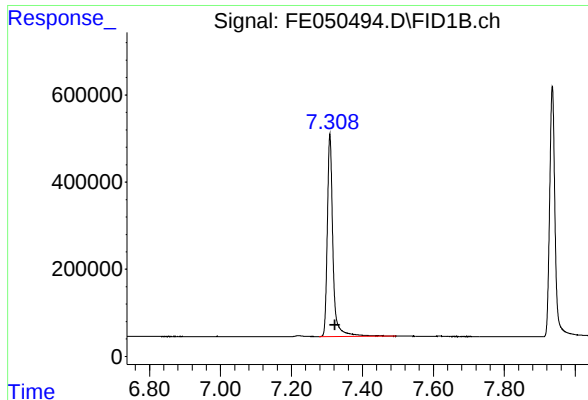
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.014 min
Response: 5384464
Conc: 38.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: -0.013 min
Response: 5109406
Conc: 36.95 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.015 min
Response: 5123890
Conc: 38.98 ug/ml

Instrument :

FID_E

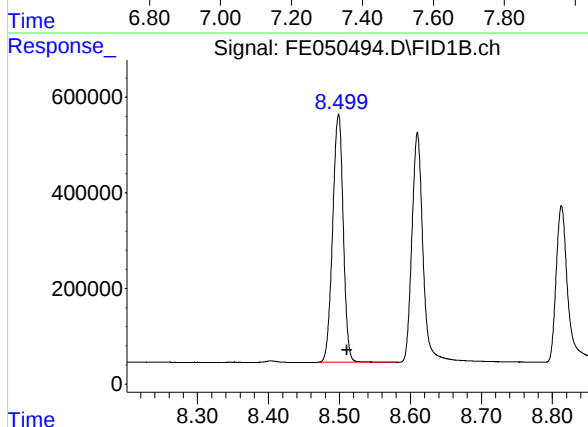
ClientSampleId :

PB163864BSD

Manual Integrations

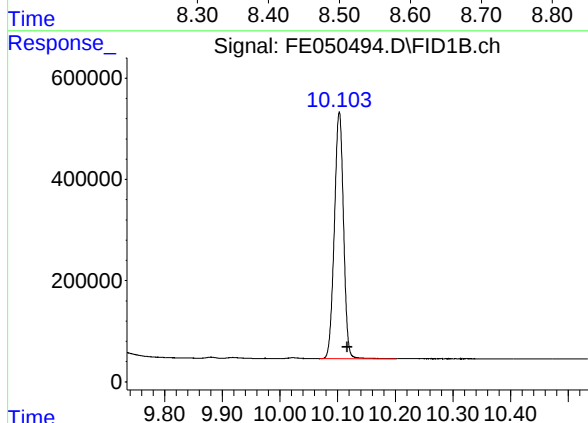
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



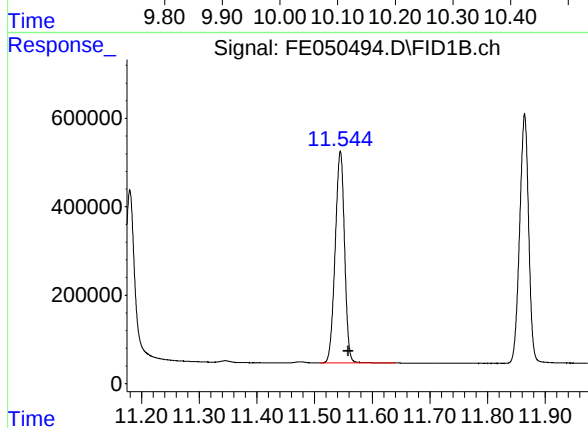
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 5377264
Conc: 39.49 ug/ml



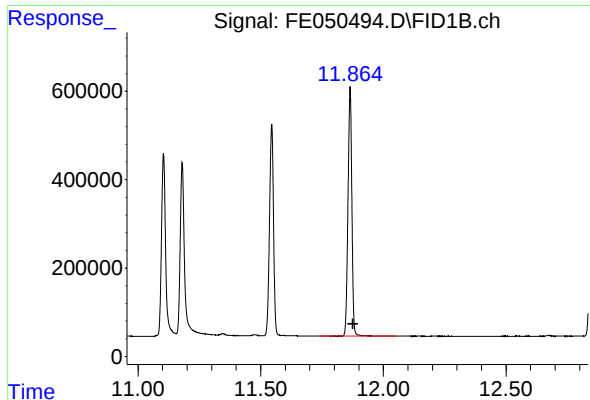
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 5388148
Conc: 38.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.014 min
Response: 5413245
Conc: 38.64 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.013 min
Response: 6170787
Conc: 41.48 ug/ml

Instrument :

FID_E

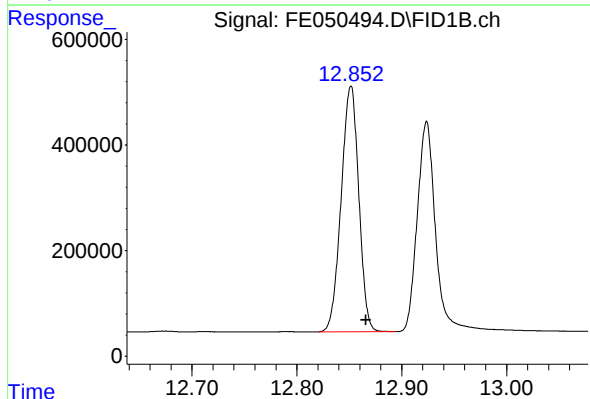
ClientSampleId :

PB163864BSD

Manual Integrations

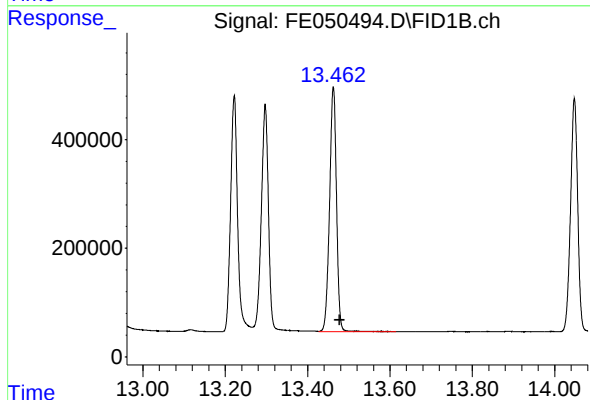
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



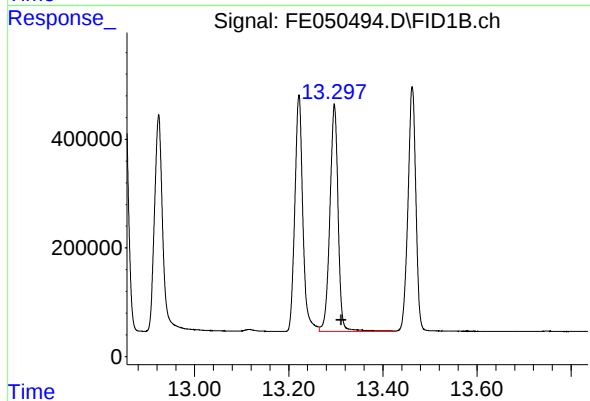
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: -0.015 min
Response: 5429295
Conc: 40.47 ug/ml



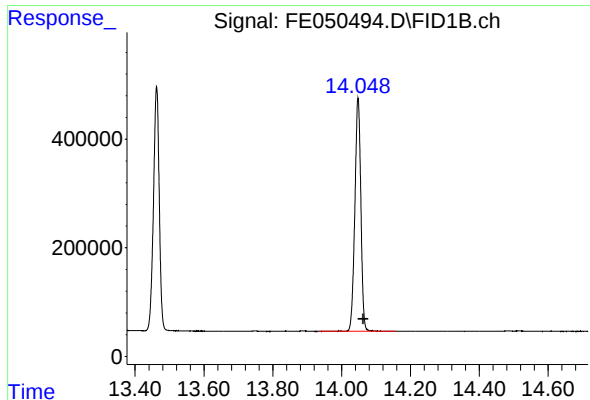
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: -0.015 min
Response: 5268412
Conc: 40.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.015 min
Response: 5117233
Conc: 45.56 ug/ml



#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.015 min
Response: 5192310
Conc: 39.87 ug/ml

Instrument :

FID_E

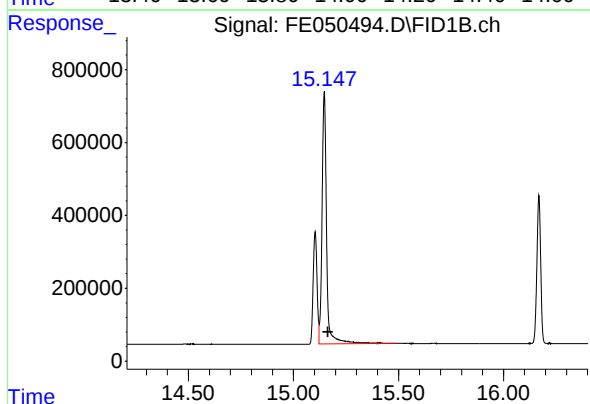
ClientSampleId :

PB163864BSD

Manual Integrations

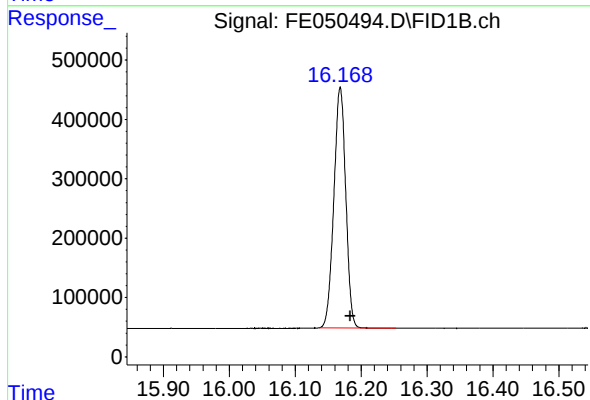
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



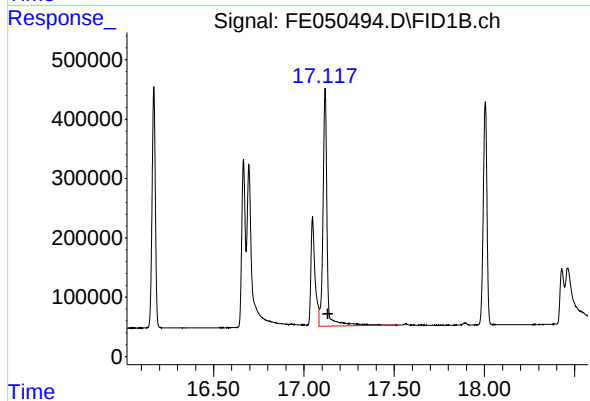
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.018 min
Response: 10463605
Conc: 80.13 ug/ml



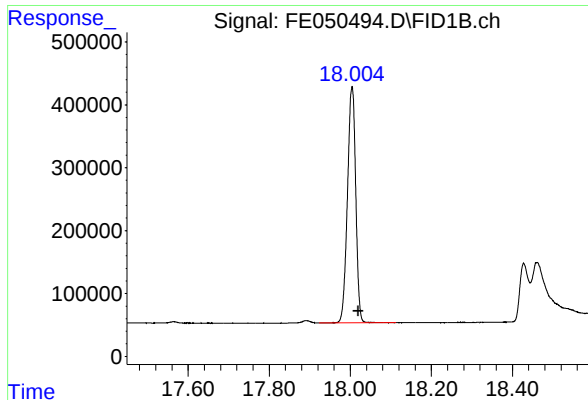
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.016 min
Response: 5067424
Conc: 39.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.017 min
Response: 6319880
Conc: 49.06 ug/ml



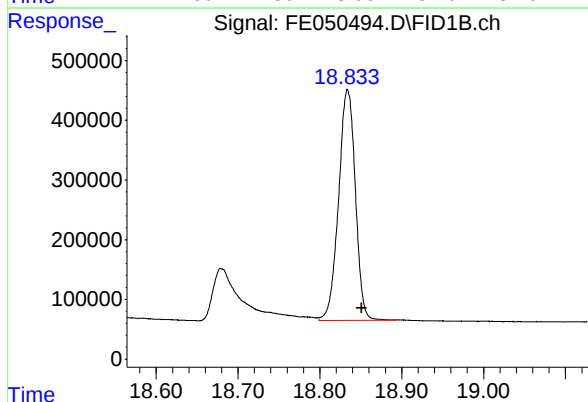
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.016 min
Response: 5328208
Conc: 39.85 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163864BSD

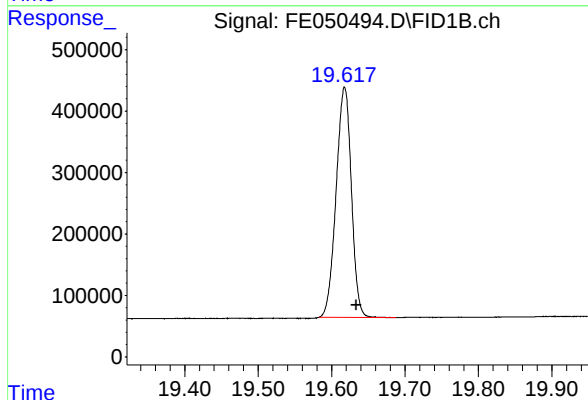
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



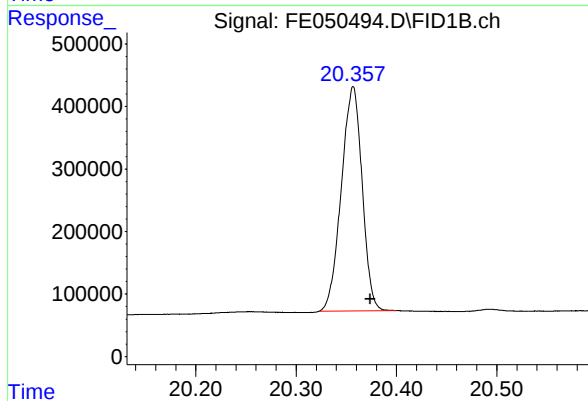
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.018 min
Response: 5507245
Conc: 41.33 ug/ml



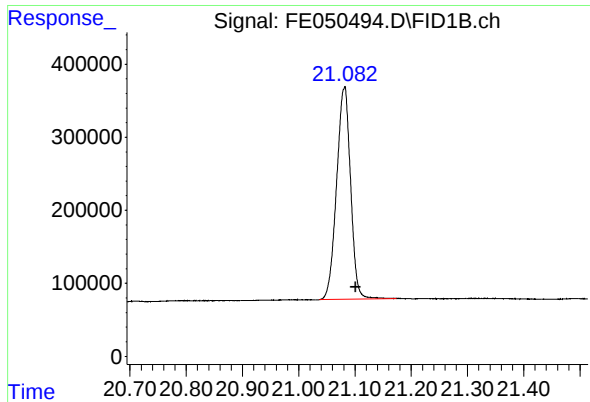
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.017 min
Response: 5408306
Conc: 43.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: -0.018 min
Response: 5171615
Conc: 46.61 ug/ml



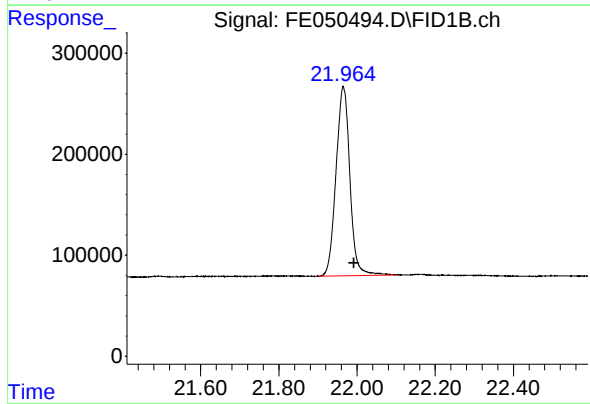
#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.020 min
Response: 5023449
Conc: 45.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163864BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.028 min
Response: 4609712
Conc: 42.36 ug/ml