

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091424AL\
 Data File : FE050087.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2024 15:33
 Operator : YP\AJ
 Sample : PB163373BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163373BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 02:11:11 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)	11.878	6640410	44.632 ug/ml
Spiked Amount 50.000		Recovery =	89.26%
12) S 1-chlorooctadecane (S...	13.311	5572416	49.609 ug/ml
Spiked Amount 50.000		Recovery =	99.22%
Target Compounds			
1) T n-Nonane (C9)	3.273	5481053	40.437 ug/ml
2) T n-Decane (C10)	4.519	5684811	41.191 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5911889	42.237 ug/ml
4) T n-Dodecane (C12)	6.683	5650378	40.861 ug/ml
5) T A~2-methylnaphthalene...	7.320	5297380	40.303 ug/ml
6) T n-Tetradecane (C14)	8.511	5957258	43.748 ug/ml
7) T n-Hexadecane (C16)	10.116	6274711	45.173 ug/ml
8) T n-Octadecane (C18)	11.559	6458415	46.098 ug/ml
10) T n-Eicosane (C20)	12.867	6494106	48.411 ug/ml
11) T n-Heneicosane (C21)	13.478	6292581	47.890 ug/ml
13) T n-Docosane (C22)	14.063	6204522	47.647 ug/ml
14) T n-Tetracosane (C24)	15.162	11896983	91.101 ug/ml
15) T n-Hexacosane (C26)	16.186	6065901	47.412 ug/ml
16) T n-Octacosane (C28)	17.133	6755855	52.449 ug/ml
17) T n-Tricontane (C30)	18.021	6241179	46.673 ug/ml
18) T n-Dotriacontane (C32)	18.852	6439247	48.322 ug/mlm
19) T n-Tetratriacontane (C34)	19.634	6460789	52.288 ug/ml
20) T n-Hexatriacontane (C36)	20.374	6423933	57.899 ug/mlm
21) T n-Octatriacontane (C38)	21.100	6232800	56.518 ug/ml
22) T n-Tetracontane (C40)	21.992	5640088	51.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091424AL\
Data File : FE050087.D
Signal(s) : FID1B.ch
Acq On : 13 Sep 2024 15:33
Operator : YP\AJ
Sample : PB163373BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163373BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/16/2024

Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e

Quant Time: Sep 14 02:11:11 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

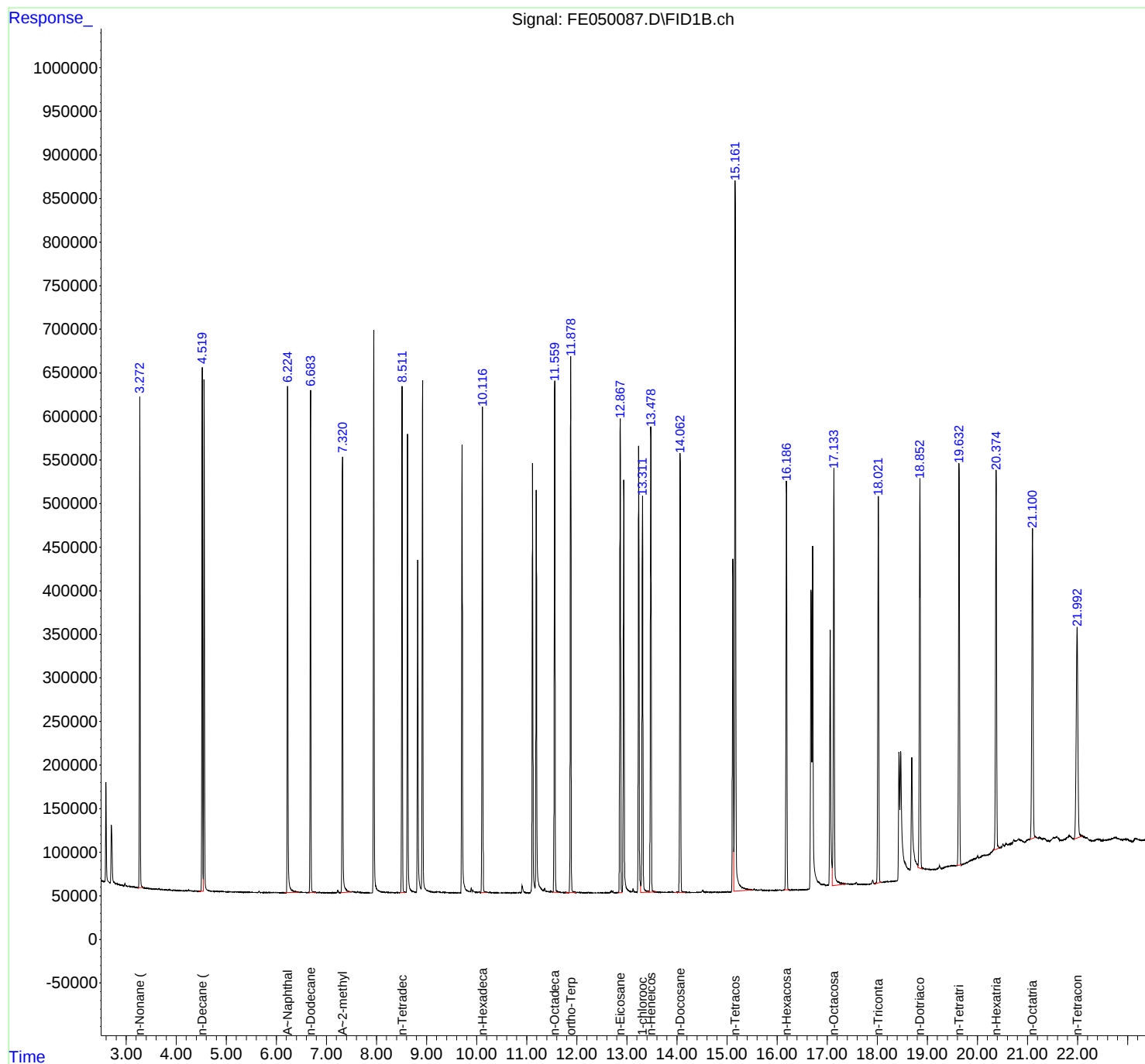
Response via : Initial Calibration

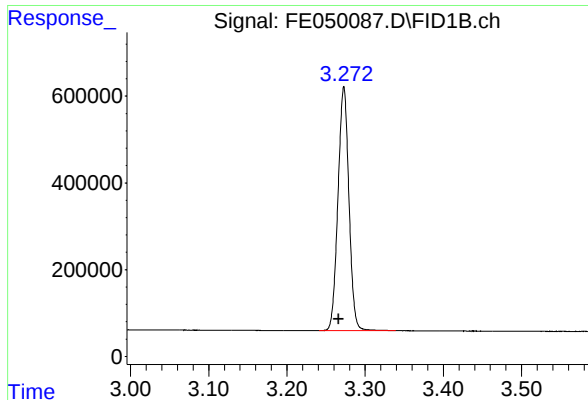
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





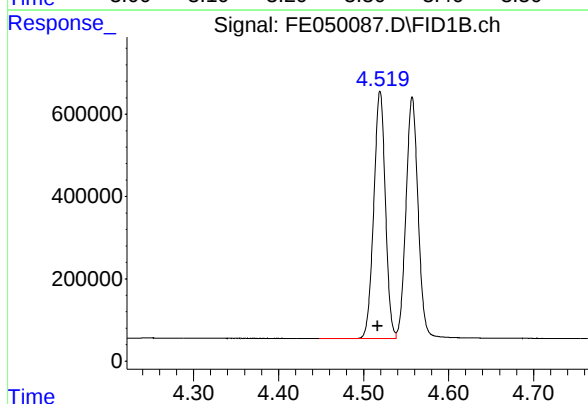
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: 0.007 min
Response: 5481053
Conc: 40.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163373BS

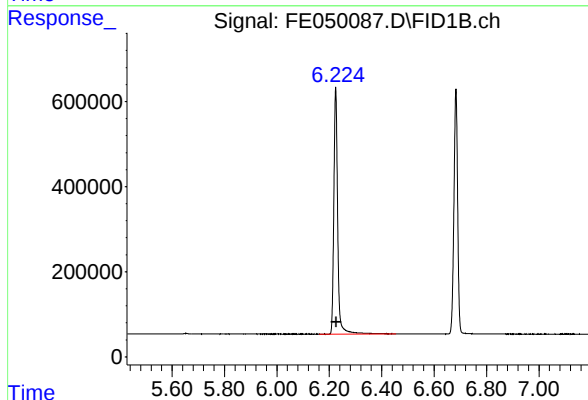
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



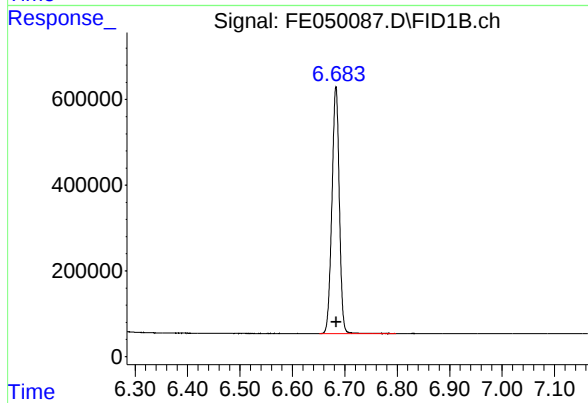
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 5684811
Conc: 41.19 ug/ml



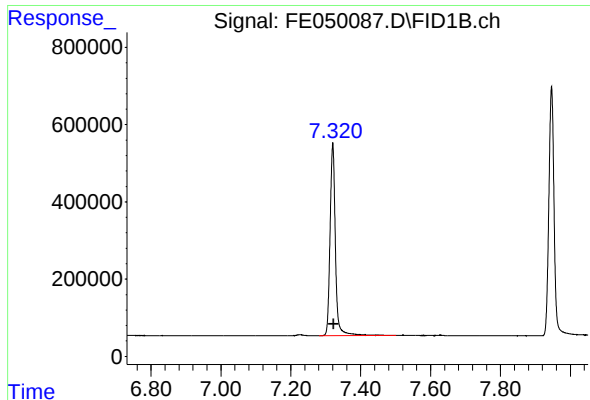
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 5911889
Conc: 42.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5650378
Conc: 40.86 ug/ml



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

R.T.: 7.320 min
Delta R.T.: -0.003 min
Response: 5297380
Conc: 40.30 ug/ml

Instrument :

FID_E

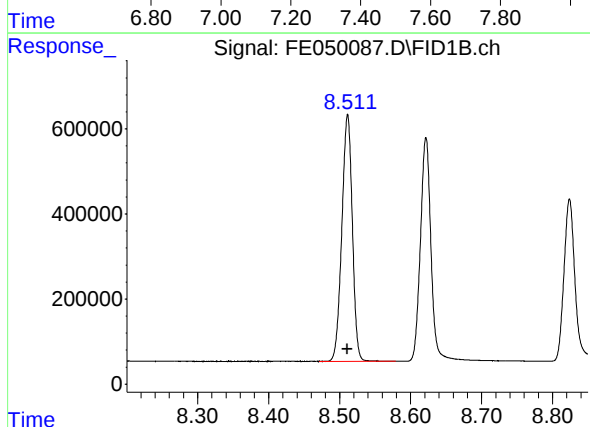
ClientSampleId :

PB163373BS

Manual Integrations

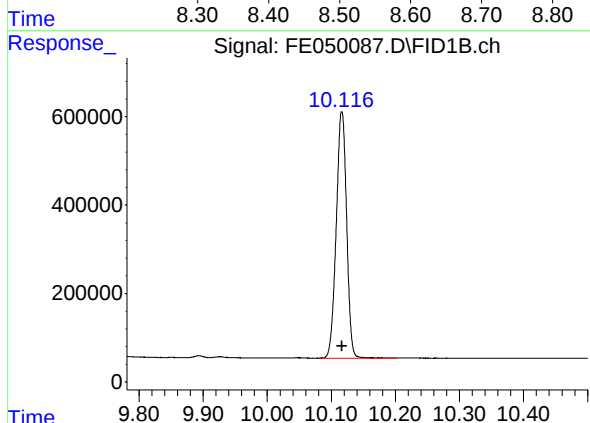
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



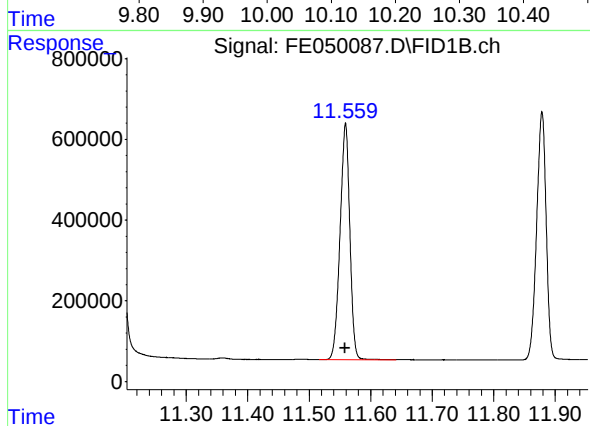
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 5957258
Conc: 43.75 ug/ml



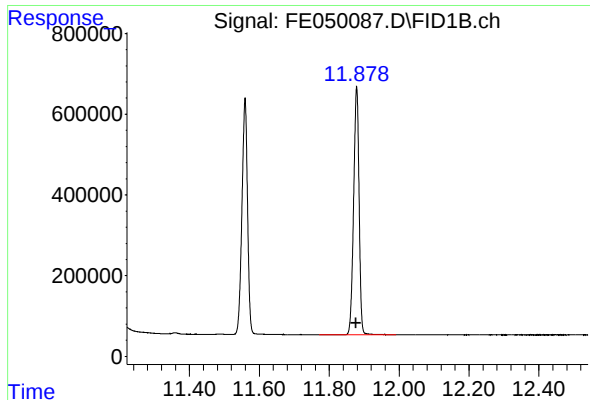
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 6274711
Conc: 45.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 6458415
Conc: 46.10 ug/ml



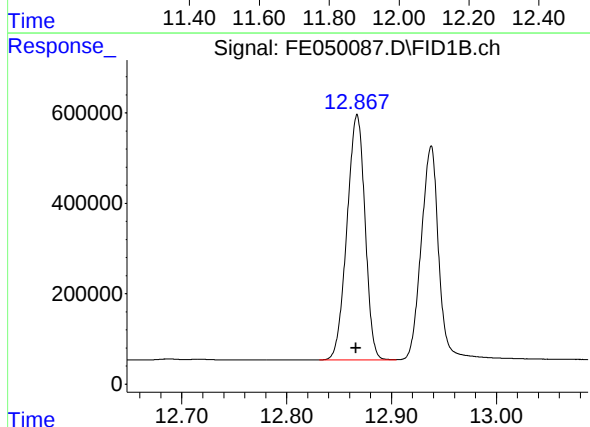
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.002 min
Response: 6640410
Conc: 44.63 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163373BS

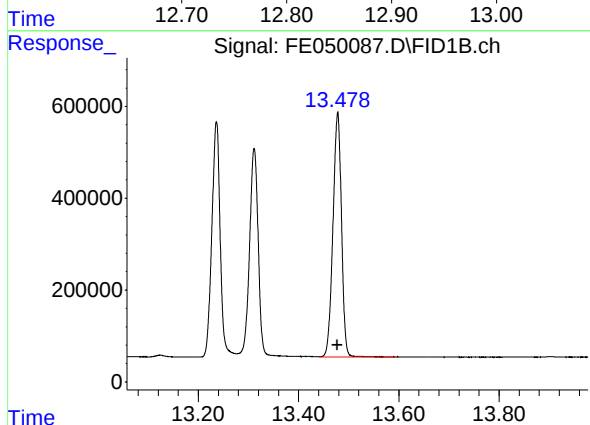
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



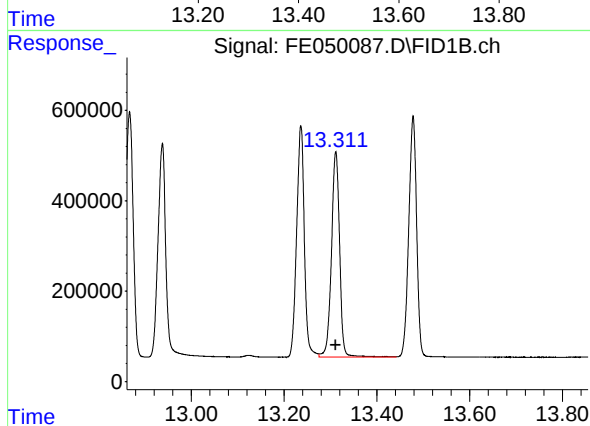
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 6494106
Conc: 48.41 ug/ml



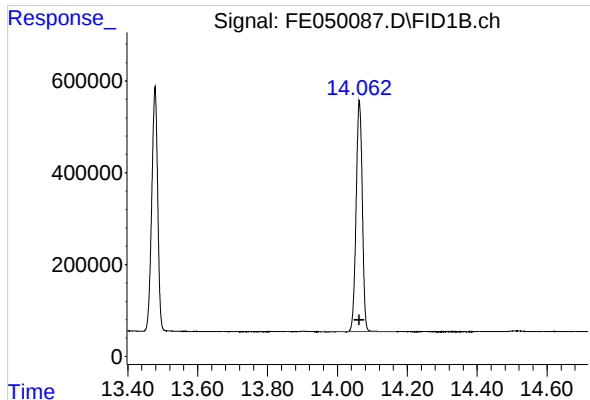
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 6292581
Conc: 47.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 5572416
Conc: 49.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 6204522
Conc: 47.65 ug/ml

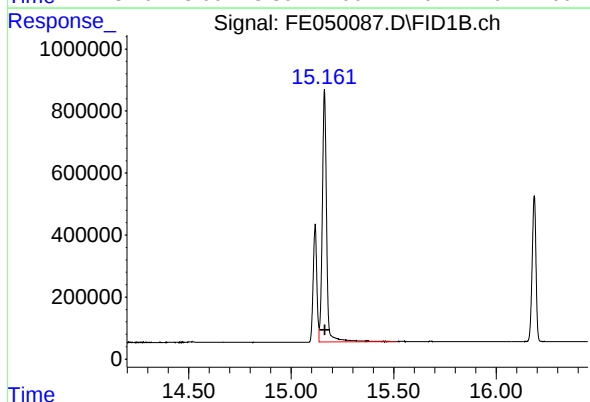
Instrument :

FID_E

ClientSampleId :
PB163373BS

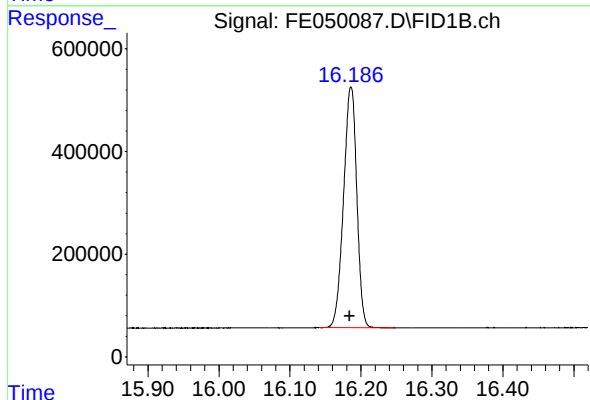
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



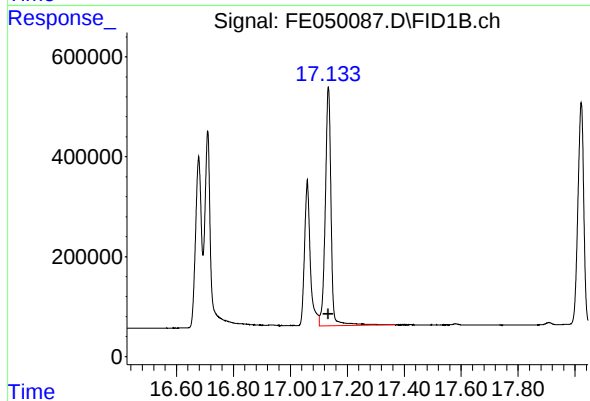
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 11896983
Conc: 91.10 ug/ml



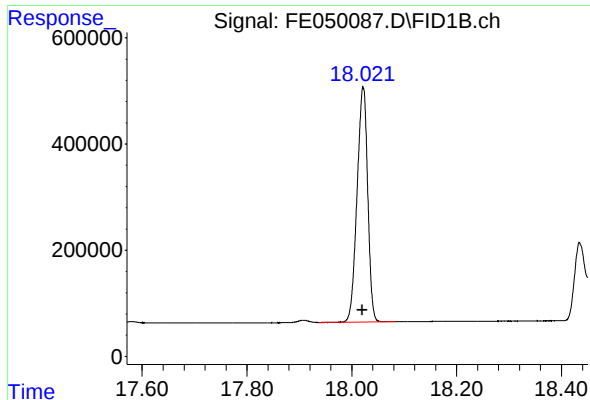
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.002 min
Response: 6065901
Conc: 47.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.133 min
Delta R.T.: 0.000 min
Response: 6755855
Conc: 52.45 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.021 min
Delta R.T.: 0.001 min
Response: 6241179
Conc: 46.67 ug/ml

Instrument :

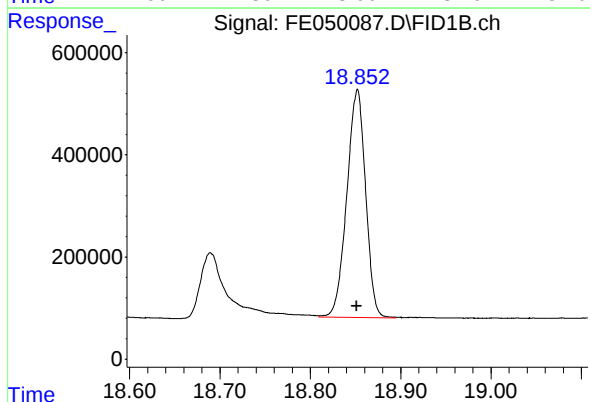
FID_E

ClientSampleId :

PB163373BS

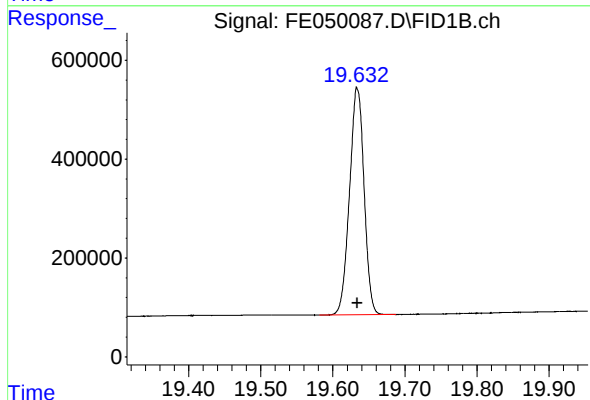
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



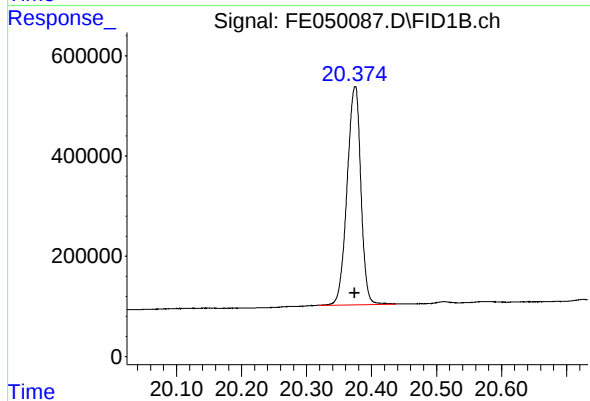
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 6439247
Conc: 48.32 ug/ml m



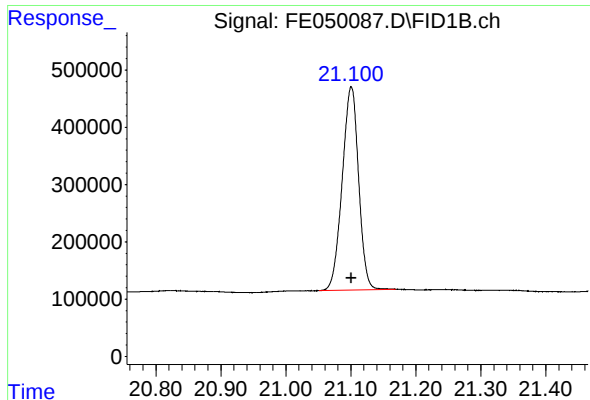
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: 0.000 min
Response: 6460789
Conc: 52.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: 0.000 min
Response: 6423933
Conc: 57.90 ug/ml m



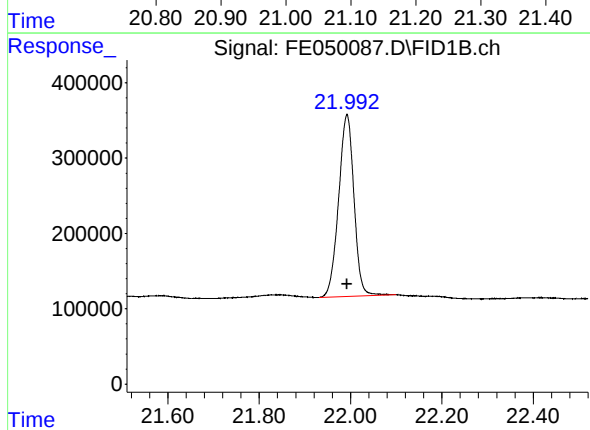
#21 n-Octatriacontane (C38)

R.T.: 21.100 min
Delta R.T.: 0.000 min
Response: 6232800
Conc: 56.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163373BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :Ankita Jodhani 09/16/2024



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 5640088
Conc: 51.83 ug/ml