

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049140.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2024 20:19
 Operator : YP\AJ
 Sample : PB162082BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB162082BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:39:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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			
12) S 1-chlorooctadecane (S...	13.355	4391072	34.148 ug/ml
Spiked Amount 50.000		Recovery =	68.30%
Target Compounds			
1) T n-Nonane (C9)	3.305	4149964	27.603 ug/ml
2) T n-Decane (C10)	4.555	5207394	33.838 ug/ml
4) T n-Dodecane (C12)	6.722	5713101	37.008 ug/ml
6) T n-Tetradecane (C14)	8.550	6257700	40.830 ug/ml
7) T n-Hexadecane (C16)	10.159	6760826	43.240 ug/ml
8) T n-Octadecane (C18)	11.602	7251005	45.465 ug/ml
10) T n-Eicosane (C20)	12.912	7636752	49.258 ug/ml
11) T n-Heneicosane (C21)	13.523	7456318	48.969 ug/ml
13) T n-Docosane (C22)	14.110	7439531	49.192 ug/ml
14) T n-Tetracosane (C24)	15.212	7448405	49.564 ug/ml
15) T n-Hexacosane (C26)	16.232	7429446	50.324 ug/ml
16) T n-Octacosane (C28)	17.180	7379102	51.167 ug/mlm
17) T n-Tricontane (C30)	18.068	7530613	51.474 ug/ml
18) T n-Dotriacontane (C32)	18.900	7644465	53.465 ug/ml
19) T n-Tetratriacontane (C34)	19.683	7798517	56.359 ug/mlm
20) T n-Hexatriacontane (C36)	20.422	7855246	60.440 ug/mlm
21) T n-Octatriacontane (C38)	21.159	8189464	63.883 ug/mlm
22) T n-Tetracontane (C40)	22.068	7965860	65.049 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
Data File : FE049140.D
Signal(s) : FID1B.ch
Acq On : 16 Jul 2024 20:19
Operator : YP\AJ
Sample : PB162082BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162082BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2024

Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e

Quant Time: Jul 17 01:39:29 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 2024

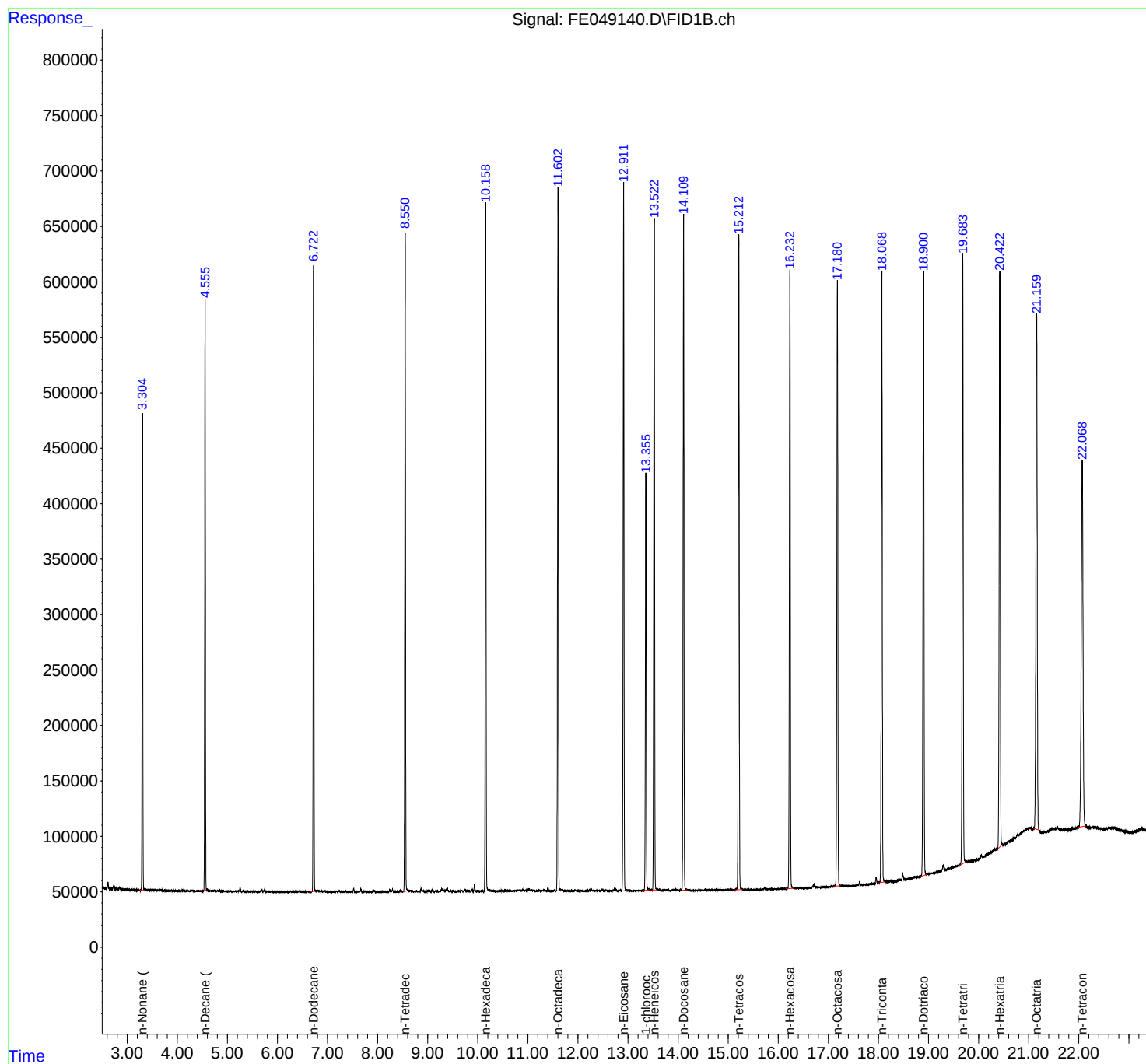
Response via : Initial Calibration

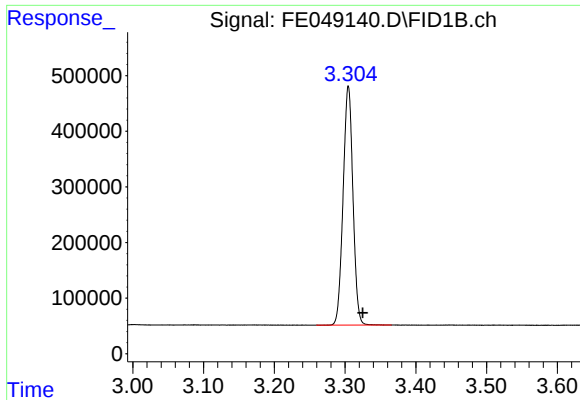
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.020 min
Response: 4149964
Conc: 27.60 ug/ml

Instrument :

FID_E

ClientSampleId :

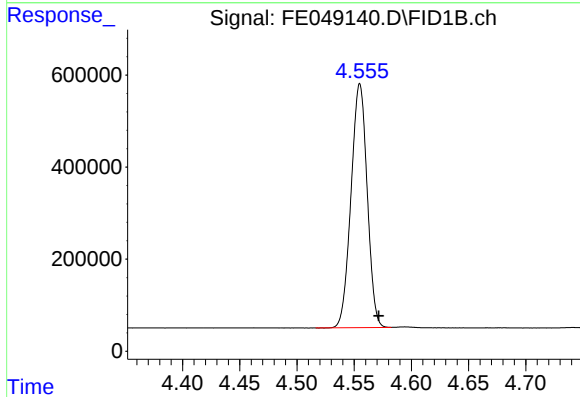
PB162082BS

Manual Integrations

APPROVED

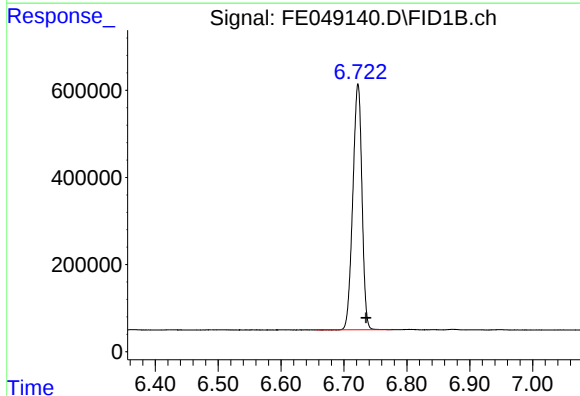
Reviewed By :Yogesh Patel 07/17/2024

Supervised By :Ankita Jodhani 07/17/2024



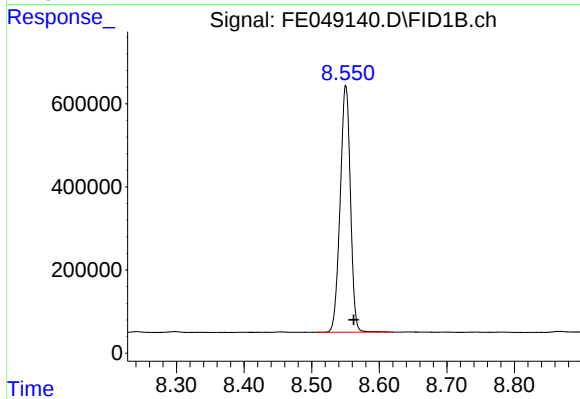
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.017 min
Response: 5207394
Conc: 33.84 ug/ml



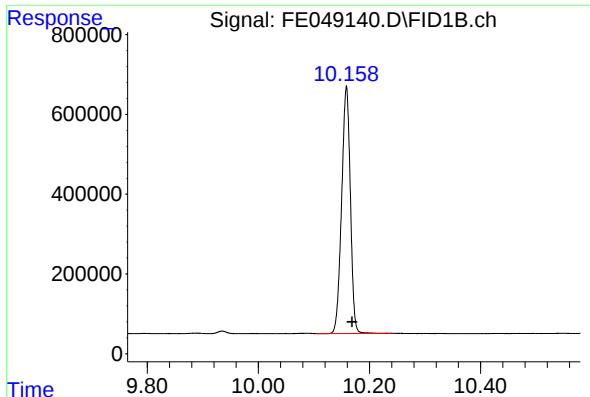
#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.013 min
Response: 5713101
Conc: 37.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.012 min
Response: 6257700
Conc: 40.83 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.010 min
Response: 6760826
Conc: 43.24 ug/ml

Instrument :

FID_E

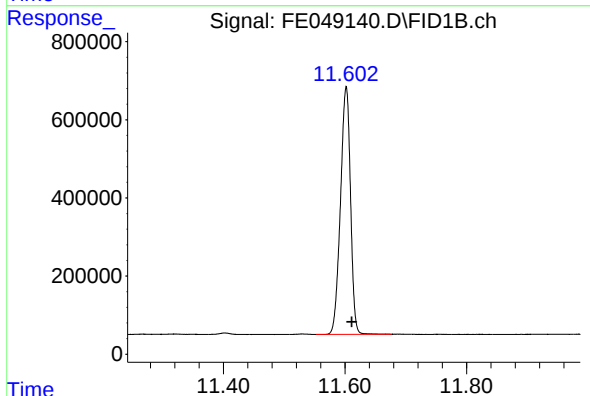
ClientSampleId :

PB162082BS

Manual Integrations

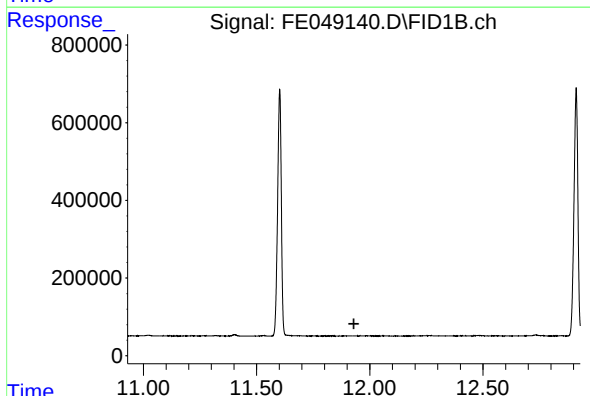
APPROVED

Reviewed By :Yogesh Patel 07/17/2024
Supervised By :Ankita Jodhani 07/17/2024



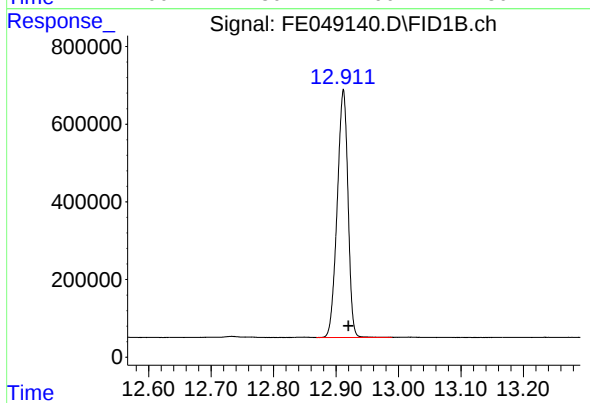
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.009 min
Response: 7251005
Conc: 45.46 ug/ml



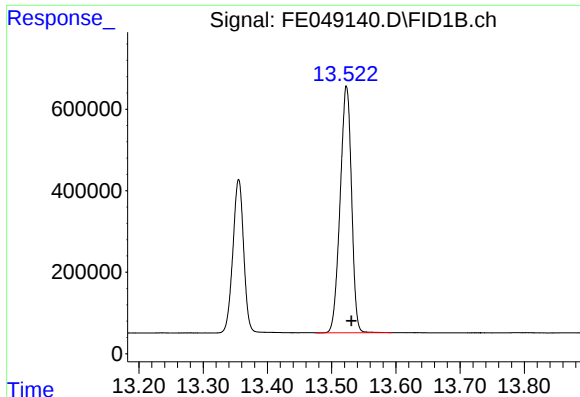
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.930 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.008 min
Response: 7636752
Conc: 49.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.008 min
Response: 7456318
Conc: 48.97 ug/ml

Instrument :

FID_E

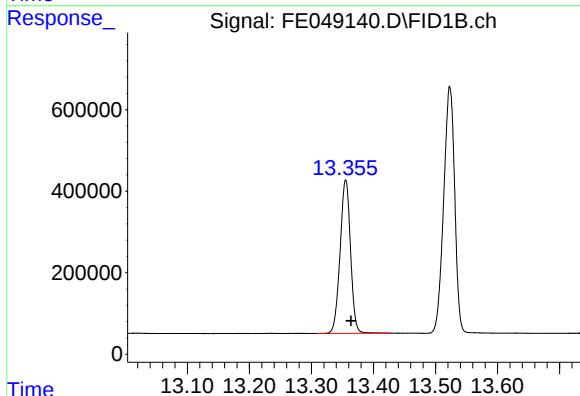
ClientSampleId :

PB162082BS

Manual Integrations

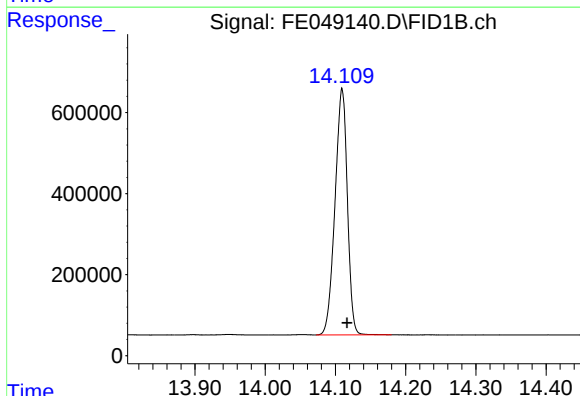
APPROVED

Reviewed By :Yogesh Patel 07/17/2024
Supervised By :Ankita Jodhani 07/17/2024



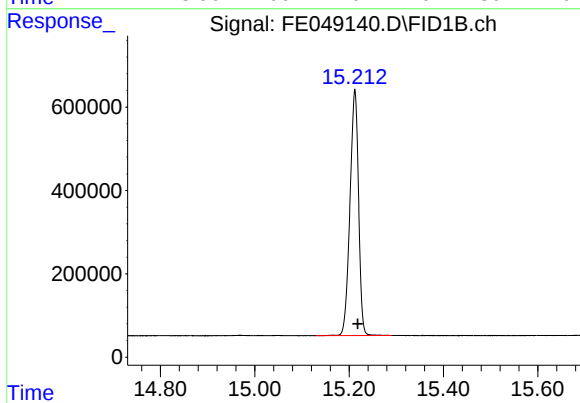
#12 1-chlorooctadecane (SURR)

R.T.: 13.355 min
Delta R.T.: -0.008 min
Response: 4391072
Conc: 34.15 ug/ml



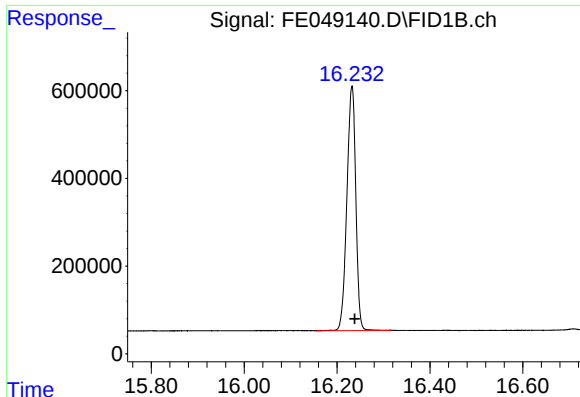
#13 n-Docosane (C22)

R.T.: 14.110 min
Delta R.T.: -0.007 min
Response: 7439531
Conc: 49.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.006 min
Response: 7448405
Conc: 49.56 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.006 min
Response: 7429446
Conc: 50.32 ug/ml

Instrument :

FID_E

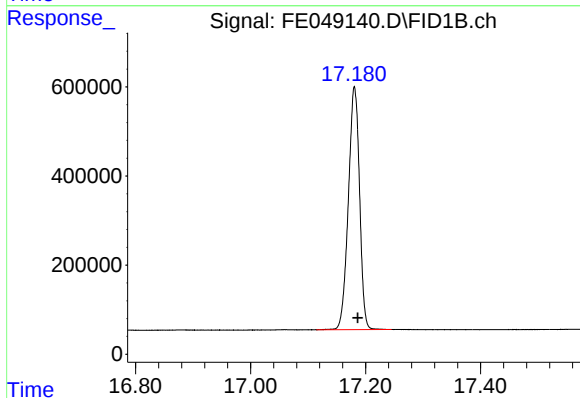
ClientSampleId :

PB162082BS

Manual Integrations

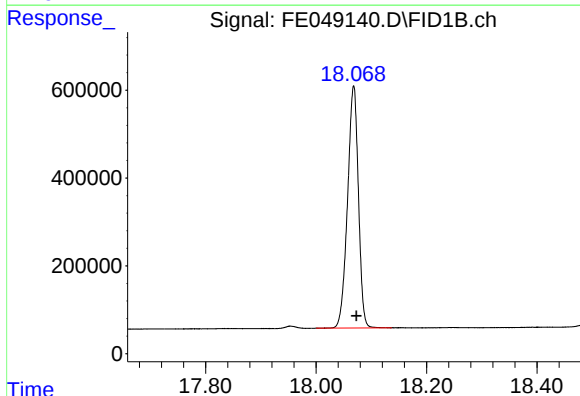
APPROVED

Reviewed By :Yogesh Patel 07/17/2024
Supervised By :Ankita Jodhani 07/17/2024



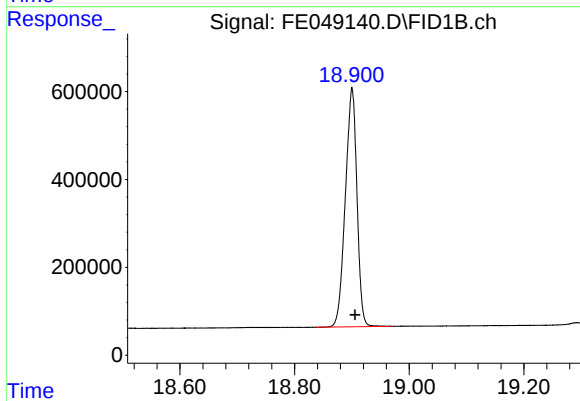
#16 n-Octacosane (C28)

R.T.: 17.180 min
Delta R.T.: -0.006 min
Response: 7379102
Conc: 51.17 ug/ml m



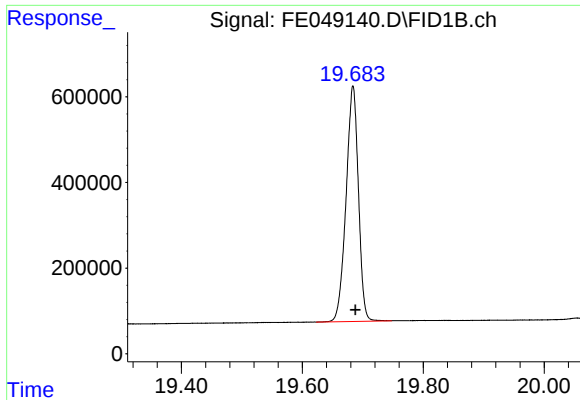
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.005 min
Response: 7530613
Conc: 51.47 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.005 min
Response: 7644465
Conc: 53.47 ug/ml



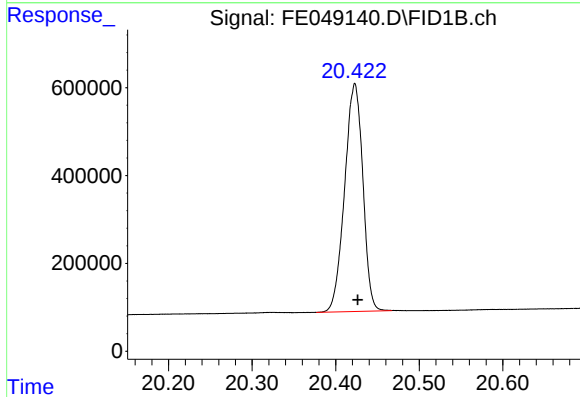
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.005 min
Response: 7798517
Conc: 56.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PB162082BS

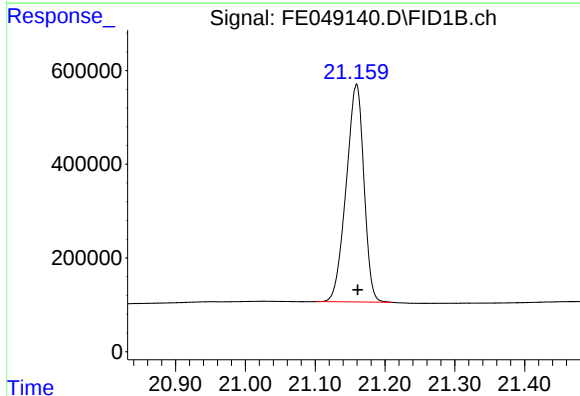
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2024
Supervised By :Ankita Jodhani 07/17/2024



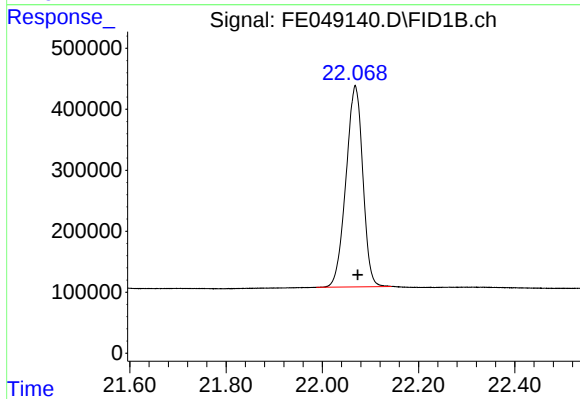
#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.004 min
Response: 7855246
Conc: 60.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.002 min
Response: 8189464
Conc: 63.88 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.068 min
Delta R.T.: -0.006 min
Response: 7965860
Conc: 65.05 ug/ml m