

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041789.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2023 16:31
 Operator : YP\AJ
 Sample : 02652-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CLAY-LINERMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/09/2023

Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e

Quant Time: May 09 01:41:17 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 2023

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)	12.002	6803374	36.264 ug/mlm
Spiked Amount 50.000		Recovery =	72.53%
12) S 1-chlorooctadecane (S...	13.442	5289767	37.445 ug/mlm
Spiked Amount 50.000		Recovery =	74.89%
Target Compounds			
1) T n-Nonane (C9)	3.353	4229826	28.775 ug/ml
2) T n-Decane (C10)	4.606	4876410	32.514 ug/ml
3) T A~Naphthalene (C11.7)	6.311	6007656	36.302 ug/ml
4) T n-Dodecane (C12)	6.774	6026375	39.636 ug/ml
5) T A~2-methylnaphthalene...	7.408	6668363	41.355 ug/ml
6) T n-Tetradecane (C14)	8.610	7201249	47.407 ug/mlm
7) T n-Hexadecane (C16)	10.229	7681954	48.137 ug/mlm
8) T n-Octadecane (C18)	11.689	7965673	48.597 ug/mlm
10) T n-Eicosane (C20)	13.001	8194216	50.945 ug/mlm
11) T n-Heneicosane (C21)	13.608	7295303	45.776 ug/mlm
13) T n-Docosane (C22)	14.186	6965400	43.717 ug/mlm
14) T n-Tetracosane (C24)	15.277	12719410	78.895 ug/mlm
15) T n-Hexacosane (C26)	16.296	6411110	40.552 ug/mlm
16) T n-Octacosane (C28)	17.241	6310532	41.012 ug/mlm
17) T n-Tricontane (C30)	18.129	6216388	40.816 ug/ml
18) T n-Dotriacontane (C32)	18.959	6015717	40.380 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5929320	42.089 ug/ml
20) T n-Hexatriacontane (C36)	20.482	5645535	42.216 ug/ml
21) T n-Octatriacontane (C38)	21.235	5732876	43.387 ug/ml
22) T n-Tetracontane (C40)	22.174	5929844	46.835 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
Data File : FE041789.D
Signal(s) : FID1B.ch
Acq On : 08 May 2023 16:31
Operator : YP\AJ
Sample : 02652-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

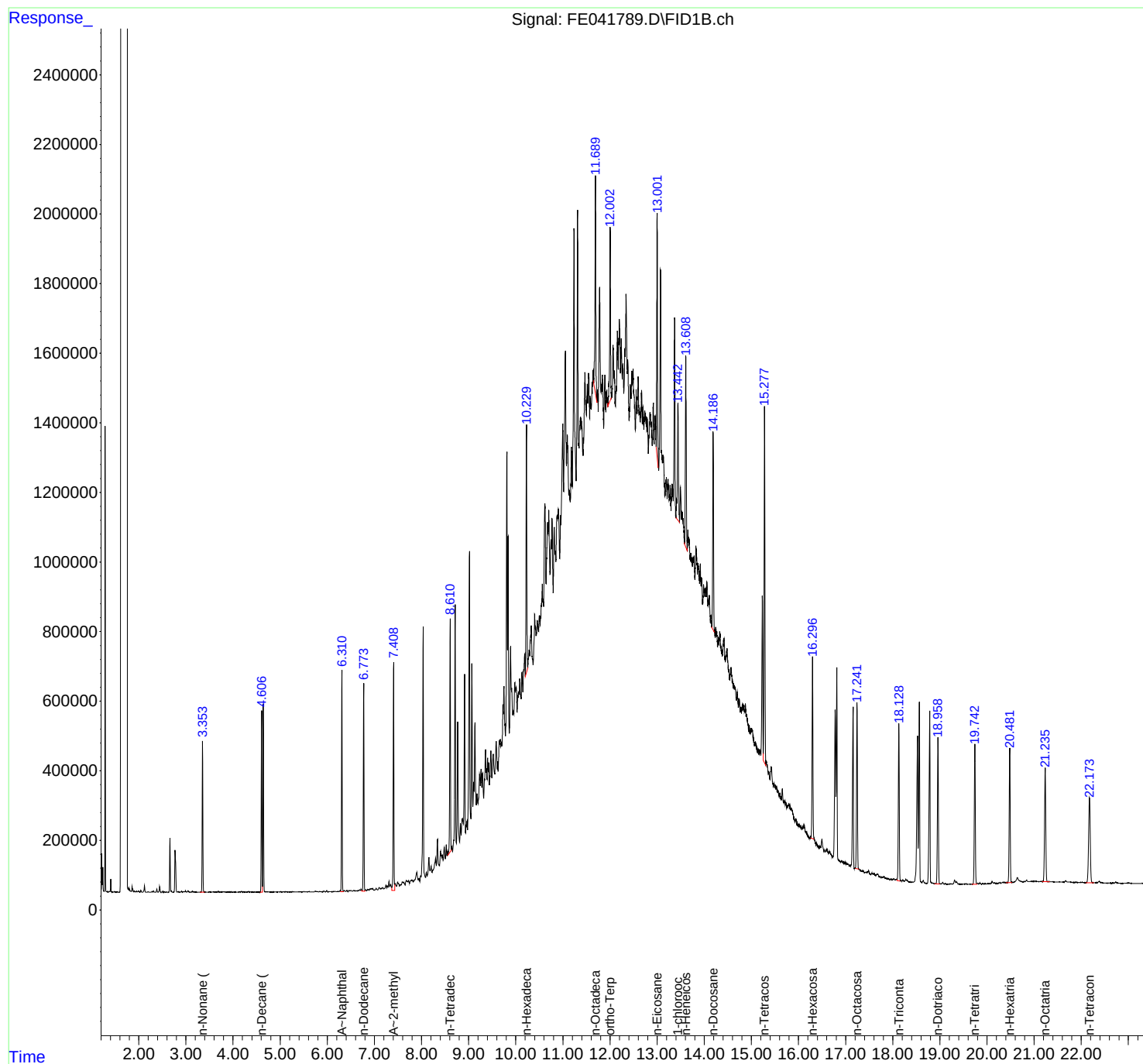
Instrument :
FID_E
ClientSampleId :
CLAY-LINERMSD

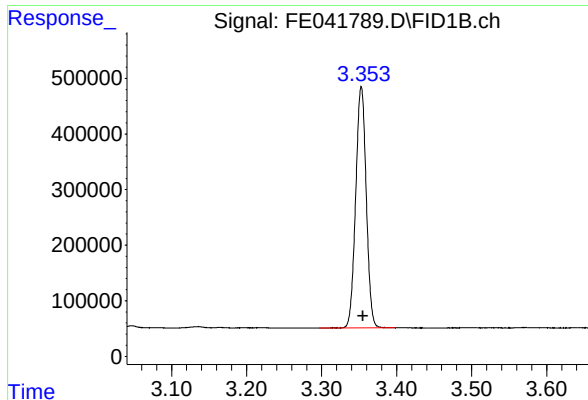
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e
Quant Time: May 09 01:41:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
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.: 3.353 min
Delta R.T.: -0.002 min
Response: 4229826
Conc: 28.78 ug/ml

Instrument :

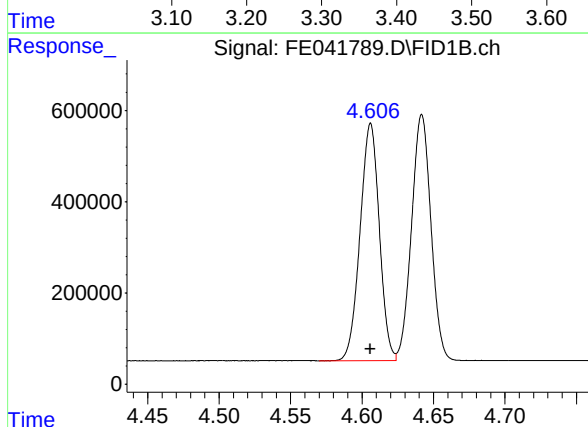
FID_E

ClientSampleId :

CLAY-LINERMSD

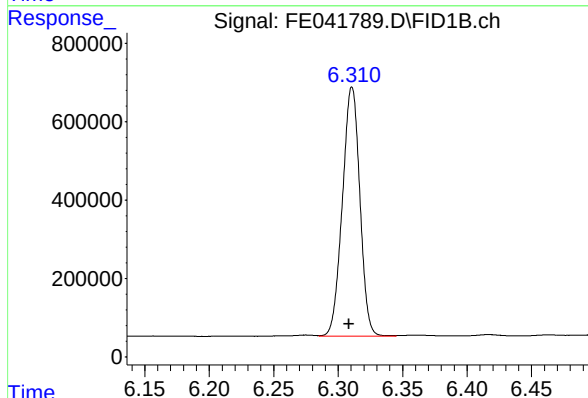
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



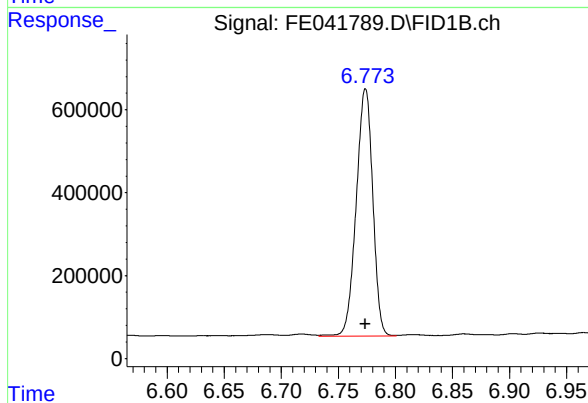
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 4876410
Conc: 32.51 ug/ml



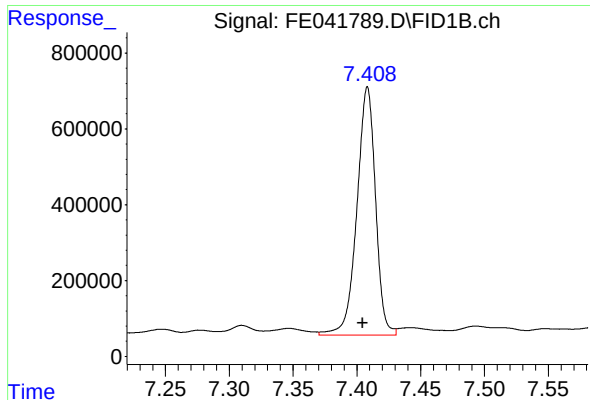
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 6007656
Conc: 36.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 6026375
Conc: 39.64 ug/ml



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

R.T.: 7.408 min
Delta R.T.: 0.004 min
Response: 6668363
Conc: 41.35 ug/ml

Instrument :

FID_E

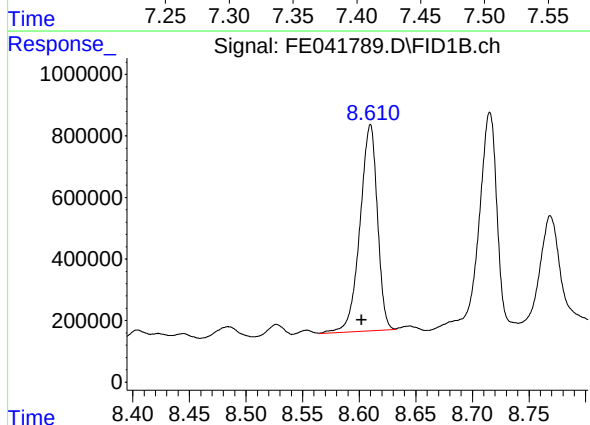
ClientSampleId :

CLAY-LINERMSD

Manual Integrations

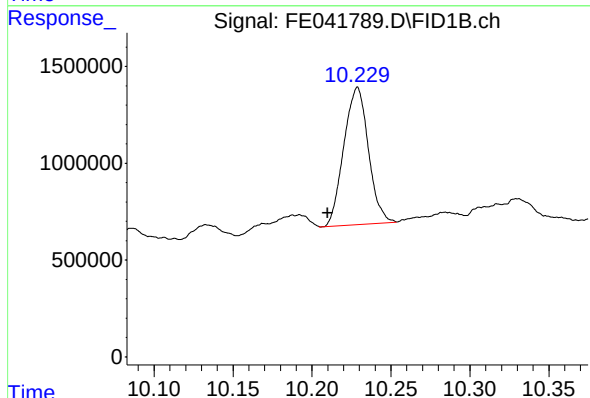
APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



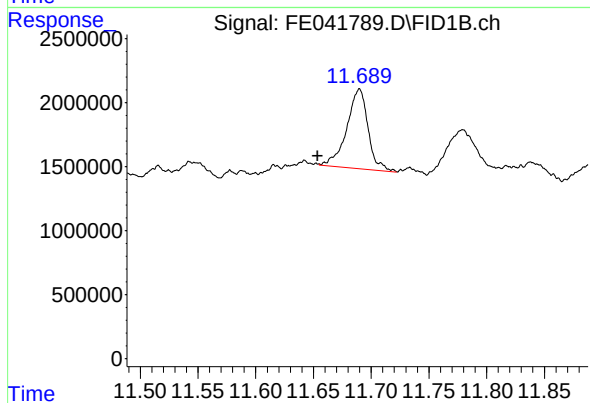
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.007 min
Response: 7201249
Conc: 47.41 ug/ml m



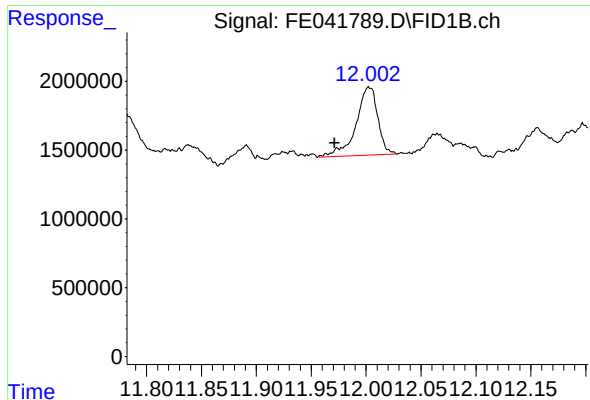
#7 n-Hexadecane (C16)

R.T.: 10.229 min
Delta R.T.: 0.019 min
Response: 7681954
Conc: 48.14 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.689 min
Delta R.T.: 0.036 min
Response: 7965673
Conc: 48.60 ug/ml m



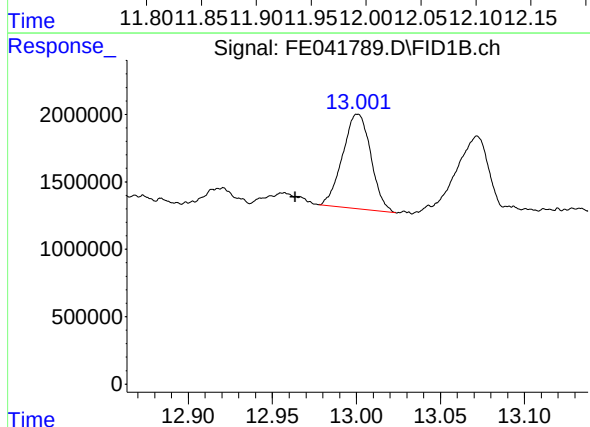
#9 ortho-Terphenyl (SURR)

R.T.: 12.002 min
Delta R.T.: 0.030 min
Response: 6803374
Conc: 36.26 ug/ml

Instrument :
FID_E
ClientSampleId :
CLAY-LINERMSD

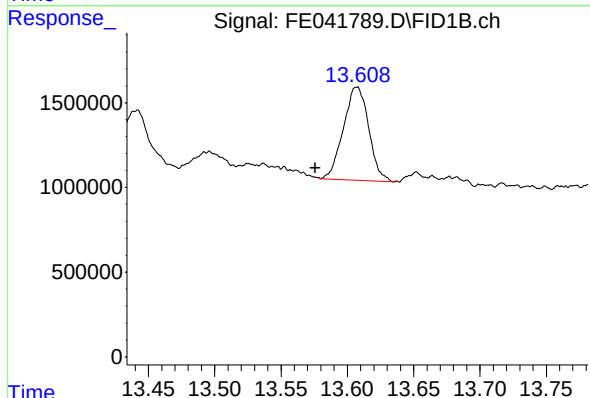
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



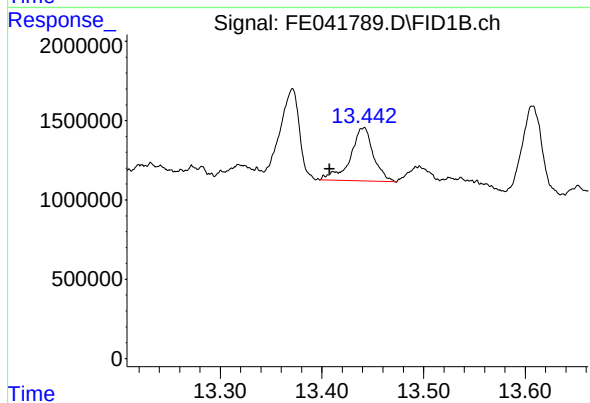
#10 n-Eicosane (C20)

R.T.: 13.001 min
Delta R.T.: 0.037 min
Response: 8194216
Conc: 50.94 ug/ml m



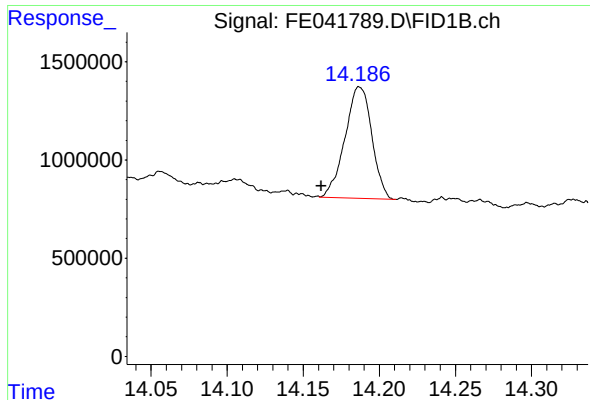
#11 n-Heneicosane (C21)

R.T.: 13.608 min
Delta R.T.: 0.032 min
Response: 7295303
Conc: 45.78 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.442 min
Delta R.T.: 0.034 min
Response: 5289767
Conc: 37.44 ug/ml m



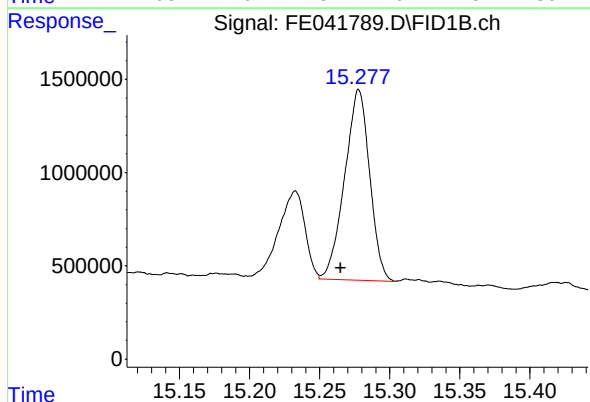
#13 n-Docosane (C22)

R.T.: 14.186 min
Delta R.T.: 0.024 min
Response: 6965400
Conc: 43.72 ug/ml

Instrument :
FID_E
ClientSampleId :
CLAY-LINERMSD

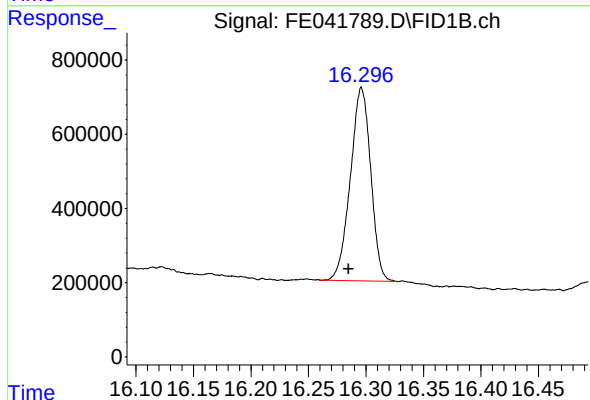
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



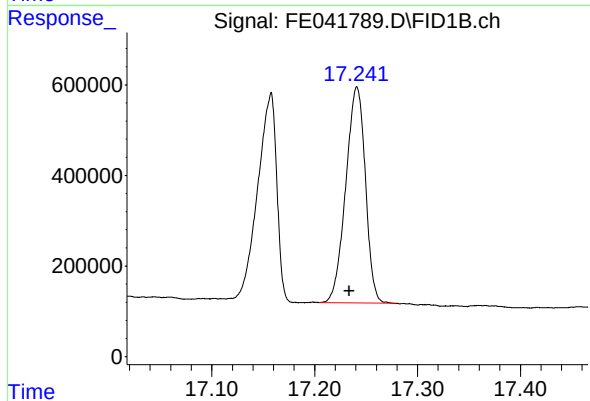
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: 0.012 min
Response: 12719410
Conc: 78.89 ug/ml m



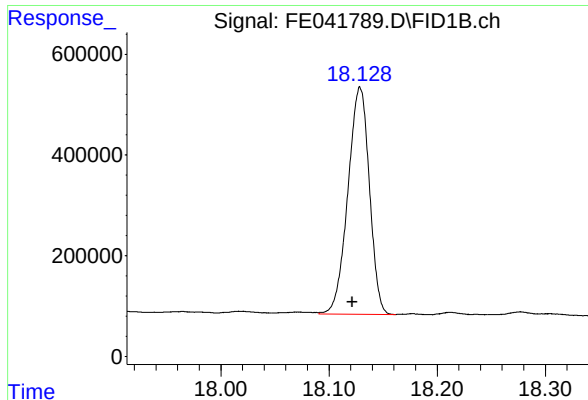
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.011 min
Response: 6411110
Conc: 40.55 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 6310532
Conc: 41.01 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.007 min
Response: 6216388
Conc: 40.82 ug/ml

Instrument :

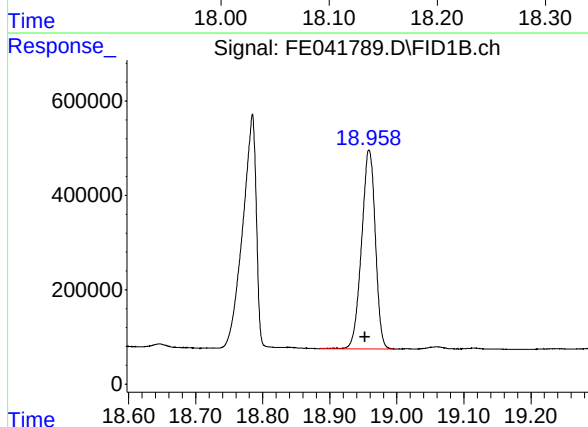
FID_E

ClientSampleId :

CLAY-LINERMSD

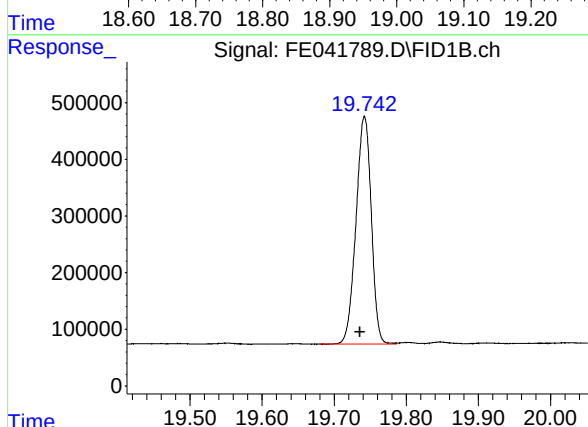
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



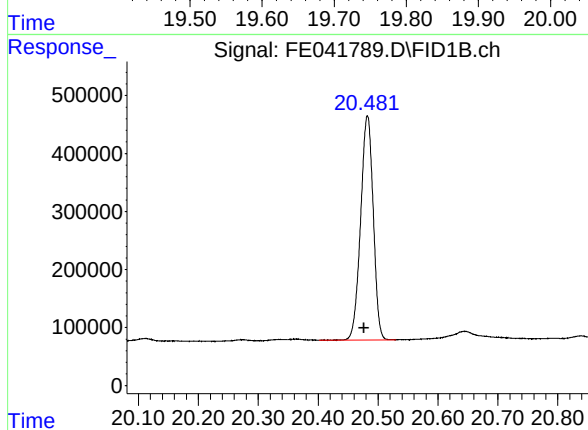
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.006 min
Response: 6015717
Conc: 40.38 ug/ml



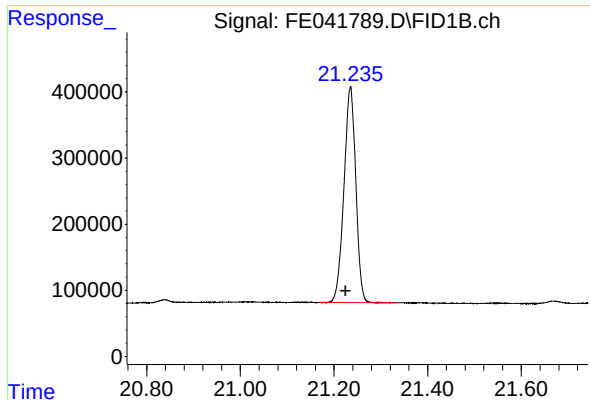
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.006 min
Response: 5929320
Conc: 42.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.006 min
Response: 5645535
Conc: 42.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: 0.010 min
Response: 5732876
Conc: 43.39 ug/ml

Instrument :

FID_E

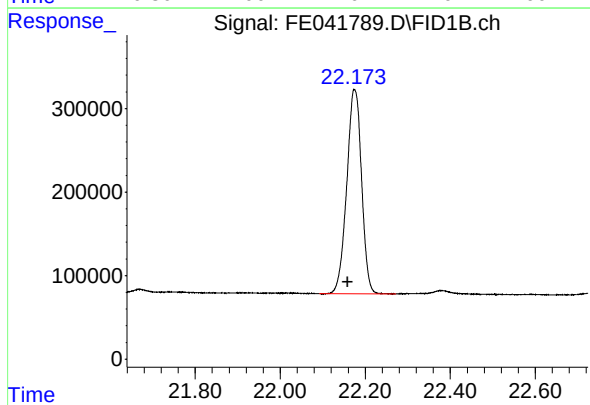
ClientSampleId :

CLAY-LINERMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: 0.016 min
Response: 5929844
Conc: 46.84 ug/ml