

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
 Data File : FE041309.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2023 17:34
 Operator : YP\AJ
 Sample : PB152036BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152036BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/12/2023

Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e

Quant Time: Apr 12 00:20:45 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.838	7068616	37.611 ug/ml
Spiked Amount 50.000		Recovery =	75.22%
12) S 1-chlorooctadecane (S...	13.277	5838119	40.576 ug/ml
Spiked Amount 50.000		Recovery =	81.15%
Target Compounds			
1) T n-Nonane (C9)	3.247	5469218	31.520 ug/ml
2) T n-Decane (C10)	4.488	5689064	33.422 ug/mlm
3) T A~Naphthalene (C11.7)	6.186	6481417	35.435 ug/ml
4) T n-Dodecane (C12)	6.649	6415530	36.985 ug/ml
5) T A~2-methylnaphthalene...	7.281	6516694	39.349 ug/ml
6) T n-Tetradecane (C14)	8.477	6965913	39.950 ug/ml
7) T n-Hexadecane (C16)	10.082	7424790	41.747 ug/ml
8) T n-Octadecane (C18)	11.524	7426200	41.591 ug/ml
10) T n-Eicosane (C20)	12.833	7357168	43.132 ug/ml
11) T n-Heneicosane (C21)	13.444	6985757	41.291 ug/ml
13) T n-Docosane (C22)	14.031	6880884	41.580 ug/ml
14) T n-Tetracosane (C24)	15.130	13260840	81.965 ug/ml
15) T n-Hexacosane (C26)	16.158	6526178	42.100 ug/ml
16) T n-Octacosane (C28)	17.108	6843668	44.677 ug/ml
17) T n-Tricontane (C30)	18.000	6435490	42.102 ug/ml
18) T n-Dotriacontane (C32)	18.832	6492715	41.586 ug/mlm
19) T n-Tetratriacontane (C34)	19.616	6503341	41.966 ug/mlm
20) T n-Hexatriacontane (C36)	20.358	6527712	42.974 ug/ml
21) T n-Octatriacontane (C38)	21.082	6663482	42.655 ug/mlm
22) T n-Tetracontane (C40)	21.962	6825239	42.763 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041123AL\
Data File : FE041309.D
Signal(s) : FID1B.ch
Acq On : 11 Apr 2023 17:34
Operator : YP\AJ
Sample : PB152036BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

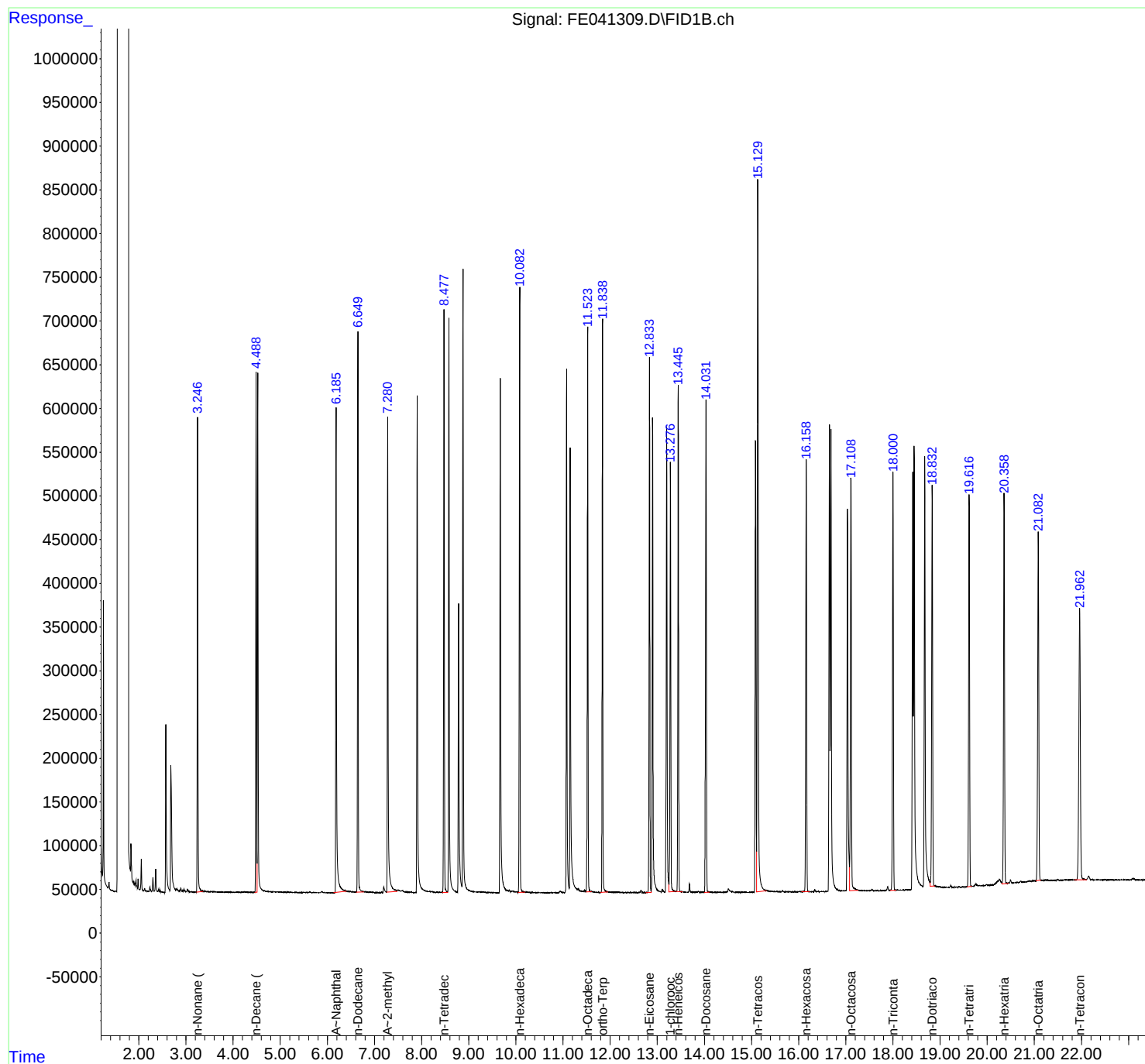
Instrument :
FID_E
ClientSampleId :
PB152036BSD

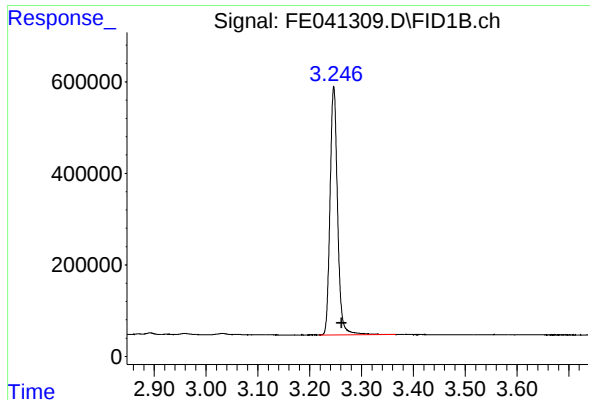
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023

Integration File: autoint1.e
Quant Time: Apr 12 00:20:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.
Quant Title : GC Extractables
QLast Update : Sat Mar 25 06:32:15 2023
Response via : Initial Calibration
Integrator: ChemStation

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





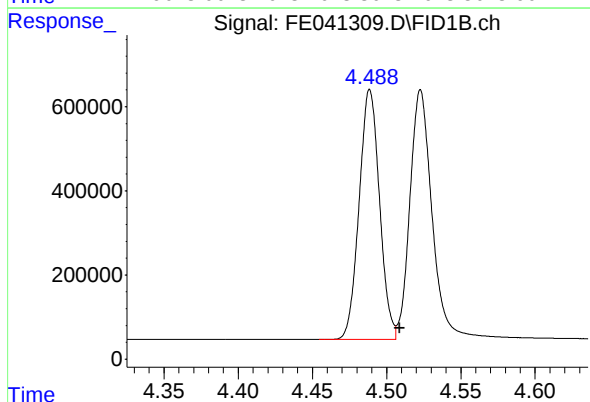
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.015 min
Response: 5469218
Conc: 31.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152036BSD

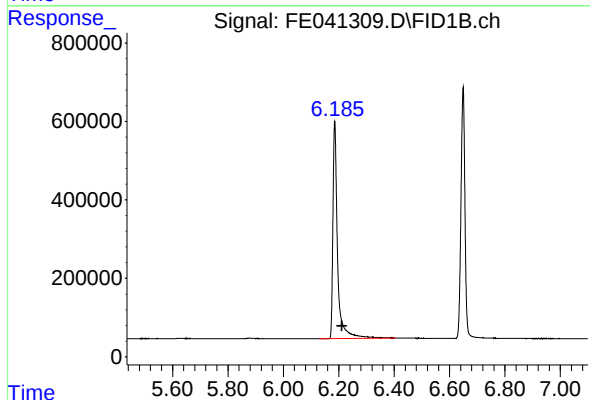
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



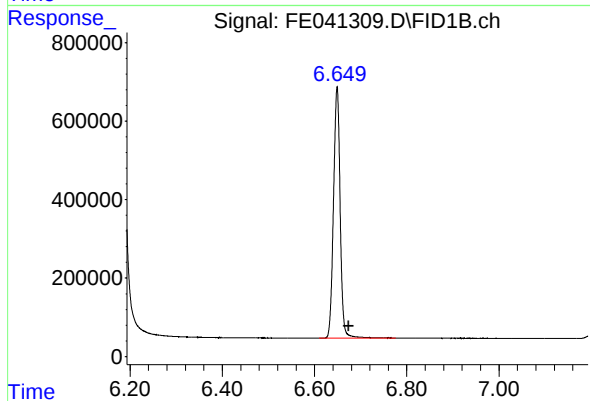
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.021 min
Response: 5689064
Conc: 33.42 ug/ml



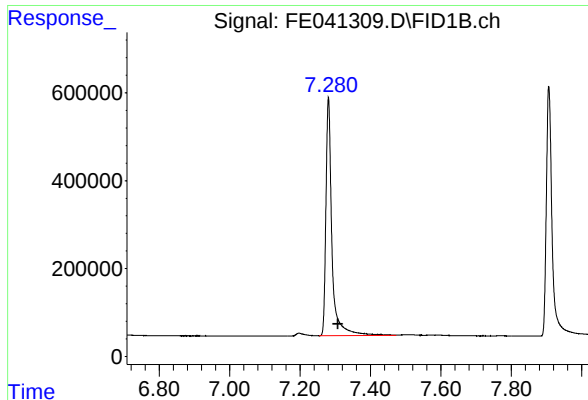
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 6481417
Conc: 35.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.025 min
Response: 6415530
Conc: 36.99 ug/ml



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

R.T.: 7.281 min
Delta R.T.: -0.027 min
Response: 6516694
Conc: 39.35 ug/ml

Instrument :

FID_E

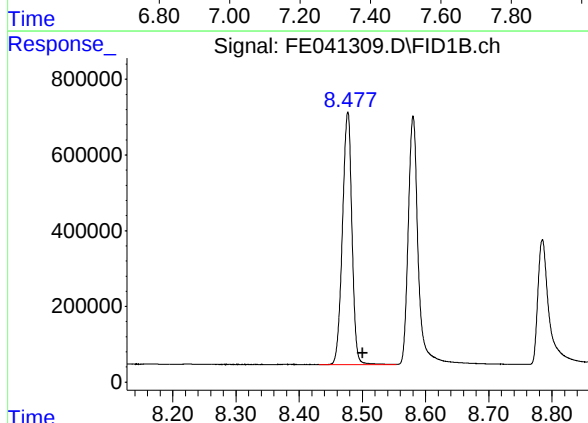
ClientSampleId :

PB152036BSD

Manual Integrations

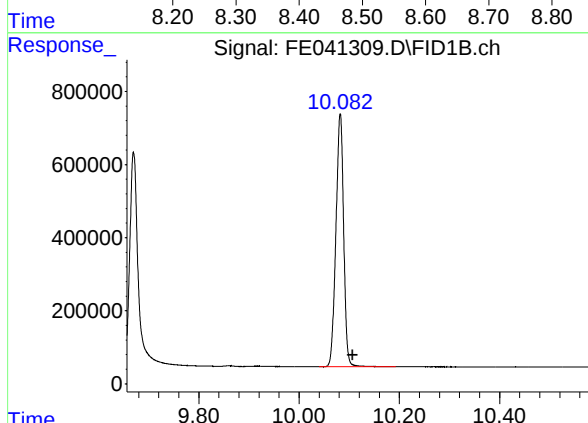
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



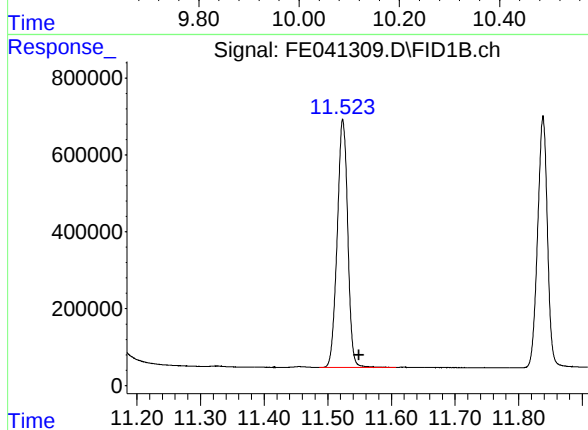
#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.023 min
Response: 6965913
Conc: 39.95 ug/ml



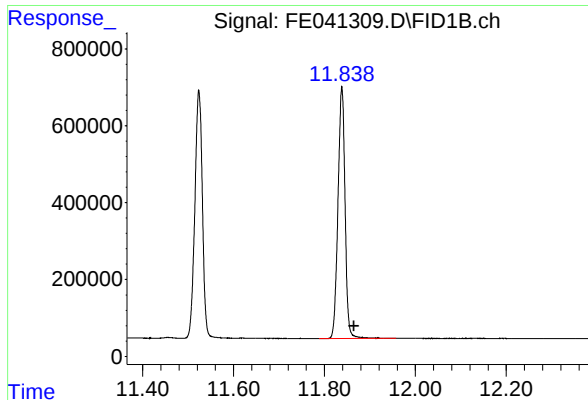
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.024 min
Response: 7424790
Conc: 41.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.026 min
Response: 7426200
Conc: 41.59 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.027 min
Response: 7068616
Conc: 37.61 ug/ml

Instrument :

FID_E

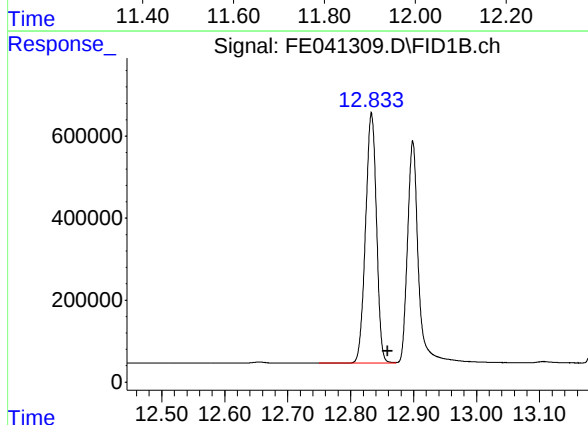
ClientSampleId :

PB152036BSD

Manual Integrations

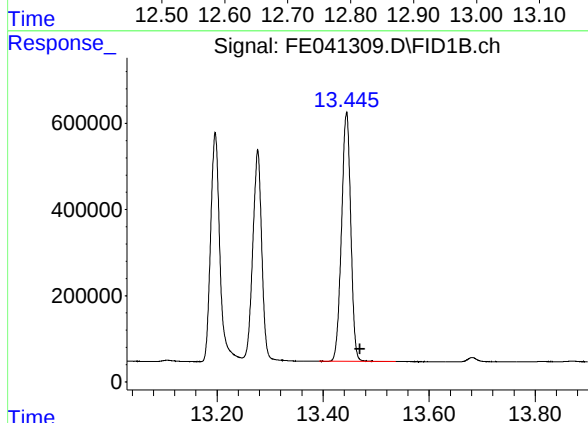
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



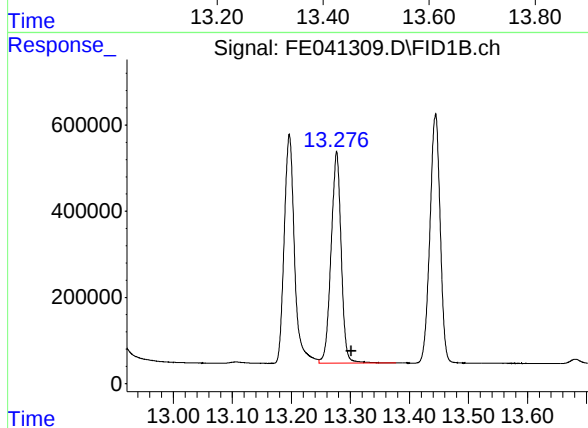
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.025 min
Response: 7357168
Conc: 43.13 ug/ml



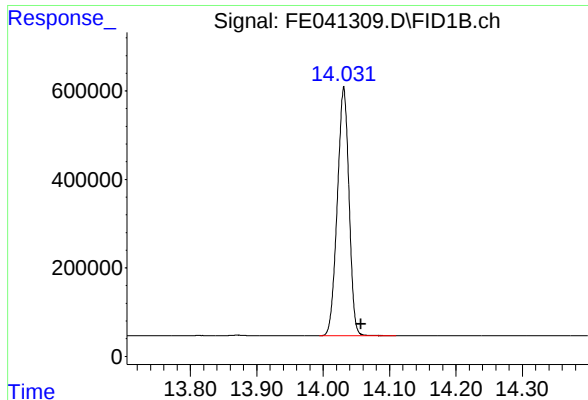
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.025 min
Response: 6985757
Conc: 41.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.025 min
Response: 5838119
Conc: 40.58 ug/ml



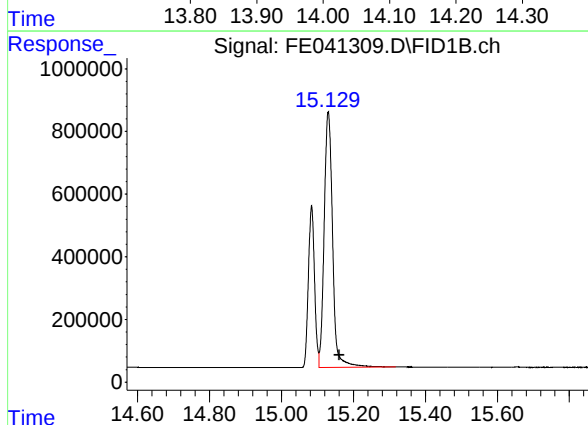
#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.026 min
Response: 6880884
Conc: 41.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152036BSD

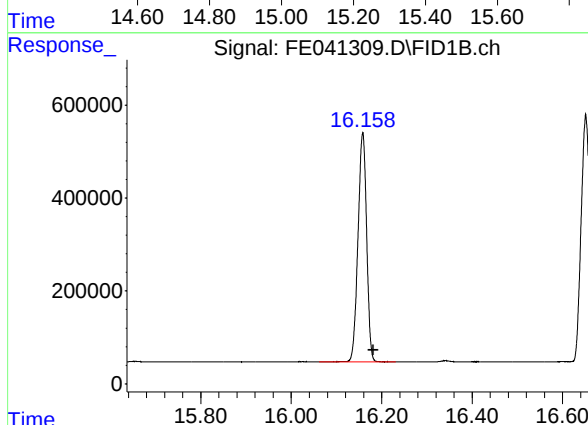
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



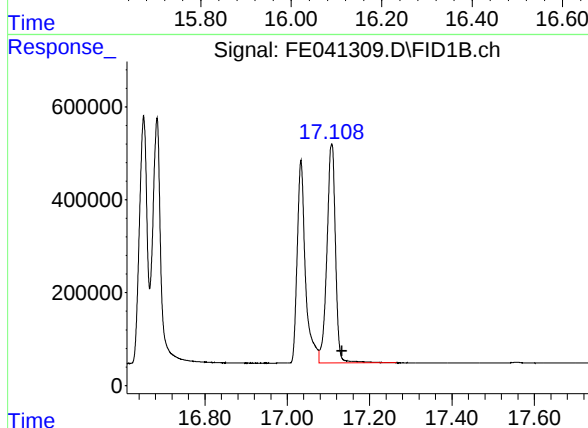
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.031 min
Response: 13260840
Conc: 81.97 ug/ml



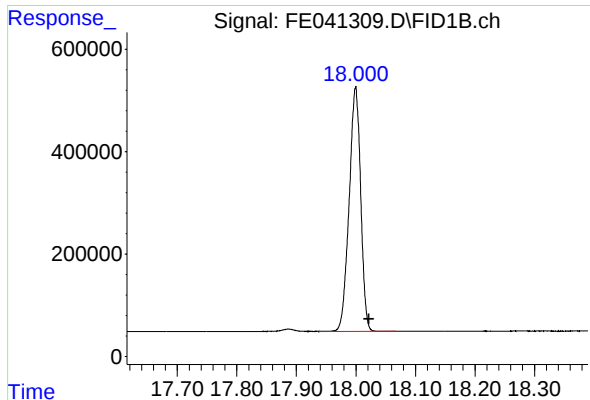
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 6526178
Conc: 42.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.025 min
Response: 6843668
Conc: 44.68 ug/ml



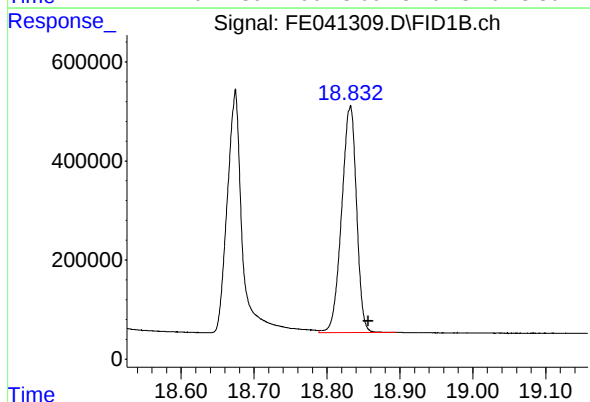
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.023 min
Response: 6435490
Conc: 42.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152036BSD

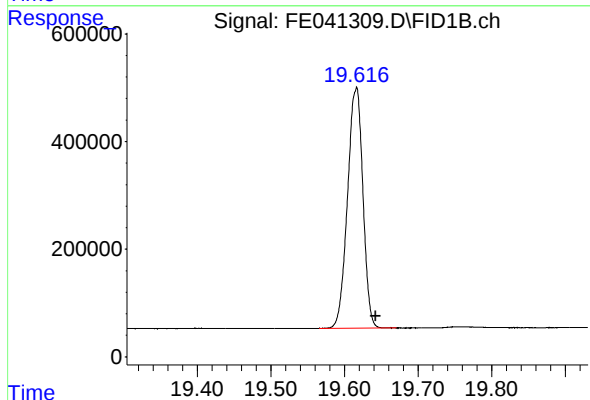
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



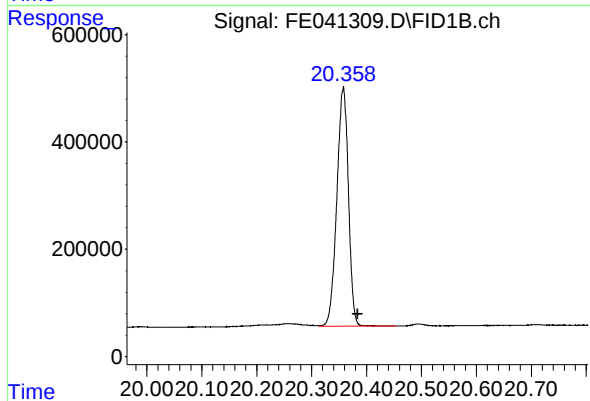
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.024 min
Response: 6492715
Conc: 41.59 ug/ml m



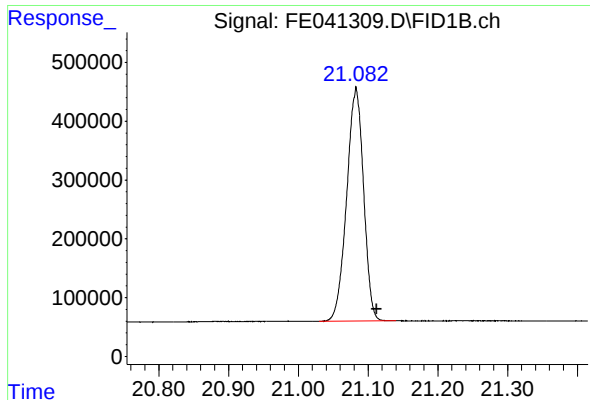
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.026 min
Response: 6503341
Conc: 41.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.026 min
Response: 6527712
Conc: 42.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.030 min
Response: 6663482
Conc: 42.65 ug/ml

Instrument :

FID_E

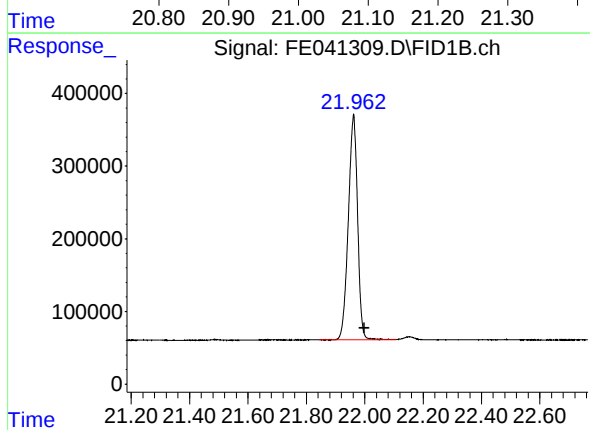
ClientSampleId :

PB152036BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2023
Supervised By :Ankita Jodhani 04/12/2023



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.036 min
Response: 6825239
Conc: 42.76 ug/ml