

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
 Data File : FE041288.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2023 22:56
 Operator : YP\AJ
 Sample : 02260-07MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-1CMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/11/2023

Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e

Quant Time: Apr 11 04:05:04 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)	11.837	4274760	22.745 ug/ml
Spiked Amount 50.000		Recovery =	45.49%
12) S 1-chlorooctadecane (S...	13.276	3651533	25.379 ug/ml
Spiked Amount 50.000		Recovery =	50.76%
Target Compounds			
1) T n-Nonane (C9)	3.241	4627100	26.667 ug/ml
2) T n-Decane (C10)	4.487	5204116	30.573 ug/mlm
3) T A~Naphthalene (C11.7)	6.186	5891549	32.210 ug/ml
4) T n-Dodecane (C12)	6.649	5874328	33.865 ug/ml
5) T A~2-methylnaphthalene...	7.281	5907783	35.672 ug/ml
6) T n-Tetradecane (C14)	8.476	6188359	35.491 ug/ml
7) T n-Hexadecane (C16)	10.082	6773189	38.083 ug/ml
8) T n-Octadecane (C18)	11.524	7031802	39.382 ug/ml
10) T n-Eicosane (C20)	12.834	7109392	41.679 ug/ml
11) T n-Heneicosane (C21)	13.445	6777930	40.062 ug/ml
13) T n-Docosane (C22)	14.030	6669051	40.300 ug/ml
14) T n-Tetracosane (C24)	15.129	12660994	78.258 ug/ml
15) T n-Hexacosane (C26)	16.158	6318732	40.762 ug/ml
16) T n-Octacosane (C28)	17.106	6346415	41.431 ug/mlm
17) T n-Tricontane (C30)	17.998	6186571	40.473 ug/ml
18) T n-Dotriacontane (C32)	18.829	6140616	39.331 ug/mlm
19) T n-Tetratriacontane (C34)	19.614	6147329	39.668 ug/mlm
20) T n-Hexatriacontane (C36)	20.354	6101980	40.171 ug/ml
21) T n-Octatriacontane (C38)	21.080	6301112	40.335 ug/mlm
22) T n-Tetracontane (C40)	21.958	6567005	41.145 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
Data File : FE041288.D
Signal(s) : FID1B.ch
Acq On : 10 Apr 2023 22:56
Operator : YP\AJ
Sample : 02260-07MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

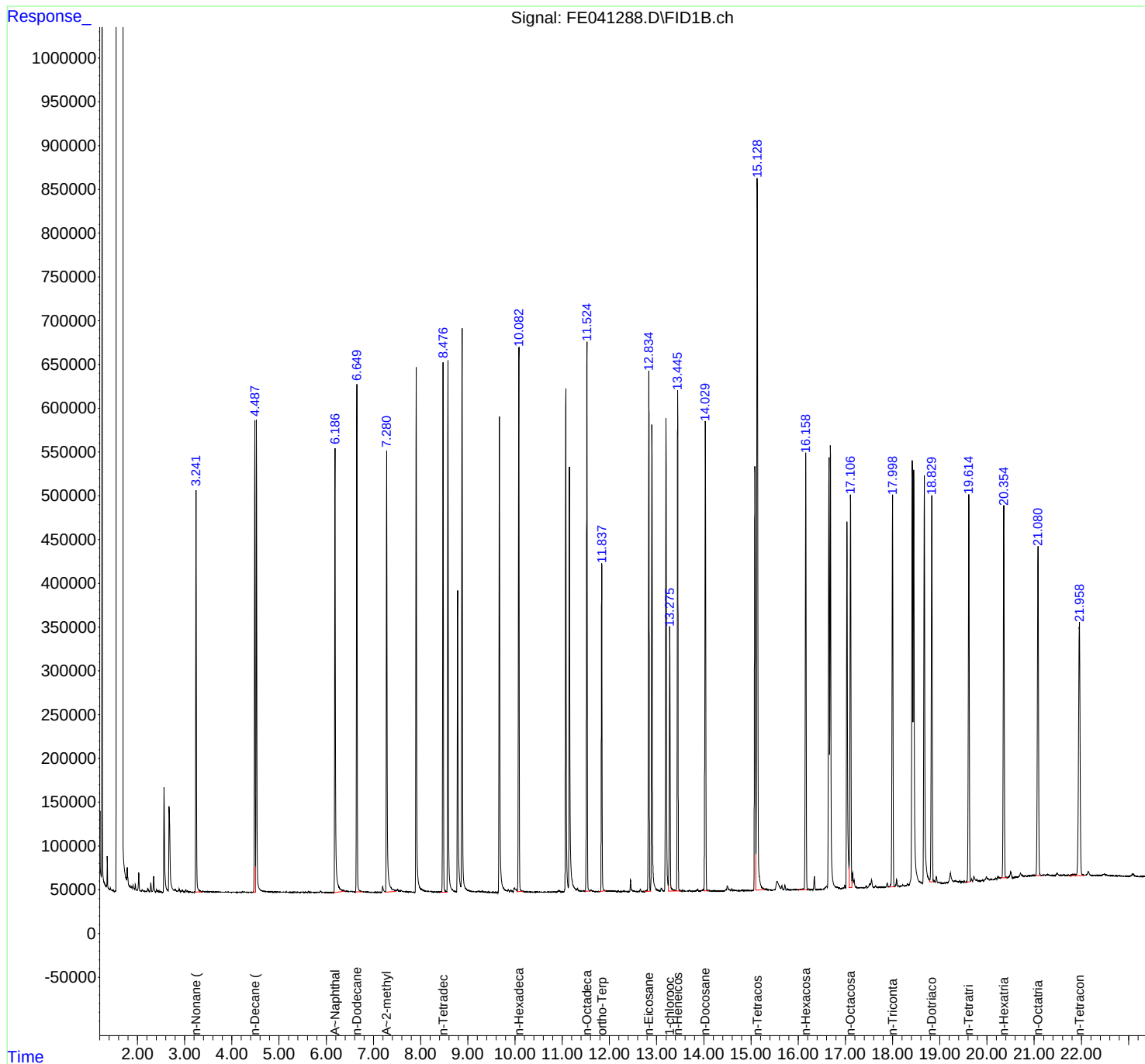
Instrument :
FID_E
ClientSampleId :
SP-1CMS

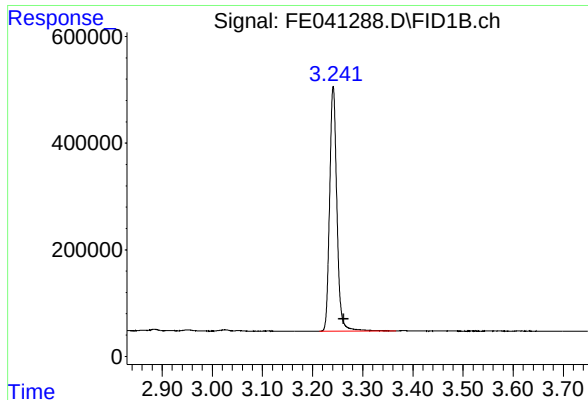
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
Quant Time: Apr 11 04:05:04 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





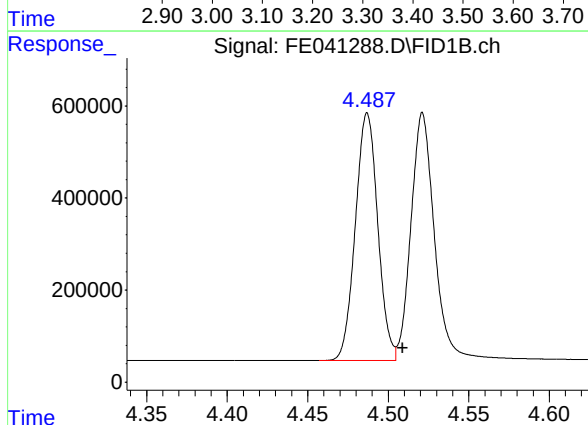
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: -0.021 min
Response: 4627100
Conc: 26.67 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-1CMS

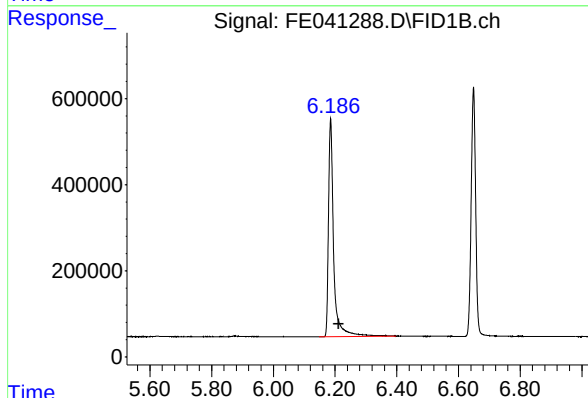
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



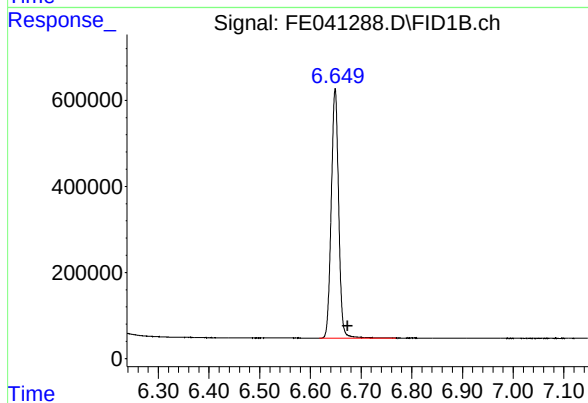
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.022 min
Response: 5204116
Conc: 30.57 ug/ml



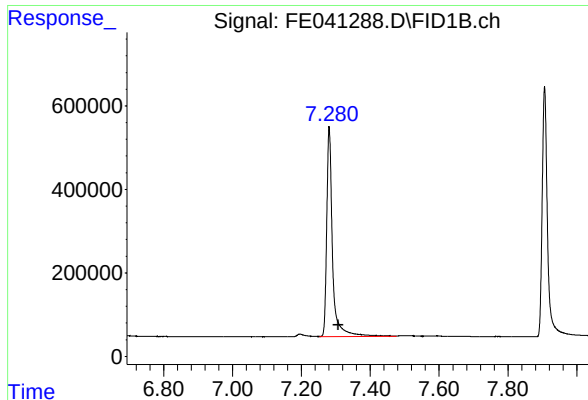
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 5891549
Conc: 32.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.025 min
Response: 5874328
Conc: 33.87 ug/ml



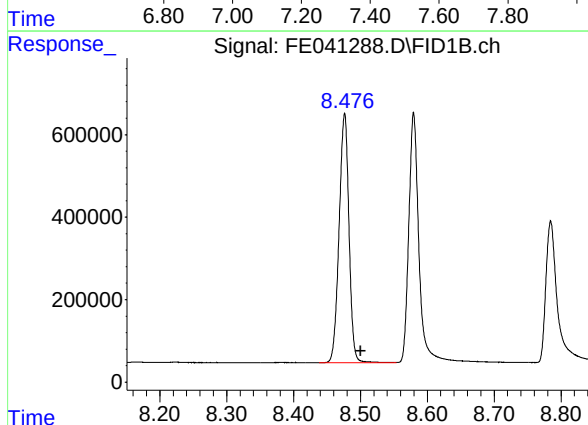
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.281 min
Delta R.T.: -0.027 min
Response: 5907783
Conc: 35.67 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-1CMS

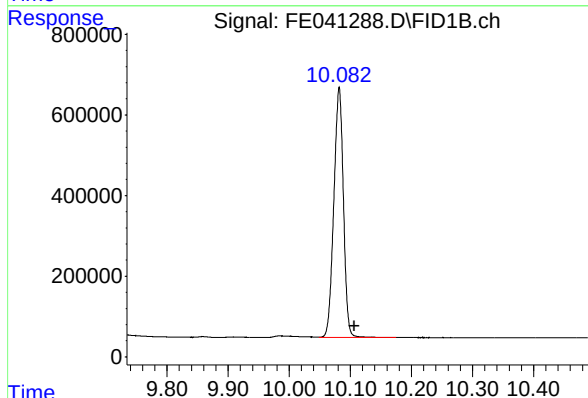
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



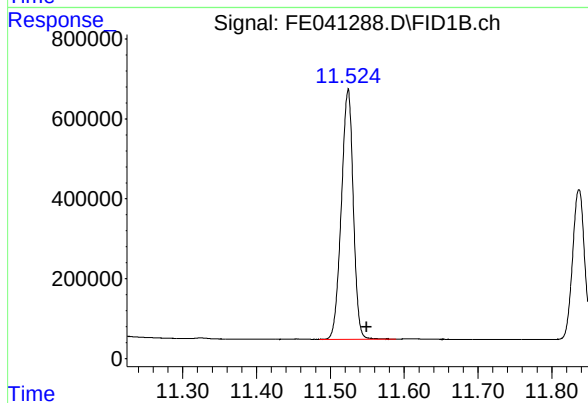
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.024 min
Response: 6188359
Conc: 35.49 ug/ml



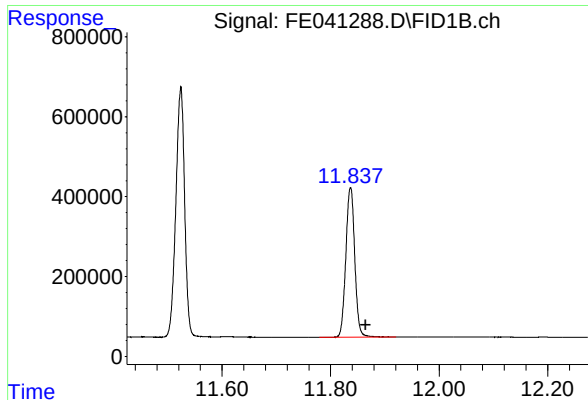
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.025 min
Response: 6773189
Conc: 38.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.025 min
Response: 7031802
Conc: 39.38 ug/ml



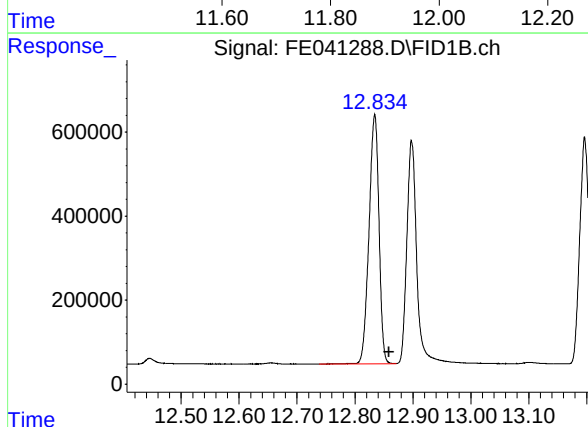
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.028 min
Response: 4274760
Conc: 22.75 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-1CMS

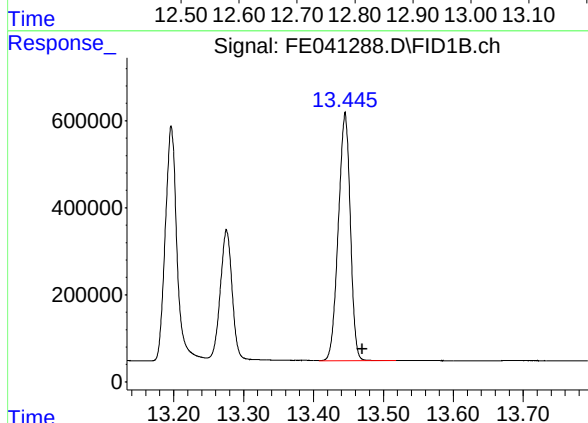
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



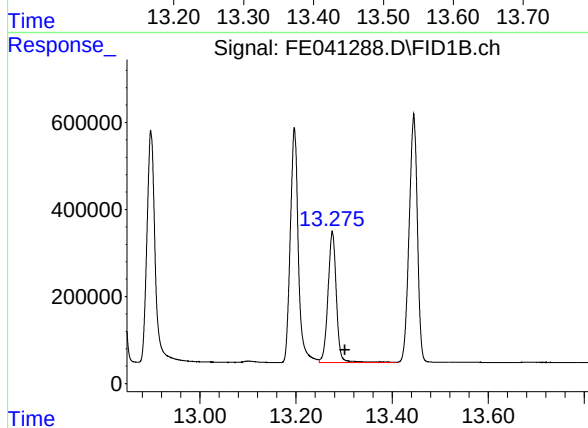
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.024 min
Response: 7109392
Conc: 41.68 ug/ml



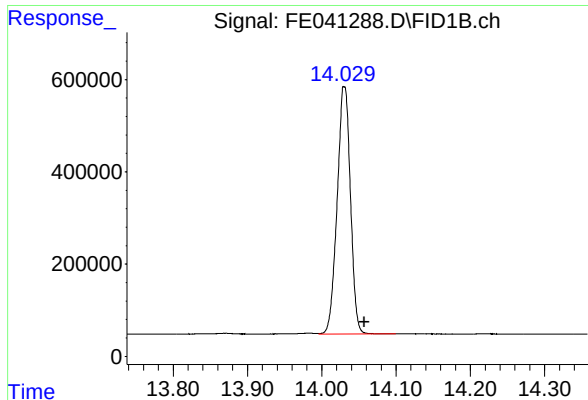
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.025 min
Response: 6777930
Conc: 40.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.026 min
Response: 3651533
Conc: 25.38 ug/ml



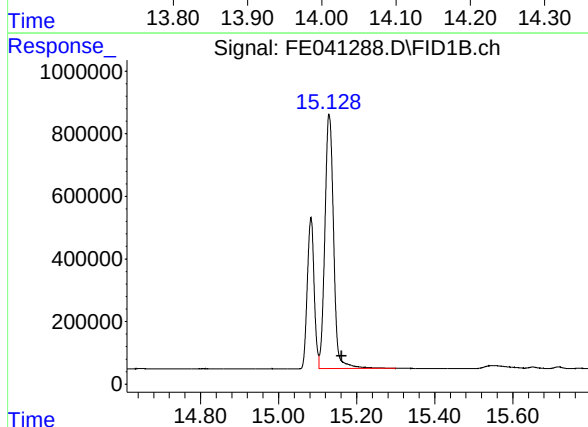
#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.027 min
Response: 6669051
Conc: 40.30 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-1CMS

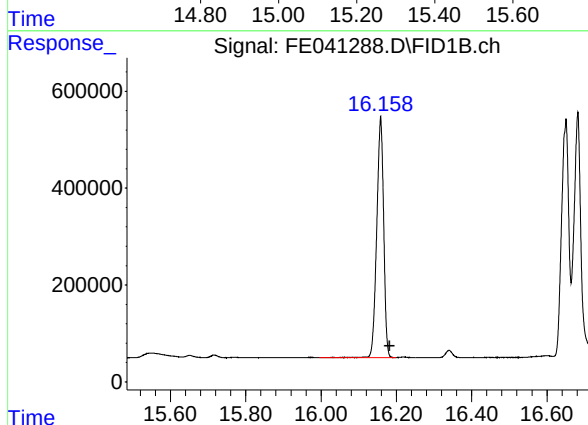
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



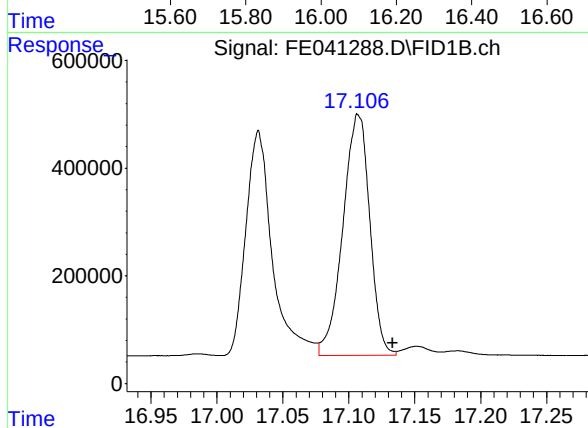
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.031 min
Response: 12660994
Conc: 78.26 ug/ml



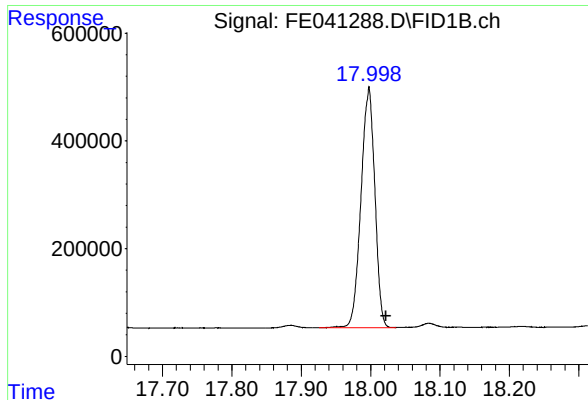
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 6318732
Conc: 40.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.027 min
Response: 6346415
Conc: 41.43 ug/ml m



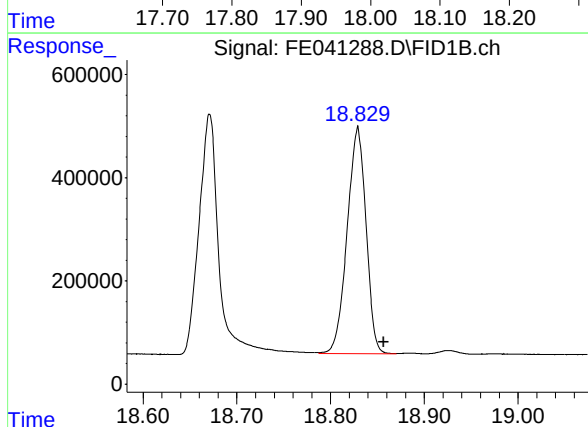
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.025 min
Response: 6186571
Conc: 40.47 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-1CMS

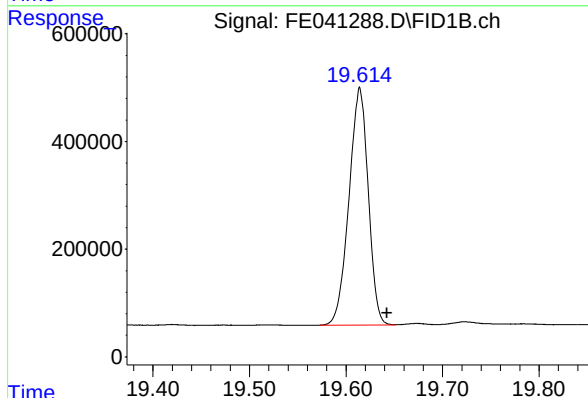
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



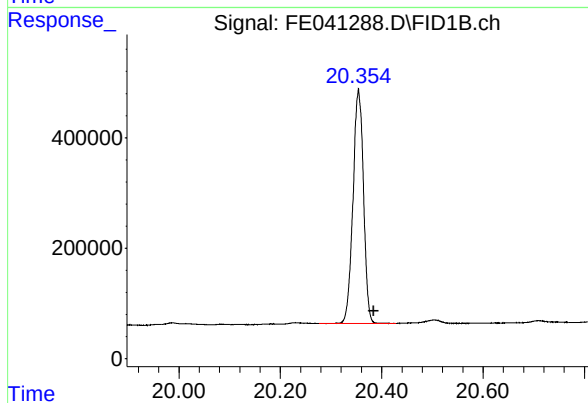
#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.028 min
Response: 6140616
Conc: 39.33 ug/ml m



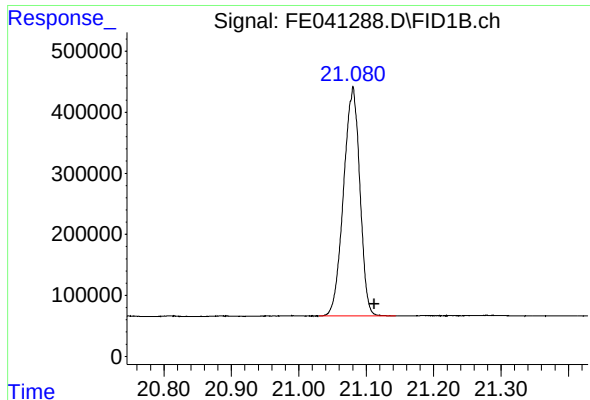
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.029 min
Response: 6147329
Conc: 39.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.030 min
Response: 6101980
Conc: 40.17 ug/ml



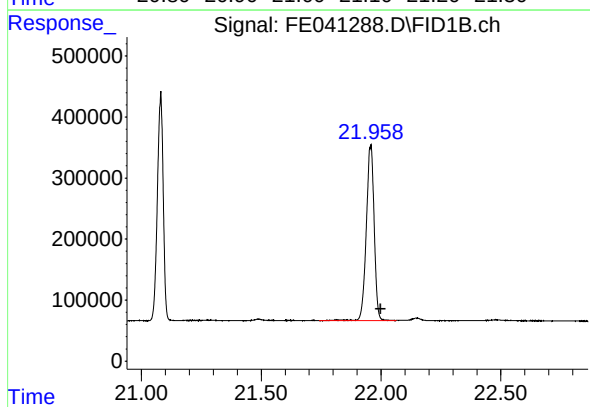
#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.032 min
Response: 6301112
Conc: 40.34 ug/ml

Instrument :
FID_E
ClientSampleId :
SP-1CMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.040 min
Response: 6567005
Conc: 41.15 ug/ml