

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
 Data File : FE047200.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2024 15:02
 Operator : YP\AJ
 Sample : PB159632BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB159632BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e

Quant Time: Mar 19 04:05:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M

Quant Title : GC Extractables

QLast Update : Thu Mar 14 01:54:27 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)	11.977	6264979	37.971 ug/ml
Spiked Amount 50.000		Recovery =	75.94%
12) S 1-chlorooctadecane (S...	13.409	5245328	41.140 ug/mlm
Spiked Amount 50.000		Recovery =	82.28%
Target Compounds			
1) T n-Nonane (C9)	3.377	7017037	46.672 ug/ml
2) T n-Decane (C10)	4.623	7317172	47.726 ug/ml
3) T A~Naphthalene (C11.7)	6.320	7689454	48.229 ug/ml
4) T n-Dodecane (C12)	6.781	7474299	48.576 ug/ml
5) T A~2-methylnaphthalene...	7.415	7526519	49.042 ug/ml
6) T n-Tetradecane (C14)	8.610	7461679	48.972 ug/ml
7) T n-Hexadecane (C16)	10.216	7383220	46.905 ug/ml
8) T n-Octadecane (C18)	11.658	7496724	47.075 ug/ml
10) T n-Eicosane (C20)	12.967	7492344	48.745 ug/ml
11) T n-Heneicosane (C21)	13.578	7271803	48.060 ug/ml
13) T n-Docosane (C22)	14.163	7214225	47.950 ug/ml
14) T n-Tetracosane (C24)	15.262	7159057	47.938 ug/mlm
15) T n-Hexacosane (C26)	16.284	6977472	47.898 ug/ml
16) T n-Octacosane (C28)	17.230	7056573	50.011 ug/ml
17) T n-Tricontane (C30)	18.116	6882427	48.686 ug/ml
18) T n-Dotriacontane (C32)	18.946	6714091	48.686 ug/ml
19) T n-Tetratriacontane (C34)	19.728	6634802	50.819 ug/ml
20) T n-Hexatriacontane (C36)	20.466	6420990	51.542 ug/ml
21) T n-Octatriacontane (C38)	21.208	6461065	52.033 ug/ml
22) T n-Tetracontane (C40)	22.136	6249732	53.135 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031824AL\
Data File : FE047200.D
Signal(s) : FID1B.ch
Acq On : 18 Mar 2024 15:02
Operator : YP\AJ
Sample : PB159632BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

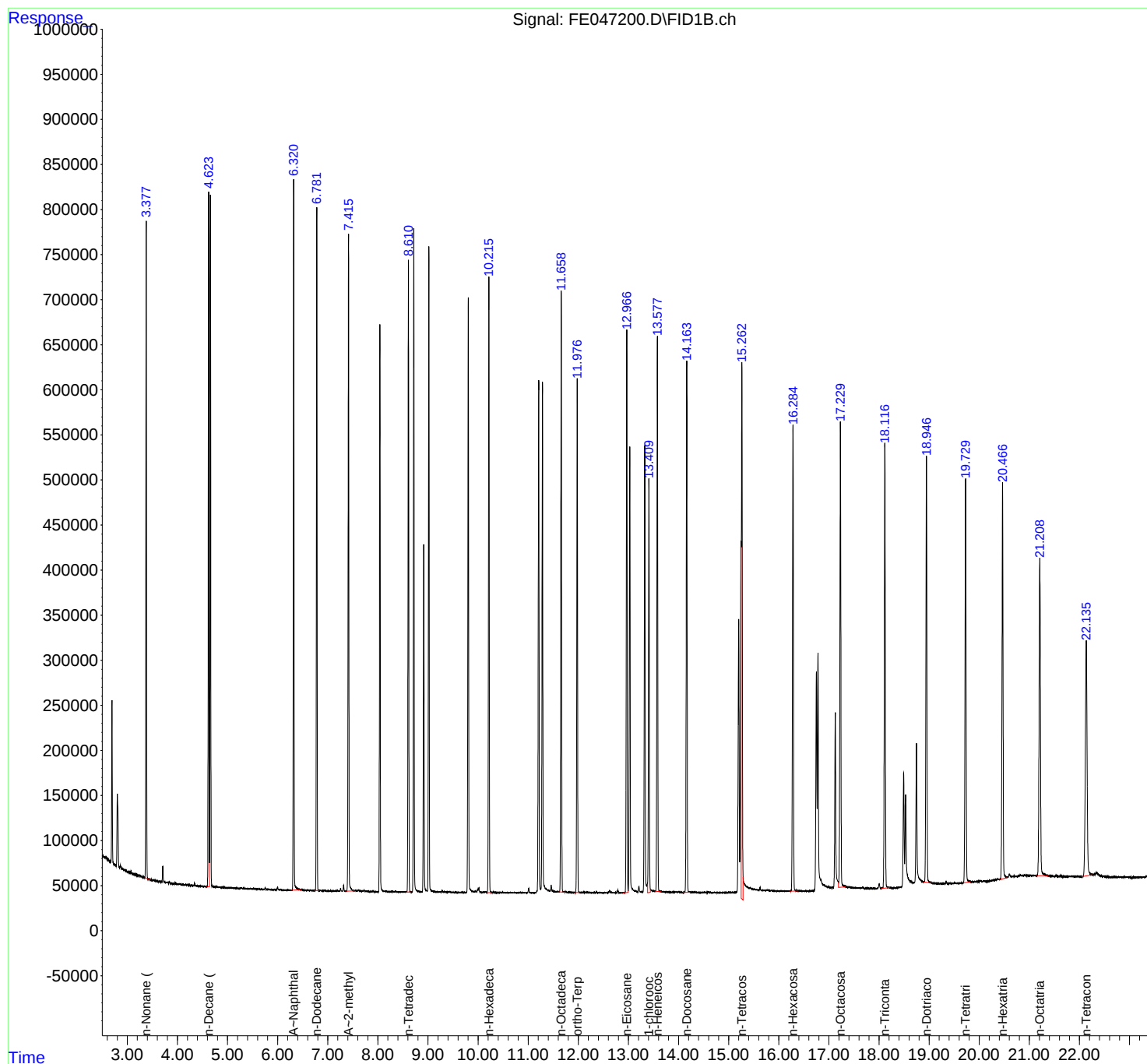
Instrument :
FID_E
ClientSampleId :
PB159632BS

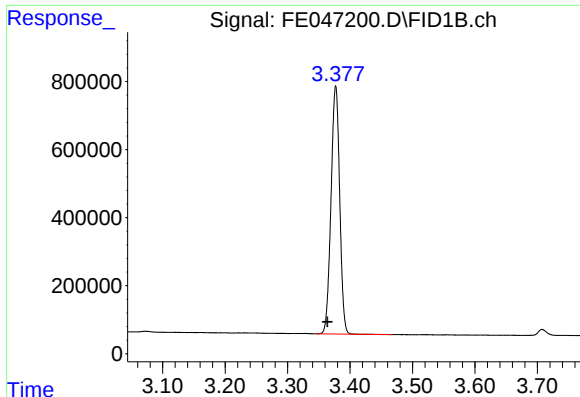
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024

Integration File: autoint1.e
Quant Time: Mar 19 04:05:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
Quant Title : GC Extractables
QLast Update : Thu Mar 14 01:54:27 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.: 3.377 min
Delta R.T.: 0.013 min
Response: 7017037
Conc: 46.67 ug/ml

Instrument :

FID_E

ClientSampleId :

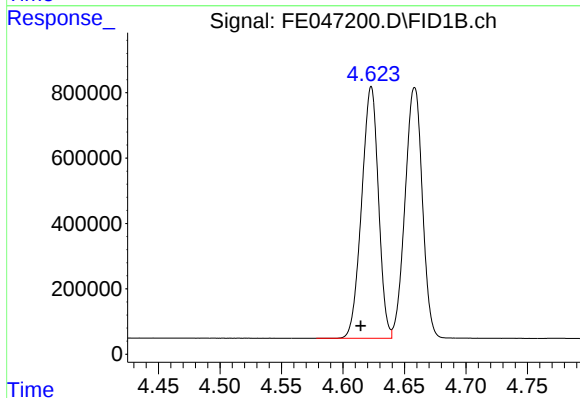
PB159632BS

Manual Integrations

APPROVED

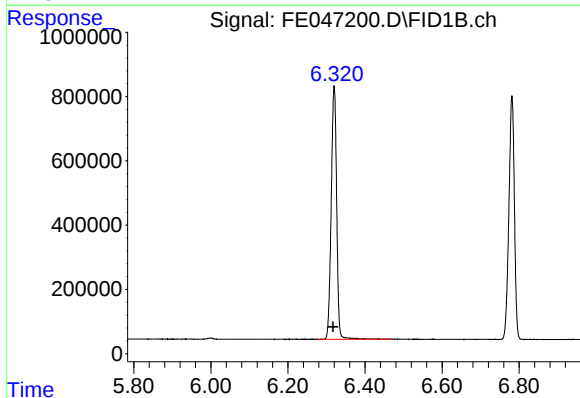
Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



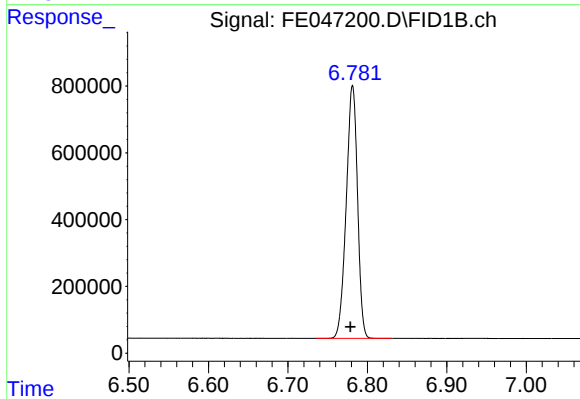
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: 0.008 min
Response: 7317172
Conc: 47.73 ug/ml



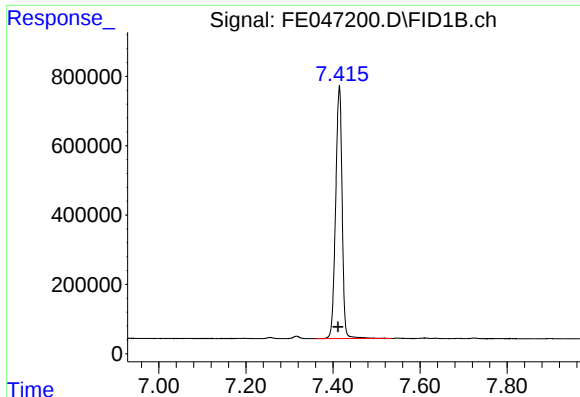
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: 0.003 min
Response: 7689454
Conc: 48.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.003 min
Response: 7474299
Conc: 48.58 ug/ml



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

R.T.: 7.415 min
Delta R.T.: 0.003 min
Response: 7526519
Conc: 49.04 ug/ml

Instrument :

FID_E

ClientSampleId :

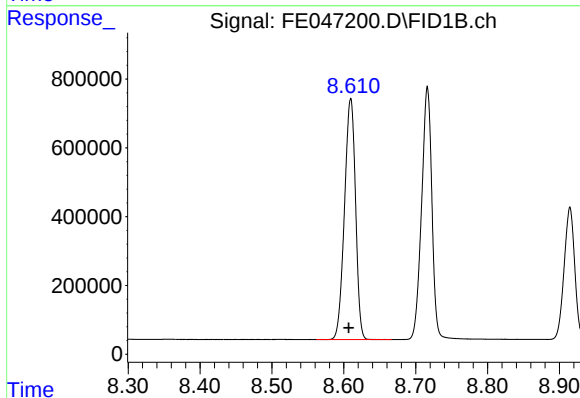
PB159632BS

Manual Integrations

APPROVED

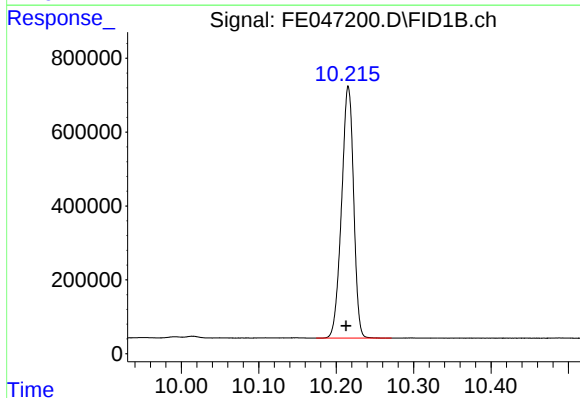
Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



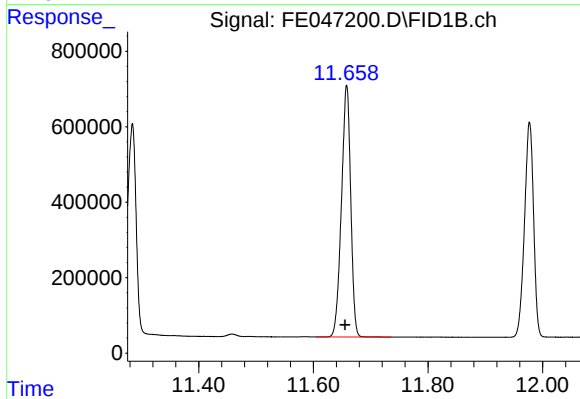
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.003 min
Response: 7461679
Conc: 48.97 ug/ml



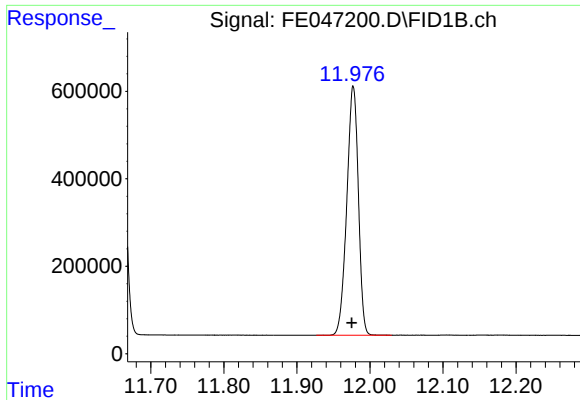
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.003 min
Response: 7383220
Conc: 46.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.003 min
Response: 7496724
Conc: 47.07 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 6264979
Conc: 37.97 ug/ml

Instrument :

FID_E

ClientSampleId :

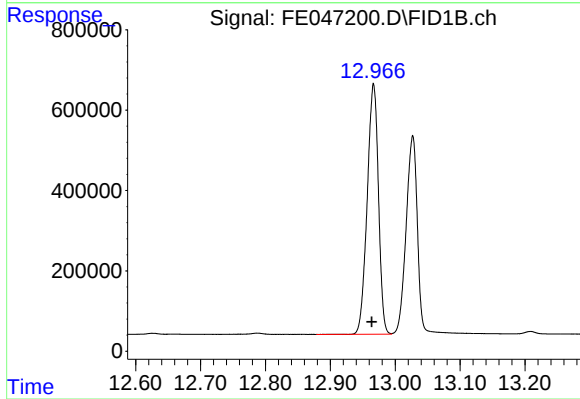
PB159632BS

Manual Integrations

APPROVED

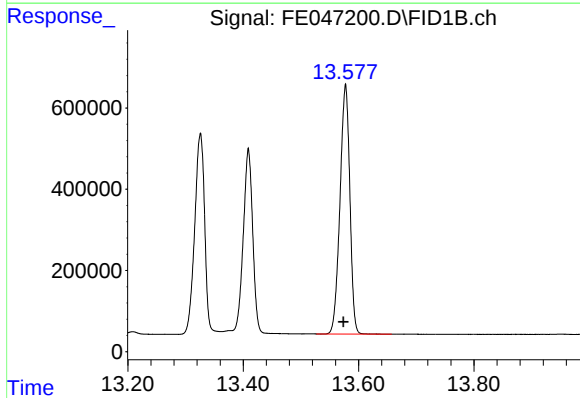
Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



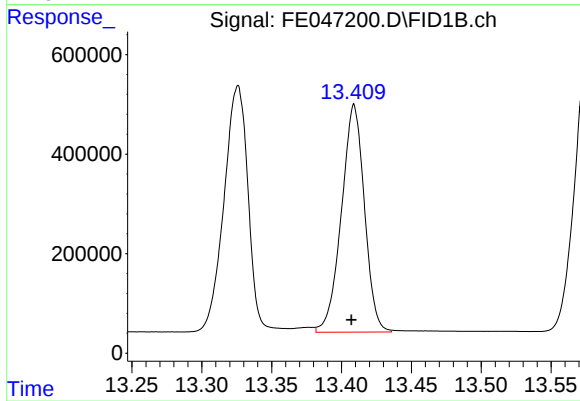
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 7492344
Conc: 48.74 ug/ml



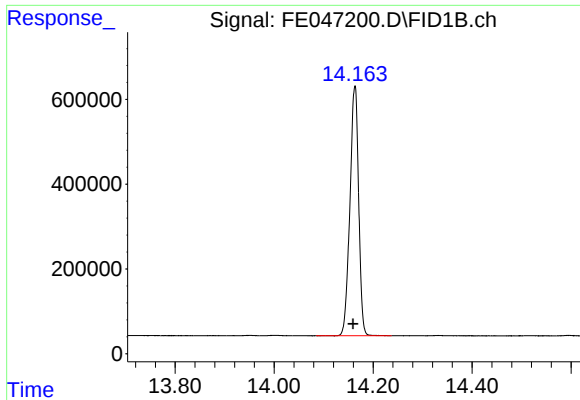
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.004 min
Response: 7271803
Conc: 48.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: 0.001 min
Response: 5245328
Conc: 41.14 ug/ml m



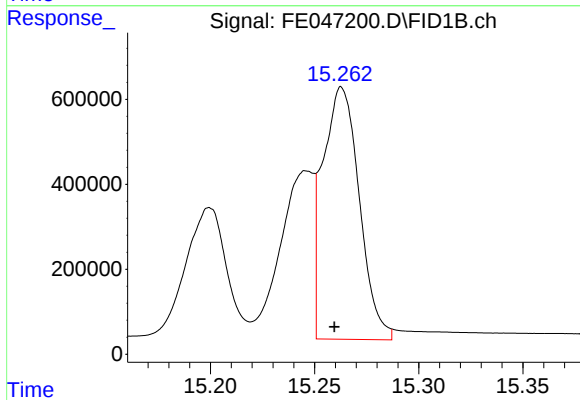
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.004 min
Response: 7214225
Conc: 47.95 ug/ml

Instrument :
FID_E
ClientSampleId :
PB159632BS

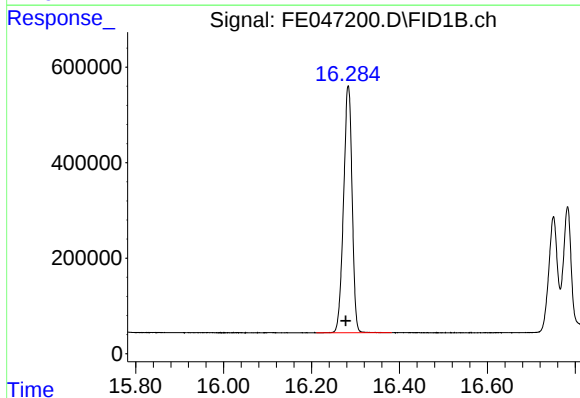
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



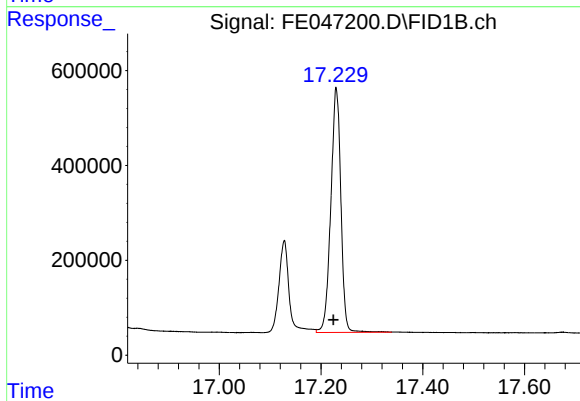
#14 n-Tetracosane (C24)

R.T.: 15.262 min
Delta R.T.: 0.003 min
Response: 7159057
Conc: 47.94 ug/ml m



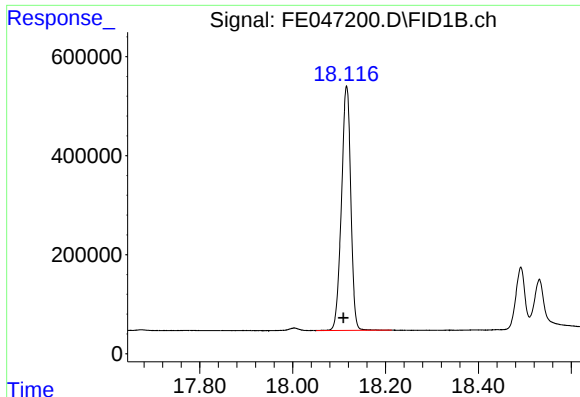
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 6977472
Conc: 47.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: 0.006 min
Response: 7056573
Conc: 50.01 ug/ml



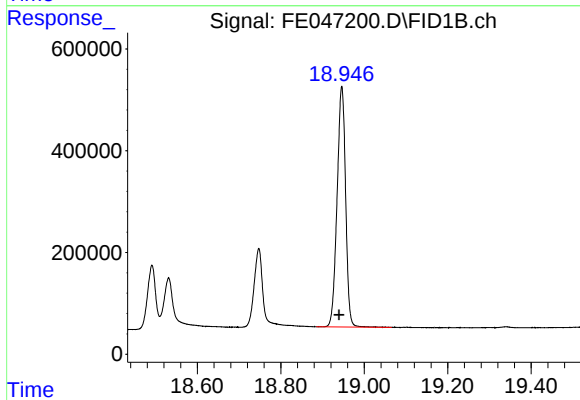
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: 0.007 min
Response: 6882427
Conc: 48.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB159632BS

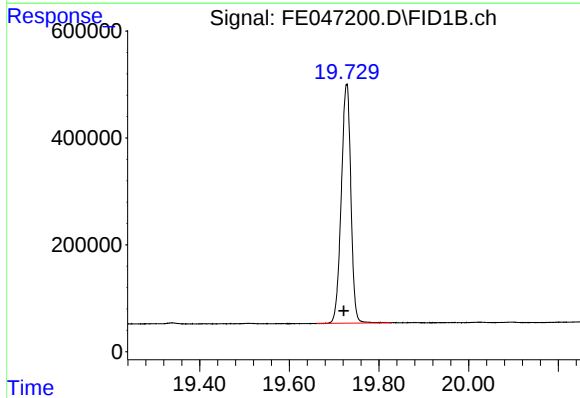
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/19/2024
Supervised By :mohammad ahmed 03/19/2024



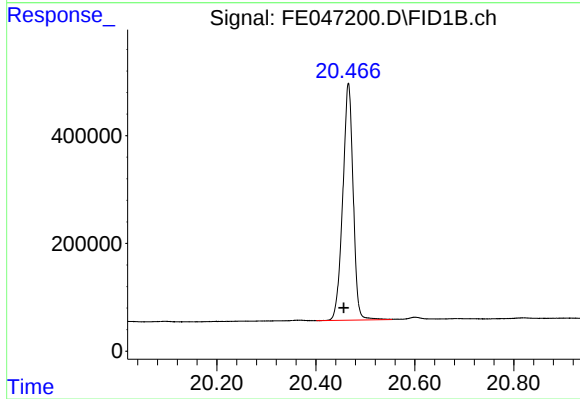
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: 0.006 min
Response: 6714091
Conc: 48.69 ug/ml



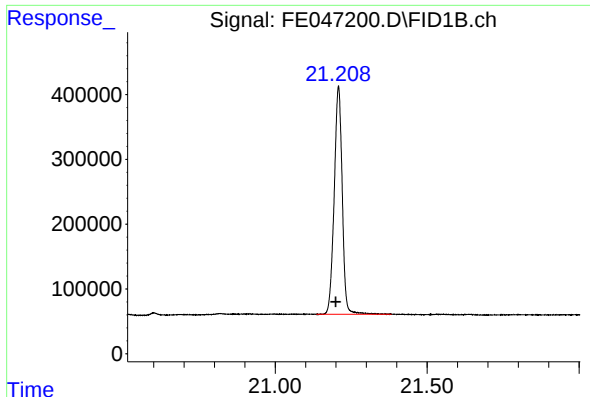
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.007 min
Response: 6634802
Conc: 50.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.009 min
Response: 6420990
Conc: 51.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.009 min
Response: 6461065
Conc: 52.03 ug/ml

Instrument :

FID_E

ClientSampleId :

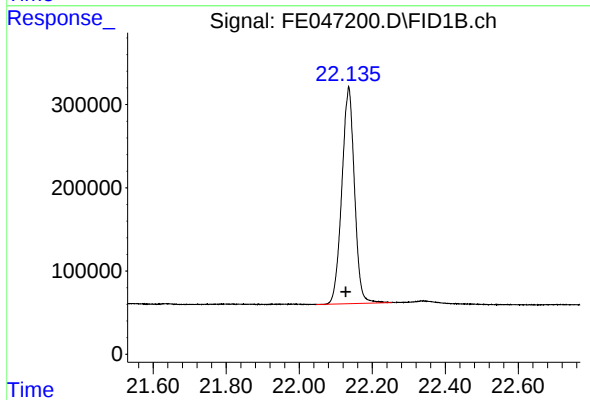
PB159632BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/19/2024

Supervised By :mohammad ahmed 03/19/2024



#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.008 min
Response: 6249732
Conc: 53.14 ug/ml