

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045144.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 18:51
 Operator : YP\AJ
 Sample : 05171-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-103123MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 02 00:10:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.895	6595544	32.901 ug/mlm
Spiked Amount 50.000		Recovery =	65.80%
12) S 1-chlorooctadecane (S...	13.339	8669711	58.585 ug/ml
Spiked Amount 50.000		Recovery =	117.17%
Target Compounds			
1) T n-Nonane (C9)	3.280	4398690	26.221 ug/ml
2) T n-Decane (C10)	4.531	5028386	29.518 ug/mlm
3) T A~Naphthalene (C11.7)	6.232	5910688	31.929 ug/ml
4) T n-Dodecane (C12)	6.696	5639149	32.668 ug/ml
5) T A~2-methylnaphthalene...	7.328	5948844	32.977 ug/ml
6) T n-Tetradecane (C14)	8.525	6049405	35.278 ug/ml
7) T n-Hexadecane (C16)	10.134	6399246	36.595 ug/ml
8) T n-Octadecane (C18)	11.582	6538300	37.487 ug/ml
10) T n-Eicosane (C20)	12.893	6480268	38.797 ug/ml
11) T n-Heneicosane (C21)	13.506	6134207	37.630 ug/ml
13) T n-Docosane (C22)	14.094	6082926	38.029 ug/ml
14) T n-Tetracosane (C24)	15.184	12450047	80.221 ug/ml
15) T n-Hexacosane (C26)	16.225	5845059	38.932 ug/ml
16) T n-Octacosane (C28)	17.175	5927076	40.363 ug/ml
17) T n-Tricontane (C30)	18.068	5885994	39.575 ug/ml
18) T n-Dotriacontane (C32)	18.900	5864981	39.075 ug/ml
19) T n-Tetratriacontane (C34)	19.685	5951171	39.977 ug/mlm
20) T n-Hexatriacontane (C36)	20.428	5842434	38.002 ug/mlm
21) T n-Octatriacontane (C38)	21.170	6076847	38.902 ug/mlm
22) T n-Tetracontane (C40)	22.092	6129133	36.675 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
Data File : FE045144.D
Signal(s) : FID1B.ch
Acq On : 01 Nov 2023 18:51
Operator : YP\AJ
Sample : 05171-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

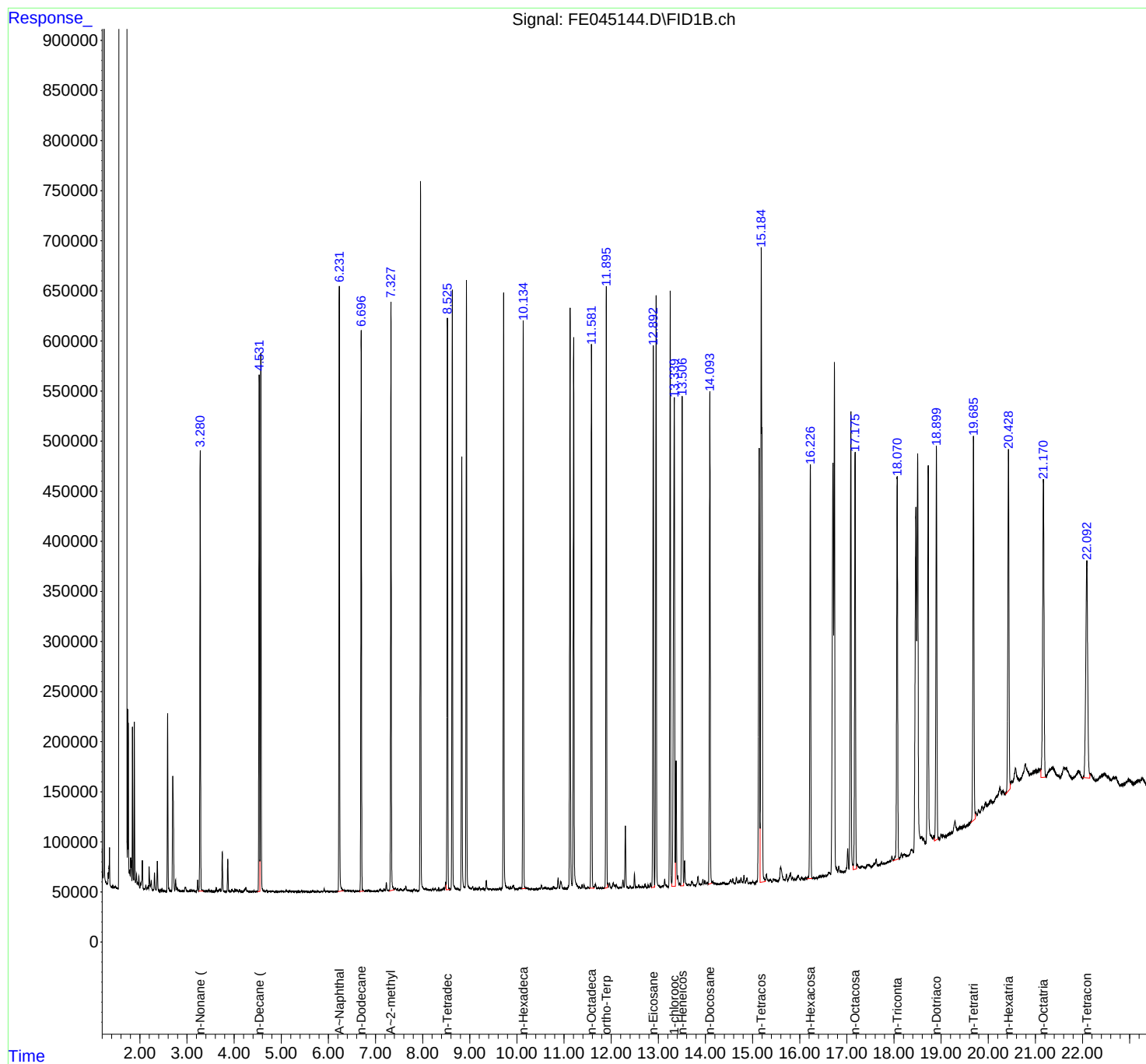
Instrument :
FID_E
ClientSampleId :
TR-05-103123MSD

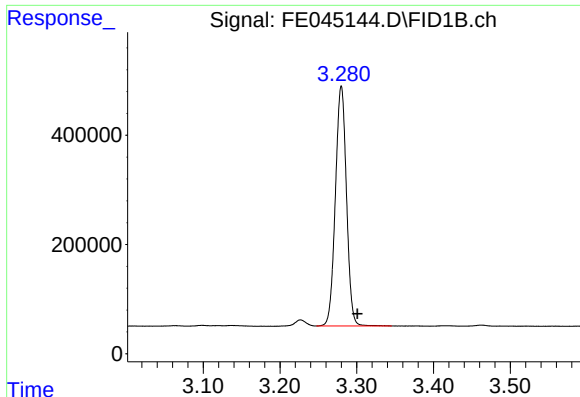
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
Quant Time: Nov 02 00:10:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
Quant Title : GC Extractables
QLast Update : Thu Oct 12 06:15:32 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.: 3.280 min
Delta R.T.: -0.021 min
Response: 4398690
Conc: 26.22 ug/ml

Instrument :

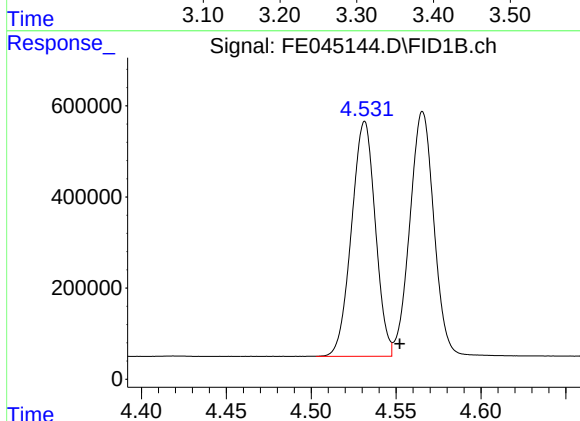
FID_E

ClientSampleId :

TR-05-103123MSD

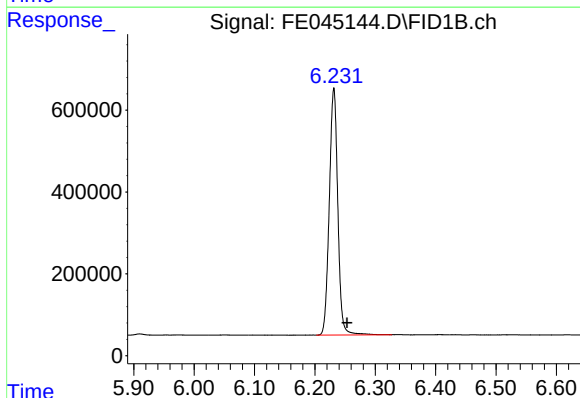
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023



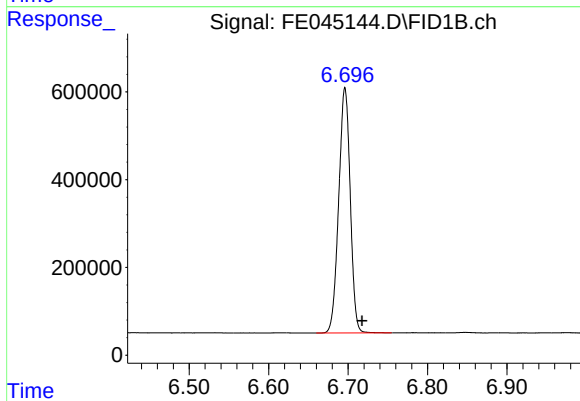
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.021 min
Response: 5028386
Conc: 29.52 ug/ml m



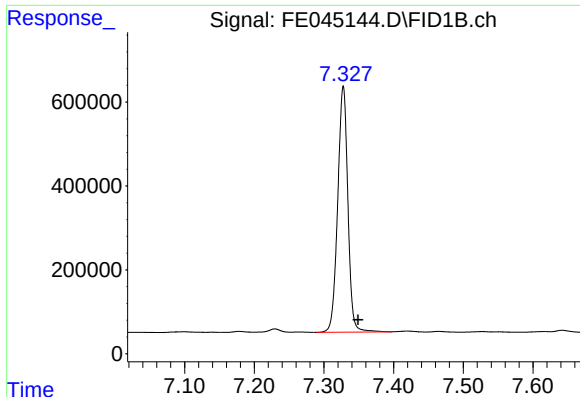
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.022 min
Response: 5910688
Conc: 31.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.022 min
Response: 5639149
Conc: 32.67 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.021 min
Response: 5948844
Conc: 32.98 ug/ml

Instrument :

FID_E

ClientSampleId :

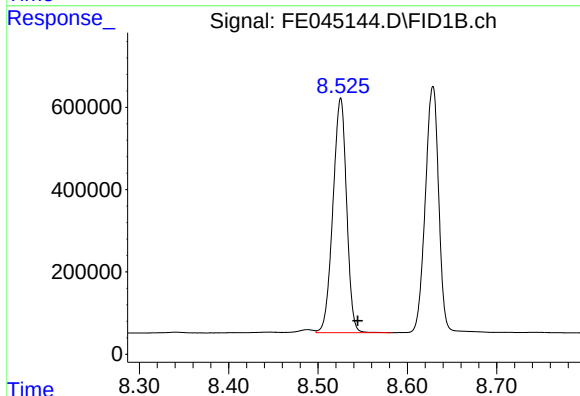
TR-05-103123MSD

Manual Integrations

APPROVED

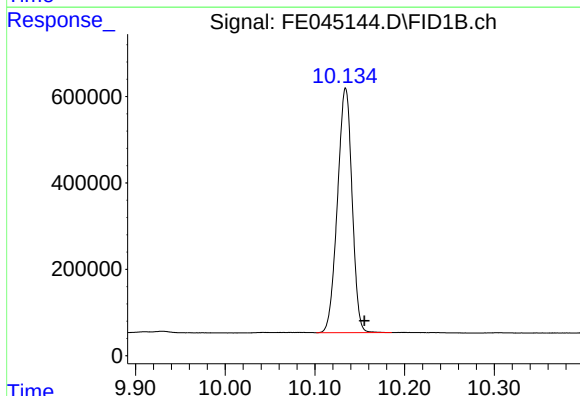
Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023



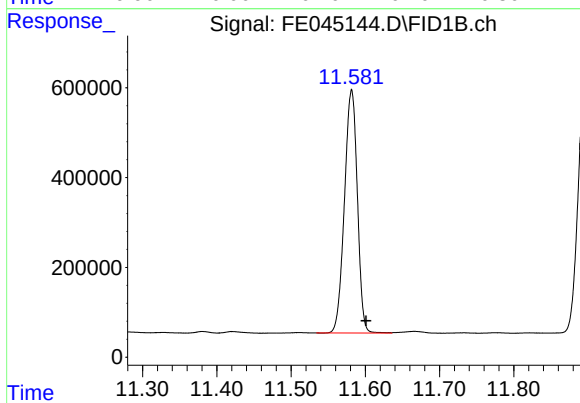
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.019 min
Response: 6049405
Conc: 35.28 ug/ml



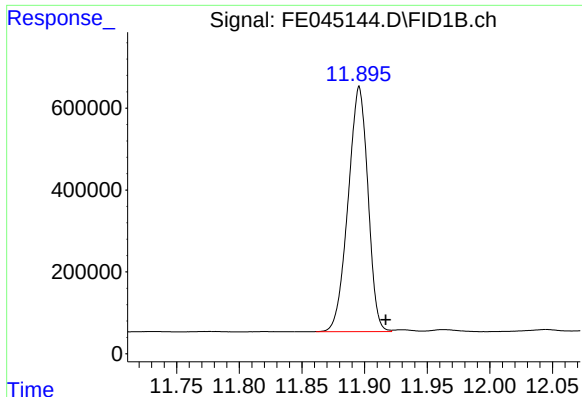
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.021 min
Response: 6399246
Conc: 36.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.020 min
Response: 6538300
Conc: 37.49 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 6595544
Conc: 32.90 ug/ml

Instrument :

FID_E

ClientSampleId :

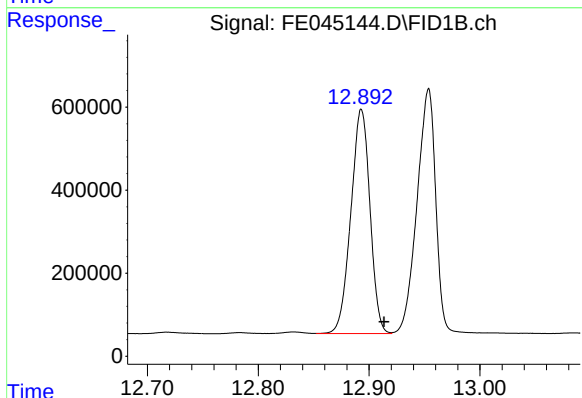
TR-05-103123MSD

Manual Integrations

APPROVED

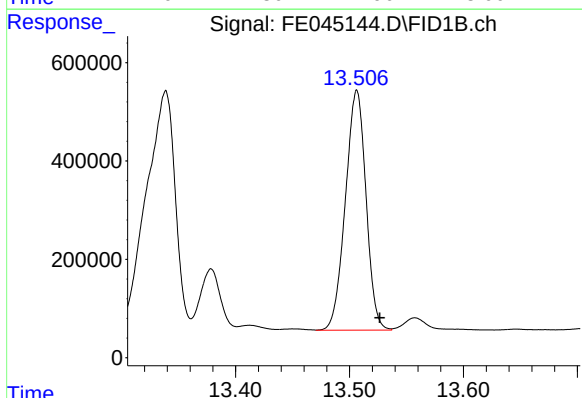
Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023



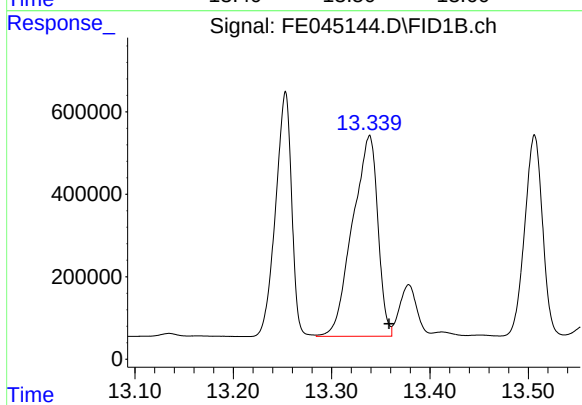
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 6480268
Conc: 38.80 ug/ml



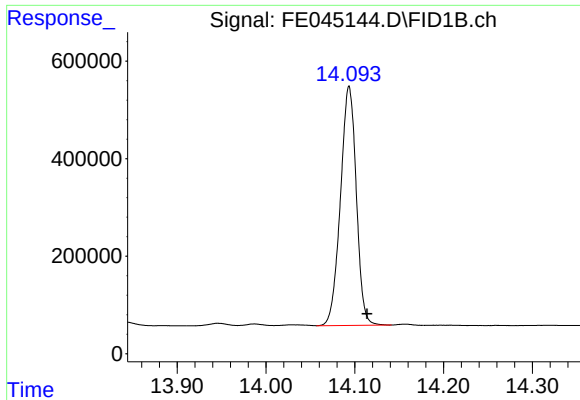
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.020 min
Response: 6134207
Conc: 37.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.020 min
Response: 8669711
Conc: 58.58 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.020 min
Response: 6082926
Conc: 38.03 ug/ml

Instrument :

FID_E

ClientSampleId :

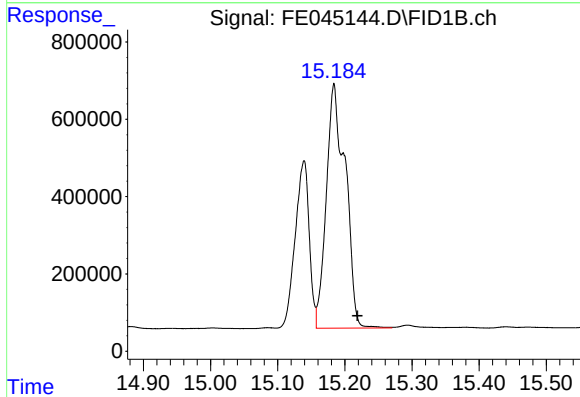
TR-05-103123MSD

Manual Integrations

APPROVED

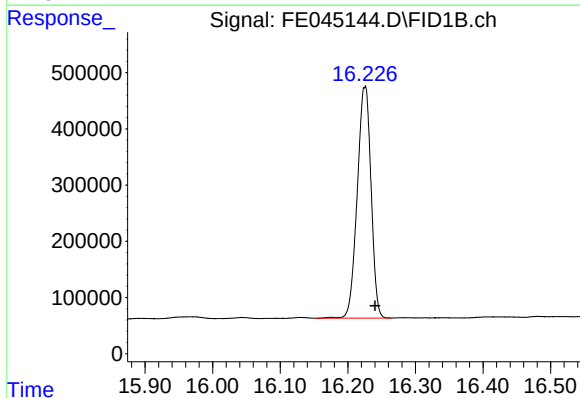
Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023



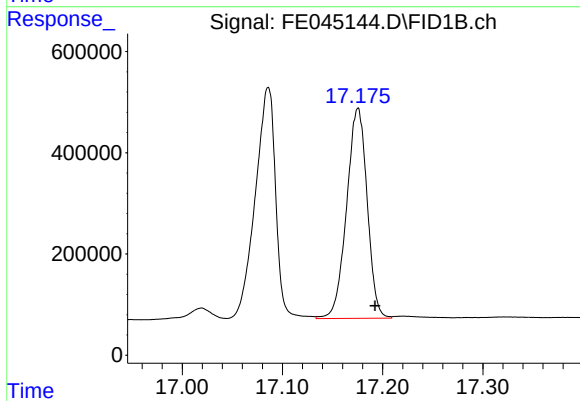
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.035 min
Response: 12450047
Conc: 80.22 ug/ml



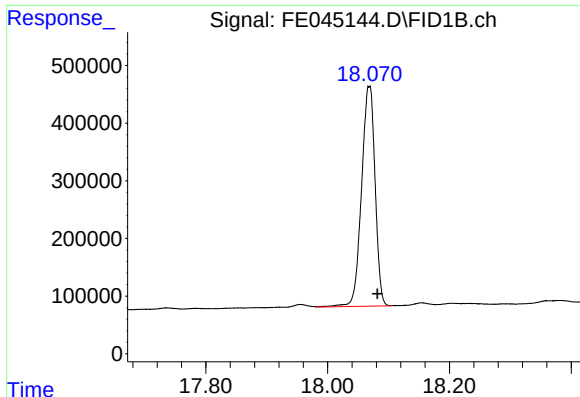
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.015 min
Response: 5845059
Conc: 38.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.175 min
Delta R.T.: -0.017 min
Response: 5927076
Conc: 40.36 ug/ml



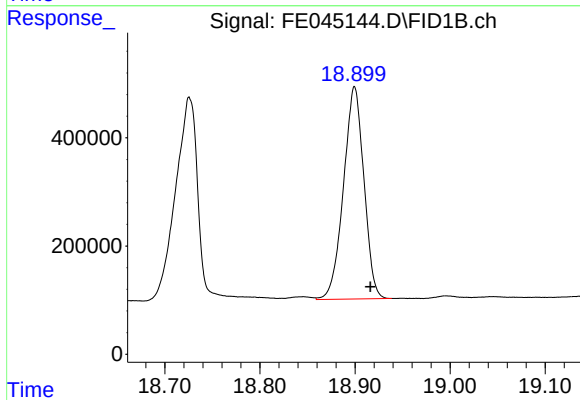
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.013 min
Response: 5885994
Conc: 39.58 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-05-103123MSD

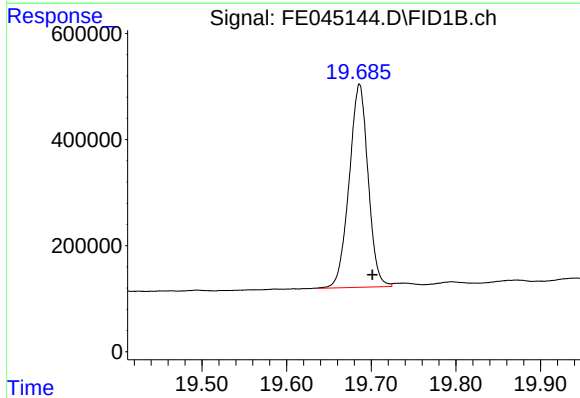
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/06/2023



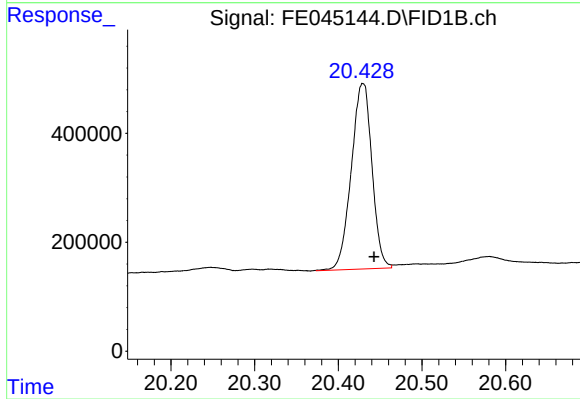
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.017 min
Response: 5864981
Conc: 39.08 ug/ml



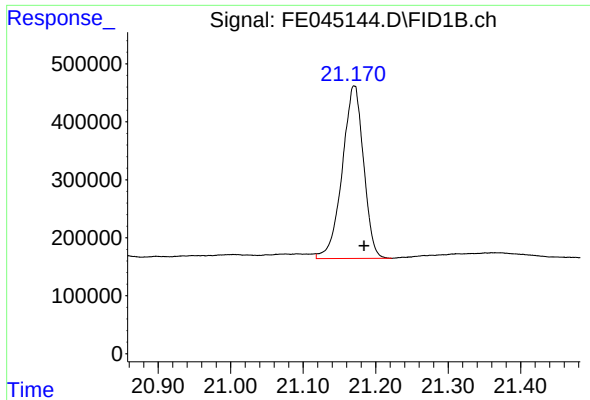
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.016 min
Response: 5951171
Conc: 39.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: -0.015 min
Response: 5842434
Conc: 38.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.015 min
Response: 6076847
Conc: 38.90 ug/ml

Instrument :

FID_E

ClientSampleId :

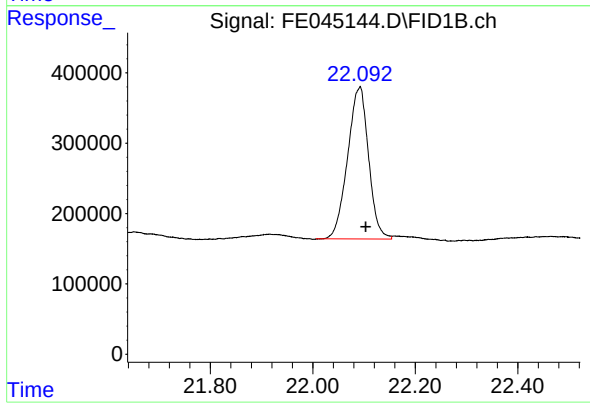
TR-05-103123MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/06/2023



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.011 min
Response: 6129133
Conc: 36.67 ug/ml m