

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072623AL\
 Data File : FE043529.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jul 2023 19:52
 Operator : YP\AJ
 Sample : 03736-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-5-072423MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2023
 Supervised By :Ankita Jodhani 07/27/2023

Integration File: autoint1.e
 Quant Time: Jul 27 01:29:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.886	5936789	33.154 ug/ml
Spiked Amount 50.000		Recovery =	66.31%
12) S 1-chlorooctadecane (S...	13.322	4920422	37.448 ug/mlm
Spiked Amount 50.000		Recovery =	74.90%
Target Compounds			
1) T n-Nonane (C9)	3.262	3664759	24.003 ug/ml
2) T n-Decane (C10)	4.554	4398540	28.215 ug/ml
3) T A~Naphthalene (C11.7)	6.228	4746850	29.499 ug/ml
4) T n-Dodecane (C12)	6.688	4740914	30.087 ug/ml
5) T A~2-methylnaphthalene...	7.325	4942651	32.573 ug/ml
6) T n-Tetradecane (C14)	8.518	5371806	33.962 ug/ml
7) T n-Hexadecane (C16)	10.124	5500981	33.991 ug/ml
8) T n-Octadecane (C18)	11.568	5634577	34.564 ug/ml
10) T n-Eicosane (C20)	12.878	5657572	36.414 ug/ml
11) T n-Heneicosane (C21)	13.489	5428039	35.828 ug/ml
13) T n-Docosane (C22)	14.076	5435754	36.372 ug/ml
14) T n-Tetracosane (C24)	15.172	10215711	69.561 ug/ml
15) T n-Hexacosane (C26)	16.201	5146604	36.135 ug/ml
16) T n-Octacosane (C28)	17.149	5229439	37.166 ug/ml
17) T n-Tricontane (C30)	18.038	5151541	34.970 ug/ml
18) T n-Dotriacontane (C32)	18.869	5057510	34.131 ug/ml
19) T n-Tetratriacontane (C34)	19.653	5175987	35.864 ug/ml
20) T n-Hexatriacontane (C36)	20.394	5059913	34.426 ug/ml
21) T n-Octatriacontane (C38)	21.132	4965494	34.809 ug/ml
22) T n-Tetracontane (C40)	22.040	5343281	36.205 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072623AL\
Data File : FE043529.D
Signal(s) : FID1B.ch
Acq On : 26 Jul 2023 19:52
Operator : YP\AJ
Sample : 03736-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

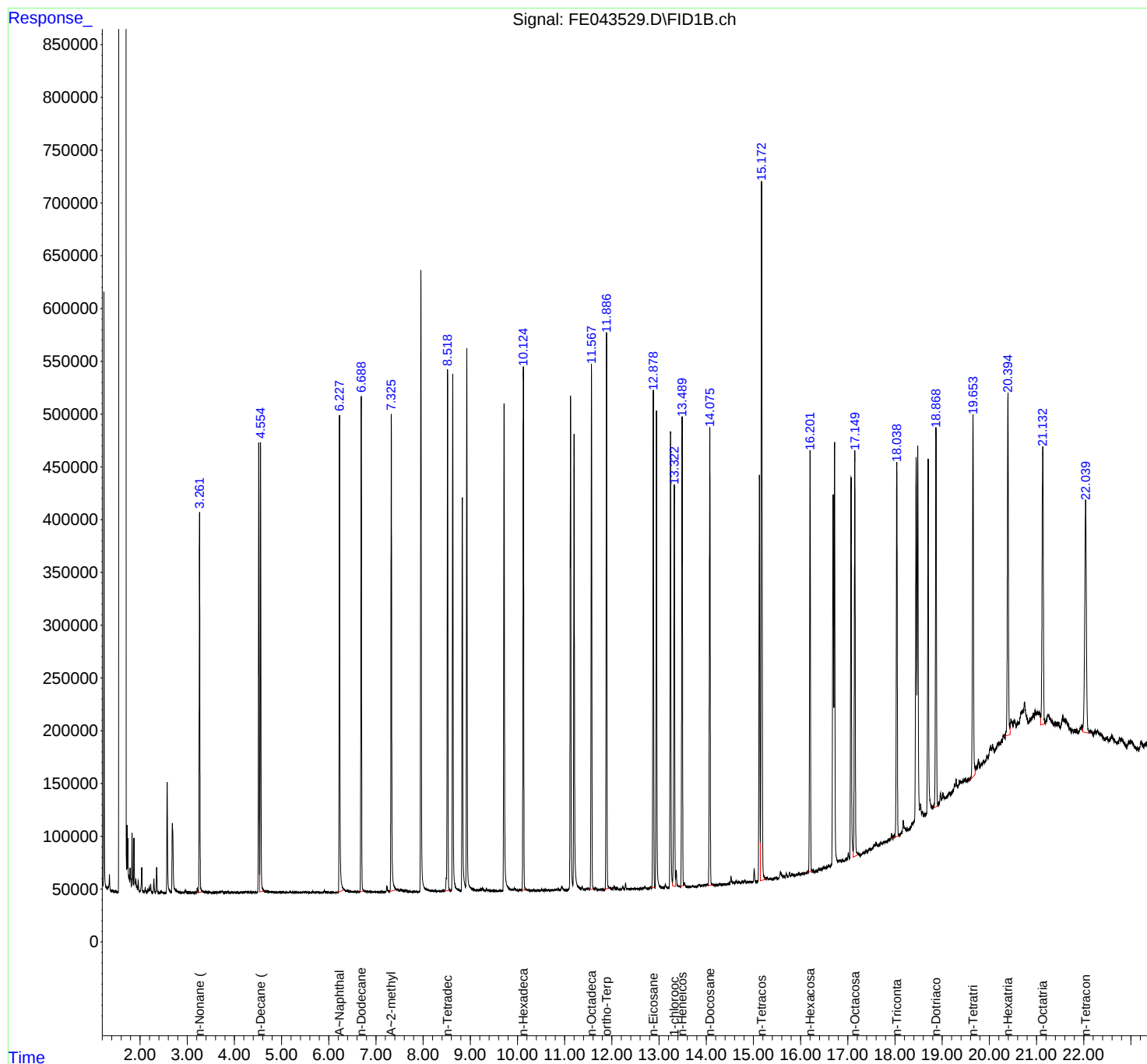
Instrument :
FID_E
ClientSampleId :
TR-5-072423MSD

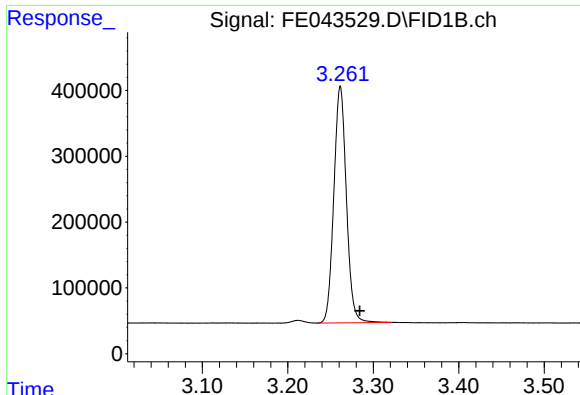
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :Ankita Jodhani 07/27/2023

Integration File: autoint1.e
Quant Time: Jul 27 01:29:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
Quant Title : GC Extractables
QLast Update : Thu Jul 13 03:02:53 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.: 3.262 min
Delta R.T.: -0.022 min
Response: 3664759
Conc: 24.00 ug/ml

Instrument :

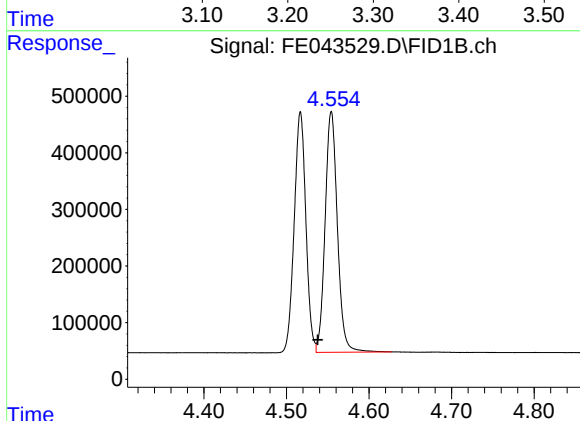
FID_E

ClientSampleId :

TR-5-072423MSD

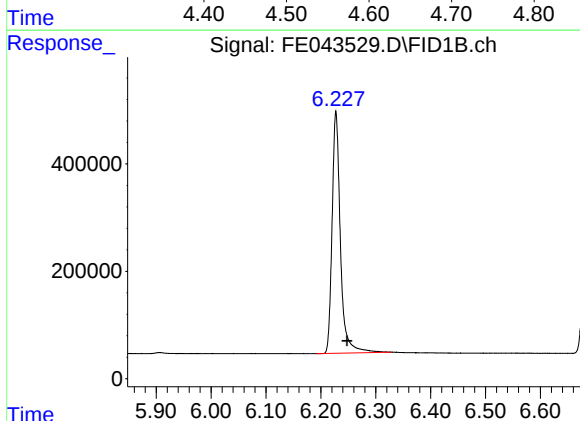
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :Ankita Jodhani 07/27/2023



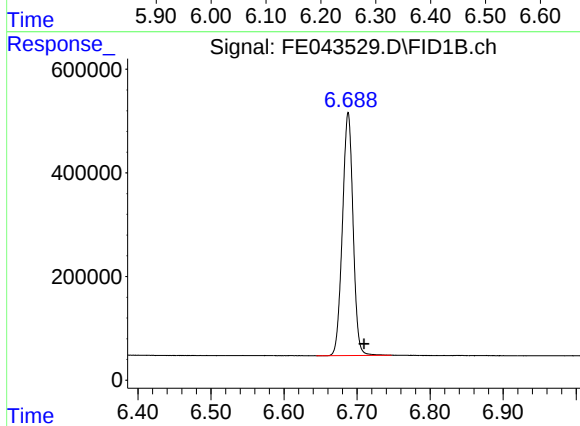
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.016 min
Response: 4398540
Conc: 28.21 ug/ml



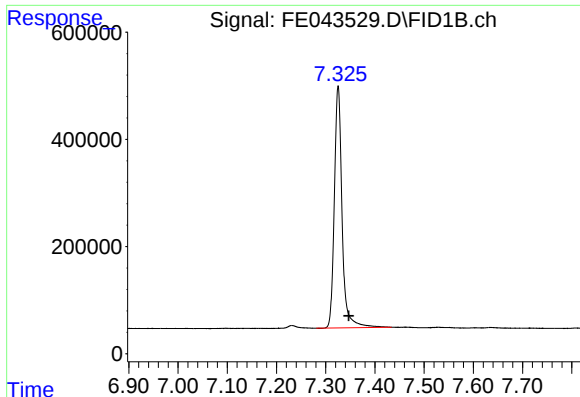
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.020 min
Response: 4746850
Conc: 29.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.022 min
Response: 4740914
Conc: 30.09 ug/ml



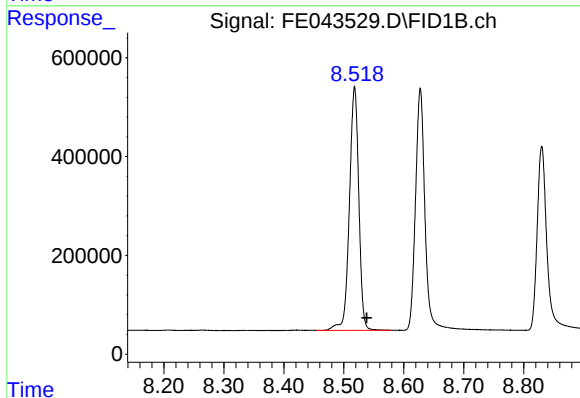
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: -0.021 min
Response: 4942651
Conc: 32.57 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-072423MSD

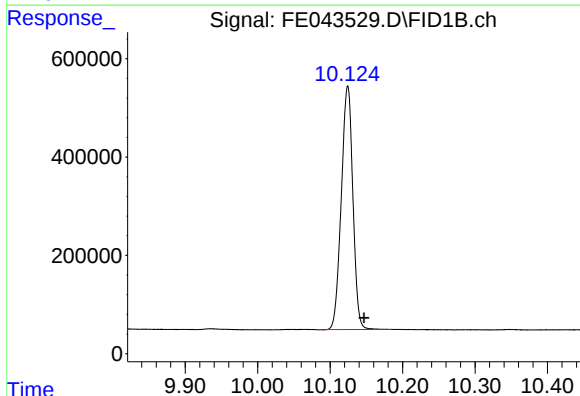
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :Ankita Jodhani 07/27/2023



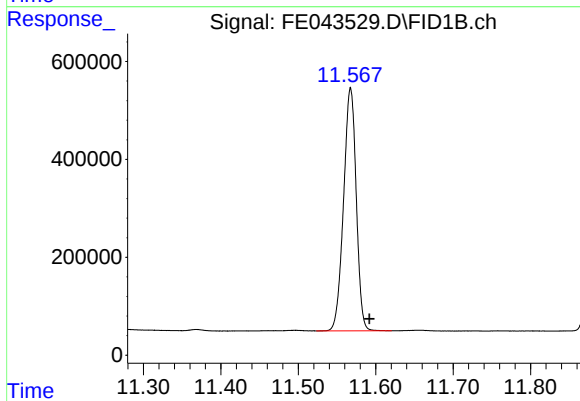
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.020 min
Response: 5371806
Conc: 33.96 ug/ml



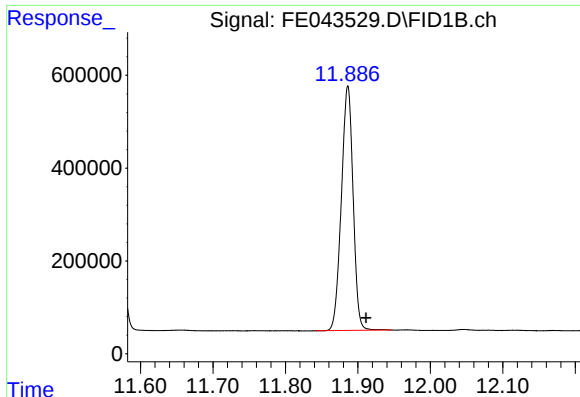
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.022 min
Response: 5500981
Conc: 33.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.568 min
Delta R.T.: -0.025 min
Response: 5634577
Conc: 34.56 ug/ml



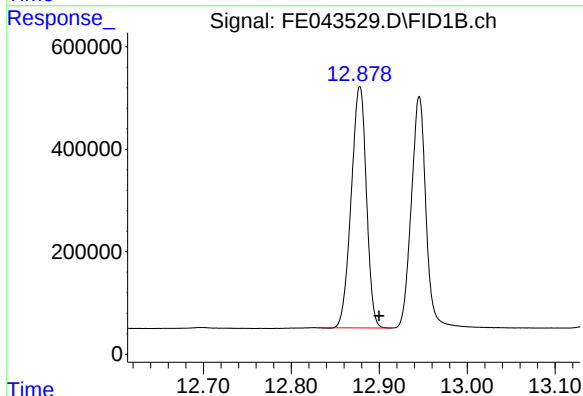
#9 ortho-Terphenyl (SURR)

R.T.: 11.886 min
Delta R.T.: -0.025 min
Response: 5936789
Conc: 33.15 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-5-072423MSD

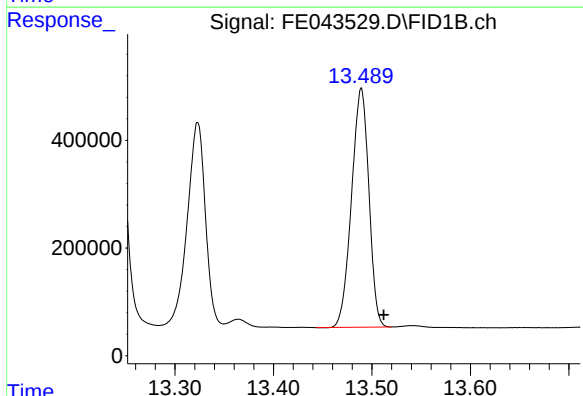
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :Ankita Jodhani 07/27/2023



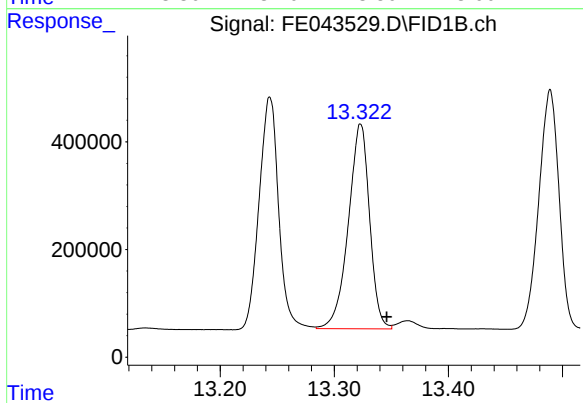
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.022 min
Response: 5657572
Conc: 36.41 ug/ml



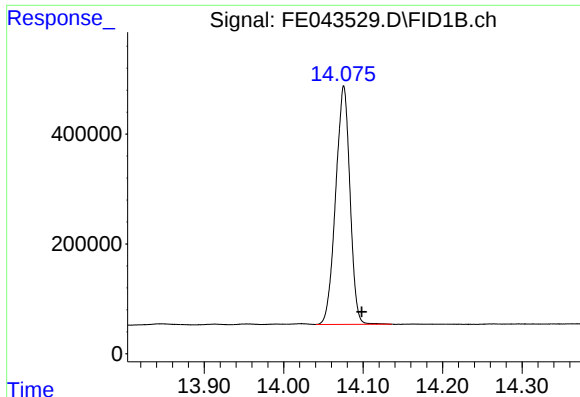
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.023 min
Response: 5428039
Conc: 35.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.024 min
Response: 4920422
Conc: 37.45 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: -0.023 min
Response: 5435754
Conc: 36.37 ug/ml

Instrument :

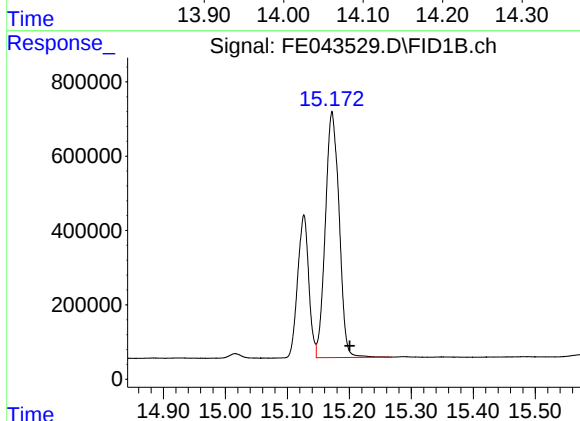
FID_E

ClientSampleId :

TR-5-072423MSD

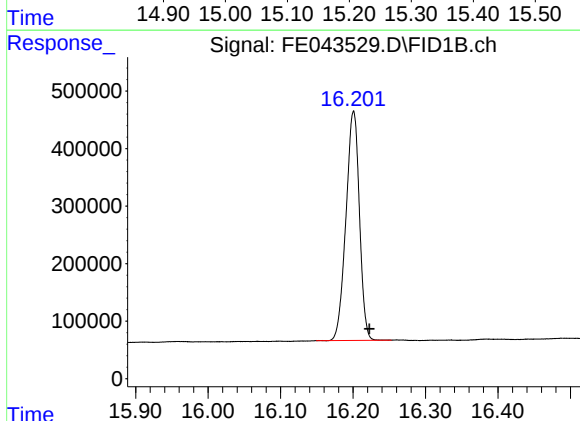
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :Ankita Jodhani 07/27/2023



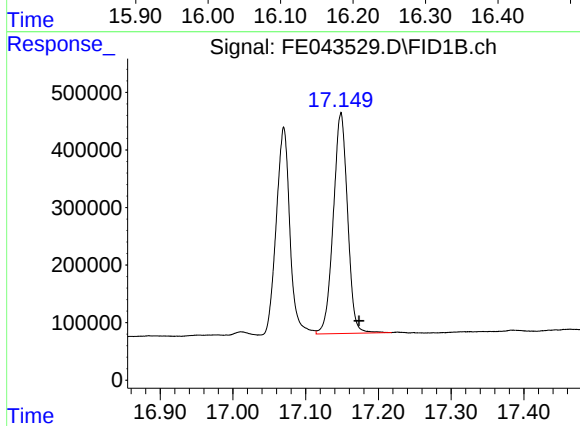
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.029 min
Response: 10215711
Conc: 69.56 ug/ml



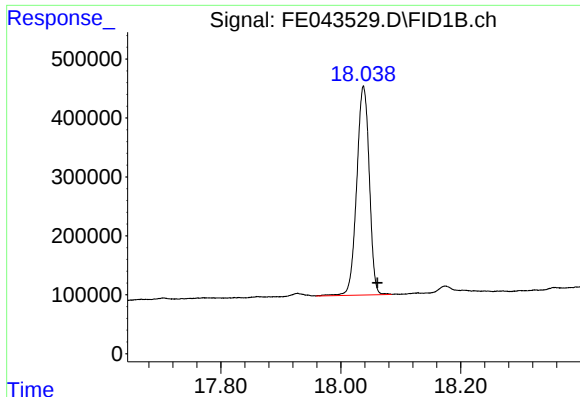
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.022 min
Response: 5146604
Conc: 36.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.025 min
Response: 5229439
Conc: 37.17 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.023 min
Response: 5151541
Conc: 34.97 ug/ml

Instrument :

FID_E

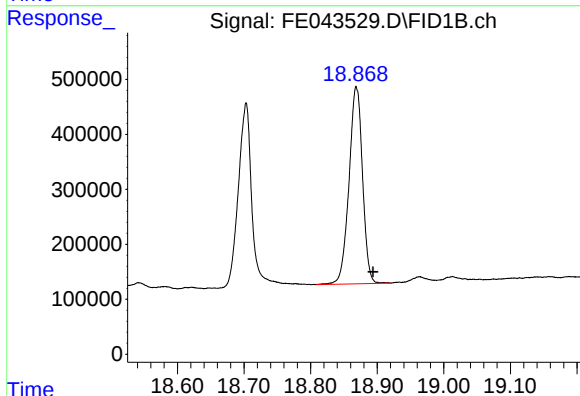
ClientSampleId :

TR-5-072423MSD

Manual Integrations

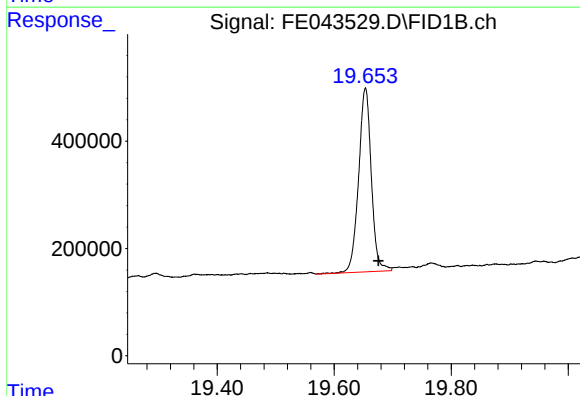
APPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :Ankita Jodhani 07/27/2023



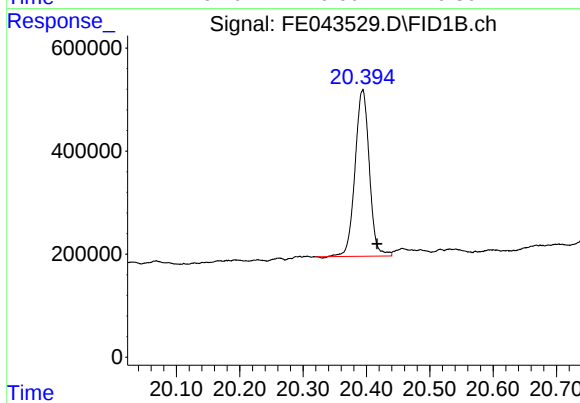
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.025 min
Response: 5057510
Conc: 34.13 ug/ml



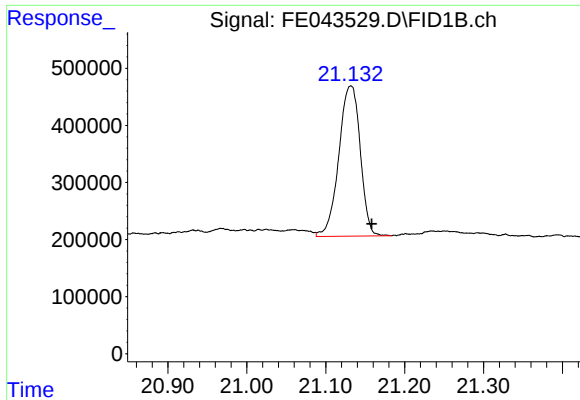
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.022 min
Response: 5175987
Conc: 35.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.022 min
Response: 5059913
Conc: 34.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: -0.026 min
Response: 4965494
Conc: 34.81 ug/ml

Instrument :

FID_E

ClientSampleId :

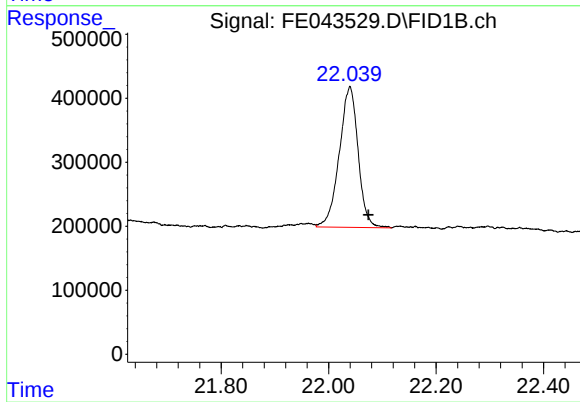
TR-5-072423MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/27/2023

Supervised By :Ankita Jodhani 07/27/2023



#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.034 min
Response: 5343281
Conc: 36.21 ug/ml