

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
 Data File : FE043511.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2023 20:36
 Operator : YP\AJ
 Sample : 03737-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :Ankita Jodhani 07/26/2023

Integration File: autoint1.e
 Quant Time: Jul 26 02:10:55 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)	11.884	4263970	23.812 ug/ml
Spiked Amount 50.000		Recovery =	47.62%
12) S 1-chlorooctadecane (S...	13.321	3195272	24.318 ug/ml
Spiked Amount 50.000		Recovery =	48.64%
Target Compounds			
1) T n-Nonane (C9)	3.286	6466776	42.355 ug/ml
2) T n-Decane (C10)	4.529	6660246	42.722 ug/ml
3) T A~Naphthalene (C11.7)	6.231	7074500	43.964 ug/ml
4) T n-Dodecane (C12)	6.690	6808081	43.206 ug/ml
5) T A~2-methylnaphthalene...	7.326	6814087	44.906 ug/ml
6) T n-Tetradecane (C14)	8.518	6834951	43.213 ug/ml
7) T n-Hexadecane (C16)	10.125	6658090	41.141 ug/ml
8) T n-Octadecane (C18)	11.567	6738683	41.337 ug/ml
10) T n-Eicosane (C20)	12.878	6739908	43.380 ug/ml
11) T n-Heneicosane (C21)	13.488	6522570	43.052 ug/mlm
13) T n-Docosane (C22)	14.075	6384185	42.718 ug/ml
14) T n-Tetracosane (C24)	15.172	12841043	87.437 ug/ml
15) T n-Hexacosane (C26)	16.201	6217181	43.651 ug/ml
16) T n-Octacosane (C28)	17.149	6168816	43.842 ug/mlm
17) T n-Tricontane (C30)	18.039	6217452	42.205 ug/ml
18) T n-Dotriacontane (C32)	18.870	6495742	43.837 ug/ml
19) T n-Tetratriacontane (C34)	19.652	6110044	42.336 ug/ml
20) T n-Hexatriacontane (C36)	20.392	5783744	39.351 ug/ml
21) T n-Octatriacontane (C38)	21.128	5990248	41.992 ug/ml
22) T n-Tetracontane (C40)	22.033	6315373	42.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072523AL\
Data File : FE043511.D
Signal(s) : FID1B.ch
Acq On : 25 Jul 2023 20:36
Operator : YP\AJ
Sample : 03737-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

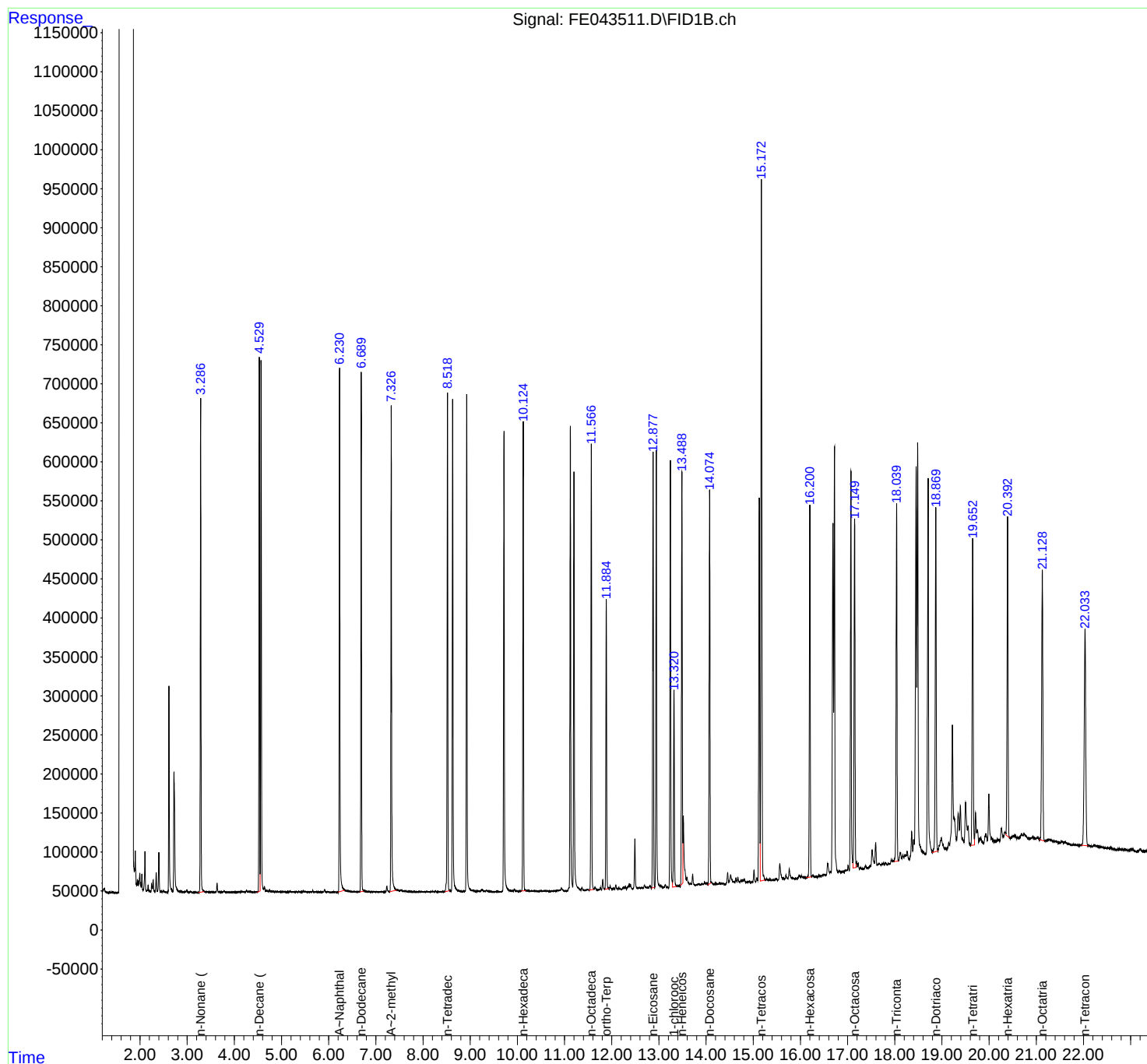
Instrument :
FID_E
ClientSampleId :
5MSD

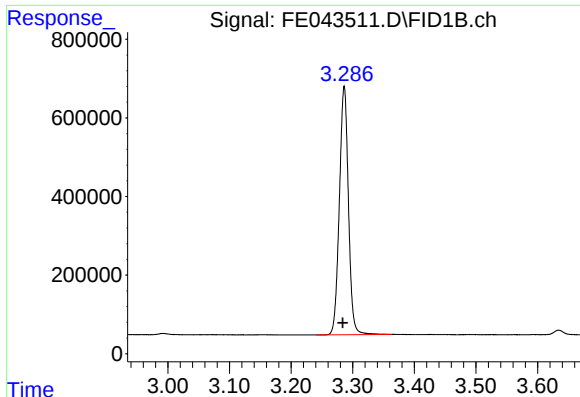
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023

Integration File: autoint1.e
Quant Time: Jul 26 02:10:55 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





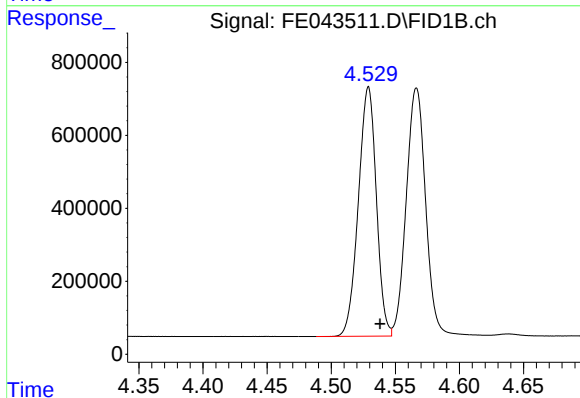
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.002 min
Response: 6466776
Conc: 42.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

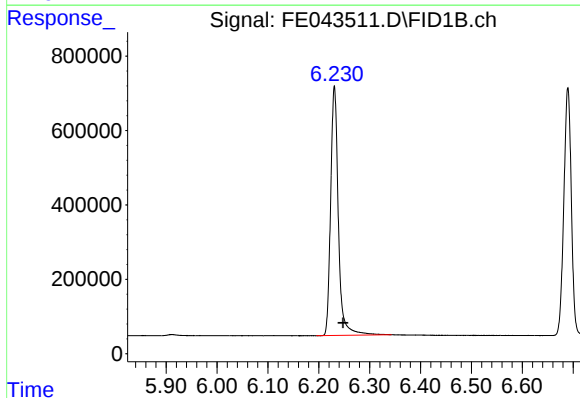
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023



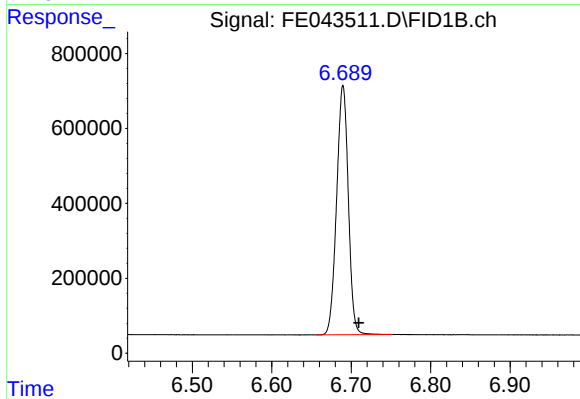
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.009 min
Response: 6660246
Conc: 42.72 ug/ml



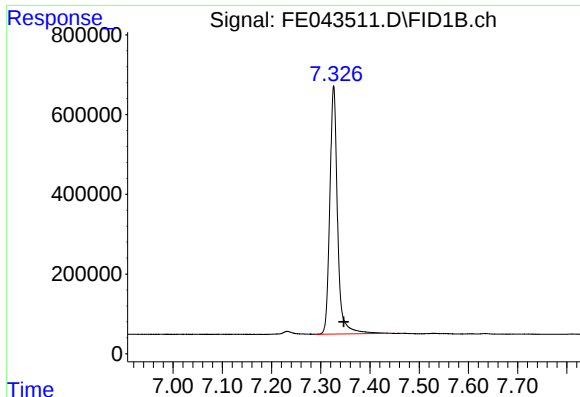
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.017 min
Response: 7074500
Conc: 43.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.690 min
Delta R.T.: -0.020 min
Response: 6808081
Conc: 43.21 ug/ml



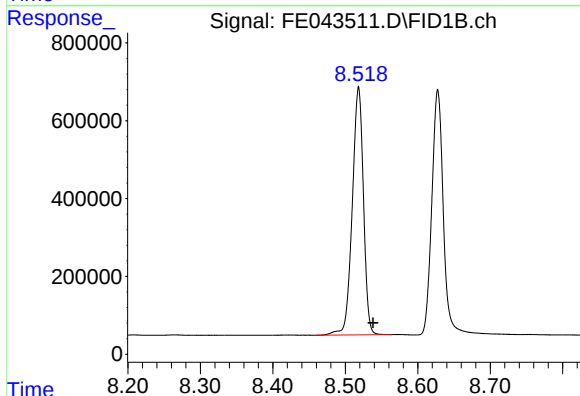
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.020 min
Response: 6814087
Conc: 44.91 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

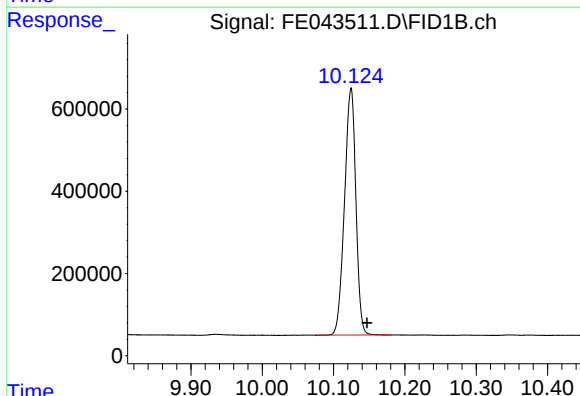
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023



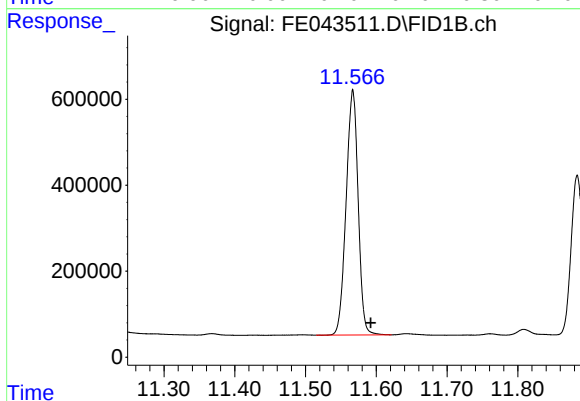
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.020 min
Response: 6834951
Conc: 43.21 ug/ml



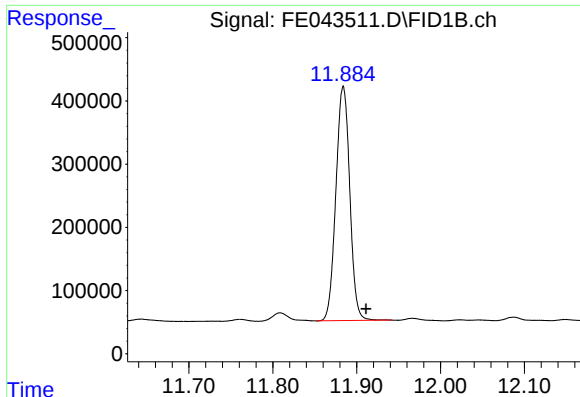
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.022 min
Response: 6658090
Conc: 41.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.025 min
Response: 6738683
Conc: 41.34 ug/ml



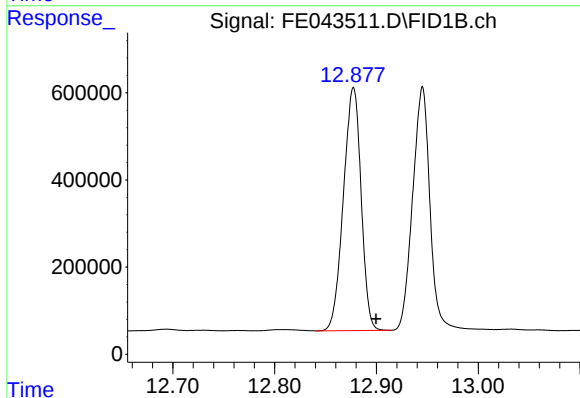
#9 ortho-Terphenyl (SURR)

R.T.: 11.884 min
Delta R.T.: -0.027 min
Response: 4263970
Conc: 23.81 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

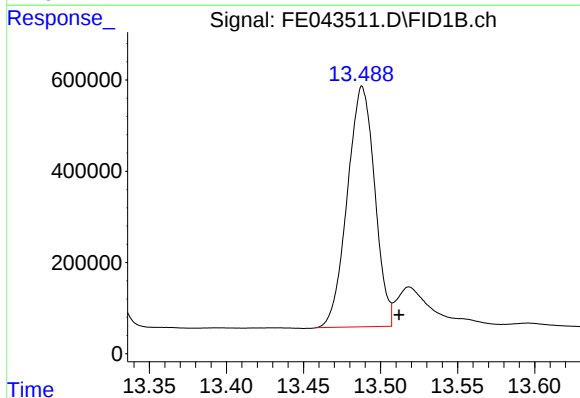
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023



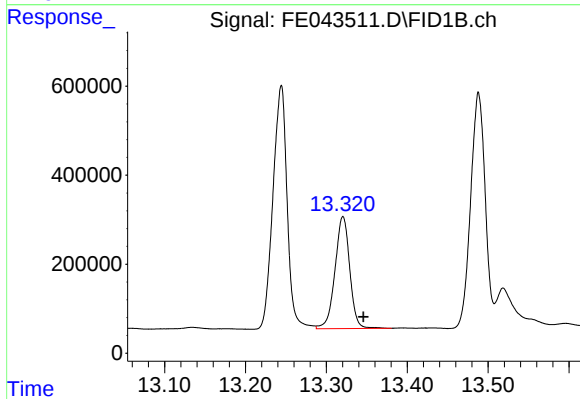
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.022 min
Response: 6739908
Conc: 43.38 ug/ml



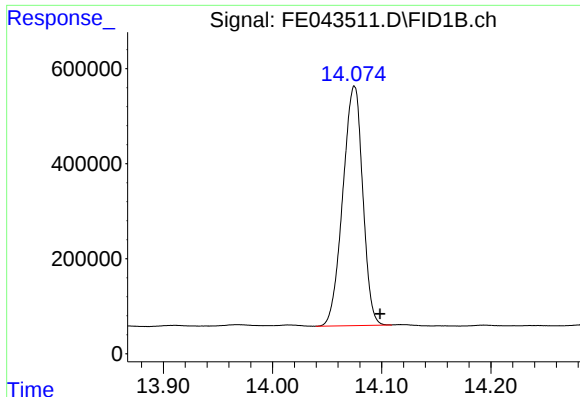
#11 n-Heneicosane (C21)

R.T.: 13.488 min
Delta R.T.: -0.025 min
Response: 6522570
Conc: 43.05 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: -0.025 min
Response: 3195272
Conc: 24.32 ug/ml



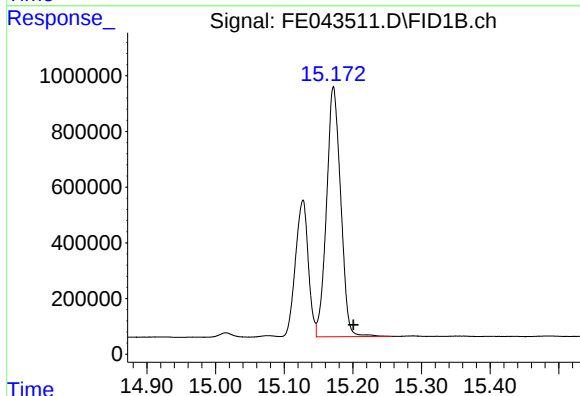
#13 n-Docosane (C22)

R.T.: 14.075 min
Delta R.T.: -0.023 min
Response: 6384185
Conc: 42.72 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

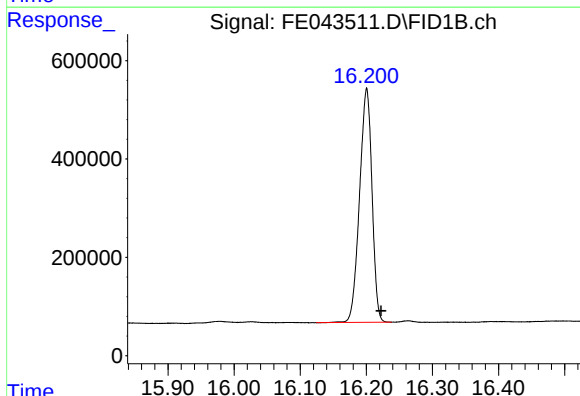
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023



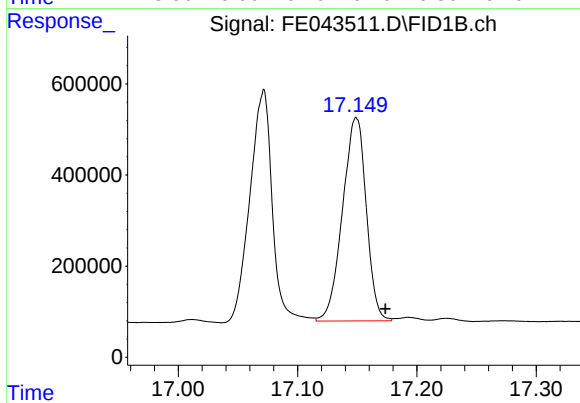
#14 n-Tetracosane (C24)

R.T.: 15.172 min
Delta R.T.: -0.029 min
Response: 12841043
Conc: 87.44 ug/ml



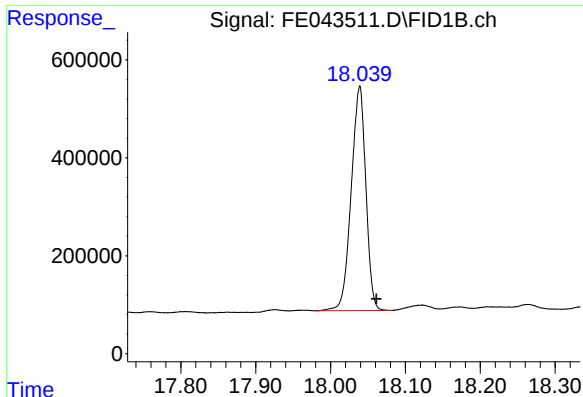
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.022 min
Response: 6217181
Conc: 43.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: -0.025 min
Response: 6168816
Conc: 43.84 ug/ml m



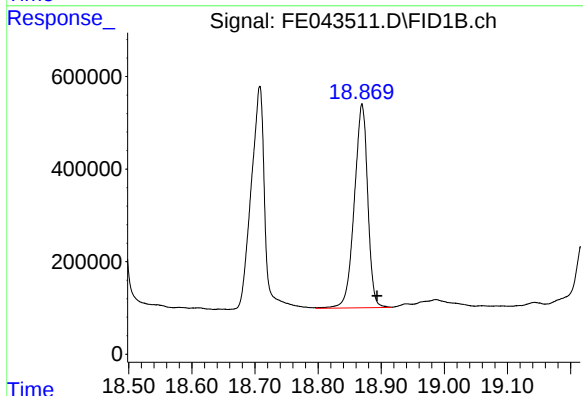
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: -0.022 min
Response: 6217452
Conc: 42.21 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

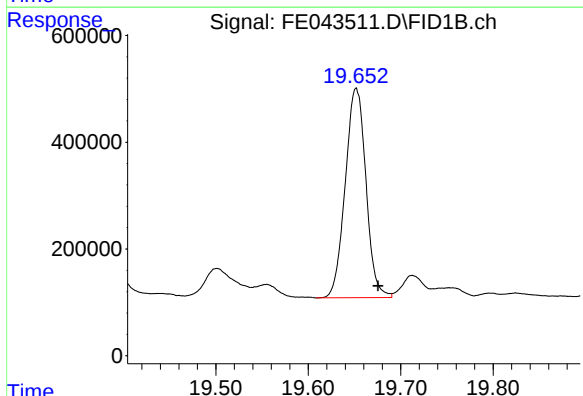
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023



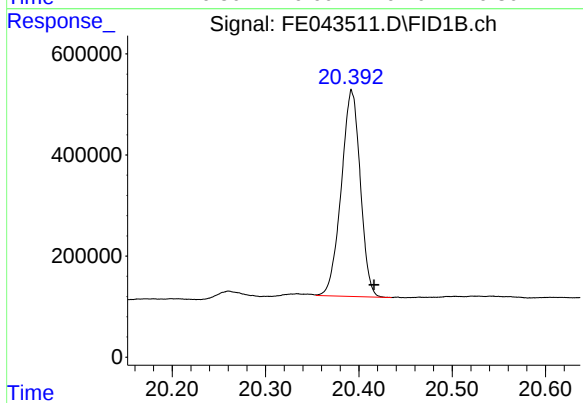
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.024 min
Response: 6495742
Conc: 43.84 ug/ml



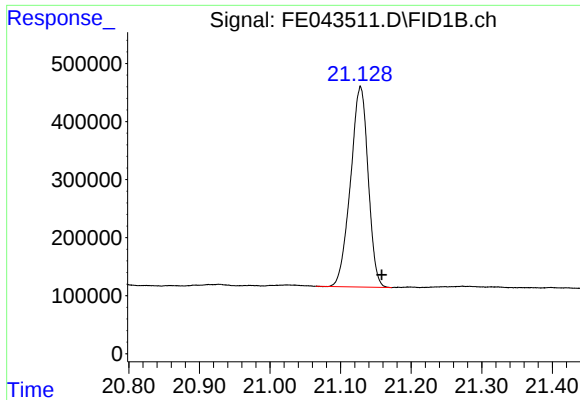
#19 n-Tetratriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.024 min
Response: 6110044
Conc: 42.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.024 min
Response: 5783744
Conc: 39.35 ug/ml



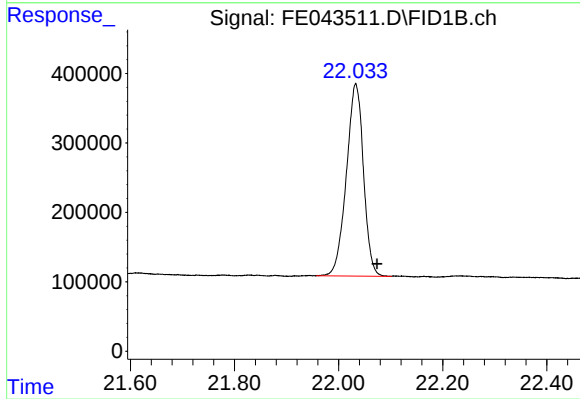
#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.030 min
Response: 5990248
Conc: 41.99 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/26/2023
Supervised By :Ankita Jodhani 07/26/2023



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.041 min
Response: 6315373
Conc: 42.79 ug/ml