

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101923AL\
 Data File : FC064876.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2023 18:27
 Operator : YP/AJ
 Sample : 04935-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OK-01-10172023MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
 Quant Time: Oct 20 01:07:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.528	5334377	24.983 ug/ml
Spiked Amount 50.000		Recovery =	49.97%
12) S 1-chlorooctadecane (S...	12.961	4620586	30.816 ug/ml
Spiked Amount 50.000		Recovery =	61.63%
Target Compounds			
1) T n-Nonane (C9)	3.325	4209488	22.919 ug/ml
2) T n-Decane (C10)	4.385	5021683	27.452 ug/ml
3) T A~Naphthalene (C11.7)	5.965	5789215	30.524 ug/ml
4) T n-Dodecane (C12)	6.395	5748259	30.839 ug/ml
5) T A~2-methylnaphthalene...	7.019	5844797	33.375 ug/ml
6) T n-Tetradecane (C14)	8.185	6424715	35.773 ug/ml
7) T n-Hexadecane (C16)	9.778	6799006	38.222 ug/ml
8) T n-Octadecane (C18)	11.215	7092227	39.523 ug/ml
10) T n-Eicosane (C20)	12.521	7408347	43.024 ug/ml
11) T n-Heneicosane (C21)	13.130	6974913	41.185 ug/ml
13) T n-Docosane (C22)	13.713	6852408	41.588 ug/ml
14) T n-Tetracosane (C24)	14.808	13825457	86.864 ug/ml
15) T n-Hexacosane (C26)	15.833	6626771	43.260 ug/ml
16) T n-Octacosane (C28)	16.780	7544923	51.199 ug/ml
17) T n-Tricontane (C30)	17.667	7286240	49.799 ug/ml
18) T n-Dotriacontane (C32)	18.497	6983986	48.368 ug/ml
19) T n-Tetratriacontane (C34)	19.283	7447901	52.933 ug/mlm
20) T n-Hexatriacontane (C36)	20.018	6332667	45.772 ug/mlm
21) T n-Octatriacontane (C38)	20.748	6538997	49.364 ug/mlm
22) T n-Tetracontane (C40)	21.641	5923833	47.334 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101923AL\
Data File : FC064876.D
Signal(s) : FID1A.ch
Acq On : 19 Oct 2023 18:27
Operator : YP/AJ
Sample : 04935-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

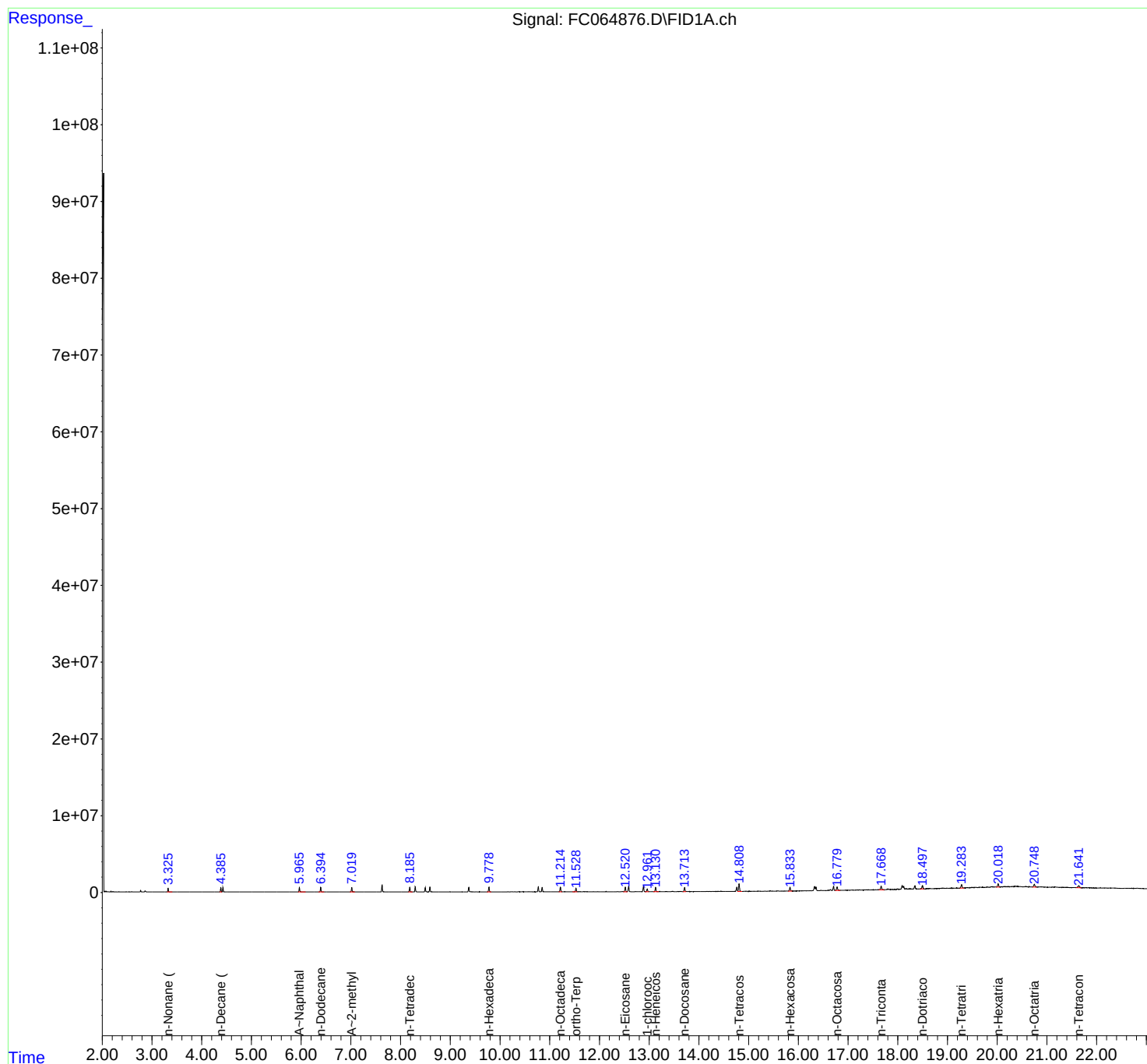
Instrument :
FID_C
ClientSampleId :
OK-01-10172023MSD

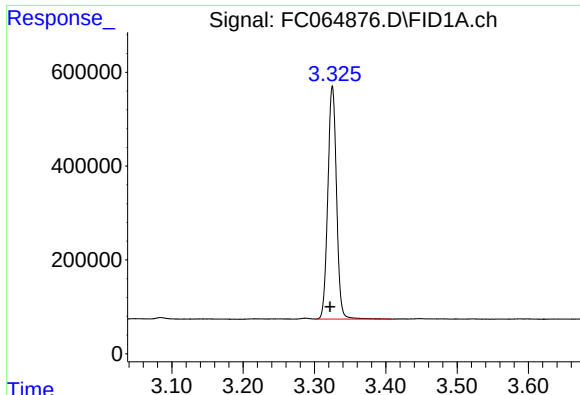
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023

Integration File: autoint1.e
Quant Time: Oct 20 01:07:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
Quant Title : GC Extractables
QLast Update : Tue Oct 10 12:17:45 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.: 3.325 min
Delta R.T.: 0.003 min
Response: 4209488
Conc: 22.92 ug/ml

Instrument :

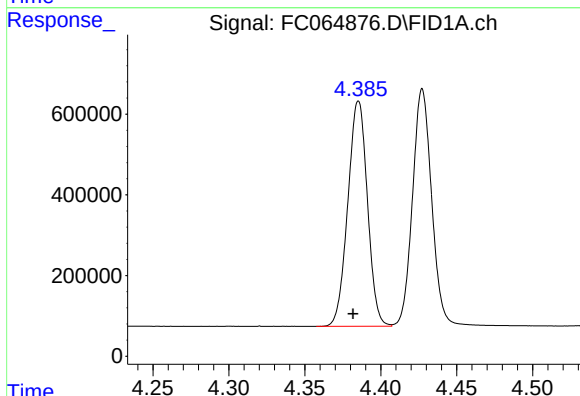
FID_C

ClientSampleId :

OK-01-10172023MSD

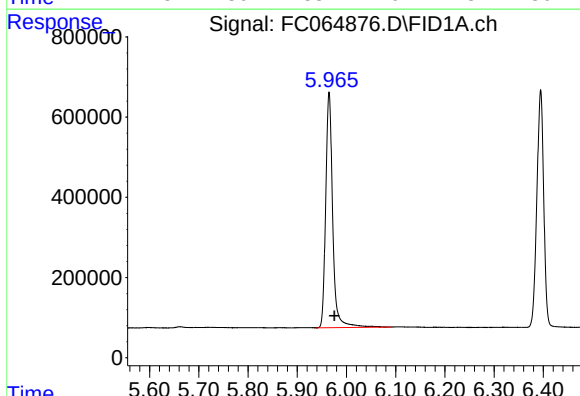
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



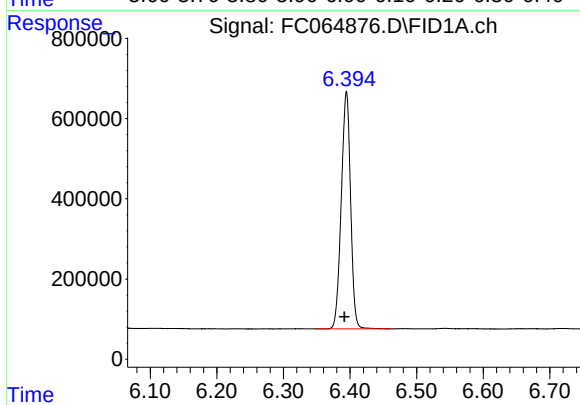
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: 0.004 min
Response: 5021683
Conc: 27.45 ug/ml



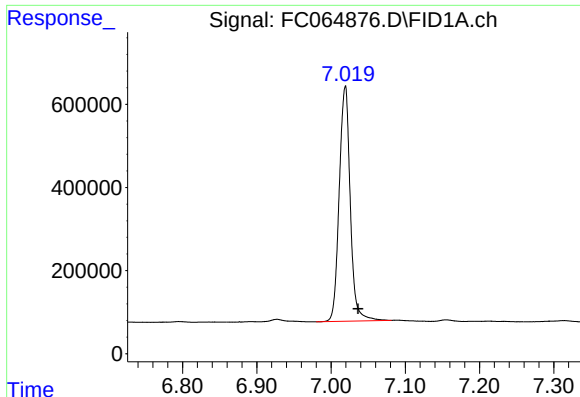
#3 A~Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 5789215
Conc: 30.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.395 min
Delta R.T.: 0.003 min
Response: 5748259
Conc: 30.84 ug/ml



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

R.T.: 7.019 min
Delta R.T.: -0.017 min
Response: 5844797
Conc: 33.37 ug/ml

Instrument :

FID_C

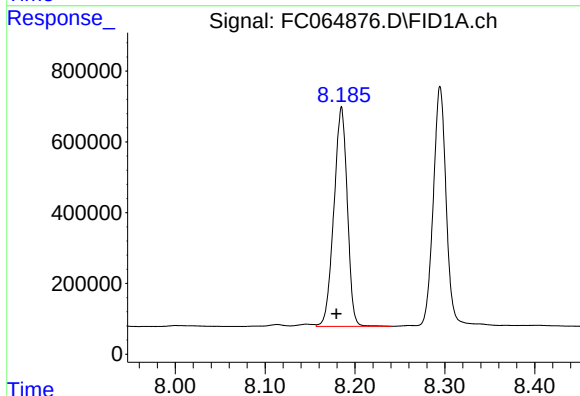
ClientSampleId :

OK-01-10172023MSD

Manual Integrations

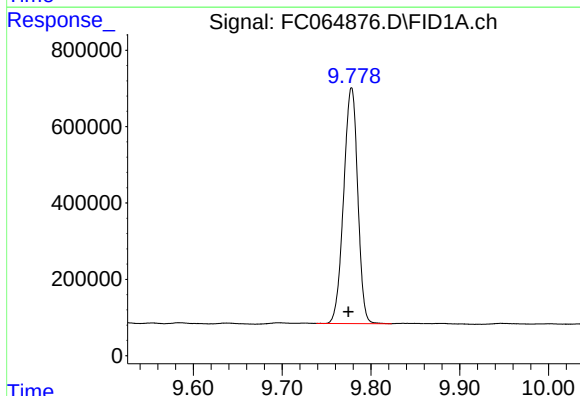
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



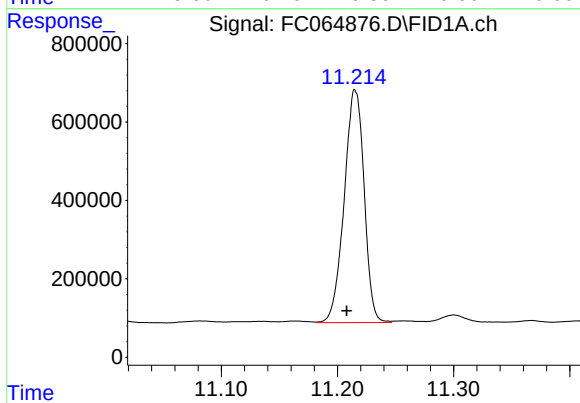
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.006 min
Response: 6424715
Conc: 35.77 ug/ml



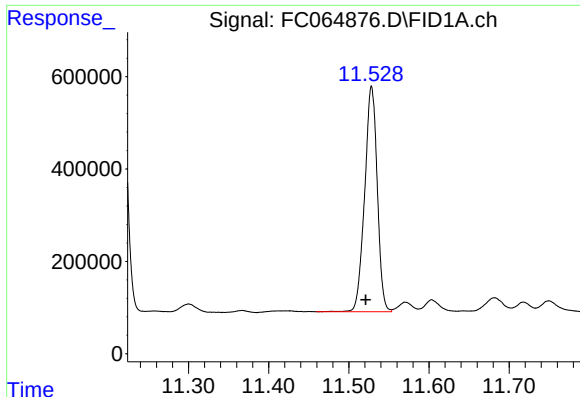
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.003 min
Response: 6799006
Conc: 38.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: 0.007 min
Response: 7092227
Conc: 39.52 ug/ml



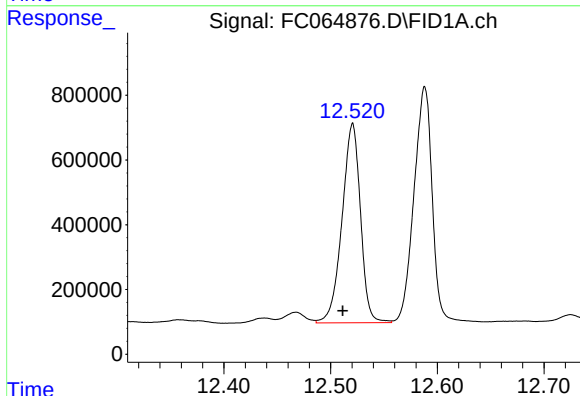
#9 ortho-Terphenyl (SURR)

R.T.: 11.528 min
Delta R.T.: 0.007 min
Response: 5334377
Conc: 24.98 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-10172023MSD

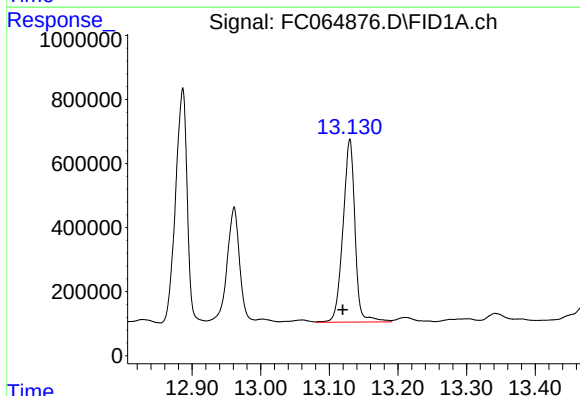
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



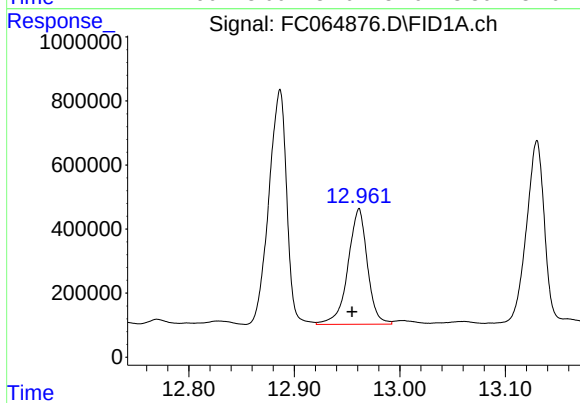
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: 0.009 min
Response: 7408347
Conc: 43.02 ug/ml



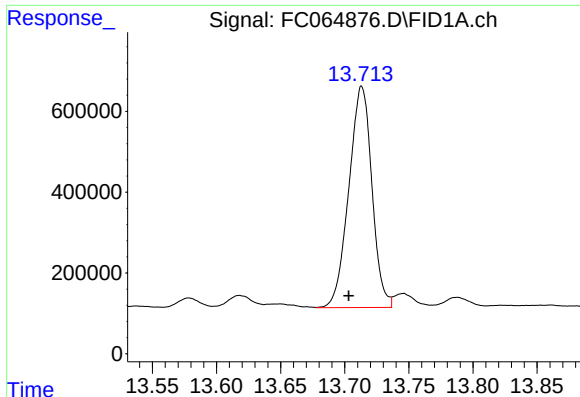
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.010 min
Response: 6974913
Conc: 41.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: 0.007 min
Response: 4620586
Conc: 30.82 ug/ml



#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.010 min
Response: 6852408
Conc: 41.59 ug/ml

Instrument :

FID_C

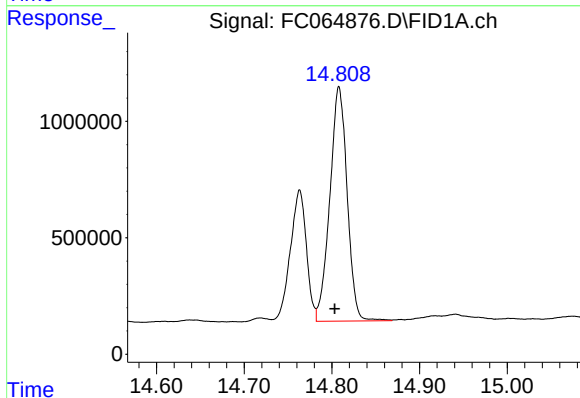
ClientSampleId :

OK-01-10172023MSD

Manual Integrations

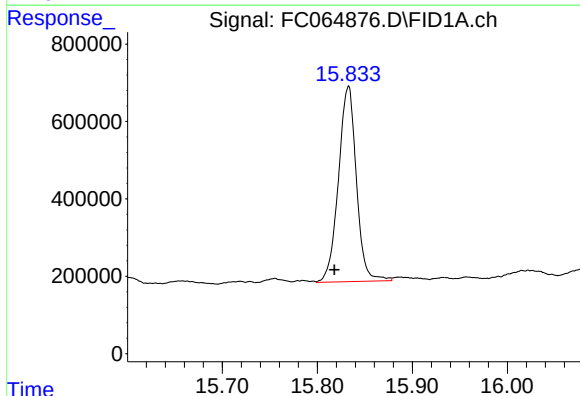
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



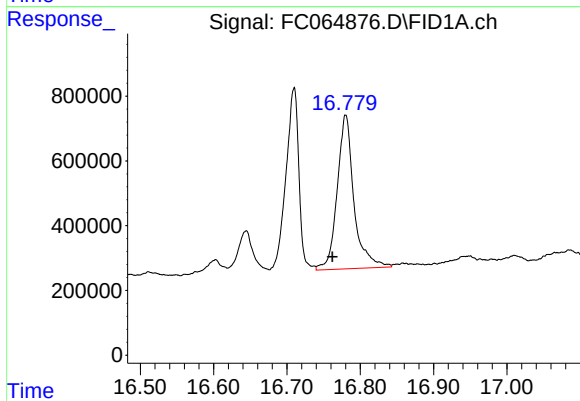
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: 0.005 min
Response: 13825457
Conc: 86.86 ug/ml



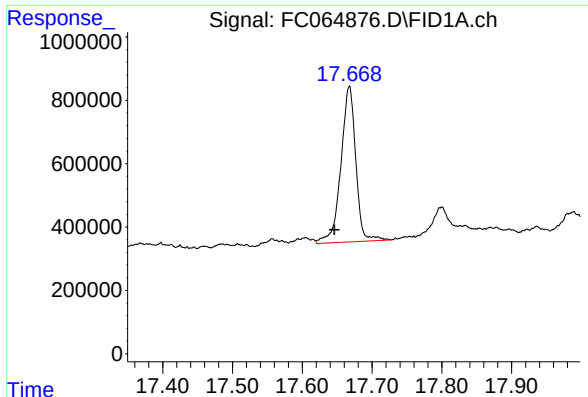
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.015 min
Response: 6626771
Conc: 43.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: 0.018 min
Response: 7544923
Conc: 51.20 ug/ml



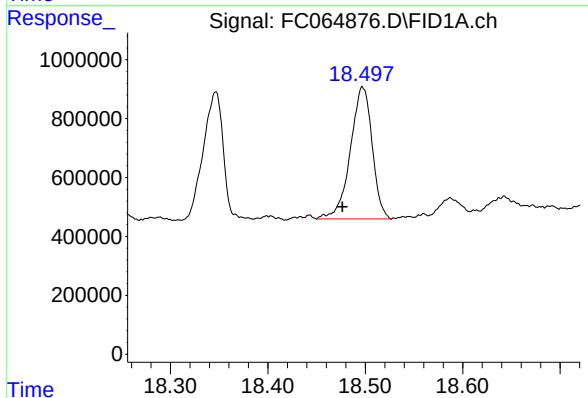
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: 0.021 min
Response: 7286240
Conc: 49.80 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-10172023MSD

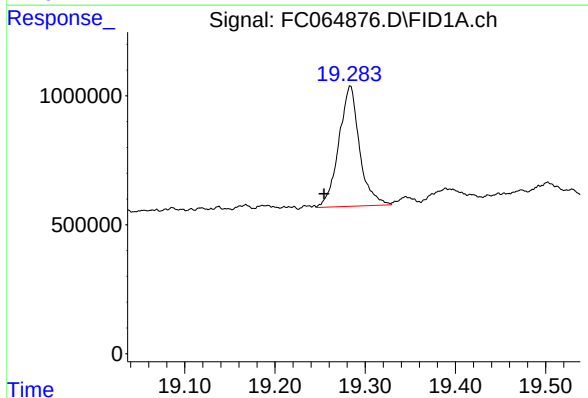
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



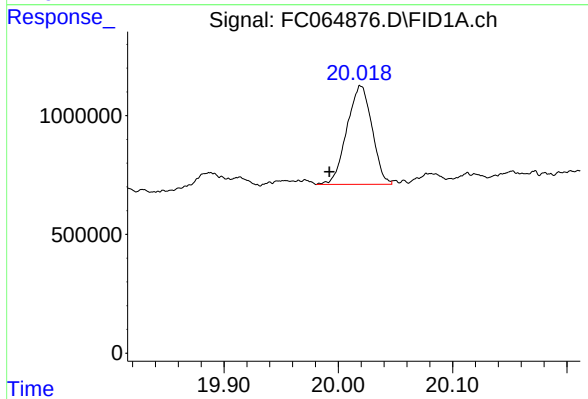
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.021 min
Response: 6983986
Conc: 48.37 ug/ml



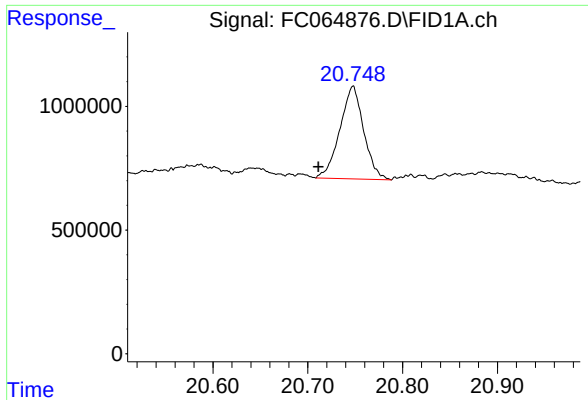
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.028 min
Response: 7447901
Conc: 52.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.018 min
Delta R.T.: 0.026 min
Response: 6332667
Conc: 45.77 ug/ml m



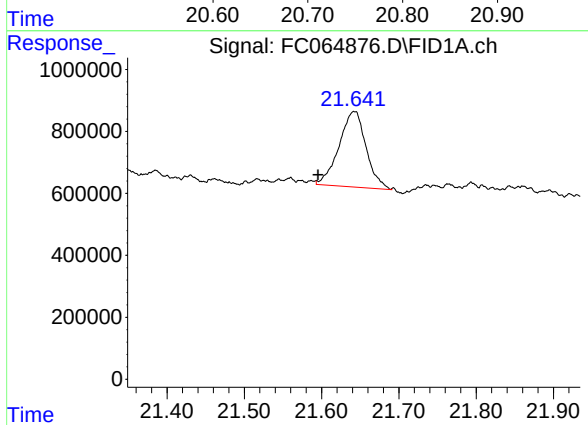
#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.037 min
Response: 6538997
Conc: 49.36 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-10172023MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.045 min
Response: 5923833
Conc: 47.33 ug/ml m