

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
 Data File : FC063336.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 17:36
 Operator : YP/AJ
 Sample : 02230-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OK-01-040623MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 05:50:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.532	3870047	25.436 ug/ml
Spiked Amount 50.000		Recovery =	50.87%
12) S 1-chlorooctadecane (S...	12.969	3292005	29.753 ug/ml
Spiked Amount 50.000		Recovery =	59.51%
Target Compounds			
1) T n-Nonane (C9)	3.302	3350467	23.864 ug/ml
2) T n-Decane (C10)	4.368	3785757	27.781 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4198521	27.805 ug/ml
4) T n-Dodecane (C12)	6.385	4119249	30.620 ug/ml
5) T A~2-methylnaphthalene...	7.006	4180839	30.017 ug/ml
6) T n-Tetradecane (C14)	8.179	4411482	32.587 ug/ml
7) T n-Hexadecane (C16)	9.779	4844428	35.674 ug/ml
8) T n-Octadecane (C18)	11.220	4928122	35.579 ug/ml
10) T n-Eicosane (C20)	12.528	4989106	37.135 ug/ml
11) T n-Heneicosane (C21)	13.139	4767362	35.422 ug/ml
13) T n-Docosane (C22)	13.724	4859307	36.439 ug/ml
14) T n-Tetracosane (C24)	14.825	4487164	33.373 ug/ml
15) T n-Hexacosane (C26)	15.845	4821255	36.019 ug/mlm
16) T n-Octacosane (C28)	16.794	4978745	36.770 ug/ml
17) T n-Tricontane (C30)	17.681	5612913	40.575 ug/ml
18) T n-Dotriacontane (C32)	18.513	5355724	37.936 ug/ml
19) T n-Tetratriacontane (C34)	19.296	5839939	42.318 ug/ml
20) T n-Hexatriacontane (C36)	20.035	5045368	39.473 ug/mlm
21) T n-Octatriacontane (C38)	20.766	5003207	40.633 ug/mlm
22) T n-Tetracontane (C40)	21.669	5265429	44.744 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
Data File : FC063336.D
Signal(s) : FID1A.ch
Acq On : 07 Apr 2023 17:36
Operator : YP/AJ
Sample : 02230-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

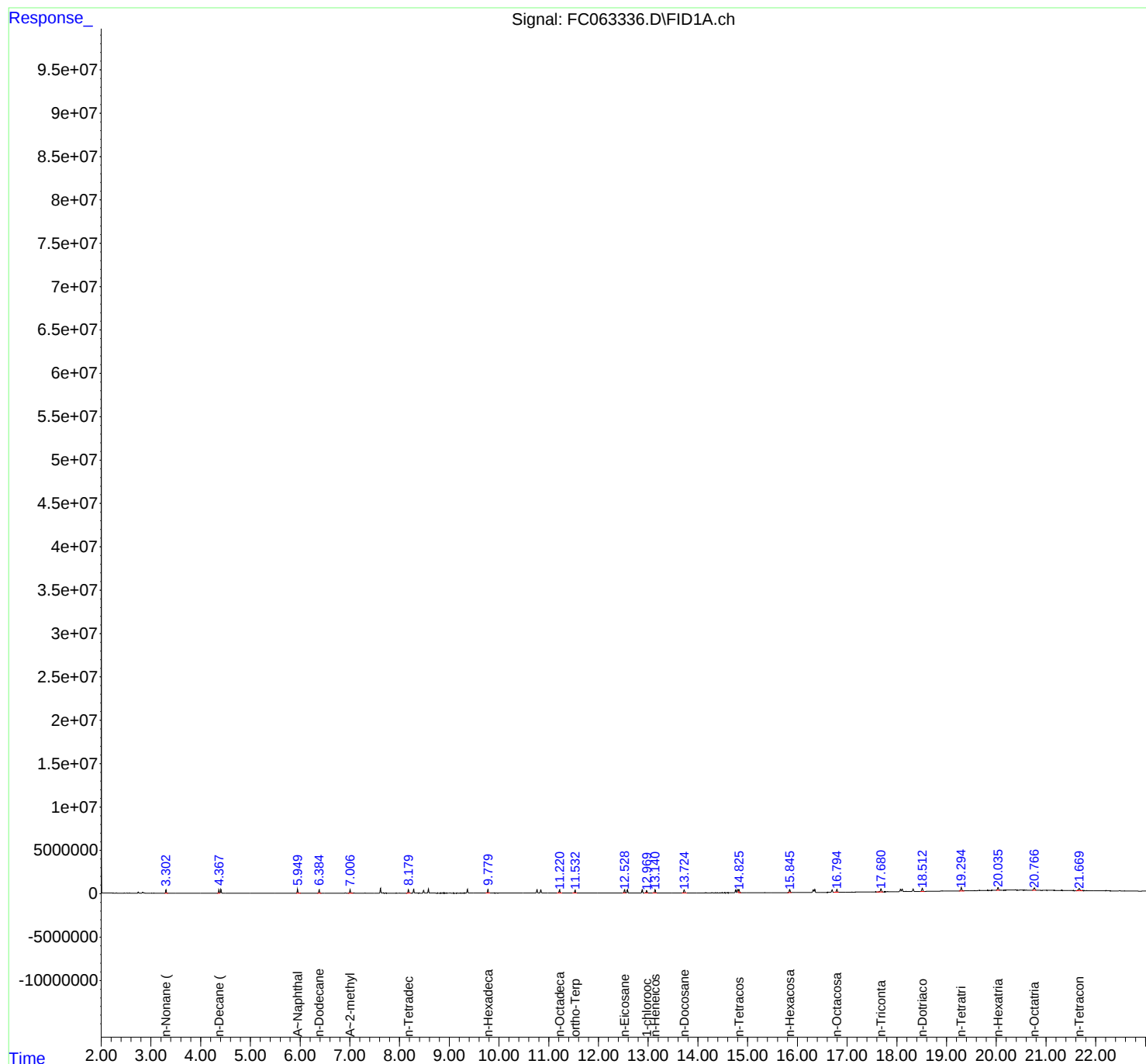
Instrument :
FID_C
ClientSampleId :
OK-01-040623MS

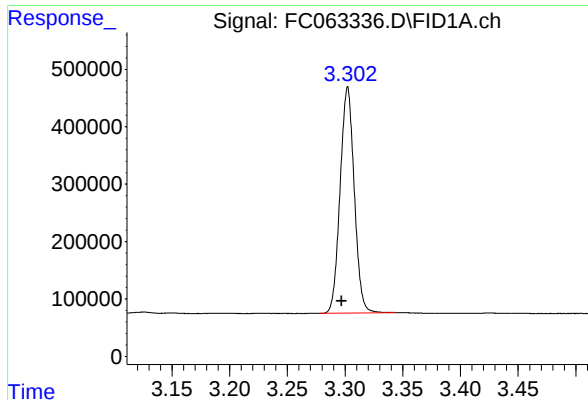
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
Quant Time: Apr 10 05:50:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
Quant Title : GC Extractables
QLast Update : Wed Apr 05 07:22:46 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





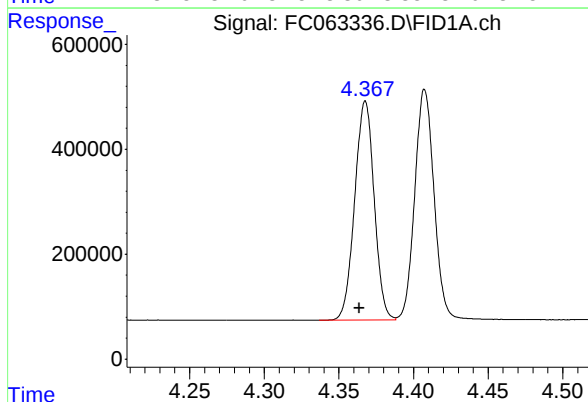
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.005 min
Response: 3350467
Conc: 23.86 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-040623MS

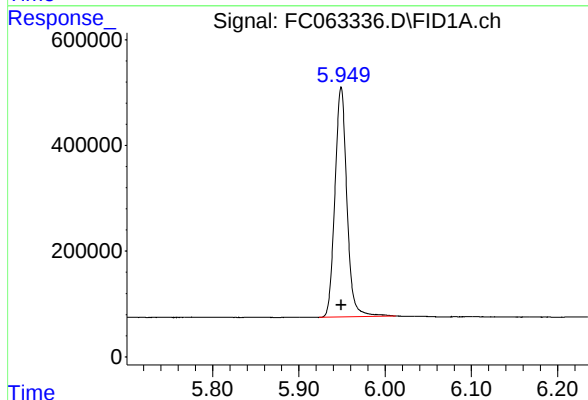
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



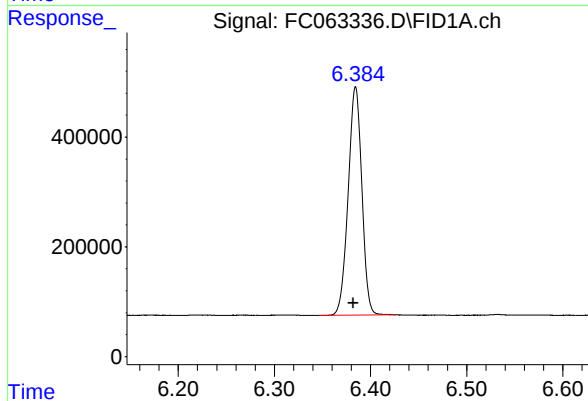
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.004 min
Response: 3785757
Conc: 27.78 ug/ml



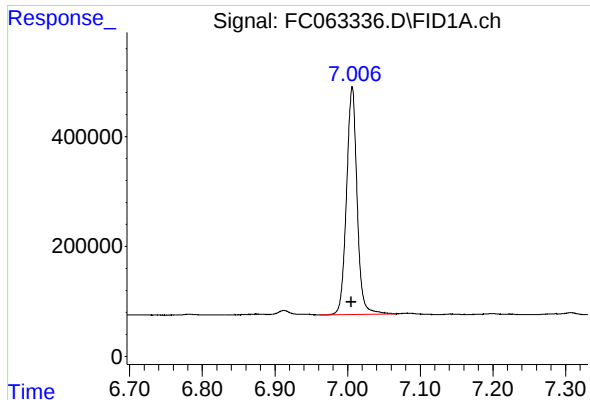
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 4198521
Conc: 27.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 4119249
Conc: 30.62 ug/ml



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

R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 4180839
Conc: 30.02 ug/ml

Instrument :

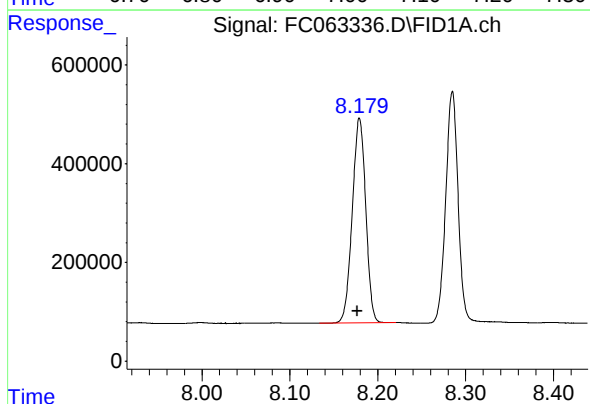
FID_C

ClientSampleId :

OK-01-040623MS

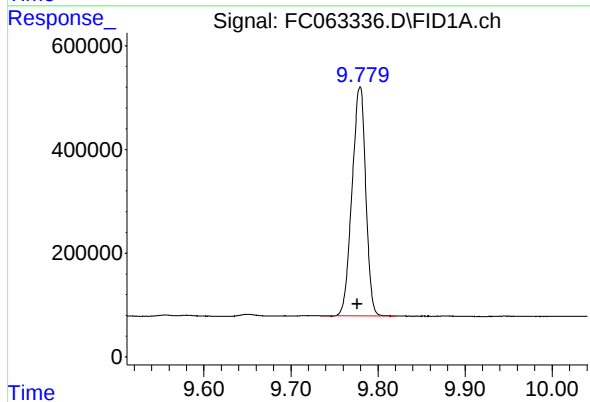
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



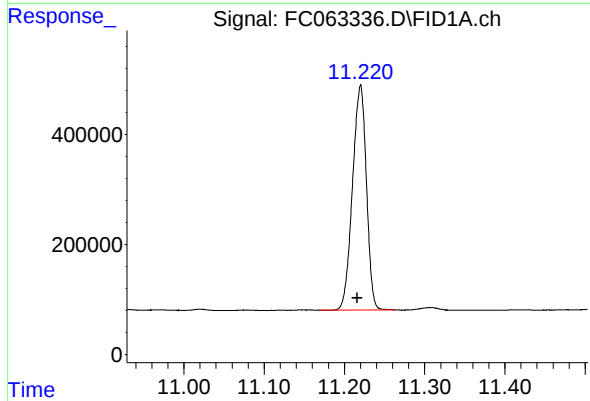
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.003 min
Response: 4411482
Conc: 32.59 ug/ml



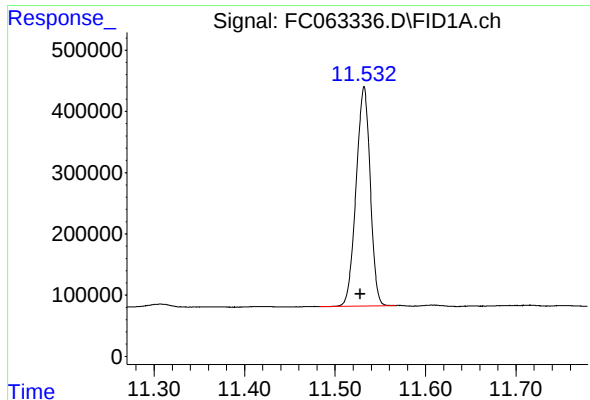
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.003 min
Response: 4844428
Conc: 35.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: 0.004 min
Response: 4928122
Conc: 35.58 ug/ml



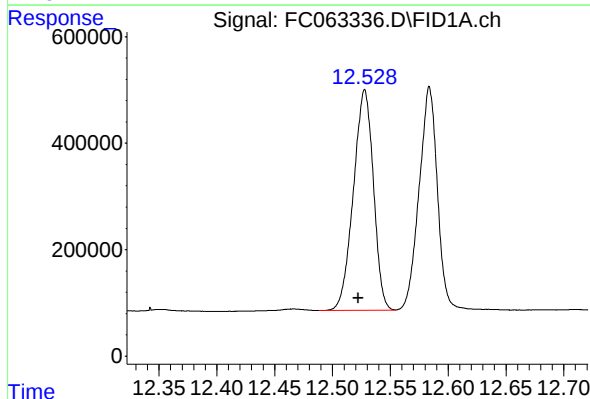
#9 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: 0.004 min
Response: 3870047
Conc: 25.44 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-040623MS

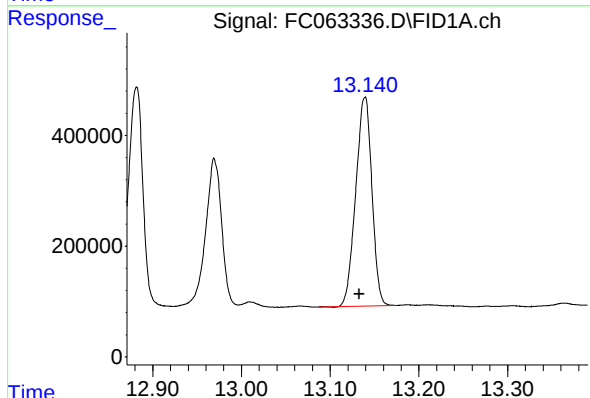
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



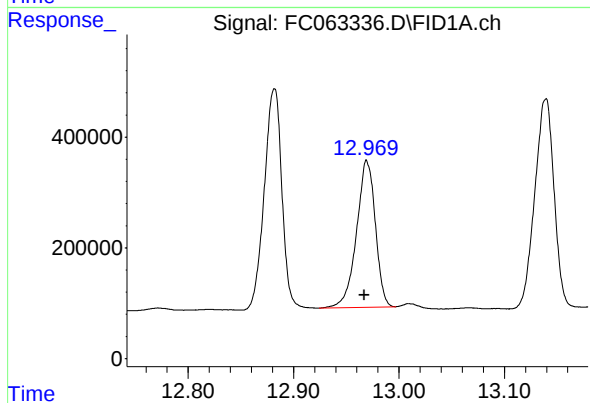
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.005 min
Response: 4989106
Conc: 37.14 ug/ml



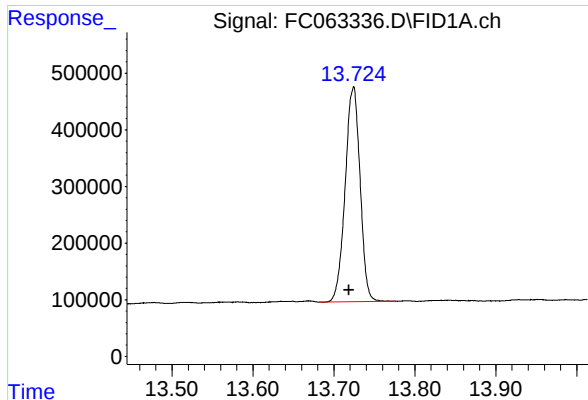
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.006 min
Response: 4767362
Conc: 35.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: 0.002 min
Response: 3292005
Conc: 29.75 ug/ml



#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: 0.006 min
Response: 4859307
Conc: 36.44 ug/ml

Instrument :

FID_C

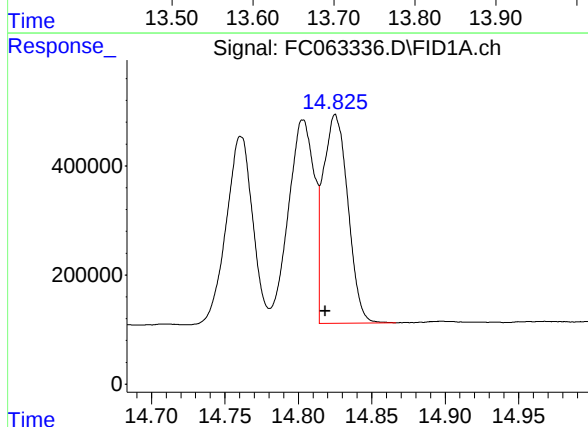
ClientSampleId :

OK-01-040623MS

Manual Integrations

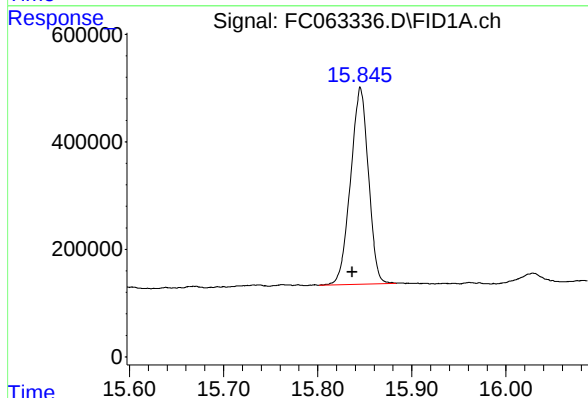
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



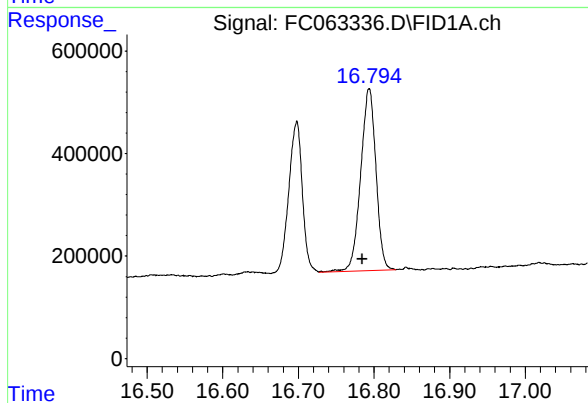
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: 0.007 min
Response: 4487164
Conc: 33.37 ug/ml



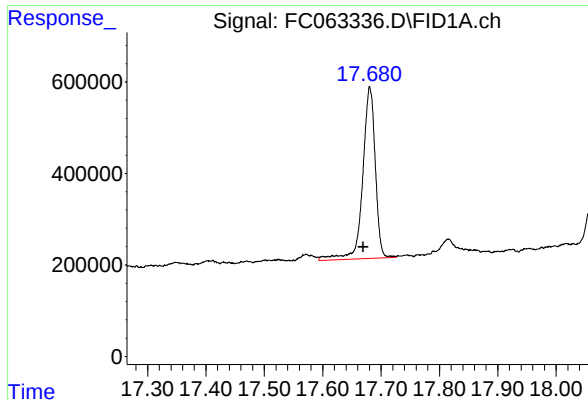
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.008 min
Response: 4821255
Conc: 36.02 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: 0.009 min
Response: 4978745
Conc: 36.77 ug/ml



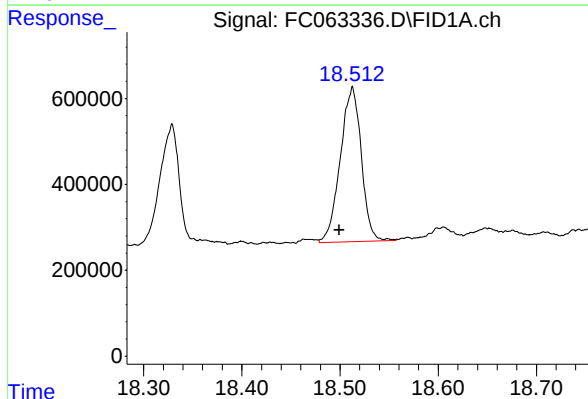
#17 n-Tricontane (C30)

R.T.: 17.681 min
Delta R.T.: 0.011 min
Response: 5612913
Conc: 40.58 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-040623MS

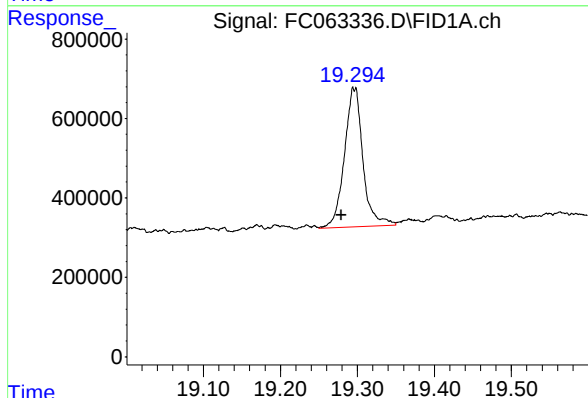
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



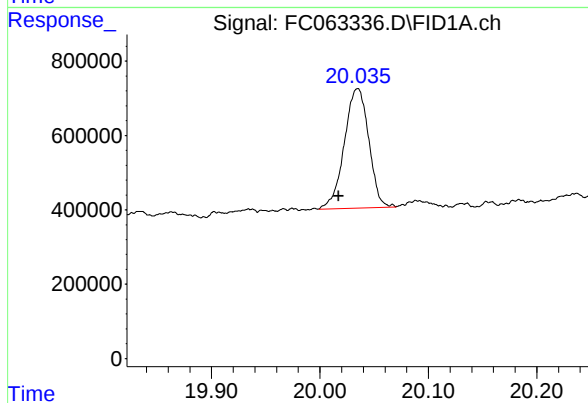
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: 0.013 min
Response: 5355724
Conc: 37.94 ug/ml



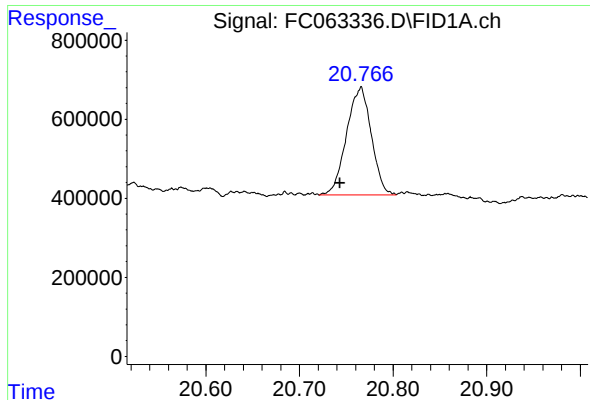
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: 0.017 min
Response: 5839939
Conc: 42.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.035 min
Delta R.T.: 0.018 min
Response: 5045368
Conc: 39.47 ug/ml m



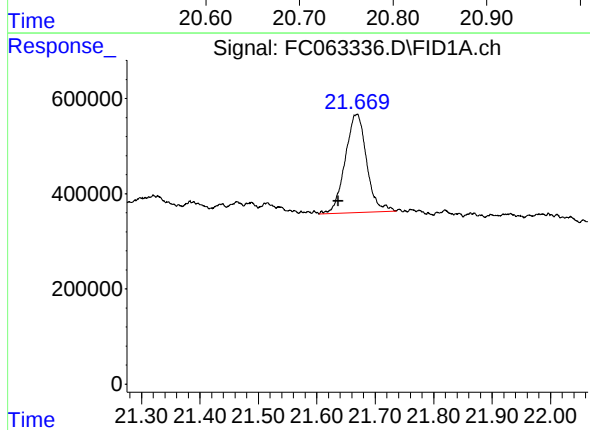
#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: 0.023 min
Response: 5003207
Conc: 40.63 ug/ml

Instrument :
FID_C
ClientSampleId :
OK-01-040623MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: 0.032 min
Response: 5265429
Conc: 44.74 ug/ml