

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
 Data File : FC054178.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2021 16:36
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Ankita
 6/11/2021 2:28:35 PM

Integration File: autoint1.e
 Quant Time: Jun 11 04:22:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:19:34 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.350	1565371	10.721 ug/ml
Spiked Amount 50.000		Recovery =	21.44%
12) S 1-chlorooctadecane (S...	12.794	1229945	10.835 ug/ml
Spiked Amount 50.000		Recovery =	21.67%
Target Compounds			
1) T n-Nonane (C9)	3.166	1336566	10.760 ug/mlm
2) T n-Decane (C10)	4.219	1266543	10.110 ug/mlm
3) T A~Naphthalene (C11.7)	5.786	1465723	10.450 ug/ml
4) T n-Dodecane (C12)	6.226	1341093	10.582 ug/ml
5) T A~2-methylnaphthalene...	6.838	1458635	10.482 ug/ml
6) T n-Tetradecane (C14)	8.014	1352270	10.437 ug/ml
7) T n-Hexadecane (C16)	9.609	1397271	10.645 ug/ml
8) T n-Octadecane (C18)	11.046	1443339	10.737 ug/ml
10) T n-Eicosane (C20)	12.354	1442425	10.801 ug/ml
11) T n-Heneicosane (C21)	12.963	1462579	10.843 ug/ml
13) T n-Docosane (C22)	13.549	1447641	10.898 ug/ml
14) T n-Tetracosane (C24)	14.650	1453502	10.988 ug/ml
15) T n-Hexacosane (C26)	15.669	1424841	11.020 ug/ml
16) T n-Octacosane (C28)	16.619	1399658	11.091 ug/ml
17) T n-Tricontane (C30)	17.505	1358929	11.069 ug/ml
18) T n-Dotriacontane (C32)	18.337	1291879	10.963 ug/ml
19) T n-Tetratriacontane (C34)	19.120	1222393	10.880 ug/ml
20) T n-Hexatriacontane (C36)	19.858	1138442	10.821 ug/mlm
21) T n-Octatriacontane (C38)	20.567	1063775	10.858 ug/ml
22) T n-Tetracontane (C40)	21.397	1101601	10.838 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
Data File : FC054178.D
Signal(s) : FID1A.CH
Acq On : 10 Jun 2021 16:36
Operator : DD\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 9 Sample Multiplier: 1

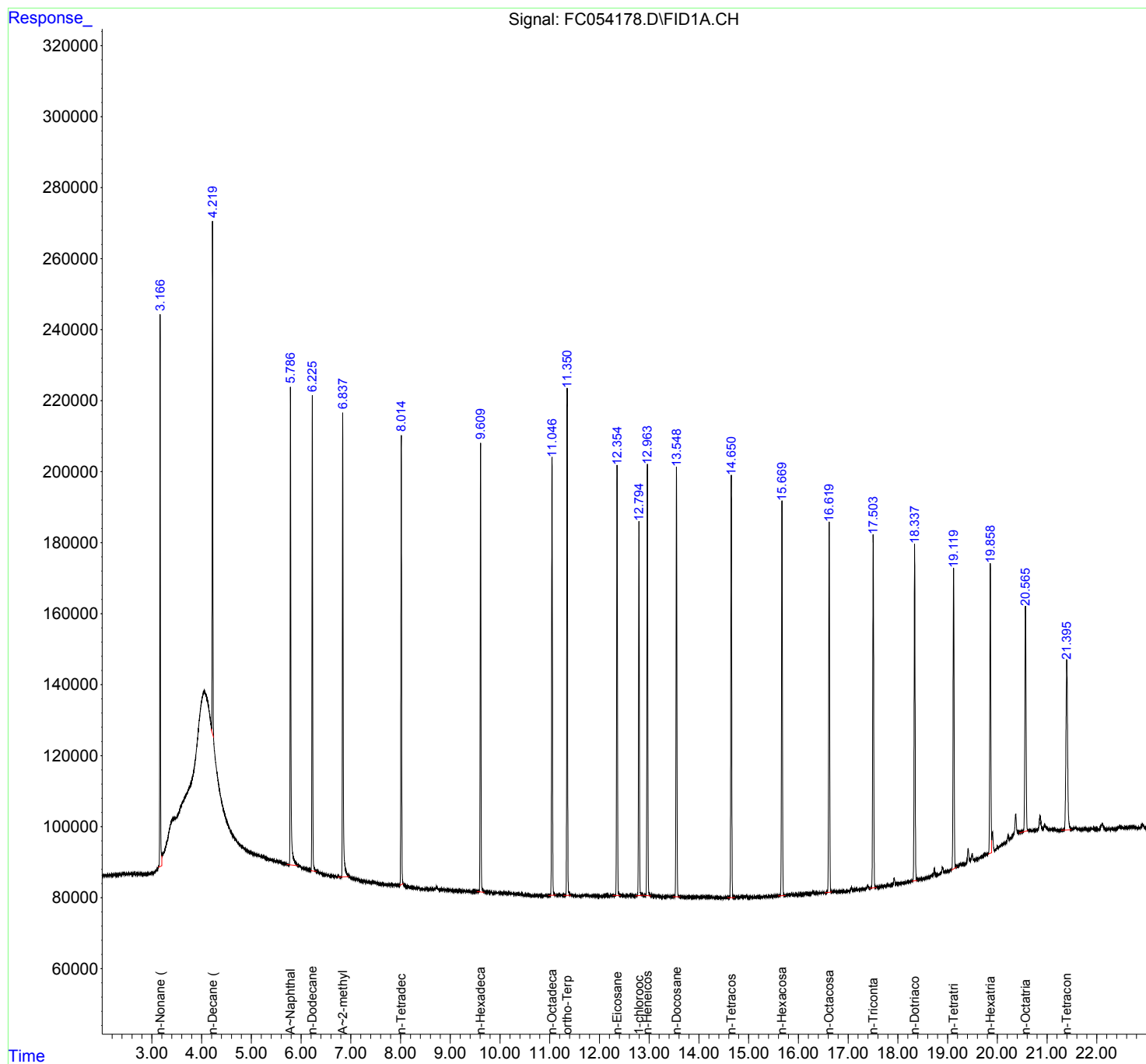
Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

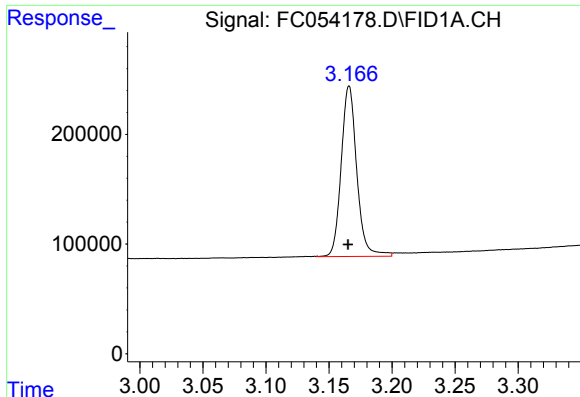
Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM

Integration File: autoint1.e
Quant Time: Jun 11 04:22:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 04:19:34 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





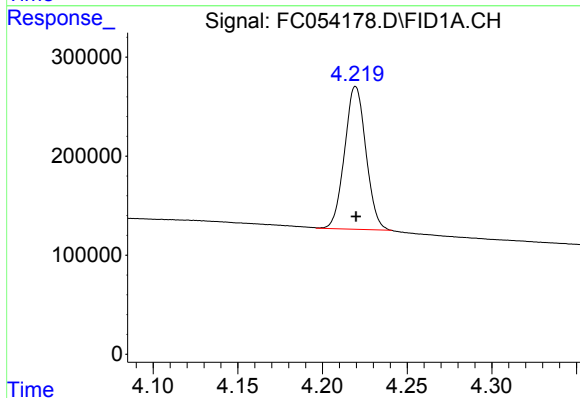
#1 n-Nonane (C9)

R.T.: 3.166 min
Delta R.T.: 0.000 min
Response: 1336566
Conc: 10.76 ug/ml m

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

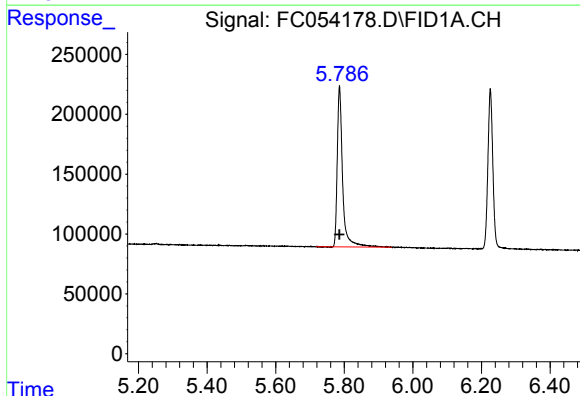
Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM



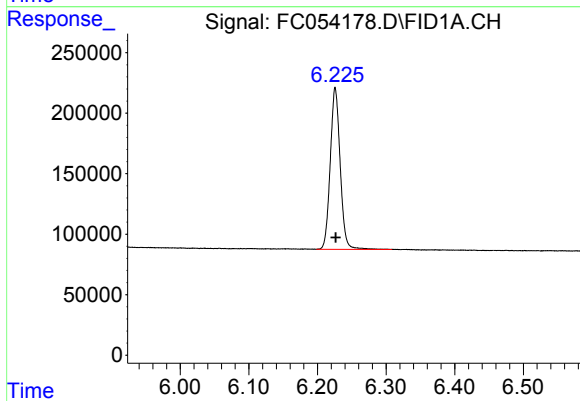
#2 n-Decane (C10)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 1266543
Conc: 10.11 ug/ml m



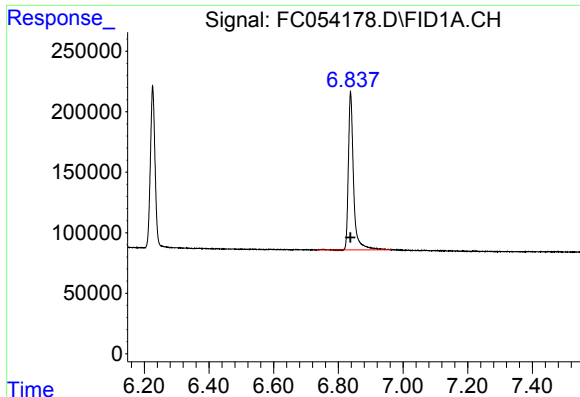
#3 A~Naphthalene (C11.7)

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 1465723
Conc: 10.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 1341093
Conc: 10.58 ug/ml



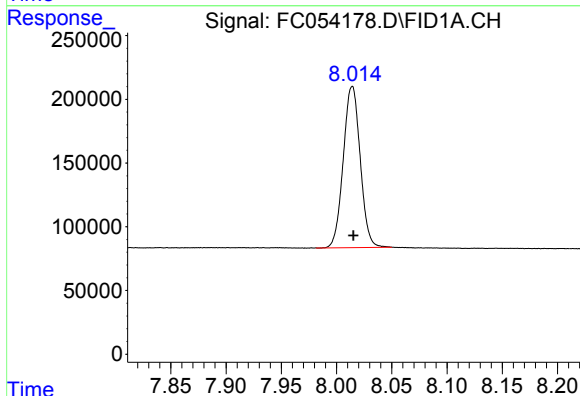
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 1458635
Conc: 10.48 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

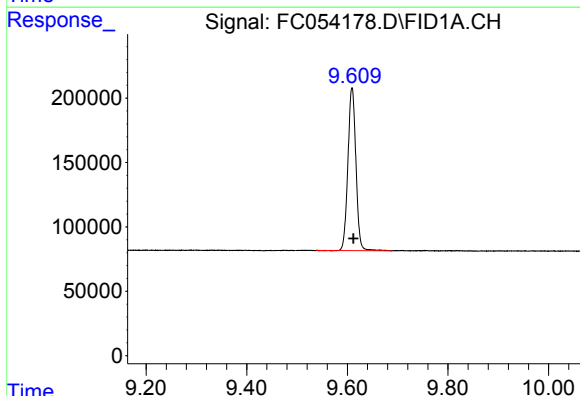
Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM



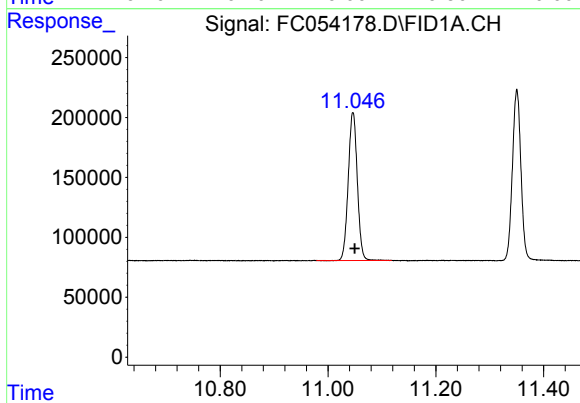
#6 n-Tetradecane (C14)

R.T.: 8.014 min
Delta R.T.: -0.001 min
Response: 1352270
Conc: 10.44 ug/ml



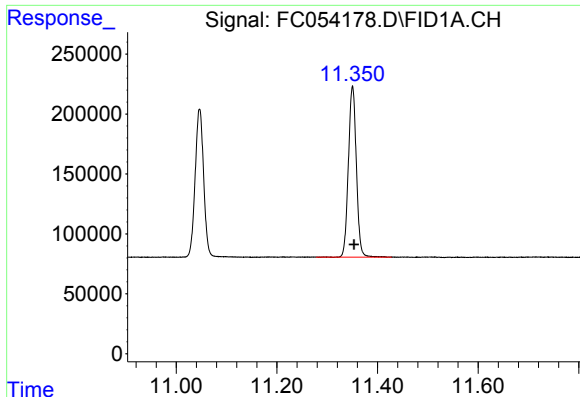
#7 n-Hexadecane (C16)

R.T.: 9.609 min
Delta R.T.: -0.003 min
Response: 1397271
Conc: 10.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.046 min
Delta R.T.: -0.003 min
Response: 1443339
Conc: 10.74 ug/ml



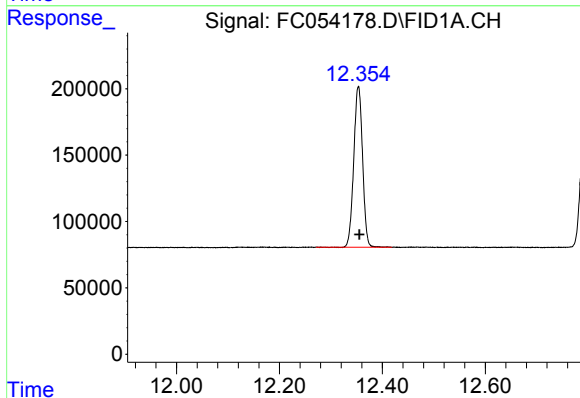
#9 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: -0.003 min
Response: 1565371
Conc: 10.72 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

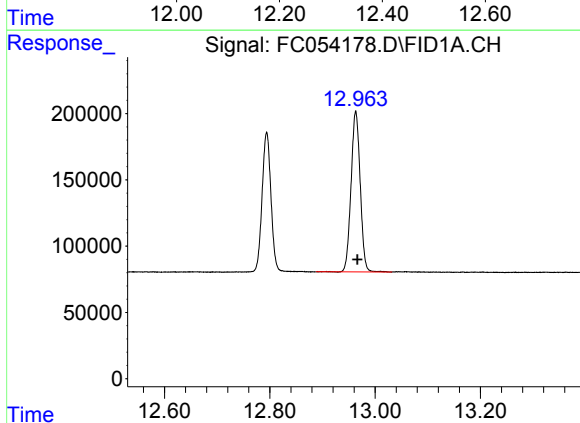
Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM



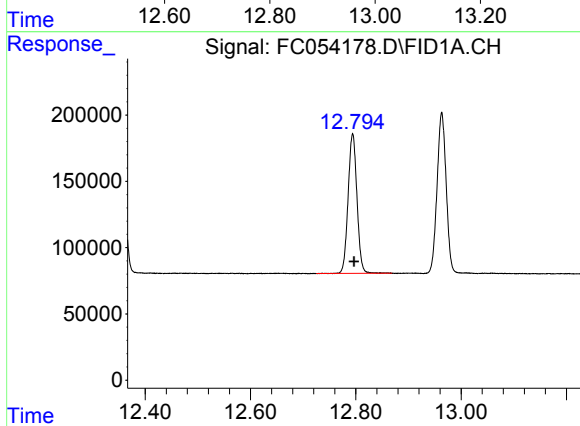
#10 n-Eicosane (C20)

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 1442425
Conc: 10.80 ug/ml



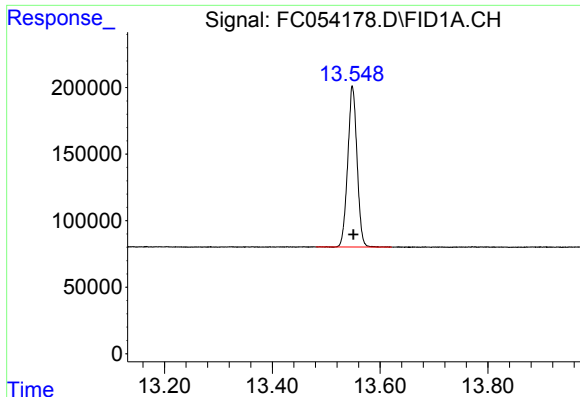
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: -0.003 min
Response: 1462579
Conc: 10.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.002 min
Response: 1229945
Conc: 10.84 ug/ml



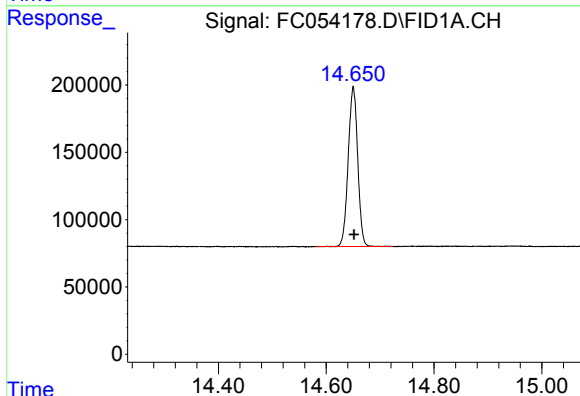
#13 n-Docosane (C22)

R.T.: 13.549 min
Delta R.T.: -0.002 min
Response: 1447641
Conc: 10.90 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

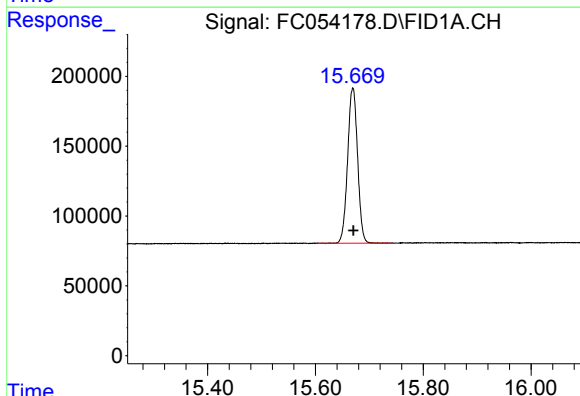
Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM



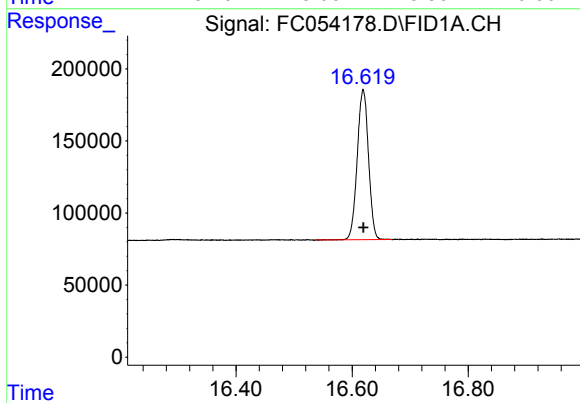
#14 n-Tetracosane (C24)

R.T.: 14.650 min
Delta R.T.: -0.001 min
Response: 1453502
Conc: 10.99 ug/ml



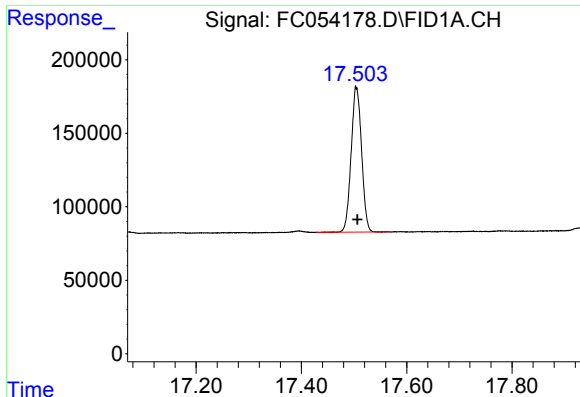
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.001 min
Response: 1424841
Conc: 11.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.619 min
Delta R.T.: 0.000 min
Response: 1399658
Conc: 11.09 ug/ml



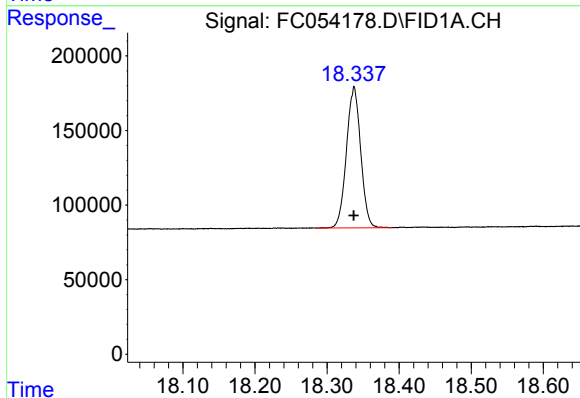
#17 n-Tricontane (C30)

R.T.: 17.505 min
Delta R.T.: -0.001 min
Response: 1358929
Conc: 11.07 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

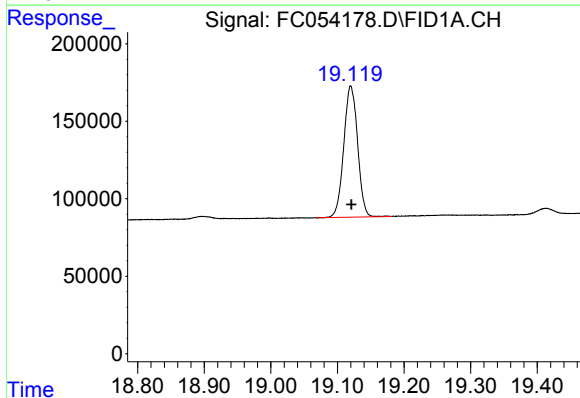
Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM



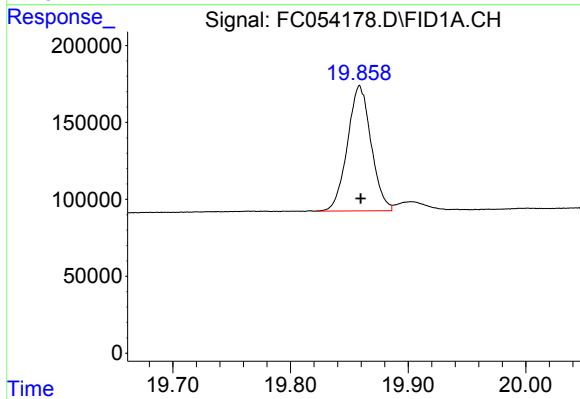
#18 n-Dotriacontane (C32)

R.T.: 18.337 min
Delta R.T.: 0.000 min
Response: 1291879
Conc: 10.96 ug/ml



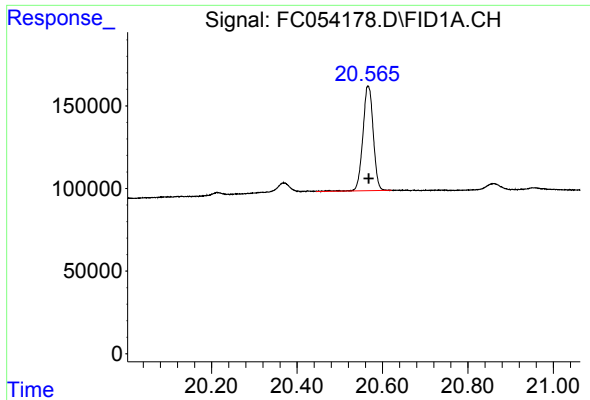
#19 n-Tetratriacontane (C34)

R.T.: 19.120 min
Delta R.T.: 0.000 min
Response: 1222393
Conc: 10.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: -0.001 min
Response: 1138442
Conc: 10.82 ug/ml m



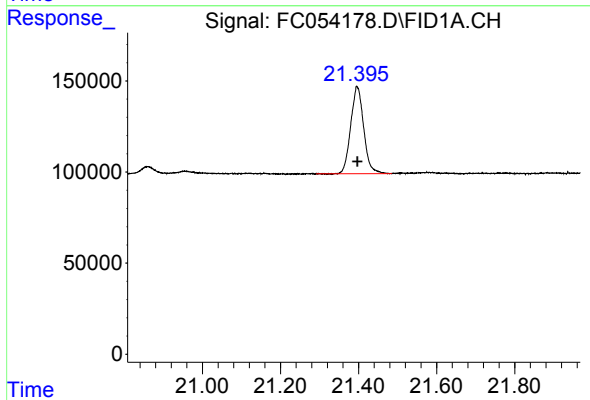
#21 n-Octatriacontane (C38)

R.T.: 20.567 min
Delta R.T.: 0.000 min
Response: 1063775
Conc: 10.86 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations
APPROVED

Ankita
6/11/2021 2:28:35 PM



#22 n-Tetracontane (C40)

R.T.: 21.397 min
Delta R.T.: 0.000 min
Response: 1101601
Conc: 10.84 ug/ml