

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
 Data File : FC054993.D
 Signal(s) : FID1A.CH
 Acq On : 04 Aug 2021 15:01
 Operator : AJ\MA
 Sample : PB138181BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138181BS

Manual Integrations
 APPROVED

mohammad
 8/5/2021 3:01:43 PM

Integration File: autoint1.e
 Quant Time: Aug 05 01:26:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.307	6085775	48.338 ug/ml
Spiked Amount 50.000		Recovery =	96.68%
12) S 1-chlorooctadecane (S...	12.747	4962624	50.073 ug/ml
Spiked Amount 50.000		Recovery =	100.15%
Target Compounds			
1) T n-Nonane (C9)	3.149	4343333	41.537 ug/ml
2) T n-Decane (C10)	4.193	4579648	43.489 ug/ml
3) T A~Naphthalene (C11.7)	5.752	5401654	49.712 ug/ml
4) T n-Dodecane (C12)	6.190	5159678	47.515 ug/ml
5) T A~2-methylnaphthalene...	6.802	5425714	49.713 ug/ml
6) T n-Tetradecane (C14)	7.977	5663501	50.732 ug/ml
7) T n-Hexadecane (C16)	9.568	5996369	52.575 ug/ml
8) T n-Octadecane (C18)	11.004	6295857	53.390 ug/ml
10) T n-Eicosane (C20)	12.308	6169747	52.552 ug/ml
11) T n-Heneicosane (C21)	12.917	6191639	52.438 ug/ml
13) T n-Docosane (C22)	13.501	6148567	52.643 ug/ml
14) T n-Tetracosane (C24)	14.598	6884798	59.480 ug/mlm
15) T n-Hexacosane (C26)	15.619	5850346	52.202 ug/ml
16) T n-Octacosane (C28)	16.564	6020576	55.452 ug/ml
17) T n-Tricontane (C30)	17.451	5351613	51.256 ug/ml
18) T n-Dotriacontane (C32)	18.279	5023821	50.728 ug/ml
19) T n-Tetratriacontane (C34)	19.061	4562888	48.142 ug/ml
20) T n-Hexatriacontane (C36)	19.798	4266418	47.213 ug/ml
21) T n-Octatriacontane (C38)	20.500	4016614	46.487 ug/ml
22) T n-Tetracontane (C40)	21.309	4121954	46.286 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080421AL\
Data File : FC054993.D
Signal(s) : FID1A.CH
Acq On : 04 Aug 2021 15:01
Operator : AJ\MA
Sample : PB138181BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

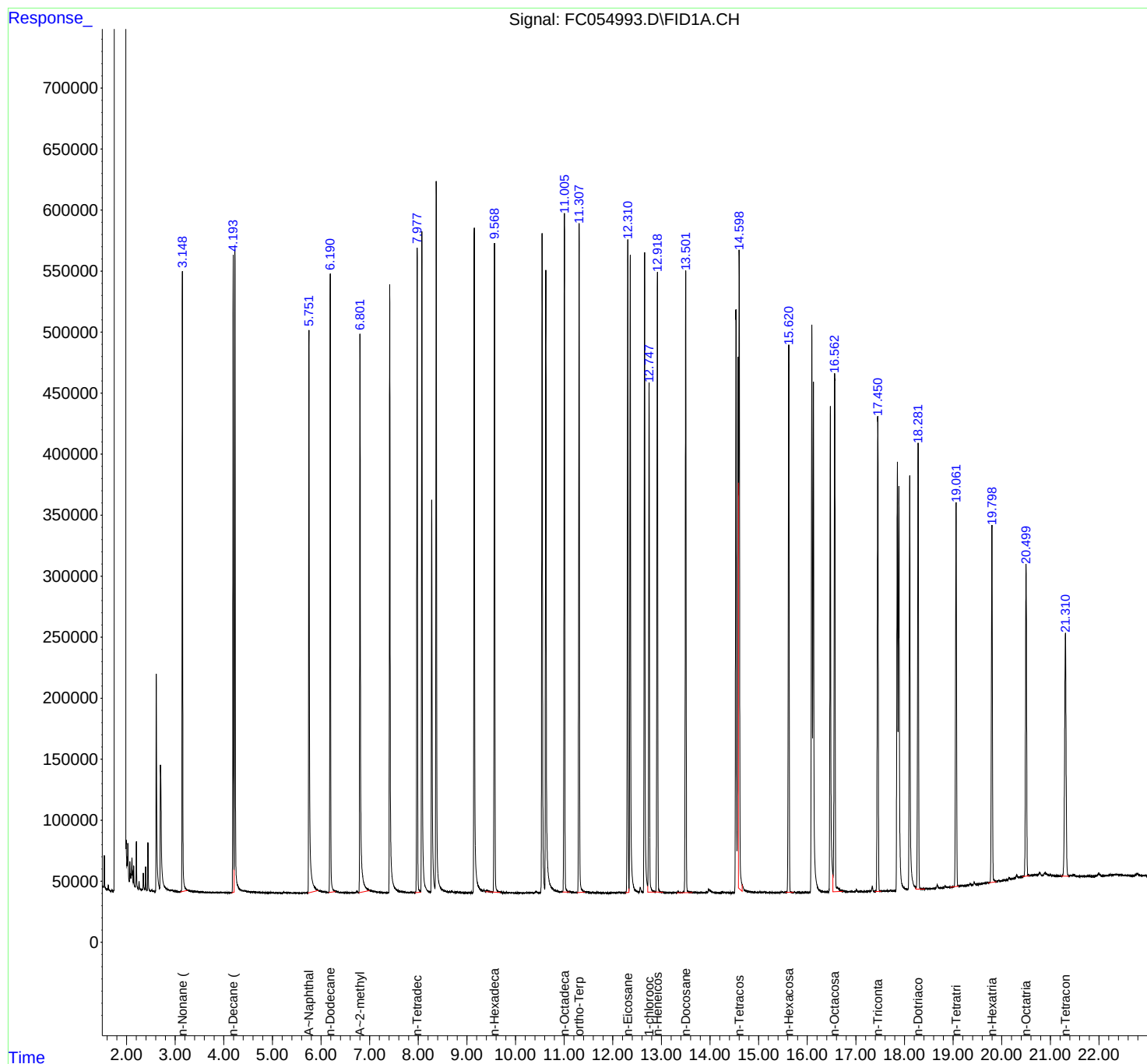
Instrument :
FID_C
ClientSampleId :
PB138181BS

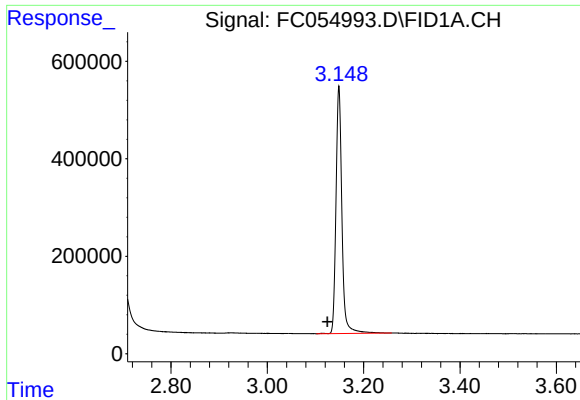
Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM

Integration File: autoint1.e
Quant Time: Aug 05 01:26:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080321.M
Quant Title : GC Extractables
QLast Update : Wed Aug 04 02:08:31 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





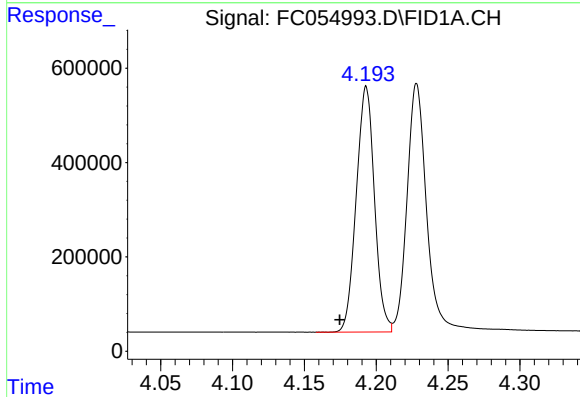
#1 n-Nonane (C9)

R.T.: 3.149 min
Delta R.T.: 0.024 min
Response: 4343333
Conc: 41.54 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138181BS

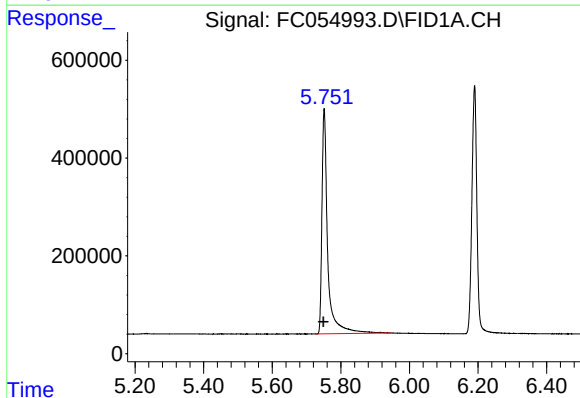
Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM



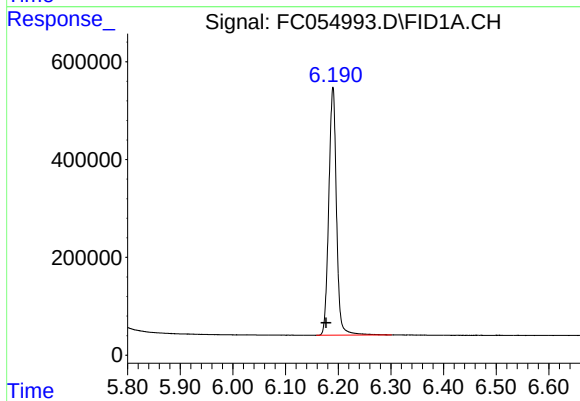
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.018 min
Response: 4579648
Conc: 43.49 ug/ml



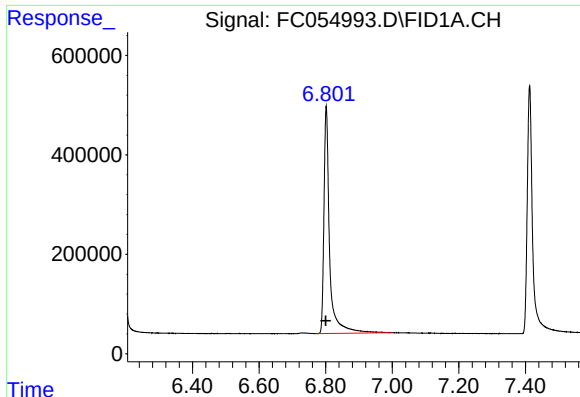
#3 A~Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: 0.003 min
Response: 5401654
Conc: 49.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.013 min
Response: 5159678
Conc: 47.51 ug/ml



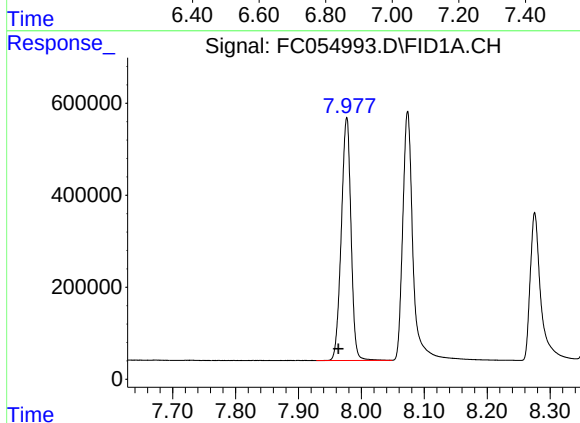
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 5425714
Conc: 49.71 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138181BS

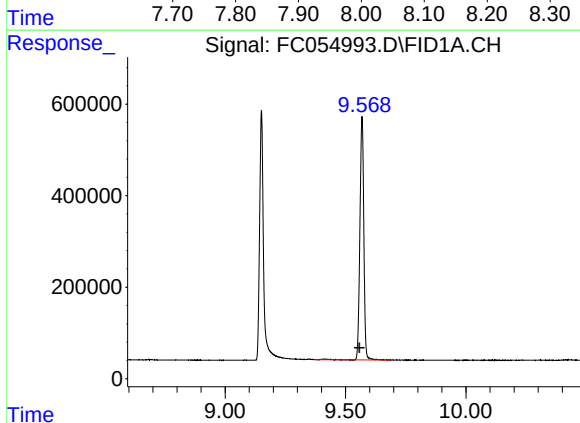
Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM



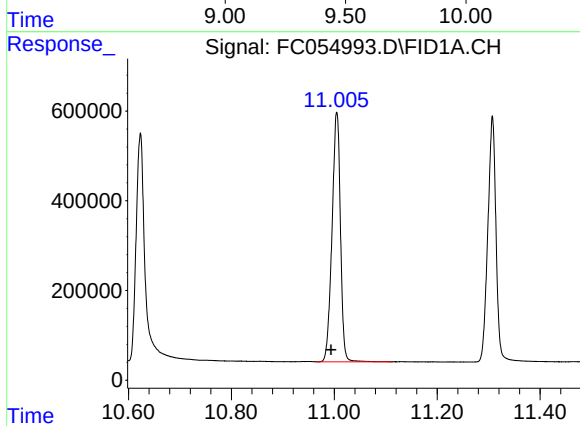
#6 n-Tetradecane (C14)

R.T.: 7.977 min
Delta R.T.: 0.013 min
Response: 5663501
Conc: 50.73 ug/ml



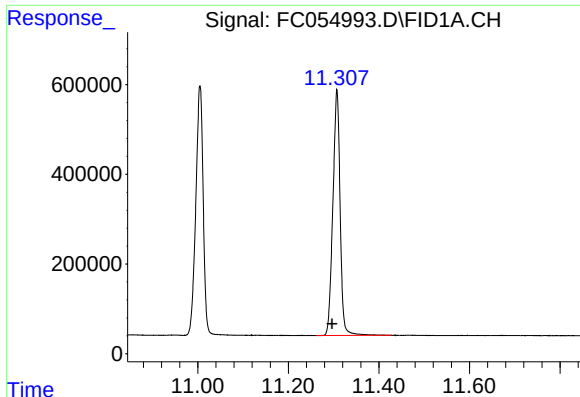
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: 0.010 min
Response: 5996369
Conc: 52.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.004 min
Delta R.T.: 0.011 min
Response: 6295857
Conc: 53.39 ug/ml



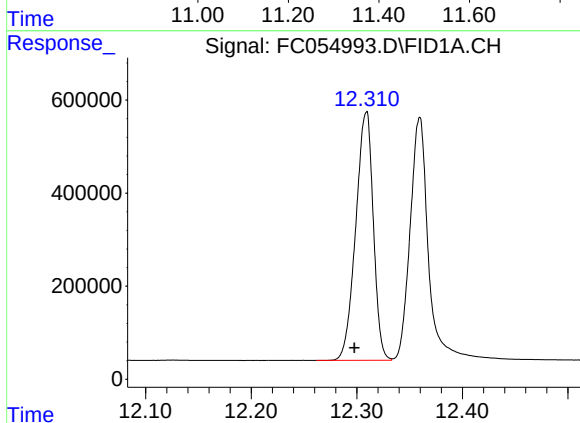
#9 ortho-Terphenyl (SURR)

R.T.: 11.307 min
Delta R.T.: 0.010 min
Response: 6085775
Conc: 48.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138181BS

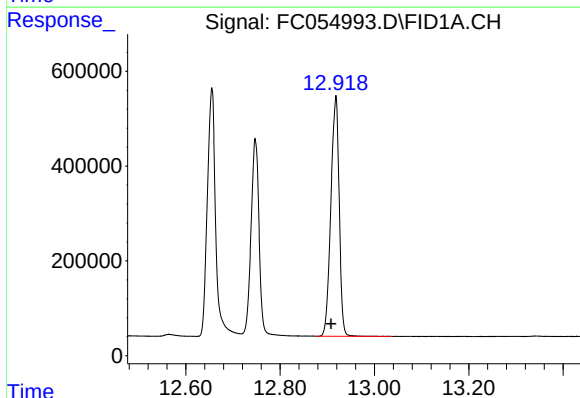
Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM



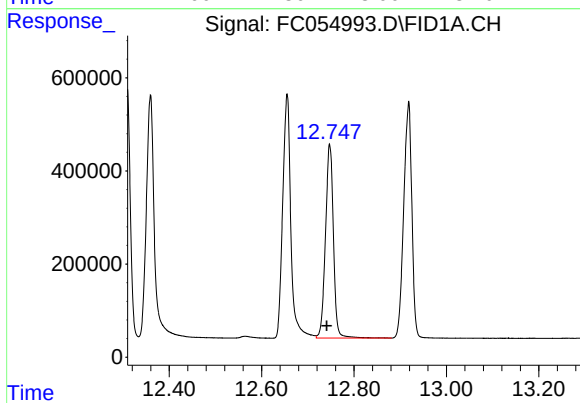
#10 n-Eicosane (C20)

R.T.: 12.308 min
Delta R.T.: 0.010 min
Response: 6169747
Conc: 52.55 ug/ml



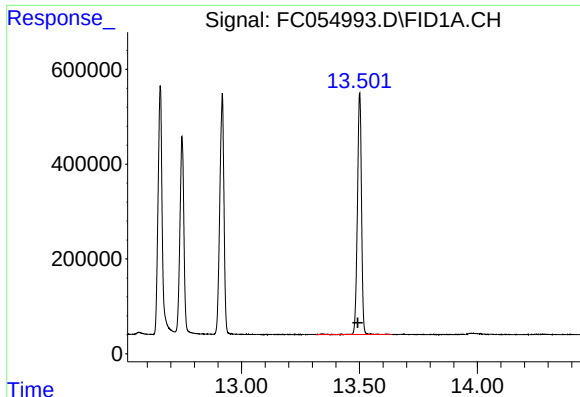
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 6191639
Conc: 52.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: 0.007 min
Response: 4962624
Conc: 50.07 ug/ml



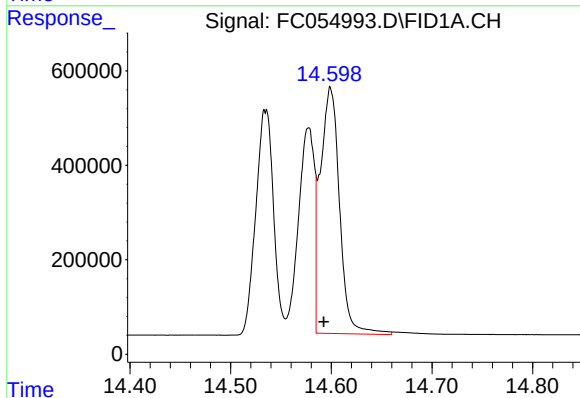
#13 n-Docosane (C22)

R.T.: 13.501 min
Delta R.T.: 0.008 min
Response: 6148567
Conc: 52.64 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138181BS

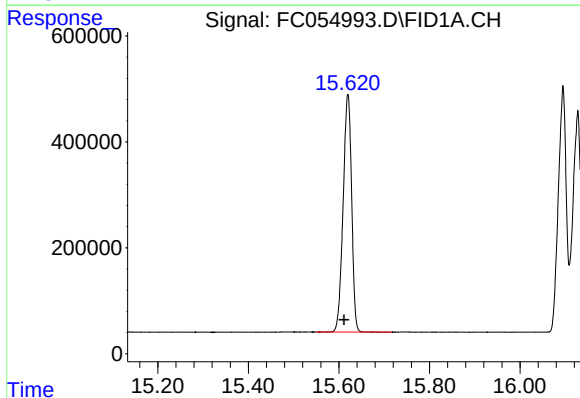
Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM



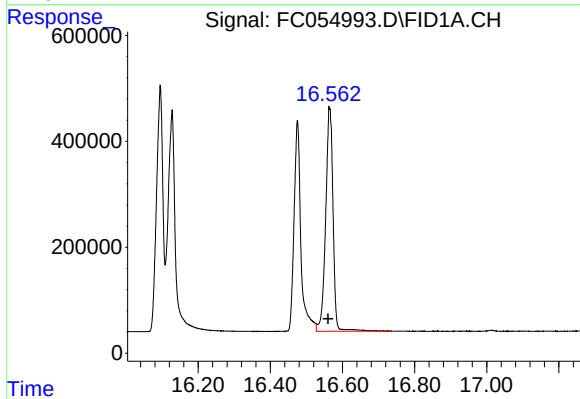
#14 n-Tetracosane (C24)

R.T.: 14.598 min
Delta R.T.: 0.006 min
Response: 6884798
Conc: 59.48 ug/ml m



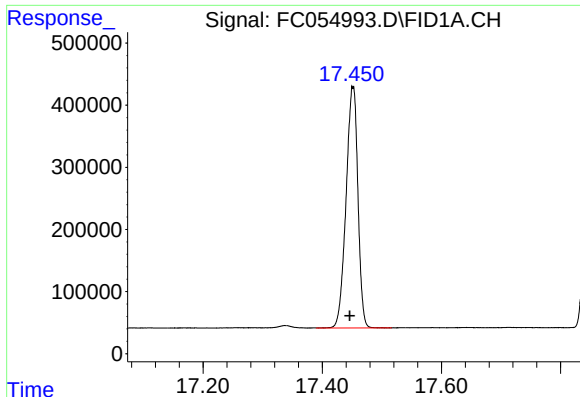
#15 n-Hexacosane (C26)

R.T.: 15.619 min
Delta R.T.: 0.008 min
Response: 5850346
Conc: 52.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.564 min
Delta R.T.: 0.004 min
Response: 6020576
Conc: 55.45 ug/ml



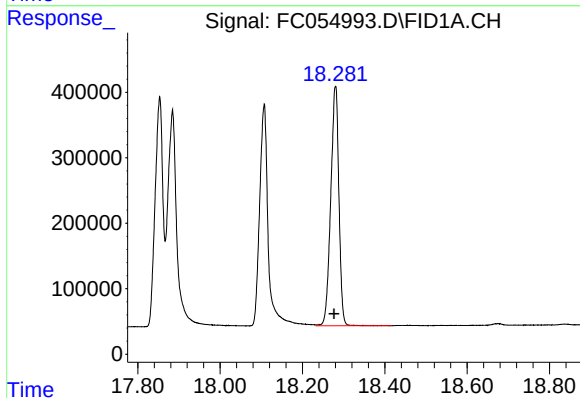
#17 n-Tricontane (C30)

R.T.: 17.451 min
Delta R.T.: 0.004 min
Response: 5351613
Conc: 51.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138181BS

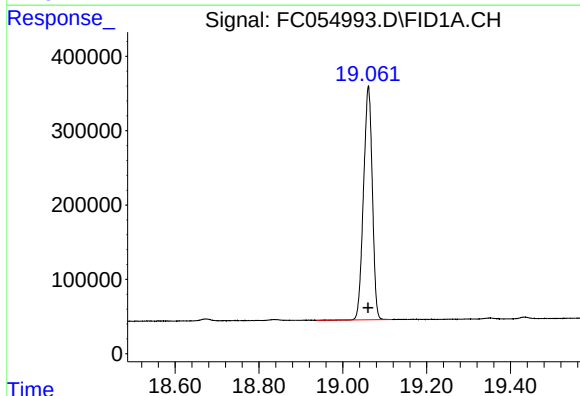
Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM



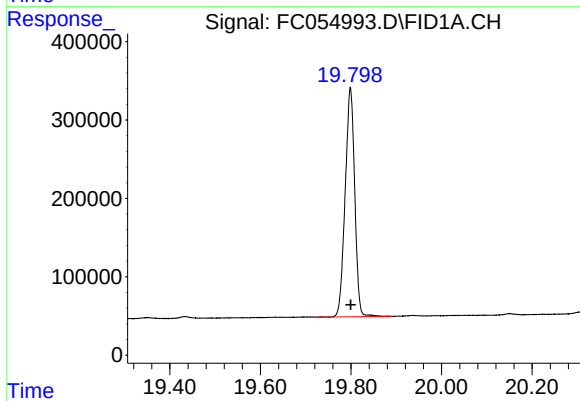
#18 n-Dotriacontane (C32)

R.T.: 18.279 min
Delta R.T.: 0.002 min
Response: 5023821
Conc: 50.73 ug/ml



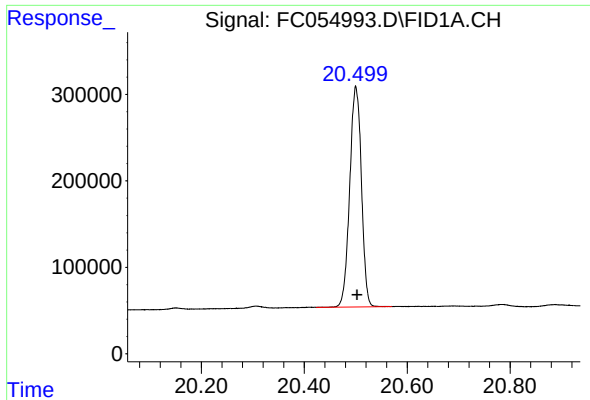
#19 n-Tetratriacontane (C34)

R.T.: 19.061 min
Delta R.T.: 0.000 min
Response: 4562888
Conc: 48.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.798 min
Delta R.T.: -0.001 min
Response: 4266418
Conc: 47.21 ug/ml



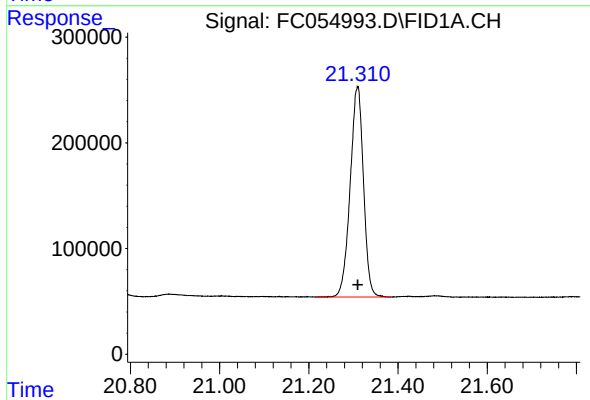
#21 n-Octatriacontane (C38)

R.T.: 20.500 min
Delta R.T.: -0.002 min
Response: 4016614
Conc: 46.49 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138181BS

Manual Integrations
APPROVED

mohammad
8/5/2021 3:01:43 PM



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.001 min
Response: 4121954
Conc: 46.29 ug/ml