

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
 Data File : FC043700.D
 Signal(s) : FID1A.CH
 Acq On : 28 Sep 2019 6:01
 Operator : DD\AJ
 Sample : FCS CHECK SOL 3
 Misc : LOT#M00793
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 3

Manual Integrations
 APPROVED

Ankita
 9/30/2019 3:02:08 PM

Integration File: autoint1.e
 Quant Time: Sep 28 06:32:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 2019
 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			
12) S 1-chlorooctadecane (S...	13.004	5515069	46.517 ug/ml
Spiked Amount 50.000		Recovery =	93.03%
Target Compounds			
1) T n-Nonane (C9)	3.431	6252738	51.717 ug/ml
2) T n-Decane (C10)	4.485	6420907	53.048 ug/ml
4) T n-Dodecane (C12)	6.477	6670271	52.738 ug/ml
6) T n-Tetradecane (C14)	8.251	6852667	53.237 ug/ml
7) T n-Hexadecane (C16)	9.835	6884074	52.282 ug/ml
8) T n-Octadecane (C18)	11.264	6921363	50.746 ug/ml
10) T n-Eicosane (C20)	12.562	6806348	48.765 ug/ml
11) T n-Heneicosane (C21)	13.169	6801652	47.860 ug/ml
13) T n-Docosane (C22)	13.751	6702257	47.170 ug/ml
14) T n-Tetracosane (C24)	14.845	6508335	45.335 ug/ml
15) T n-Hexacosane (C26)	15.859	6226979	43.546 ug/ml
16) T n-Octacosane (C28)	16.802	5948654	41.964 ug/ml
17) T n-Tricontane (C30)	17.686	5743405	40.952 ug/ml
18) T n-Dotriacontane (C32)	18.512	5397408	40.632 ug/ml
19) T n-Tetratriacontane (C34)	19.290	5218818	41.770 ug/ml
20) T n-Hexatriacontane (C36)	20.028	5044690	43.645 ug/mlm
21) T n-Octatriacontane (C38)	20.750	4871811	45.774 ug/ml
22) T n-Tetracontane (C40)	21.635	5023830	48.048 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092719AL\
Data File : FC043700.D
Signal(s) : FID1A.CH
Acq On : 28 Sep 2019 6:01
Operator : DD\AJ
Sample : FCS CHECK SOL 3
Misc : LOT#M00793
ALS Vial : 27 Sample Multiplier: 1

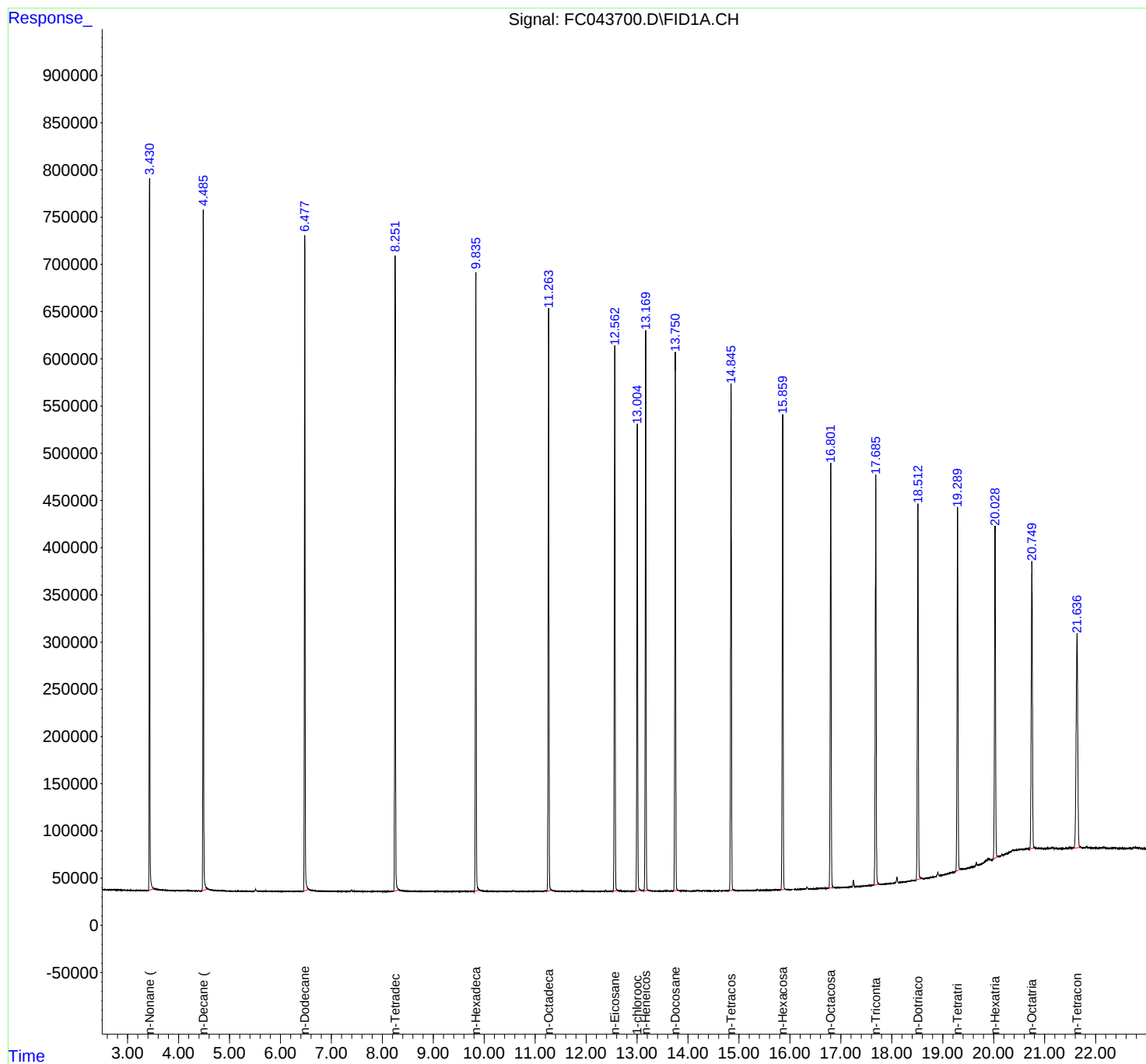
Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3

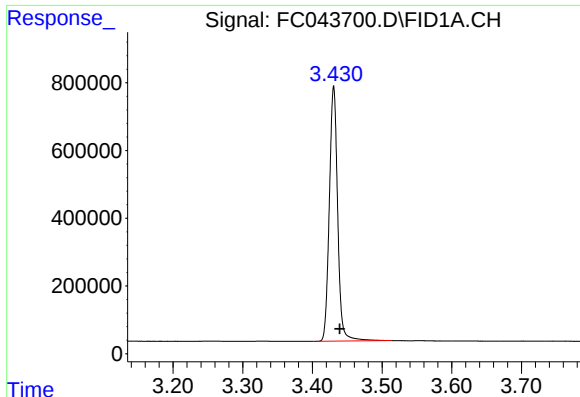
Manual Integrations
APPROVED

Ankita
9/30/2019 3:02:08 PM

Integration File: autoint1.e
Quant Time: Sep 28 06:32:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092519.M
Quant Title : GC Extractables
QLast Update : Thu Sep 26 10:57:53 2019
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





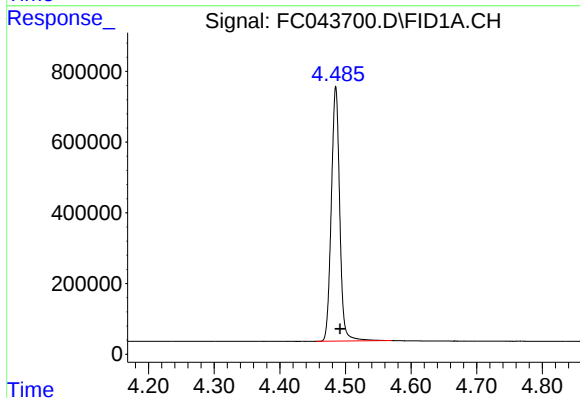
#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: -0.008 min
Response: 6252738
Conc: 51.72 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3

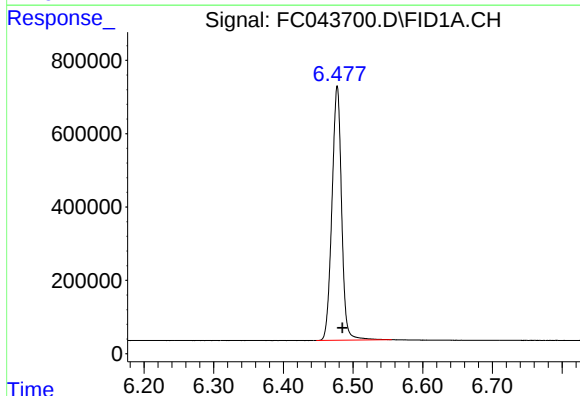
Manual Integrations
APPROVED

Ankita
9/30/2019 3:02:08 PM



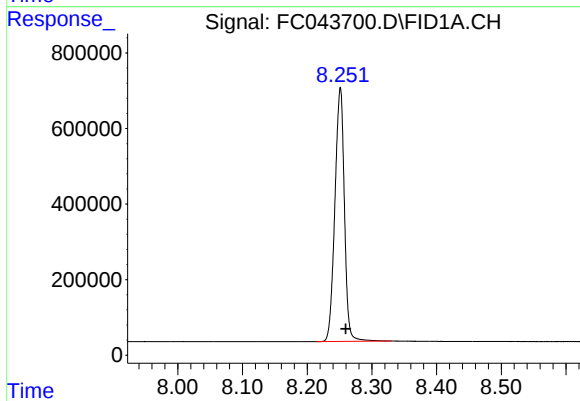
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.007 min
Response: 6420907
Conc: 53.05 ug/ml



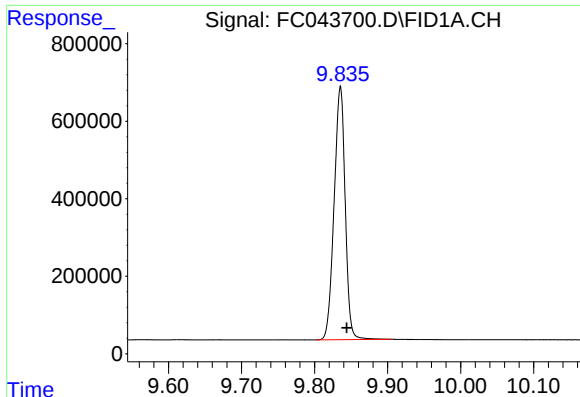
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 6670271
Conc: 52.74 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.008 min
Response: 6852667
Conc: 53.24 ug/ml



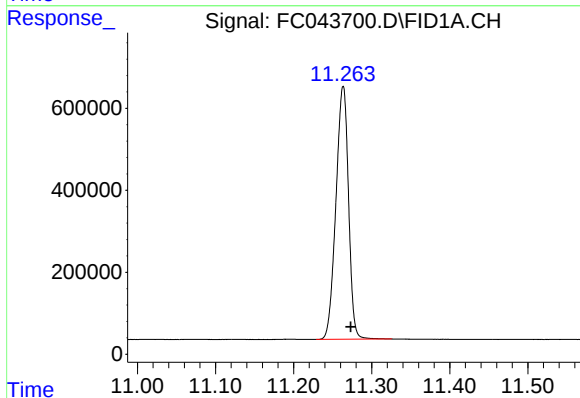
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 6884074
Conc: 52.28 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3

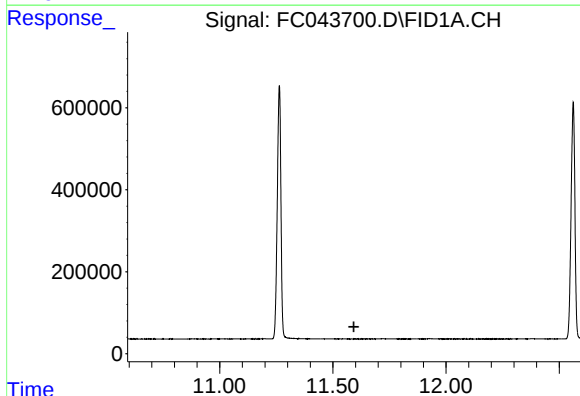
Manual Integrations
APPROVED

Ankita
9/30/2019 3:02:08 PM



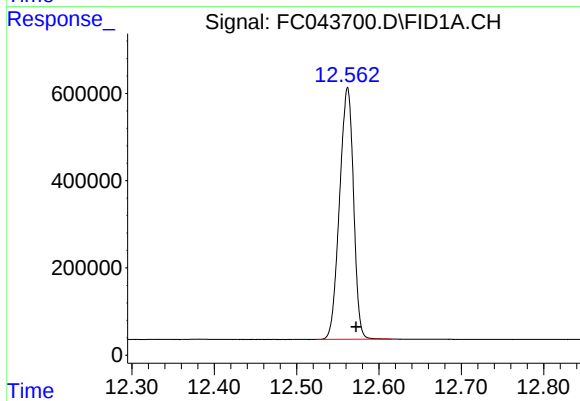
#8 n-Octadecane (C18)

R.T.: 11.264 min
Delta R.T.: -0.010 min
Response: 6921363
Conc: 50.75 ug/ml



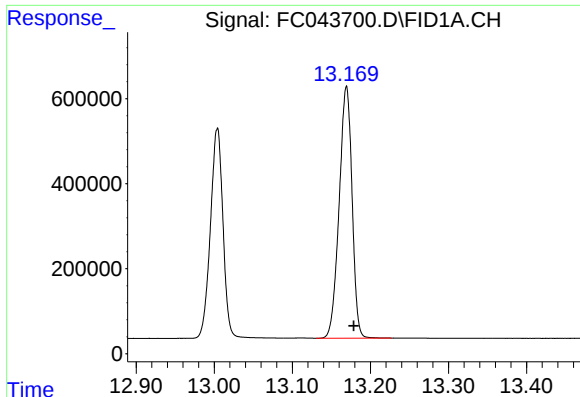
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.593 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.010 min
Response: 6806348
Conc: 48.76 ug/ml



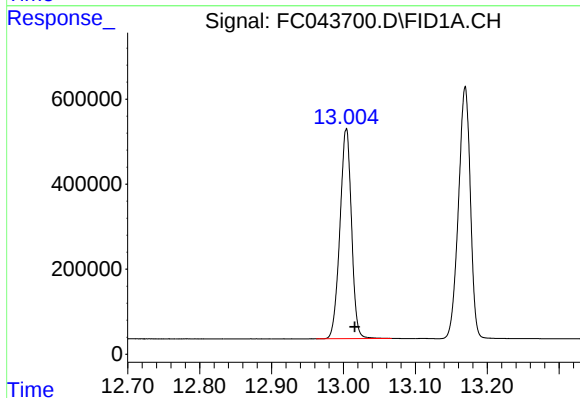
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.009 min
Response: 6801652
Conc: 47.86 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3

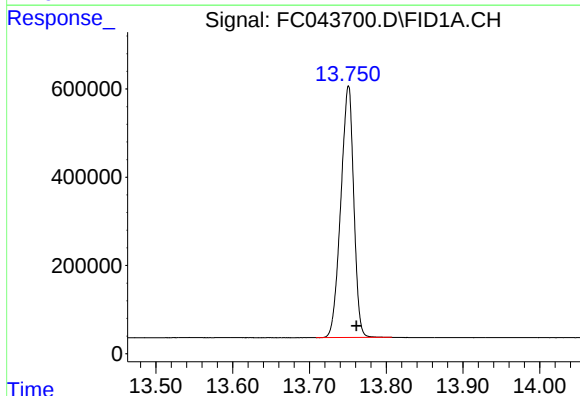
Manual Integrations
APPROVED

Ankita
9/30/2019 3:02:08 PM



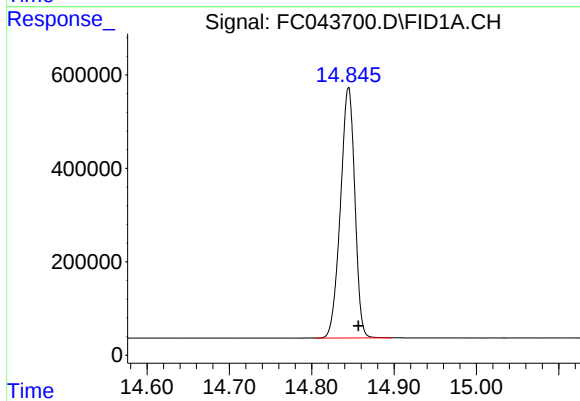
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.012 min
Response: 5515069
Conc: 46.52 ug/ml



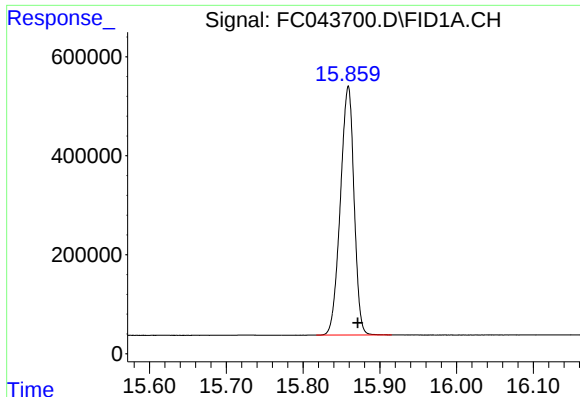
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.010 min
Response: 6702257
Conc: 47.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.012 min
Response: 6508335
Conc: 45.34 ug/ml



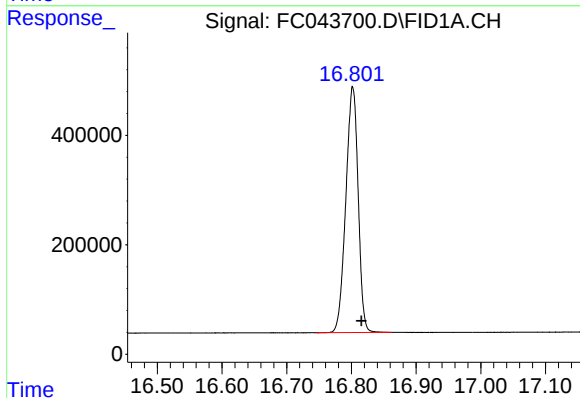
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.012 min
Response: 6226979
Conc: 43.55 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3

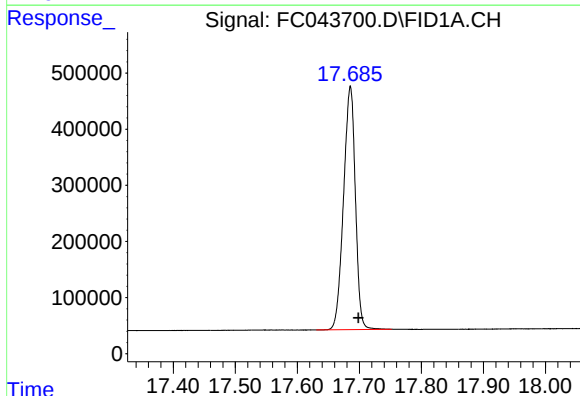
Manual Integrations
APPROVED

Ankita
9/30/2019 3:02:08 PM



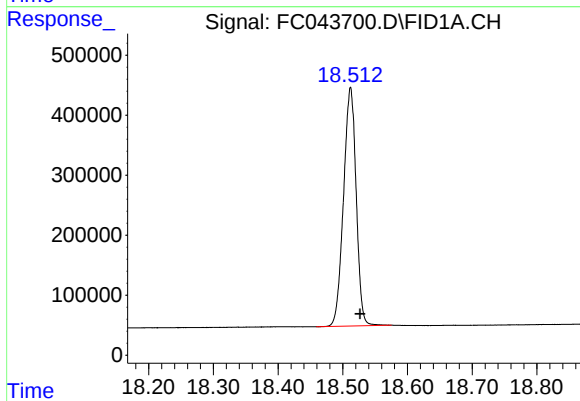
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.014 min
Response: 5948654
Conc: 41.96 ug/ml



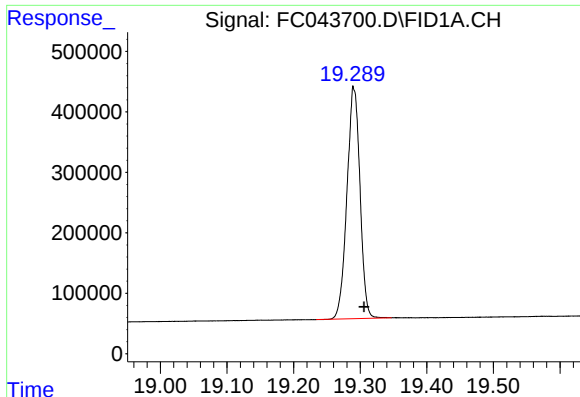
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.013 min
Response: 5743405
Conc: 40.95 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.512 min
Delta R.T.: -0.015 min
Response: 5397408
Conc: 40.63 ug/ml



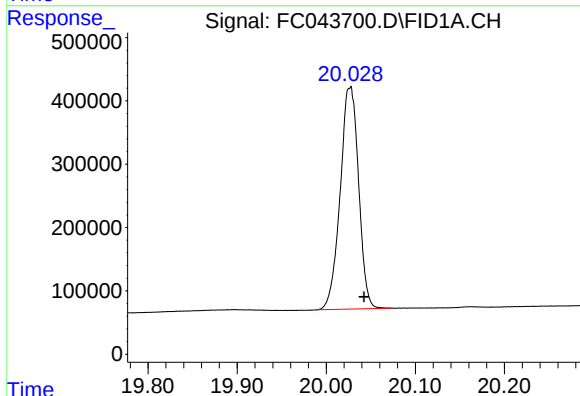
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: -0.015 min
Response: 5218818
Conc: 41.77 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3

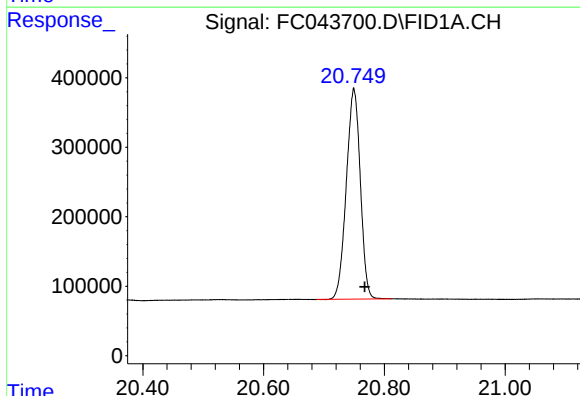
Manual Integrations
APPROVED

Ankita
9/30/2019 3:02:08 PM



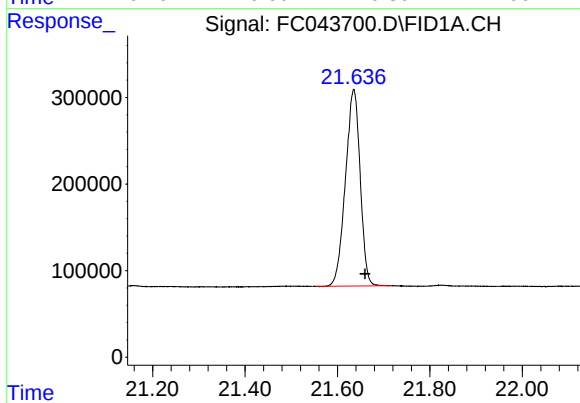
#20 n-Hexatriacontane (C36)

R.T.: 20.028 min
Delta R.T.: -0.015 min
Response: 5044690
Conc: 43.64 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.018 min
Response: 4871811
Conc: 45.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.025 min
Response: 5023830
Conc: 48.05 ug/ml