

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061821AL\
 Data File : FC054309.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2021 10:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Ankita
 6/21/2021 10:48:53 AM

Integration File: sample.E
 Quant Time: Jun 19 00:08:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.345	2838133	18.689 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	12.789	2180708	18.512 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
Target Compounds			
1) T n-Nonane (C9)	3.154	2658628	20.659 ug/ml
2) T n-Decane (C10)	4.210	2678472	20.895 ug/ml
3) T A~Naphthalene (C11.7)	5.777	2940633	20.358 ug/ml
4) T n-Dodecane (C12)	6.219	2699877	20.589 ug/ml
5) T A~2-methylnaphthalene...	6.830	2936494	20.340 ug/ml
6) T n-Tetradecane (C14)	8.007	2702349	20.383 ug/ml
7) T n-Hexadecane (C16)	9.604	2696545	19.935 ug/ml
8) T n-Octadecane (C18)	11.042	2707818	19.401 ug/ml
10) T n-Eicosane (C20)	12.348	2616653	18.846 ug/ml
11) T n-Heneicosane (C21)	12.959	2605817	18.654 ug/ml
13) T n-Docosane (C22)	13.544	2548996	18.421 ug/ml
14) T n-Tetracosane (C24)	14.645	2474180	17.966 ug/ml
15) T n-Hexacosane (C26)	15.664	2367144	17.574 ug/ml
16) T n-Octacosane (C28)	16.612	2314262	17.465 ug/ml
17) T n-Tricontane (C30)	17.499	2299072	17.887 ug/ml
18) T n-Dotriacontane (C32)	18.329	2247254	18.265 ug/mlm
19) T n-Tetratriacontane (C34)	19.113	2210097	18.892 ug/mlm
20) T n-Hexatriacontane (C36)	19.852	2157346	19.545 ug/ml
21) T n-Octatriacontane (C38)	20.558	2087119	20.417 ug/mlm
22) T n-Tetracontane (C40)	21.385	2124149	19.852 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061821AL\
Data File : FC054309.D
Signal(s) : FID1A.CH
Acq On : 18 Jun 2021 10:24
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

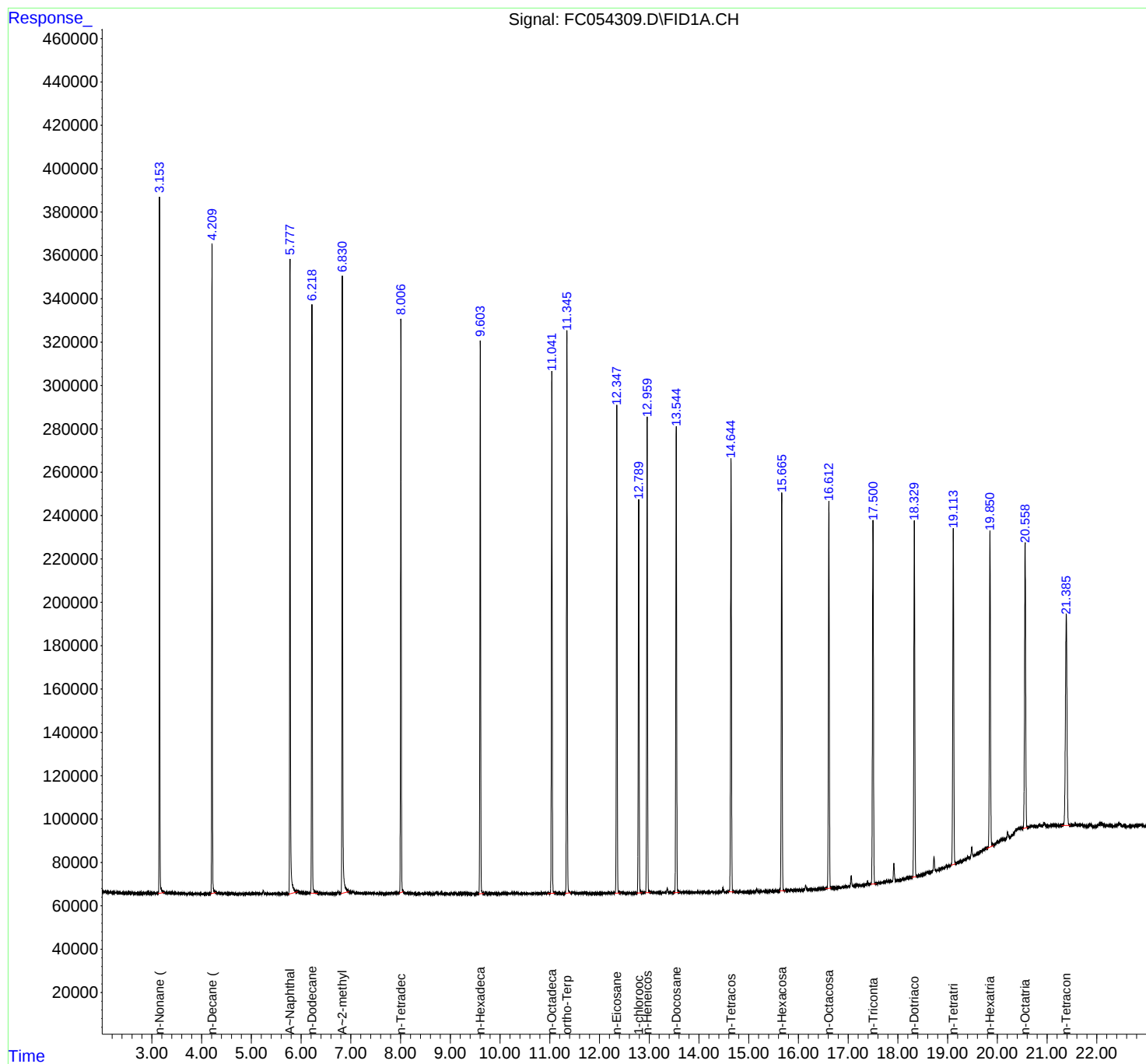
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

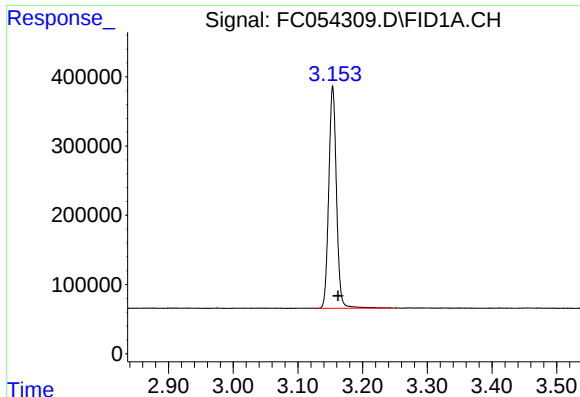
Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM

Integration File: sample.E
Quant Time: Jun 19 00:08:27 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 04:43:57 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





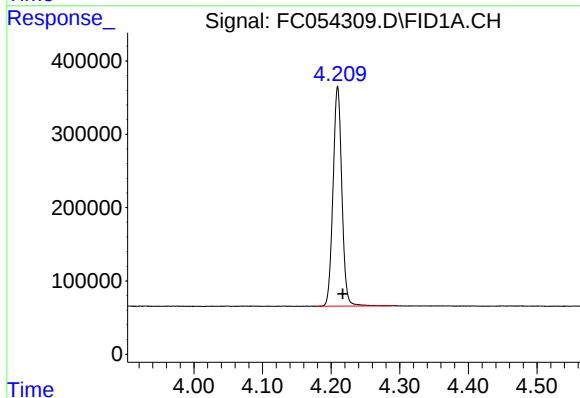
#1 n-Nonane (C9)

R.T.: 3.154 min
Delta R.T.: -0.008 min
Response: 2658628
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

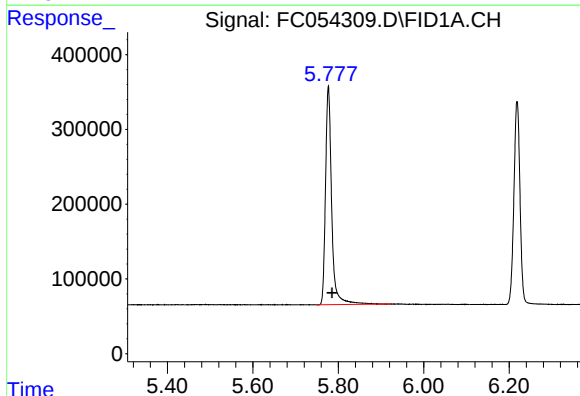
Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM



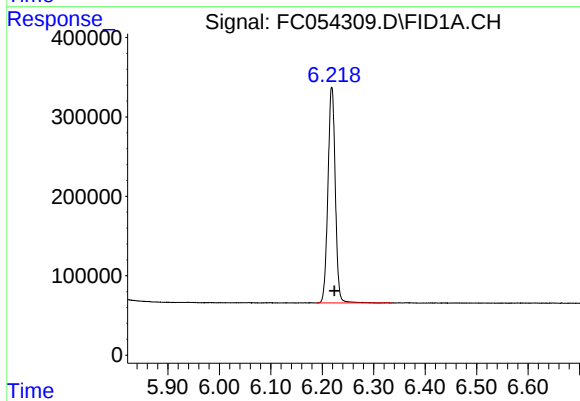
#2 n-Decane (C10)

R.T.: 4.210 min
Delta R.T.: -0.007 min
Response: 2678472
Conc: 20.90 ug/ml



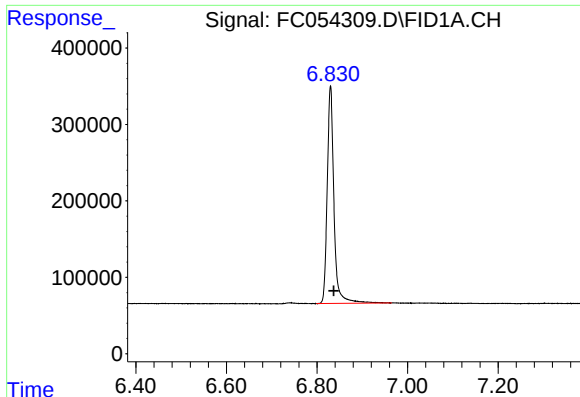
#3 A~Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 2940633
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.219 min
Delta R.T.: -0.005 min
Response: 2699877
Conc: 20.59 ug/ml



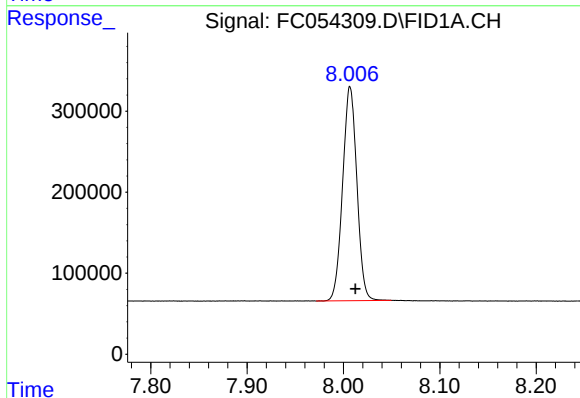
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 2936494
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

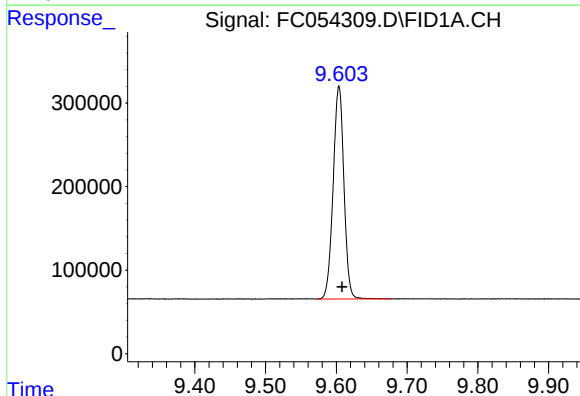
Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM



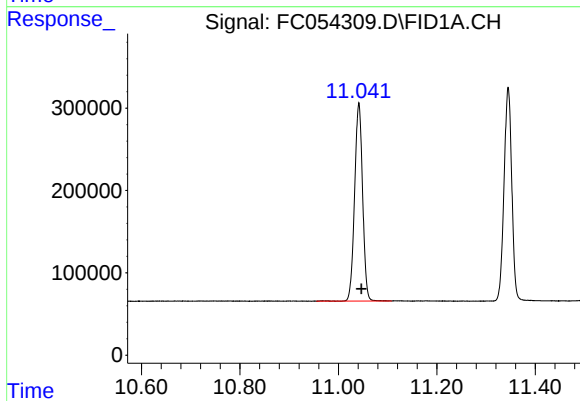
#6 n-Tetradecane (C14)

R.T.: 8.007 min
Delta R.T.: -0.005 min
Response: 2702349
Conc: 20.38 ug/ml



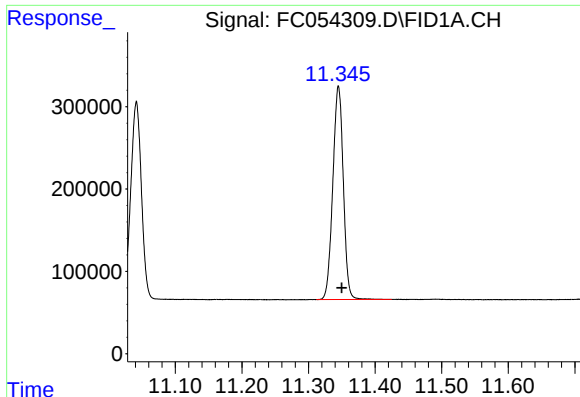
#7 n-Hexadecane (C16)

R.T.: 9.604 min
Delta R.T.: -0.005 min
Response: 2696545
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.042 min
Delta R.T.: -0.005 min
Response: 2707818
Conc: 19.40 ug/ml



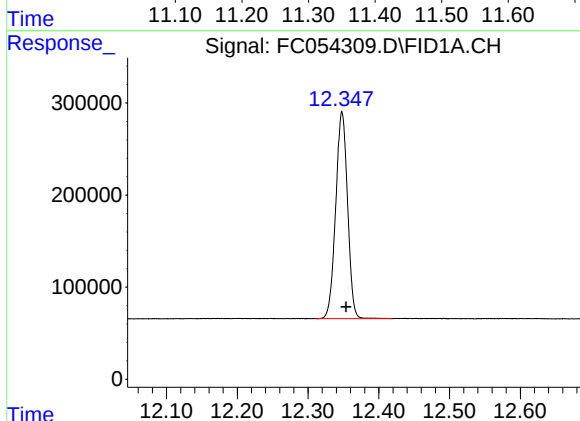
#9 ortho-Terphenyl (SURR)

R.T.: 11.345 min
Delta R.T.: -0.005 min
Response: 2838133
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

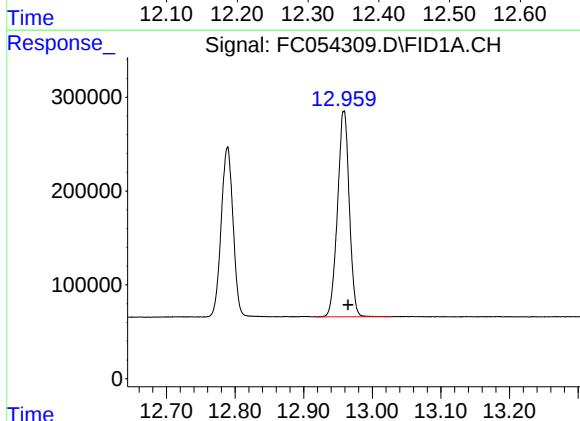
Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM



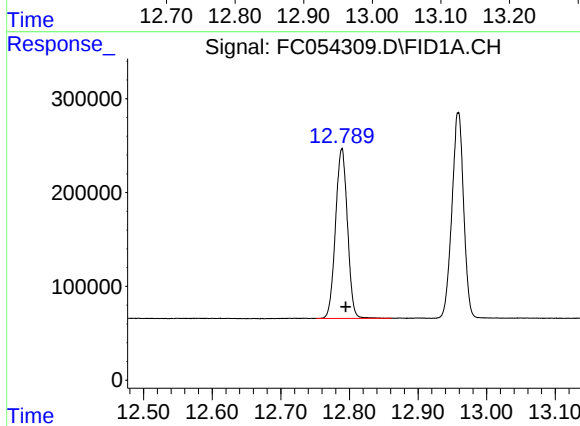
#10 n-Eicosane (C20)

R.T.: 12.348 min
Delta R.T.: -0.006 min
Response: 2616653
Conc: 18.85 ug/ml



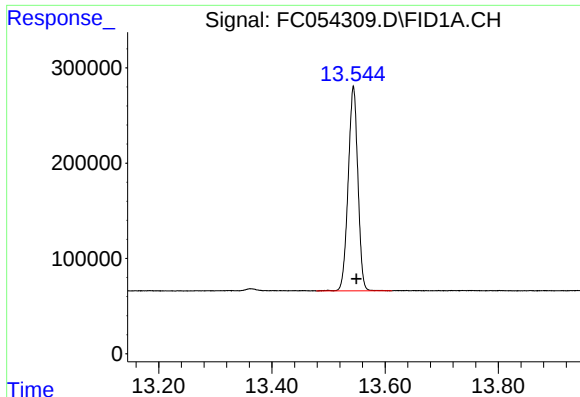
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.006 min
Response: 2605817
Conc: 18.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.789 min
Delta R.T.: -0.006 min
Response: 2180708
Conc: 18.51 ug/ml



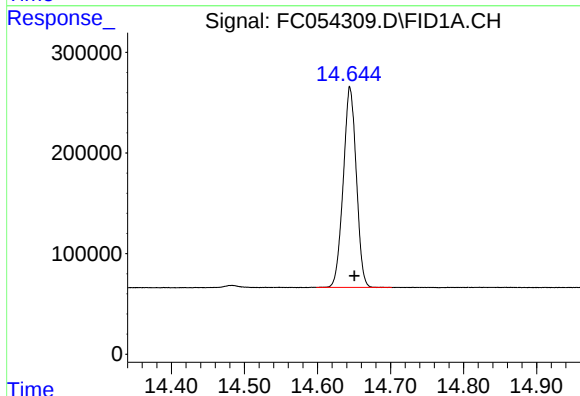
#13 n-Docosane (C22)

R.T.: 13.544 min
Delta R.T.: -0.005 min
Response: 2548996
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

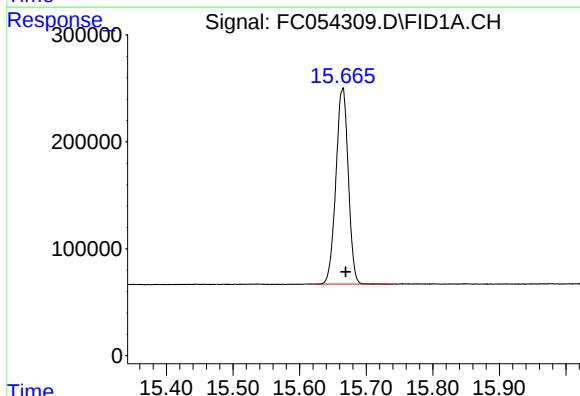
Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM



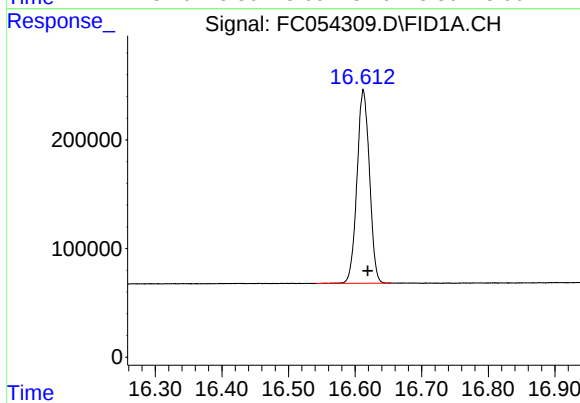
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.006 min
Response: 2474180
Conc: 17.97 ug/ml



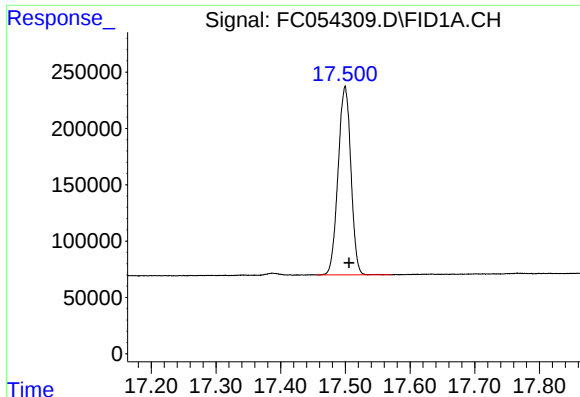
#15 n-Hexacosane (C26)

R.T.: 15.664 min
Delta R.T.: -0.005 min
Response: 2367144
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.612 min
Delta R.T.: -0.007 min
Response: 2314262
Conc: 17.47 ug/ml



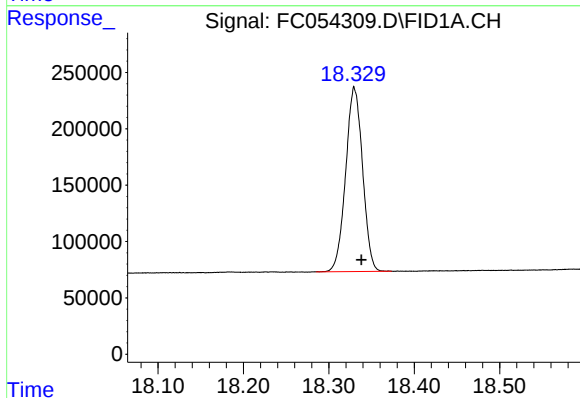
#17 n-Tricontane (C30)

R.T.: 17.499 min
Delta R.T.: -0.006 min
Response: 2299072
Conc: 17.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

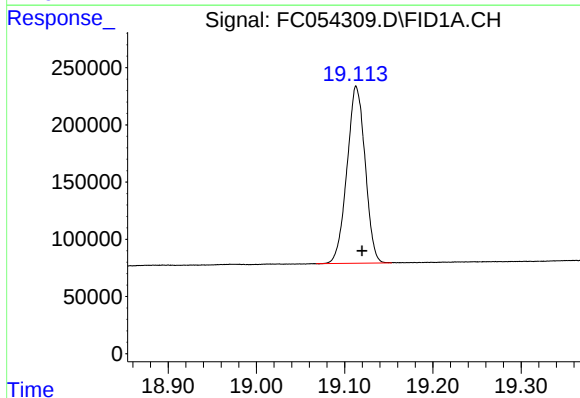
Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM



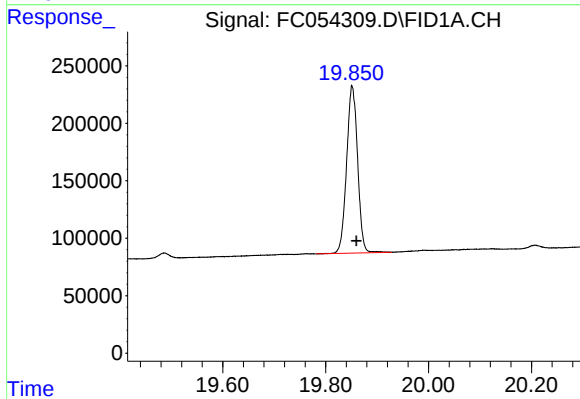
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: -0.009 min
Response: 2247254
Conc: 18.26 ug/ml m



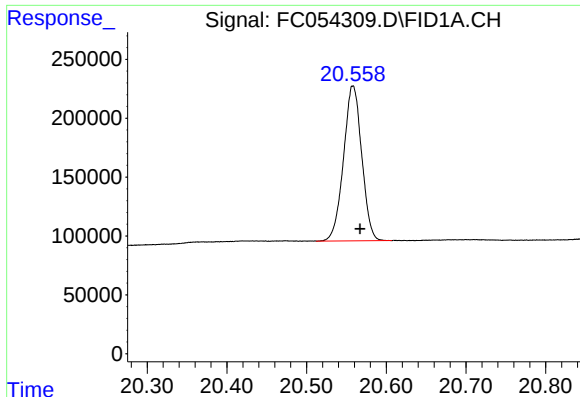
#19 n-Tetratriacontane (C34)

R.T.: 19.113 min
Delta R.T.: -0.007 min
Response: 2210097
Conc: 18.89 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.852 min
Delta R.T.: -0.008 min
Response: 2157346
Conc: 19.54 ug/ml



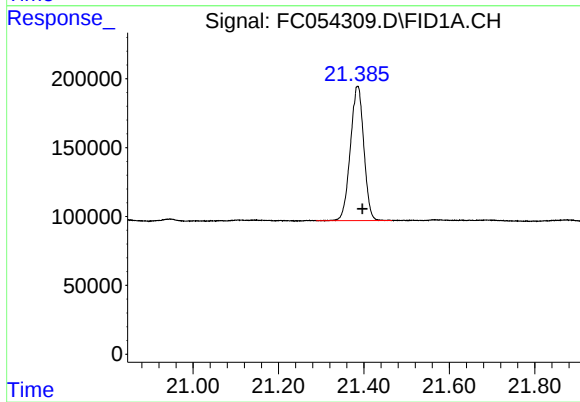
#21 n-Octatriacontane (C38)

R.T.: 20.558 min
Delta R.T.: -0.009 min
Response: 2087119
Conc: 20.42 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
6/21/2021 10:48:53 AM



#22 n-Tetracontane (C40)

R.T.: 21.385 min
Delta R.T.: -0.011 min
Response: 2124149
Conc: 19.85 ug/ml