

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
 Data File : FD037852.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 16:36
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Ankita
 6/11/2021 2:29:05 PM

Integration File: autoint1.e
 Quant Time: Jun 11 05:04:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:03:11 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)	11.440	1464549	10.724 ug/ml
Spiked Amount 50.000		Recovery =	21.45%
12) S 1-chlorooctadecane (S...	12.875	1165820	10.812 ug/ml
Spiked Amount 50.000		Recovery =	21.62%
Target Compounds			
1) T n-Nonane (C9)	3.253	1243483	10.656 ug/ml
2) T n-Decane (C10)	4.309	1293144	10.993 ug/mlm
3) T A~Naphthalene (C11.7)	5.881	1374908	10.539 ug/ml
4) T n-Dodecane (C12)	6.316	1263812	10.661 ug/ml
5) T A~2-methylnaphthalene...	6.932	1381042	10.538 ug/ml
6) T n-Tetradecane (C14)	8.102	1291702	10.715 ug/ml
7) T n-Hexadecane (C16)	9.696	1319474	10.641 ug/ml
8) T n-Octadecane (C18)	11.130	1372620	10.729 ug/ml
10) T n-Eicosane (C20)	12.433	1375421	10.812 ug/ml
11) T n-Heneicosane (C21)	13.042	1390269	10.847 ug/ml
13) T n-Docosane (C22)	13.626	1377721	10.892 ug/ml
14) T n-Tetracosane (C24)	14.724	1372839	10.930 ug/ml
15) T n-Hexacosane (C26)	15.741	1331371	10.936 ug/ml
16) T n-Octacosane (C28)	16.686	1302200	10.931 ug/ml
17) T n-Tricontane (C30)	17.570	1261356	10.915 ug/ml
18) T n-Dotriacontane (C32)	18.398	1199643	10.791 ug/ml
19) T n-Tetratriacontane (C34)	19.178	1131767	10.855 ug/ml
20) T n-Hexatriacontane (C36)	19.914	1038773	10.693 ug/mlm
21) T n-Octatriacontane (C38)	20.622	954294	10.663 ug/ml
22) T n-Tetracontane (C40)	21.460	980576	9.638 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
Data File : FD037852.D
Signal(s) : FID2B.CH
Acq On : 10 Jun 2021 16:36
Operator : DD\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 59 Sample Multiplier: 1

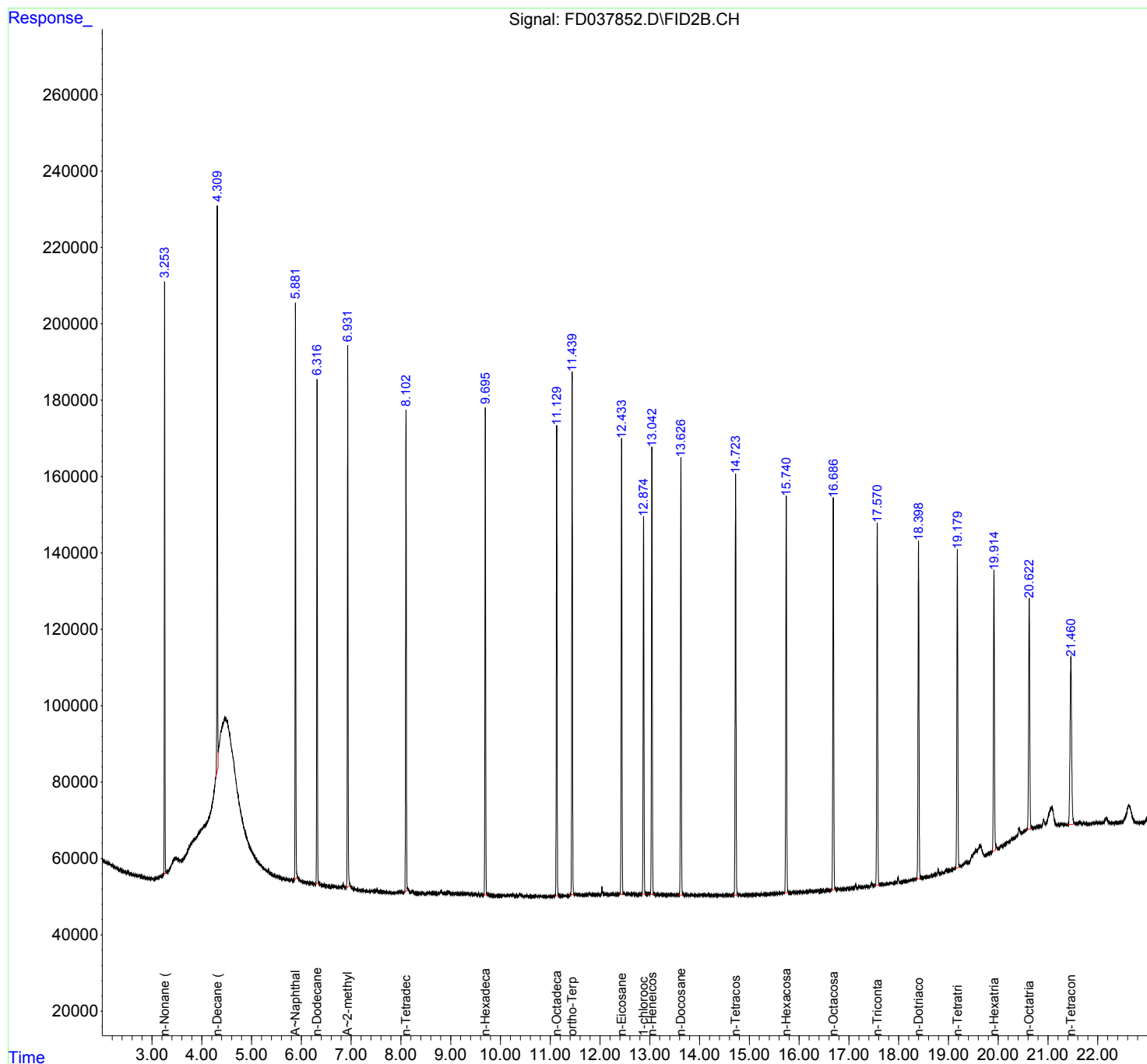
Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

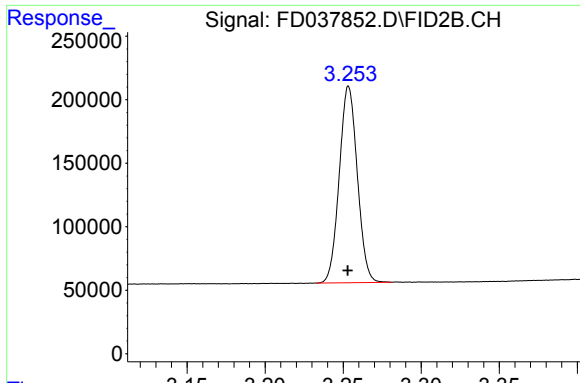
Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM

Integration File: autoint1.e
Quant Time: Jun 11 05:04:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
Quant Title : GC Extractables
QLast Update : Fri Jun 11 05:03:11 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





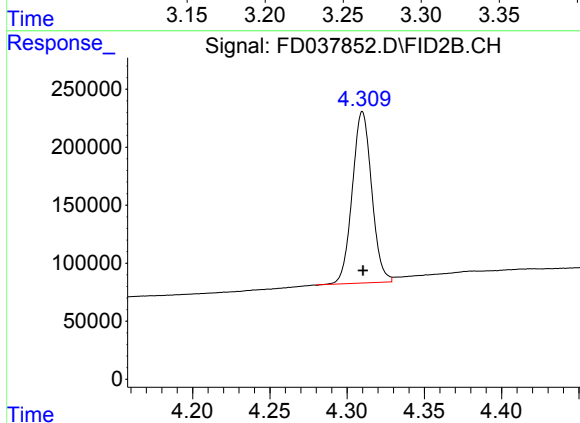
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 1243483
Conc: 10.66 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

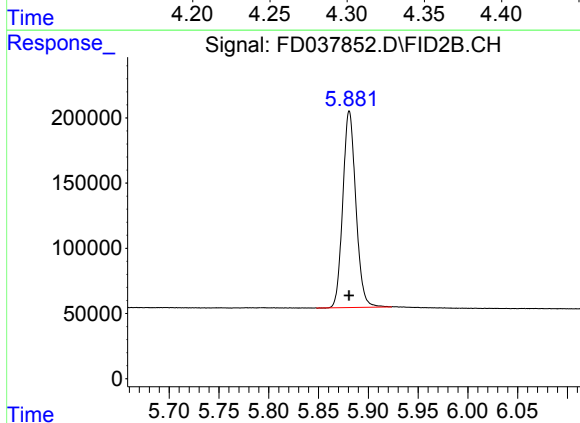
Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM



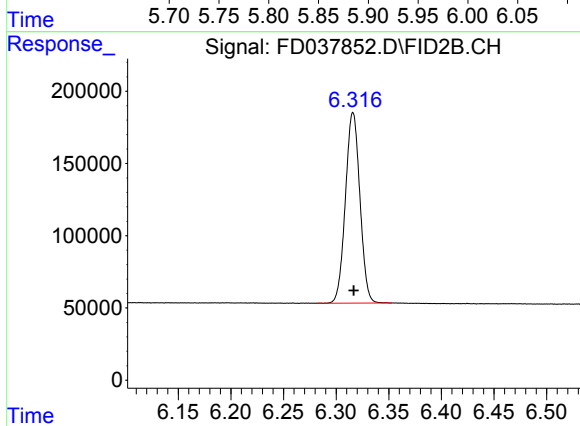
#2 n-Decane (C10)

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 1293144
Conc: 10.99 ug/ml m



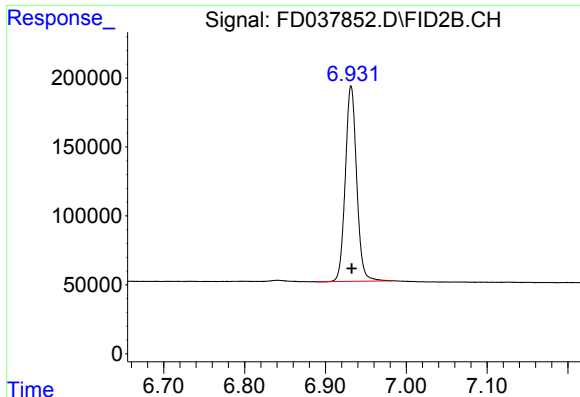
#3 A~Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 1374908
Conc: 10.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 1263812
Conc: 10.66 ug/ml



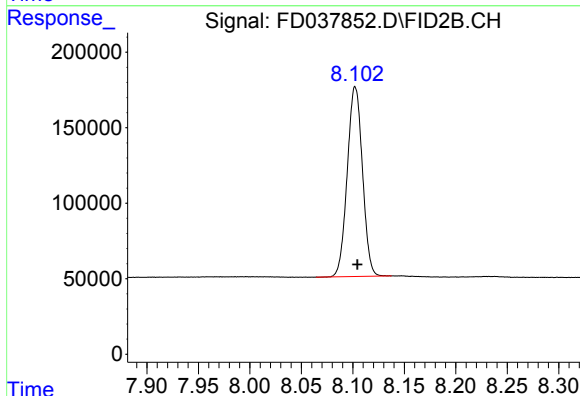
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 1381042
Conc: 10.54 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

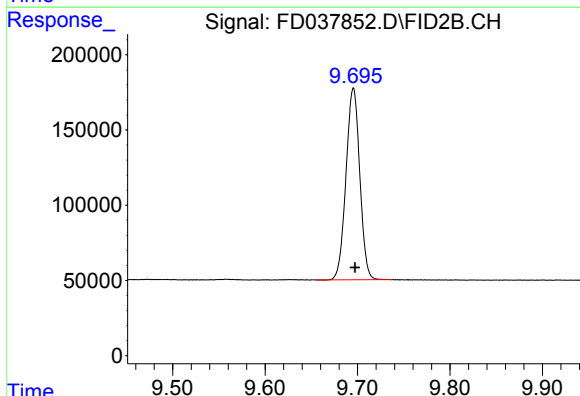
Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM



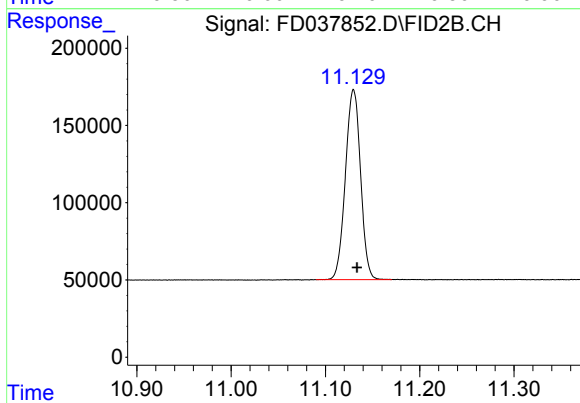
#6 n-Tetradecane (C14)

R.T.: 8.102 min
Delta R.T.: -0.002 min
Response: 1291702
Conc: 10.71 ug/ml



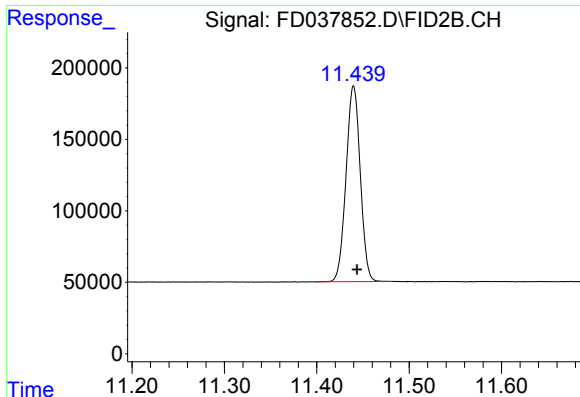
#7 n-Hexadecane (C16)

R.T.: 9.696 min
Delta R.T.: -0.002 min
Response: 1319474
Conc: 10.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.130 min
Delta R.T.: -0.004 min
Response: 1372620
Conc: 10.73 ug/ml



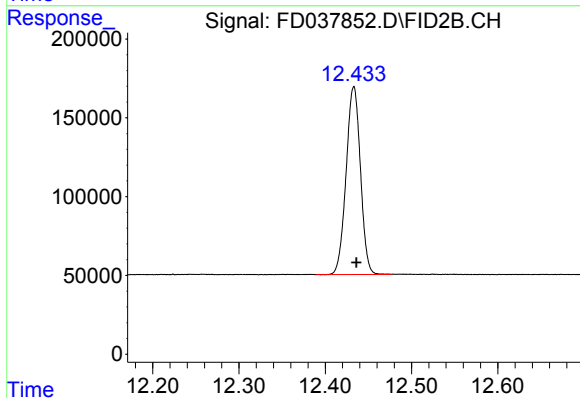
#9 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.004 min
Response: 1464549
Conc: 10.72 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

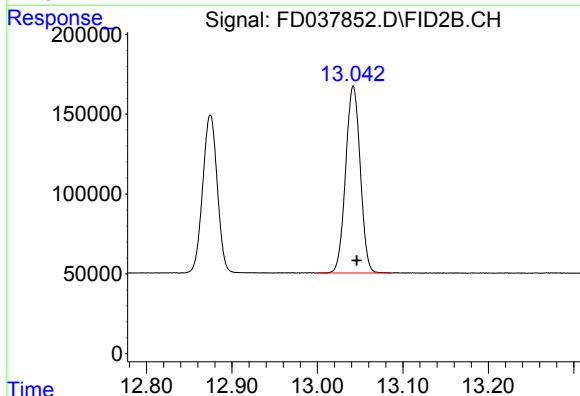
Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM



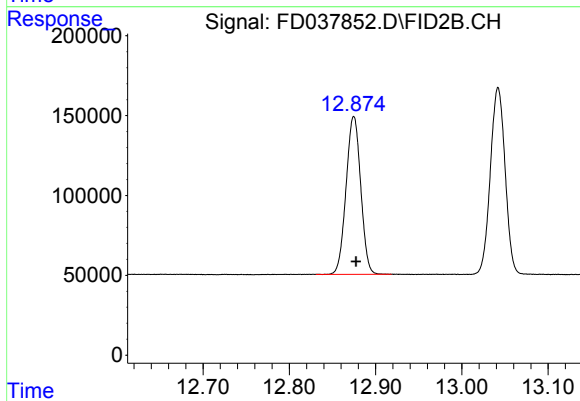
#10 n-Eicosane (C20)

R.T.: 12.433 min
Delta R.T.: -0.003 min
Response: 1375421
Conc: 10.81 ug/ml



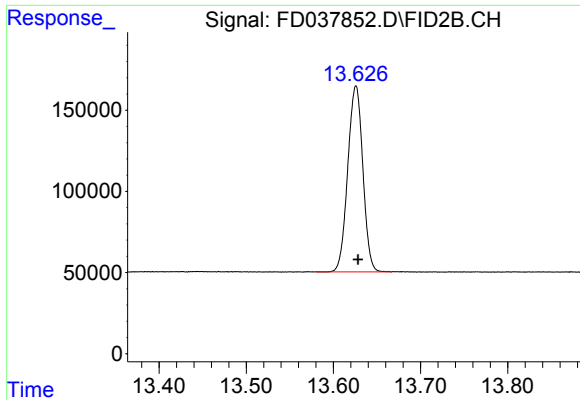
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: -0.004 min
Response: 1390269
Conc: 10.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.875 min
Delta R.T.: -0.003 min
Response: 1165820
Conc: 10.81 ug/ml



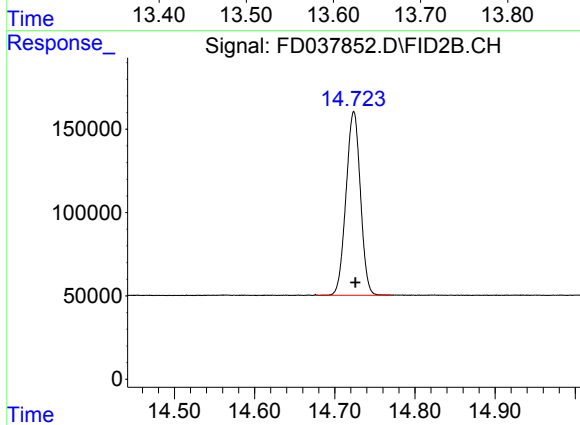
#13 n-Docosane (C22)

R.T.: 13.626 min
Delta R.T.: -0.002 min
Response: 1377721
Conc: 10.89 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

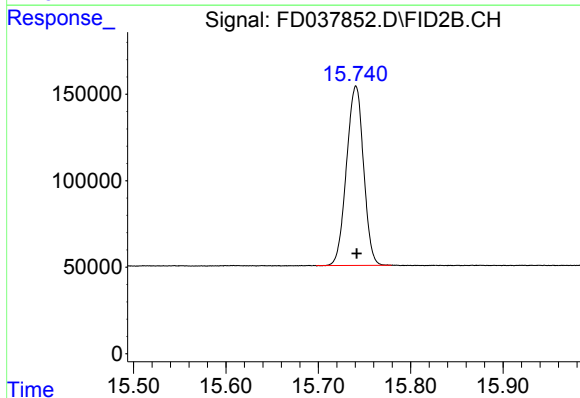
Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM



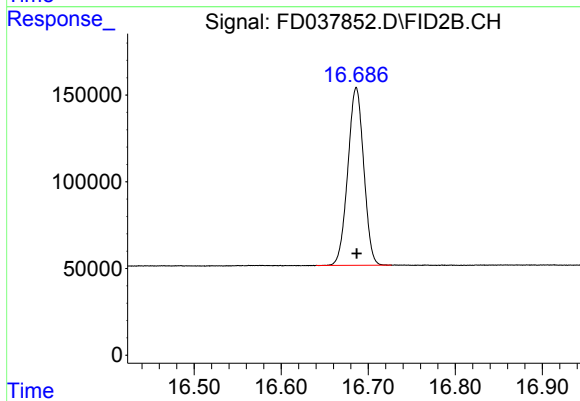
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: -0.002 min
Response: 1372839
Conc: 10.93 ug/ml



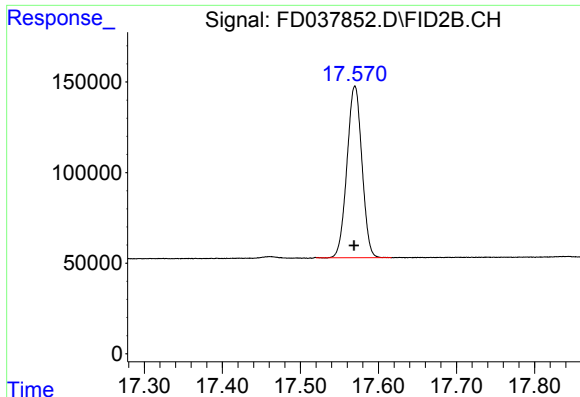
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 1331371
Conc: 10.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: 0.000 min
Response: 1302200
Conc: 10.93 ug/ml



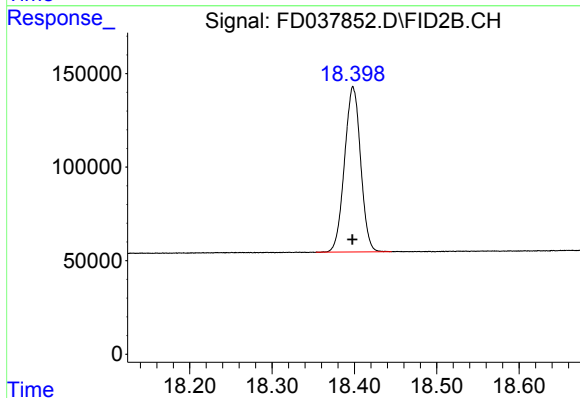
#17 n-Tricontane (C30)

R.T.: 17.570 min
Delta R.T.: 0.001 min
Response: 1261356
Conc: 10.92 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

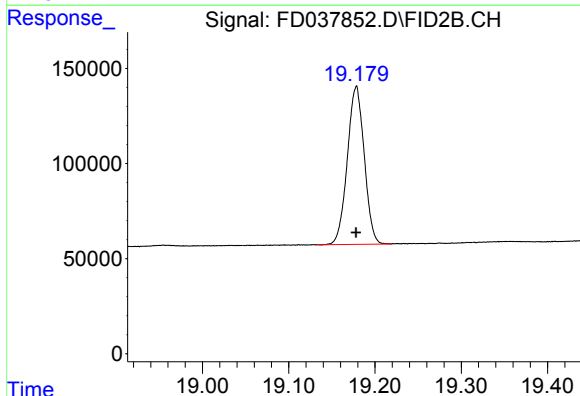
Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM



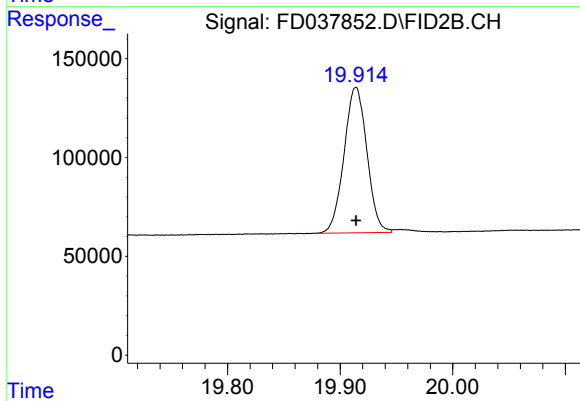
#18 n-Dotriacontane (C32)

R.T.: 18.398 min
Delta R.T.: 0.000 min
Response: 1199643
Conc: 10.79 ug/ml



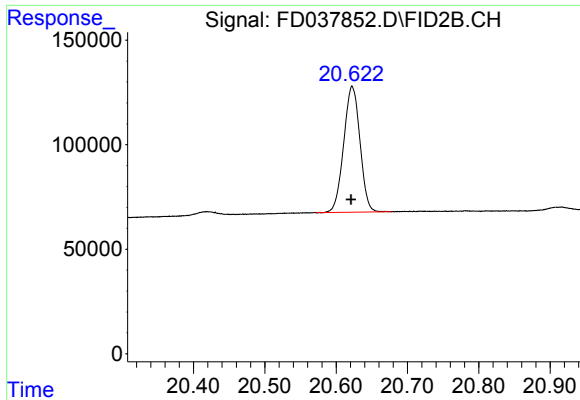
#19 n-Tetratriacontane (C34)

R.T.: 19.178 min
Delta R.T.: 0.000 min
Response: 1131767
Conc: 10.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.914 min
Delta R.T.: 0.000 min
Response: 1038773
Conc: 10.69 ug/ml m



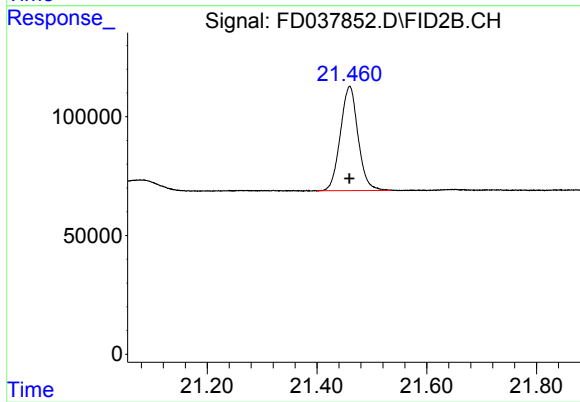
#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: 0.001 min
Response: 954294
Conc: 10.66 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations
APPROVED

Ankita
6/11/2021 2:29:05 PM



#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: 0.000 min
Response: 980576
Conc: 9.64 ug/ml