

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092019AL\
 Data File : FD030789.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2019 11:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 9/23/2019 1:37:01 PM

Integration File: autoint1.e
 Quant Time: Sep 20 22:41:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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			
9) S ortho-Terphenyl (SURR)	11.477	2835289	19.493 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	12.905	2109665	19.317 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.295	2665965	21.358 ug/ml
2) T n-Decane (C10)	4.353	2681263	21.430 ug/ml
3) T A~Naphthalene (C11.7)	5.926	2987878	21.307 ug/ml
4) T n-Dodecane (C12)	6.358	2707762	21.403 ug/ml
5) T A~2-methylnaphthalene...	6.976	3017051	21.288 ug/ml
6) T n-Tetradecane (C14)	8.142	2697708	21.198 ug/ml
7) T n-Hexadecane (C16)	9.732	2669927	20.917 ug/ml
8) T n-Octadecane (C18)	11.164	2613471	20.387 ug/ml
10) T n-Eicosane (C20)	12.464	2531095	19.861 ug/ml
11) T n-Heneicosane (C21)	13.071	2504905	19.581 ug/ml
13) T n-Docosane (C22)	13.653	2448391	19.222 ug/ml
14) T n-Tetracosane (C24)	14.747	2379598	18.739 ug/ml
15) T n-Hexacosane (C26)	15.760	2300192	18.492 ug/ml
16) T n-Octacosane (C28)	16.702	2256833	18.510 ug/ml
17) T n-Tricontane (C30)	17.581	2267155	19.069 ug/ml
18) T n-Dotriacontane (C32)	18.407	2231639	19.463 ug/mlm
19) T n-Tetratriacontane (C34)	19.185	2216078	20.412 ug/mlm
20) T n-Hexatriacontane (C36)	19.917	2157352	21.016 ug/mlm
21) T n-Octatriacontane (C38)	20.622	2075186	21.386 ug/mlm
22) T n-Tetracontane (C40)	21.467	2104870	20.528 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092019AL\
Data File : FD030789.D
Signal(s) : FID2B.CH
Acq On : 20 Sep 2019 11:39
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

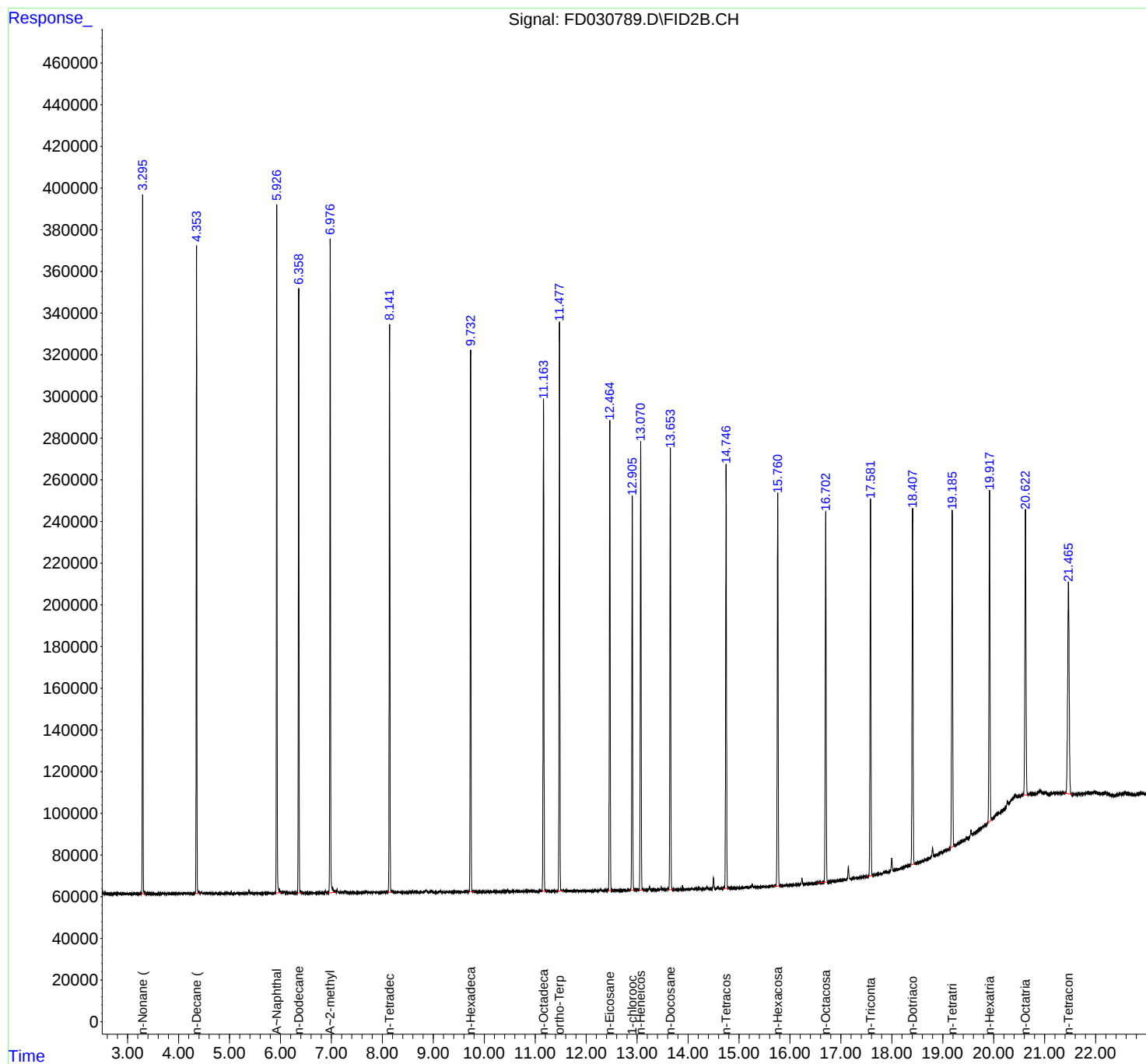
Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

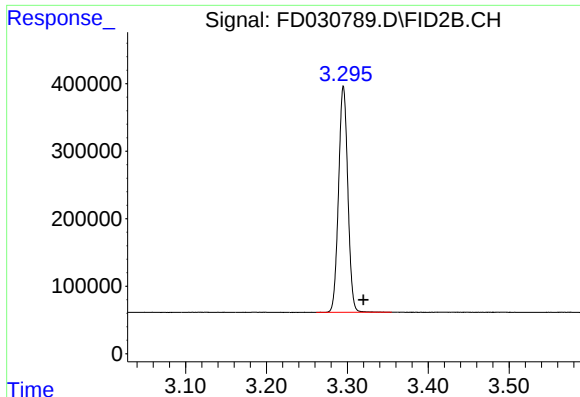
Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM

Integration File: autoint1.e
Quant Time: Sep 20 22:41:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
Quant Title : GC Extractables
QLast Update : Wed Sep 04 04:22:49 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





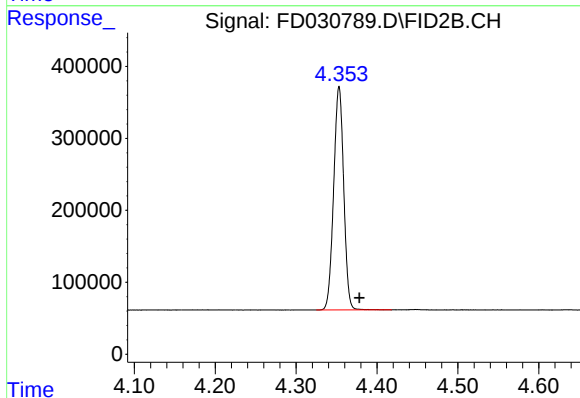
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.025 min
Response: 2665965
Conc: 21.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

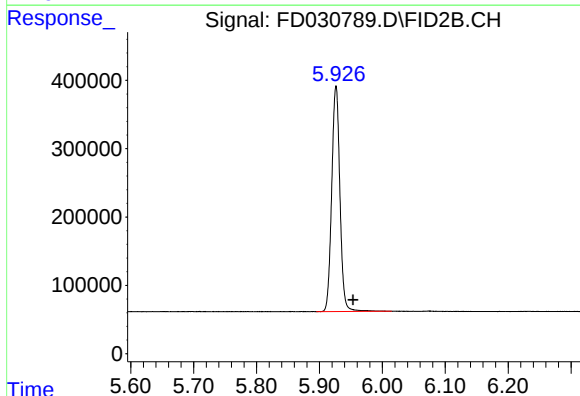
Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM



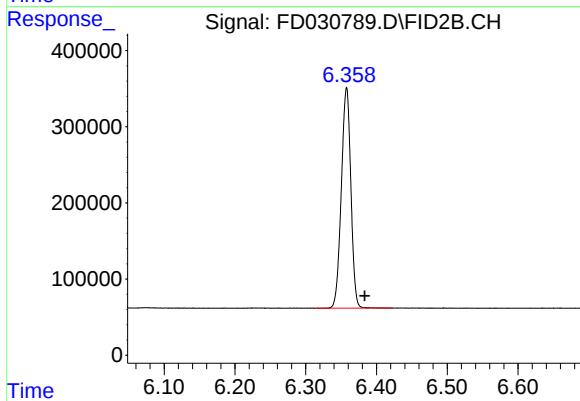
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.025 min
Response: 2681263
Conc: 21.43 ug/ml



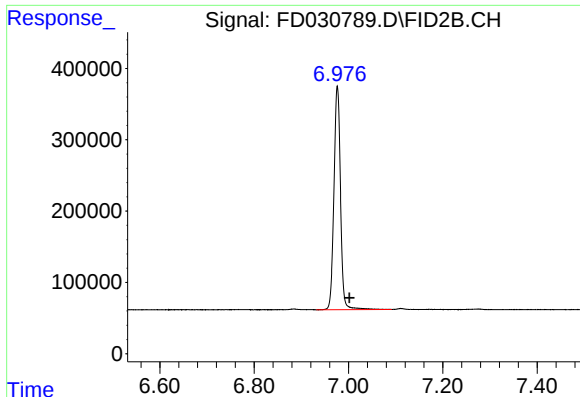
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.027 min
Response: 2987878
Conc: 21.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.026 min
Response: 2707762
Conc: 21.40 ug/ml



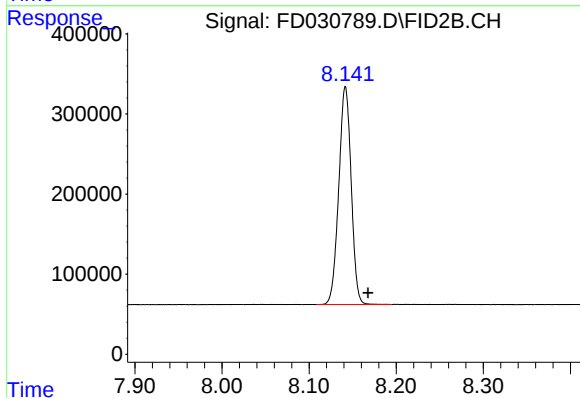
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.026 min
Response: 3017051
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

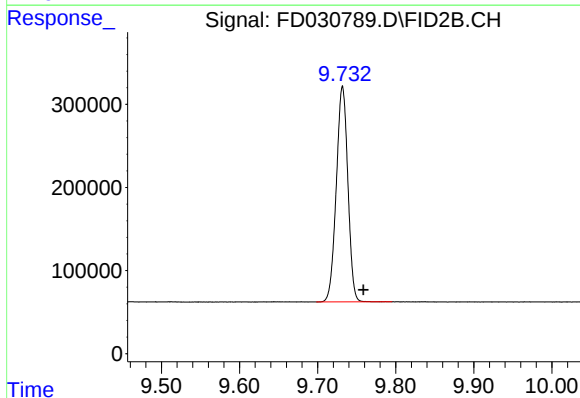
Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM



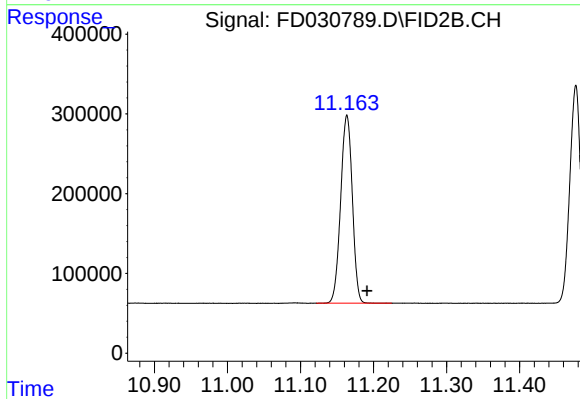
#6 n-Tetradecane (C14)

R.T.: 8.142 min
Delta R.T.: -0.026 min
Response: 2697708
Conc: 21.20 ug/ml



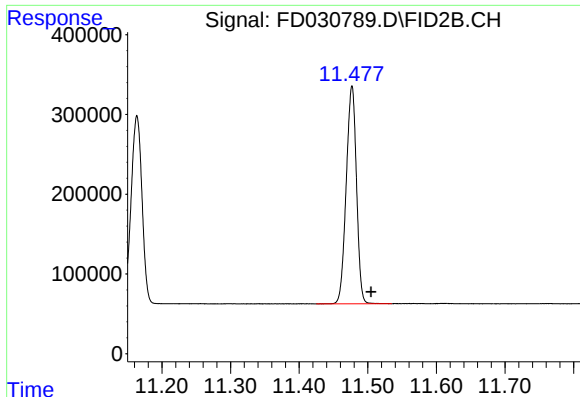
#7 n-Hexadecane (C16)

R.T.: 9.732 min
Delta R.T.: -0.027 min
Response: 2669927
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.164 min
Delta R.T.: -0.028 min
Response: 2613471
Conc: 20.39 ug/ml



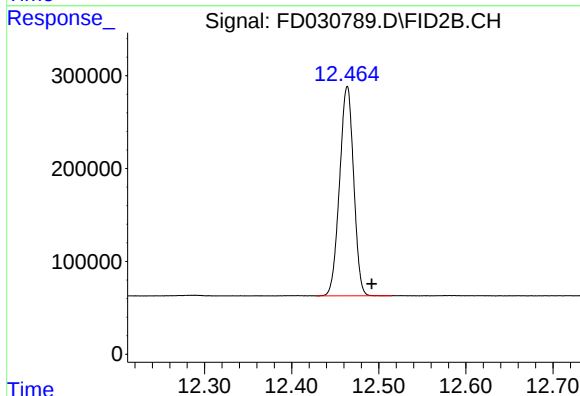
#9 ortho-Terphenyl (SURR)

R.T.: 11.477 min
Delta R.T.: -0.028 min
Response: 2835289
Conc: 19.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

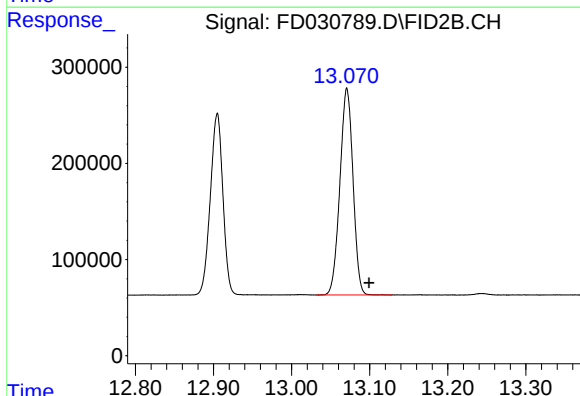
Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM



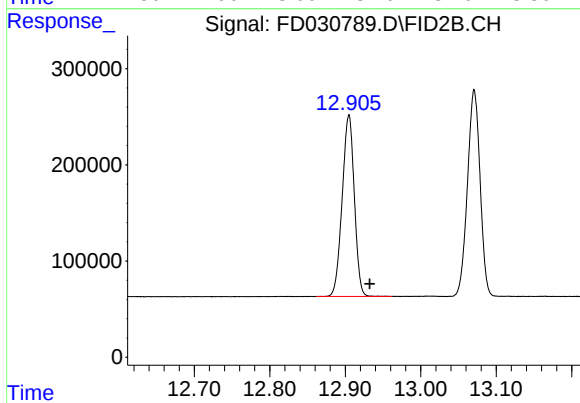
#10 n-Eicosane (C20)

R.T.: 12.464 min
Delta R.T.: -0.028 min
Response: 2531095
Conc: 19.86 ug/ml



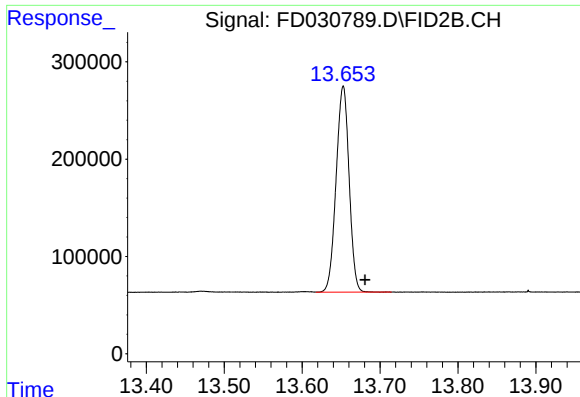
#11 n-Heneicosane (C21)

R.T.: 13.071 min
Delta R.T.: -0.028 min
Response: 2504905
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.905 min
Delta R.T.: -0.028 min
Response: 2109665
Conc: 19.32 ug/ml



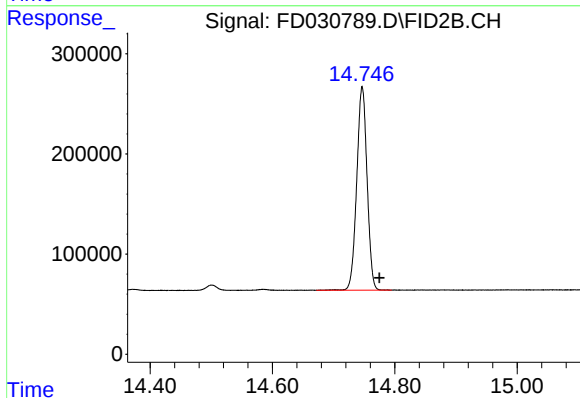
#13 n-Docosane (C22)

R.T.: 13.653 min
Delta R.T.: -0.028 min
Response: 2448391
Conc: 19.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

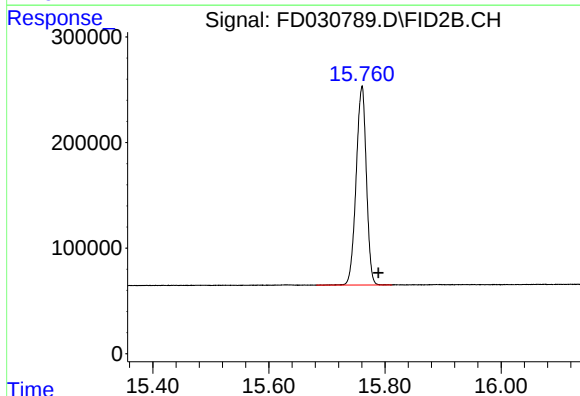
Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM



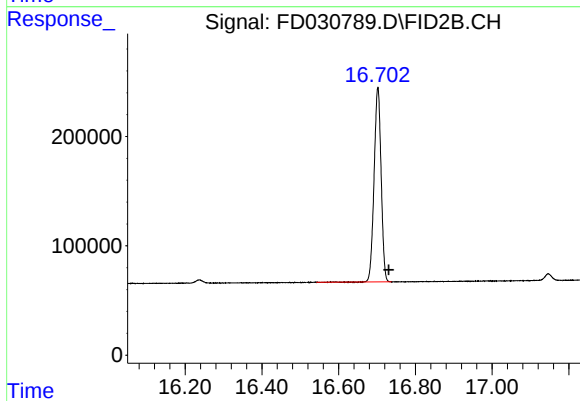
#14 n-Tetracosane (C24)

R.T.: 14.747 min
Delta R.T.: -0.028 min
Response: 2379598
Conc: 18.74 ug/ml



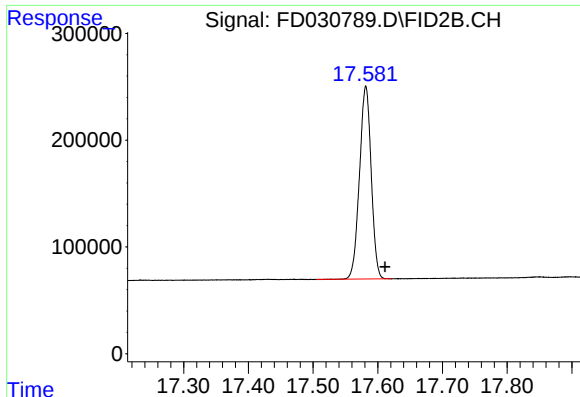
#15 n-Hexacosane (C26)

R.T.: 15.760 min
Delta R.T.: -0.029 min
Response: 2300192
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.702 min
Delta R.T.: -0.028 min
Response: 2256833
Conc: 18.51 ug/ml



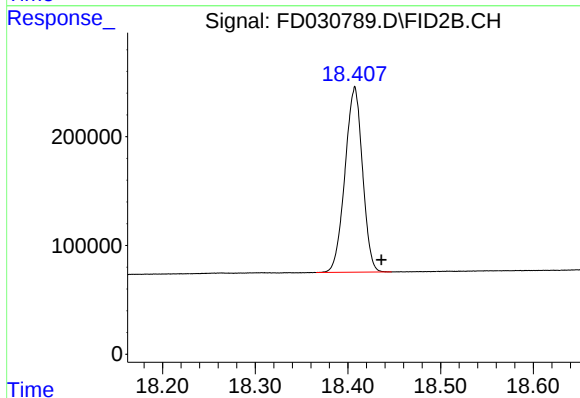
#17 n-Tricontane (C30)

R.T.: 17.581 min
Delta R.T.: -0.030 min
Response: 2267155
Conc: 19.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

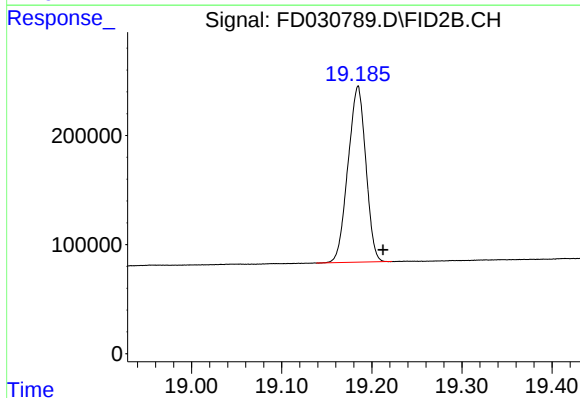
Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM



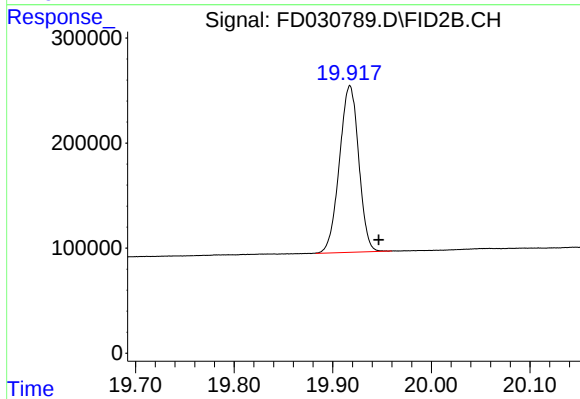
#18 n-Dotriacontane (C32)

R.T.: 18.407 min
Delta R.T.: -0.029 min
Response: 2231639
Conc: 19.46 ug/ml m



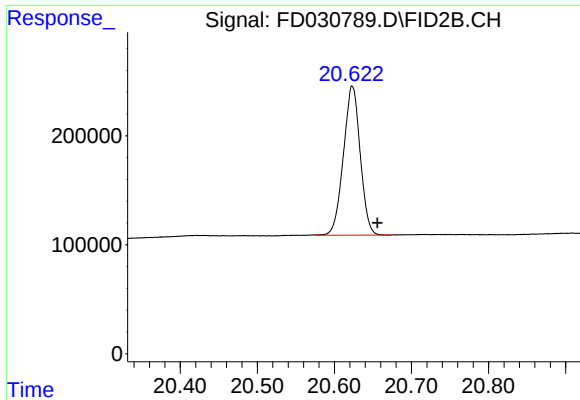
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.028 min
Response: 2216078
Conc: 20.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.917 min
Delta R.T.: -0.030 min
Response: 2157352
Conc: 21.02 ug/ml m



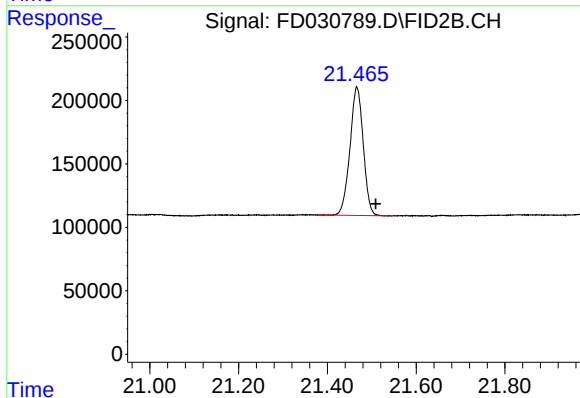
#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.034 min
Response: 2075186
Conc: 21.39 ug/ml m

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

mohammad
9/23/2019 1:37:01 PM



#22 n-Tetracontane (C40)

R.T.: 21.467 min
Delta R.T.: -0.042 min
Response: 2104870
Conc: 20.53 ug/ml