

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
 Data File : FD038220.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 17:49
 Operator : AJ\MA
 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
 7/16/2021 11:36:30 AM

Integration File: autoint1.e
 Quant Time: Jul 16 04:11:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.424	2645779	18.303 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
12) S 1-chlorooctadecane (S...	12.858	2052079	17.999 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
Target Compounds			
1) T n-Nonane (C9)	3.227	2479989	20.409 ug/ml
2) T n-Decane (C10)	4.286	2528750	20.675 ug/ml
3) T A~Naphthalene (C11.7)	5.861	2825276	20.668 ug/ml
4) T n-Dodecane (C12)	6.296	2582449	20.734 ug/ml
5) T A~2-methylnaphthalene...	6.914	2824758	20.508 ug/ml
6) T n-Tetradecane (C14)	8.084	2638801	20.531 ug/ml
7) T n-Hexadecane (C16)	9.677	2625257	20.259 ug/ml
8) T n-Octadecane (C18)	11.113	2633263	19.553 ug/ml
10) T n-Eicosane (C20)	12.416	2516277	18.734 ug/ml
11) T n-Heneicosane (C21)	13.025	2485861	18.297 ug/ml
13) T n-Docosane (C22)	13.609	2439328	18.130 ug/ml
14) T n-Tetracosane (C24)	14.707	2422508	17.940 ug/ml
15) T n-Hexacosane (C26)	15.724	2290291	17.383 ug/ml
16) T n-Octacosane (C28)	16.669	2242388	17.198 ug/mlm
17) T n-Tricontane (C30)	17.552	2232533	17.470 ug/ml
18) T n-Dotriacontane (C32)	18.383	2202893	17.903 ug/mlm
19) T n-Tetratriacontane (C34)	19.161	2181777	18.631 ug/mlm
20) T n-Hexatriacontane (C36)	19.898	2038047	18.662 ug/mlm
21) T n-Octatriacontane (C38)	20.606	2213620	21.978 ug/ml
22) T n-Tetracontane (C40)	21.438	2226765	22.767 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
Data File : FD038220.D
Signal(s) : FID2B.CH
Acq On : 15 Jul 2021 17:49
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

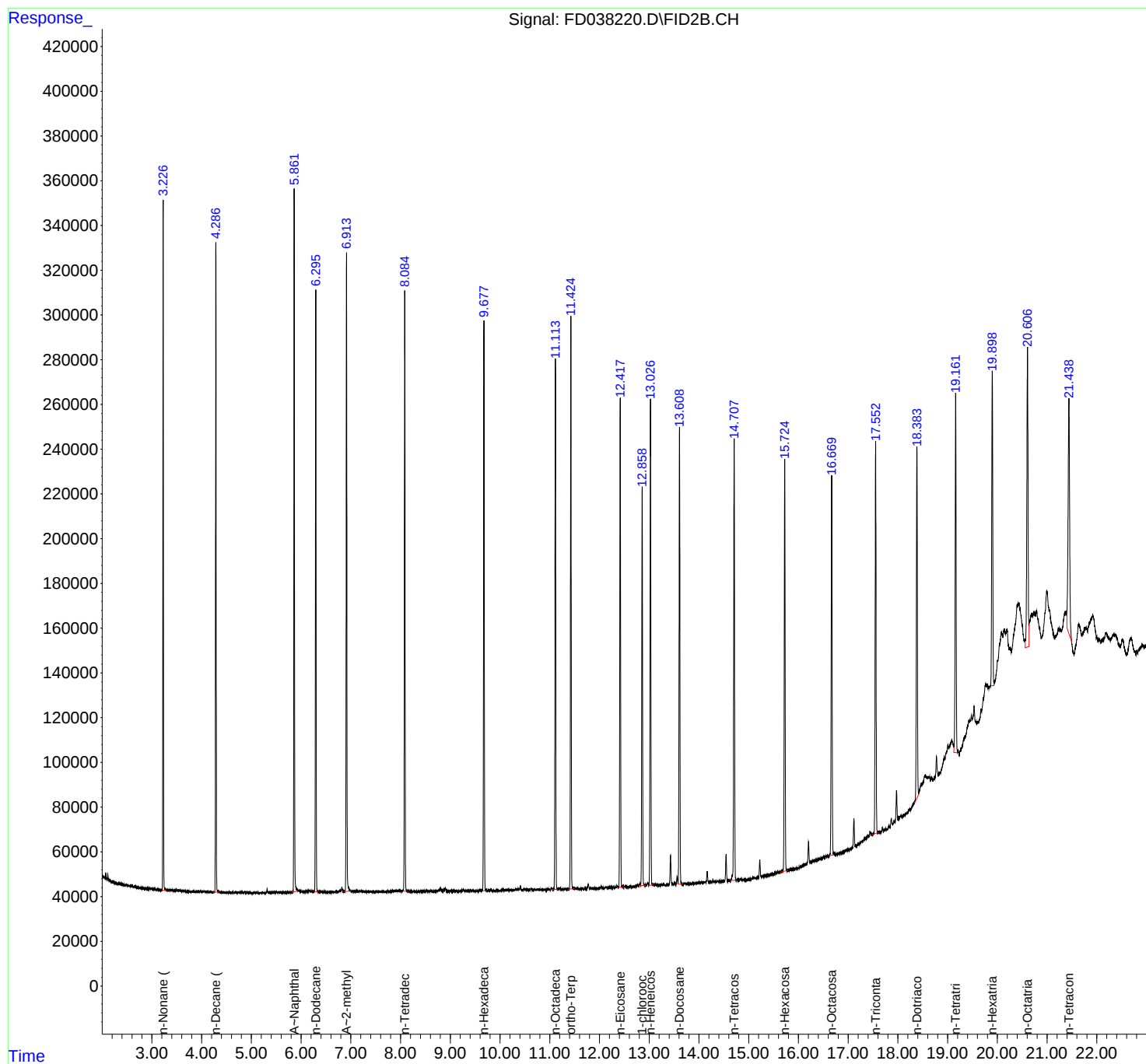
Instrument :
FID_D
ClientSampled :
20 PPM ALIPHATIC HC STD

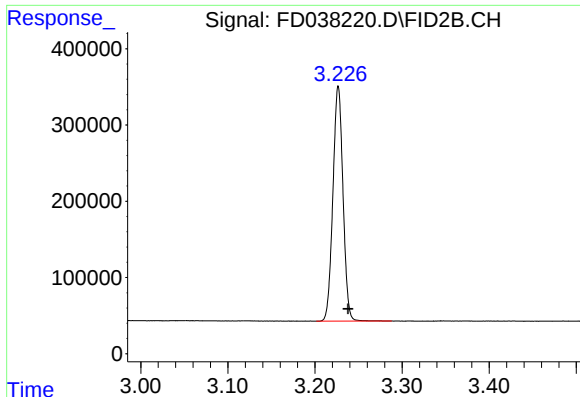
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM

Integration File: autoint1.e
Quant Time: Jul 16 04:11:57 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
Quant Title : GC Extractables
QLast Update : Wed Jul 07 10:58:41 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





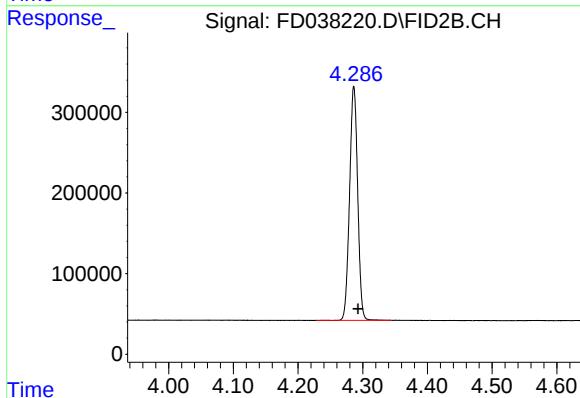
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.011 min
Response: 2479989
Conc: 20.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

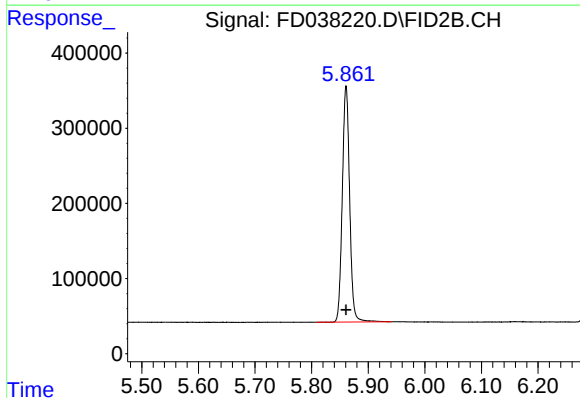
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM



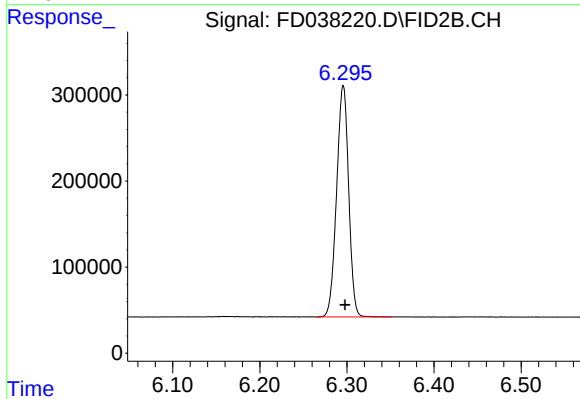
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.006 min
Response: 2528750
Conc: 20.67 ug/ml



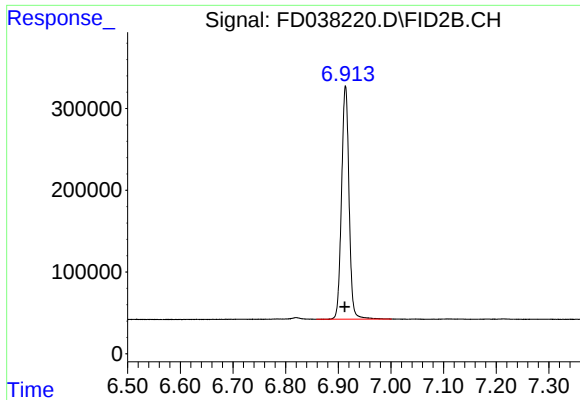
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 2825276
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2582449
Conc: 20.73 ug/ml



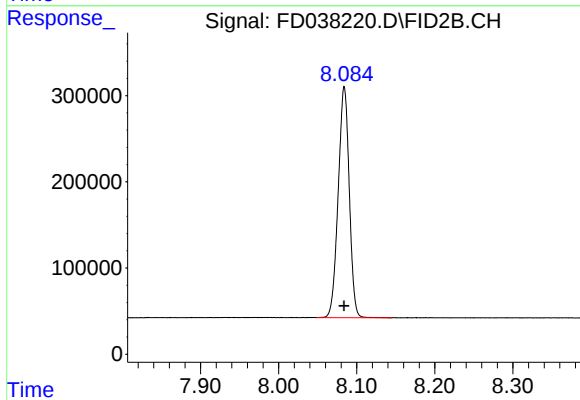
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 2824758
Conc: 20.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

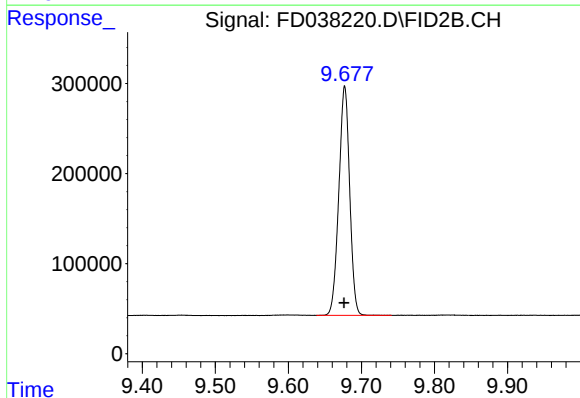
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM



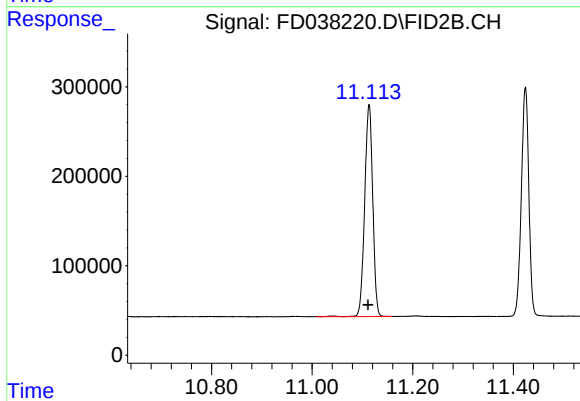
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 2638801
Conc: 20.53 ug/ml



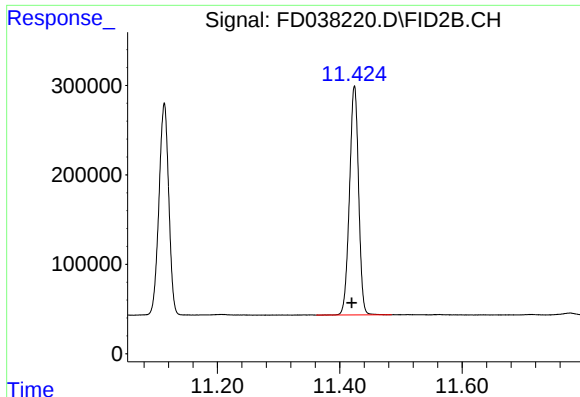
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: 0.000 min
Response: 2625257
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.113 min
Delta R.T.: 0.002 min
Response: 2633263
Conc: 19.55 ug/ml



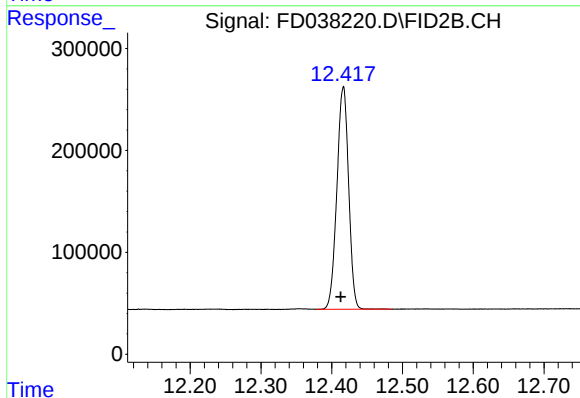
#9 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: 0.004 min
Response: 2645779
Conc: 18.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

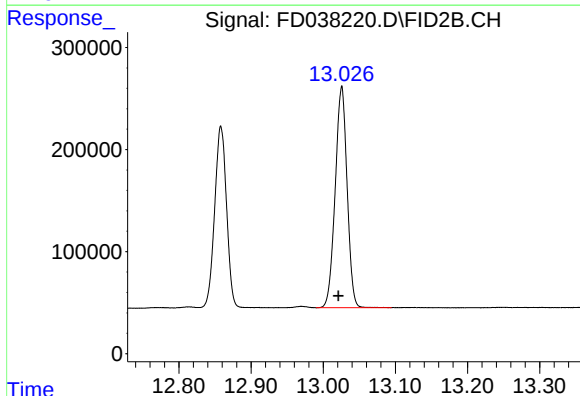
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM



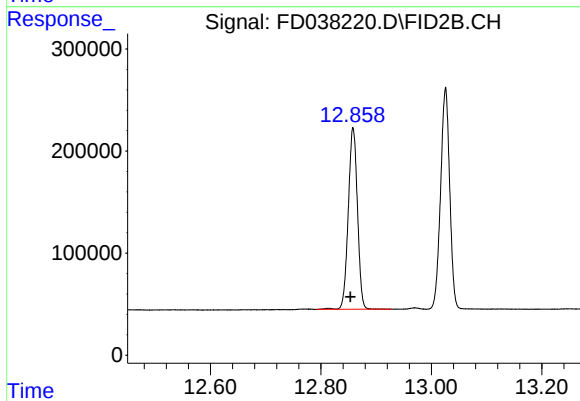
#10 n-Eicosane (C20)

R.T.: 12.416 min
Delta R.T.: 0.004 min
Response: 2516277
Conc: 18.73 ug/ml



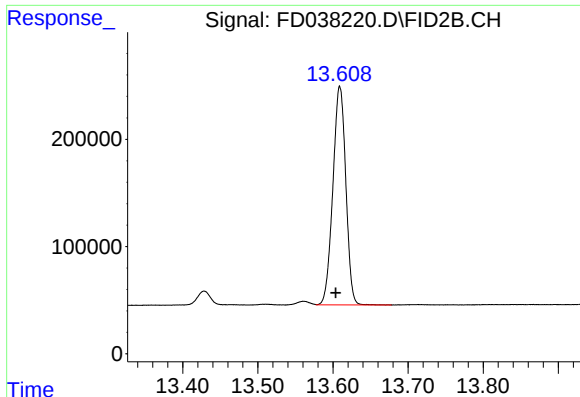
#11 n-Heneicosane (C21)

R.T.: 13.025 min
Delta R.T.: 0.004 min
Response: 2485861
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.858 min
Delta R.T.: 0.005 min
Response: 2052079
Conc: 18.00 ug/ml



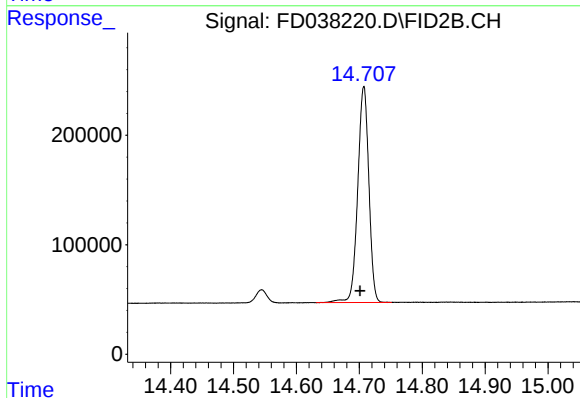
#13 n-Docosane (C22)

R.T.: 13.609 min
Delta R.T.: 0.006 min
Response: 2439328
Conc: 18.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

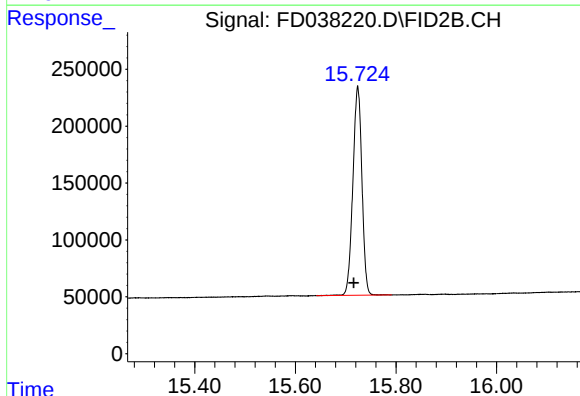
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM



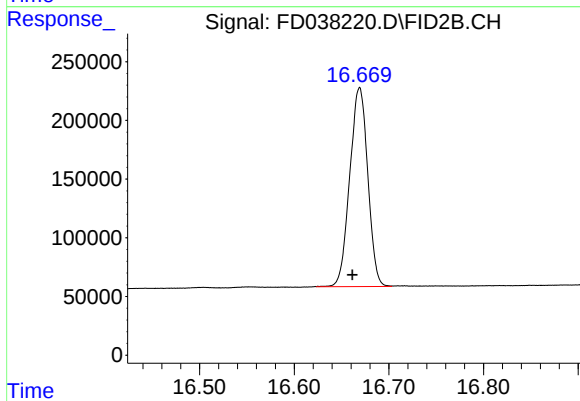
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: 0.006 min
Response: 2422508
Conc: 17.94 ug/ml



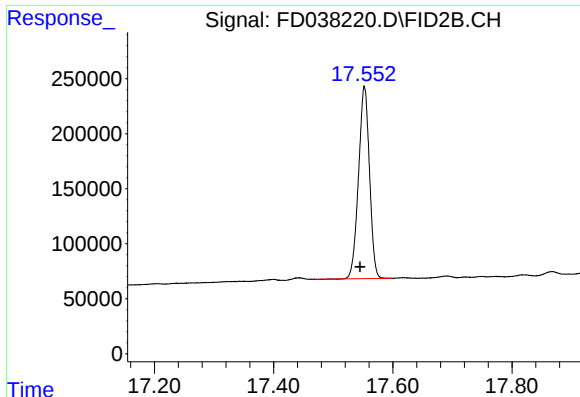
#15 n-Hexacosane (C26)

R.T.: 15.724 min
Delta R.T.: 0.008 min
Response: 2290291
Conc: 17.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.669 min
Delta R.T.: 0.008 min
Response: 2242388
Conc: 17.20 ug/ml m



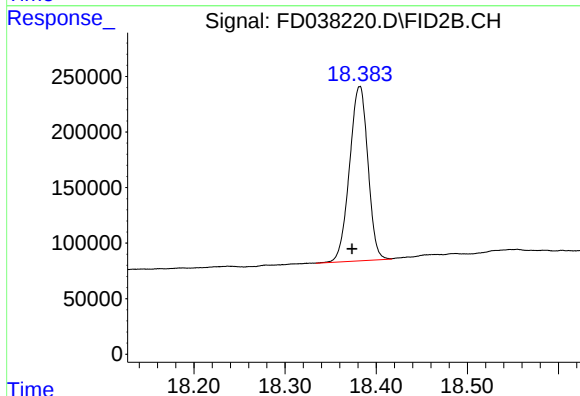
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.007 min
Response: 2232533
Conc: 17.47 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

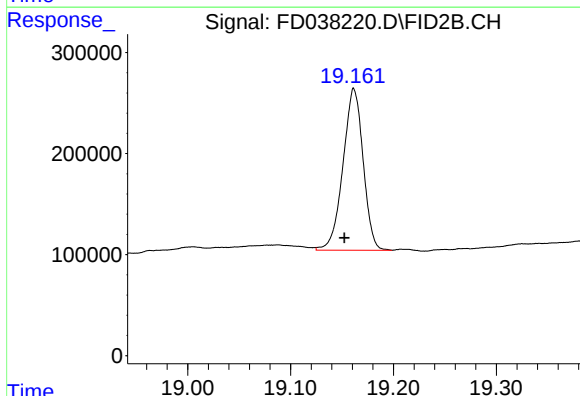
Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM



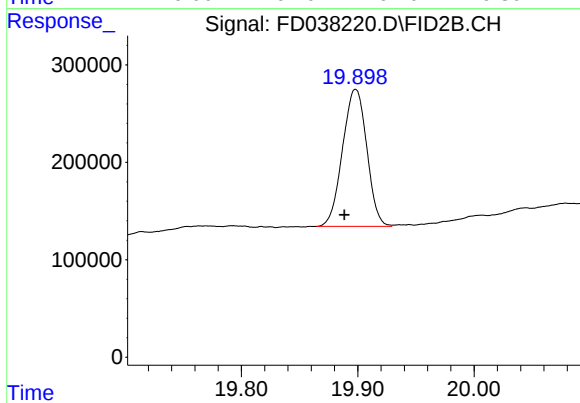
#18 n-Dotriacontane (C32)

R.T.: 18.383 min
Delta R.T.: 0.009 min
Response: 2202893
Conc: 17.90 ug/ml m



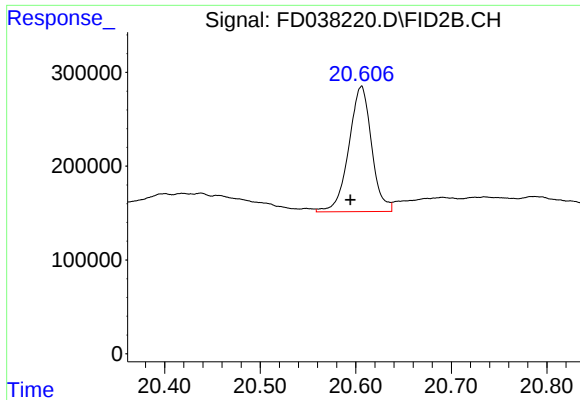
#19 n-Tetratriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.008 min
Response: 2181777
Conc: 18.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.898 min
Delta R.T.: 0.009 min
Response: 2038047
Conc: 18.66 ug/ml m



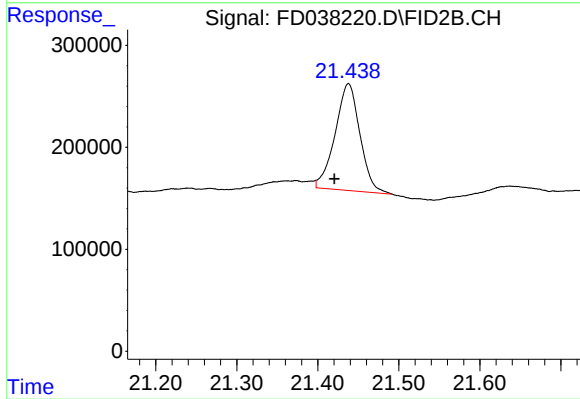
#21 n-Octatriacontane (C38)

R.T.: 20.606 min
Delta R.T.: 0.011 min
Response: 2213620
Conc: 21.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

mohammad
7/16/2021 11:36:30 AM



#22 n-Tetracontane (C40)

R.T.: 21.438 min
Delta R.T.: 0.017 min
Response: 2226765
Conc: 22.77 ug/ml m