

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AL\
 Data File : FD038102.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2021 4:13
 Operator : DD\AJ
 Sample : M2934-06MSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 4MSD

Manual Integrations
 APPROVED

mohammad
 7/8/2021 4:43:50 PM

Integration File: autoint1.e
 Quant Time: Jul 08 06:43:49 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)	11.422	3396418	23.496 ug/ml
Spiked Amount 50.000		Recovery =	46.99%
12) S 1-chlorooctadecane (S...	12.856	2430239	21.316 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T n-Nonane (C9)	3.260	6557620	53.965 ug/ml
2) T n-Decane (C10)	4.305	6940317	56.743 ug/ml
3) T A~Naphthalene (C11.7)	5.866	7677051	56.159 ug/ml
4) T n-Dodecane (C12)	6.302	7236725	58.103 ug/ml
5) T A~2-methylnaphthalene...	6.916	7349147	53.355 ug/ml
6) T n-Tetradecane (C14)	8.089	7309250	56.868 ug/ml
7) T n-Hexadecane (C16)	9.680	7223360	55.742 ug/ml
8) T n-Octadecane (C18)	11.116	7348647	54.566 ug/ml
10) T n-Eicosane (C20)	12.419	7000041	52.116 ug/ml
11) T n-Heneicosane (C21)	13.028	6921535	50.946 ug/ml
13) T n-Docosane (C22)	13.611	6795588	50.506 ug/ml
14) T n-Tetracosane (C24)	14.707	6007445	44.489 ug/ml
15) T n-Hexacosane (C26)	15.725	6222295	47.226 ug/mlm
16) T n-Octacosane (C28)	16.668	5848557	44.855 ug/ml
17) T n-Tricontane (C30)	17.552	5469553	42.800 ug/ml
18) T n-Dotriacontane (C32)	18.378	5068968	41.196 ug/ml
19) T n-Tetratriacontane (C34)	19.157	4727575	40.371 ug/mlm
20) T n-Hexatriacontane (C36)	19.894	4444757	40.700 ug/ml
21) T n-Octatriacontane (C38)	20.600	4228724	41.986 ug/ml
22) T n-Tetracontane (C40)	21.431	4532515	46.342 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AL\
Data File : FD038102.D
Signal(s) : FID2B.CH
Acq On : 08 Jul 2021 4:13
Operator : DD\AJ
Sample : M2934-06MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

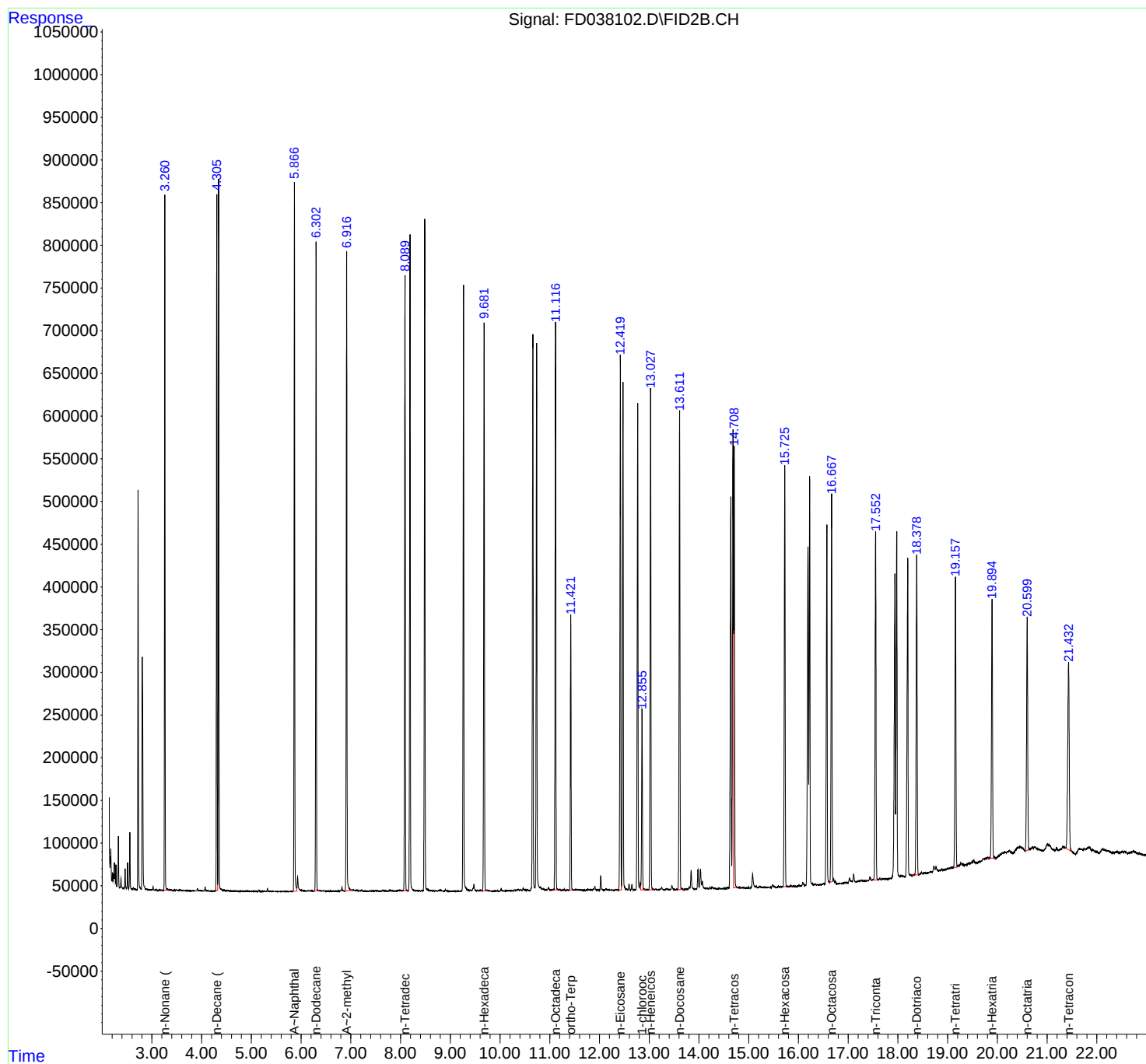
Instrument :
FID_D
ClientSampled :
4MSD

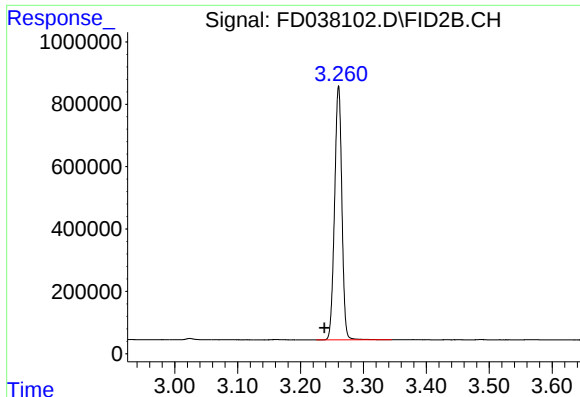
Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM

Integration File: autoint1.e
Quant Time: Jul 08 06:43:49 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





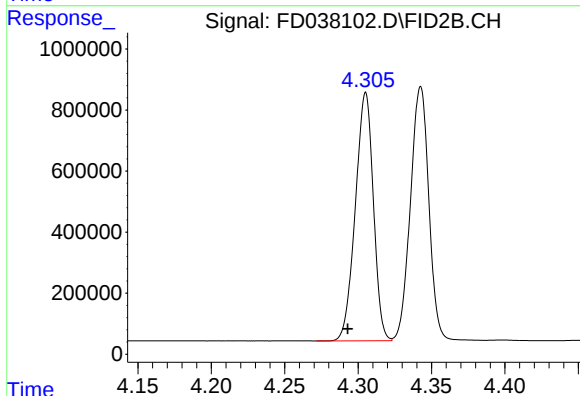
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.022 min
Response: 6557620
Conc: 53.97 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD

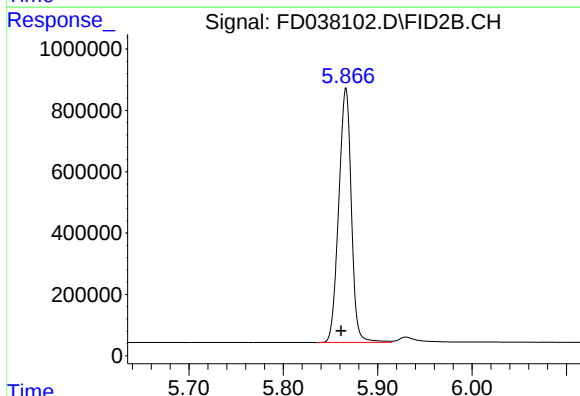
Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM



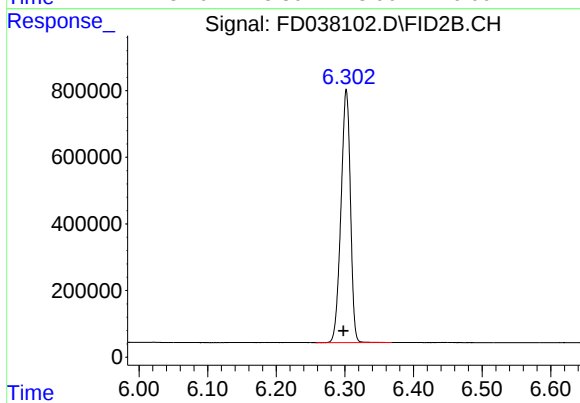
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: 0.012 min
Response: 6940317
Conc: 56.74 ug/ml



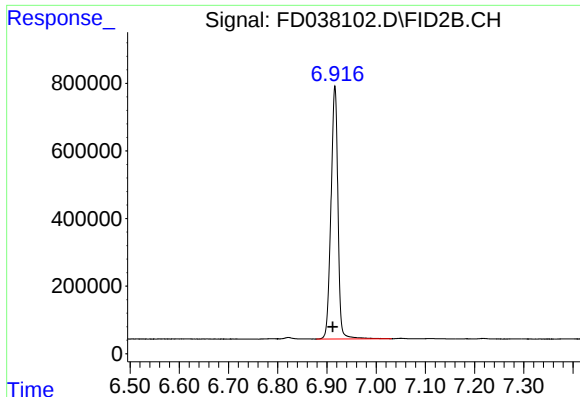
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.005 min
Response: 7677051
Conc: 56.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.302 min
Delta R.T.: 0.004 min
Response: 7236725
Conc: 58.10 ug/ml



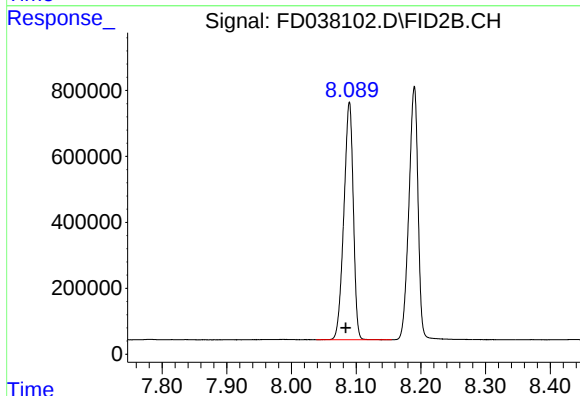
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 7349147
Conc: 53.36 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD

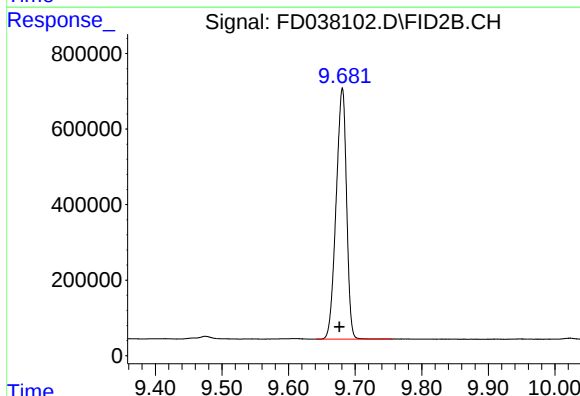
Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM



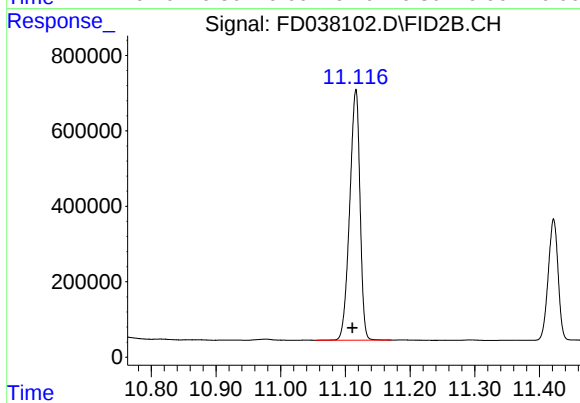
#6 n-Tetradecane (C14)

R.T.: 8.089 min
Delta R.T.: 0.005 min
Response: 7309250
Conc: 56.87 ug/ml



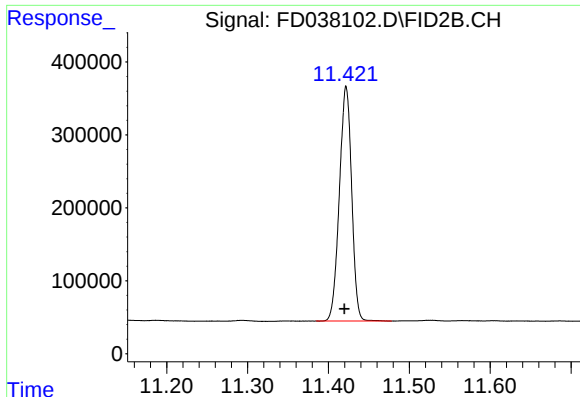
#7 n-Hexadecane (C16)

R.T.: 9.680 min
Delta R.T.: 0.004 min
Response: 7223360
Conc: 55.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.116 min
Delta R.T.: 0.005 min
Response: 7348647
Conc: 54.57 ug/ml



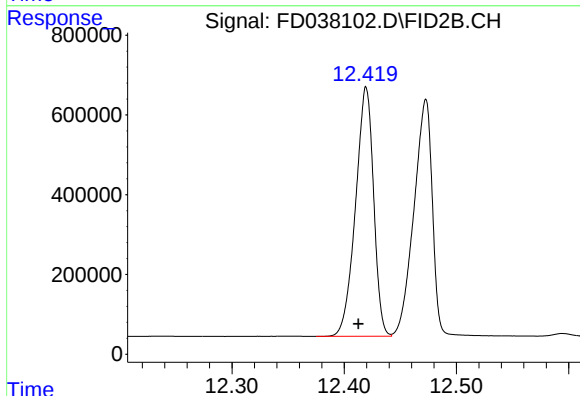
#9 ortho-Terphenyl (SURR)

R.T.: 11.422 min
Delta R.T.: 0.002 min
Response: 3396418
Conc: 23.50 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD

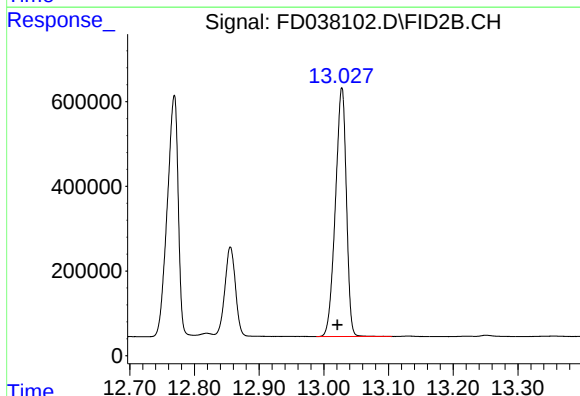
Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM



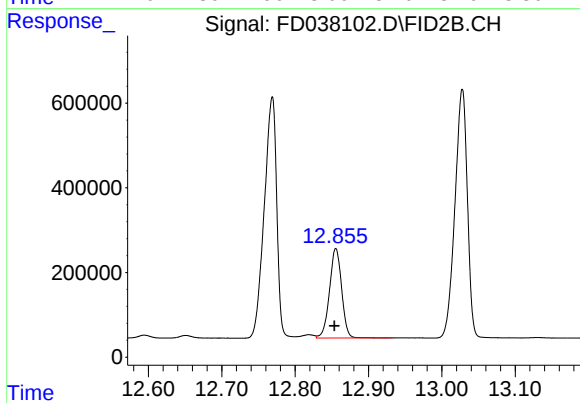
#10 n-Eicosane (C20)

R.T.: 12.419 min
Delta R.T.: 0.007 min
Response: 7000041
Conc: 52.12 ug/ml



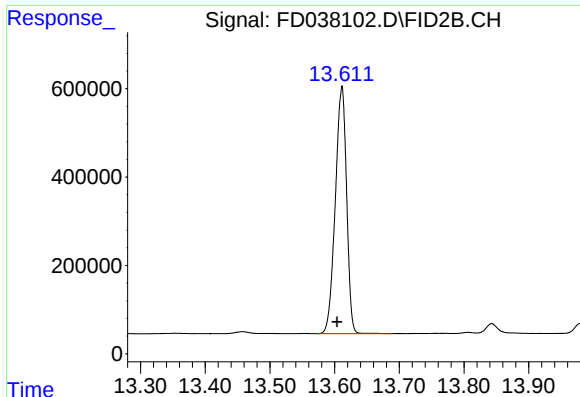
#11 n-Heneicosane (C21)

R.T.: 13.028 min
Delta R.T.: 0.007 min
Response: 6921535
Conc: 50.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.856 min
Delta R.T.: 0.002 min
Response: 2430239
Conc: 21.32 ug/ml



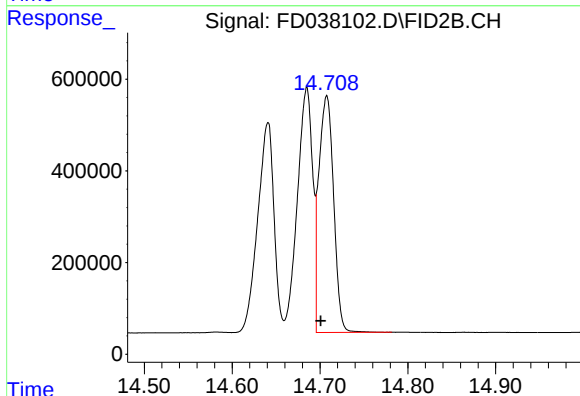
#13 n-Docosane (C22)

R.T.: 13.611 min
Delta R.T.: 0.007 min
Response: 6795588
Conc: 50.51 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD

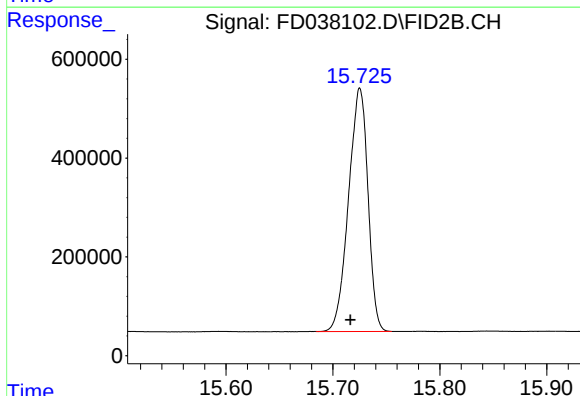
Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM



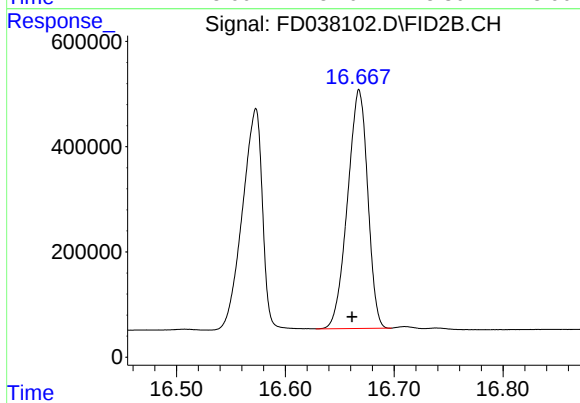
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: 0.006 min
Response: 6007445
Conc: 44.49 ug/ml



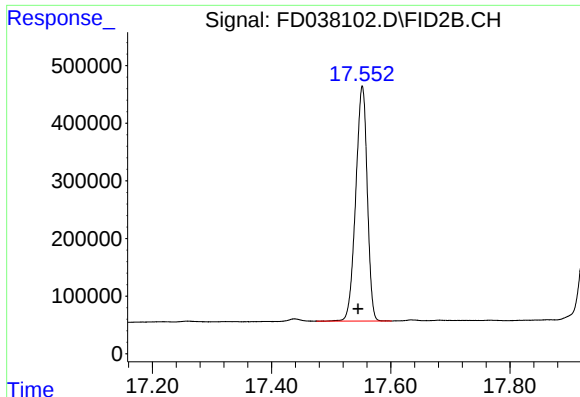
#15 n-Hexacosane (C26)

R.T.: 15.725 min
Delta R.T.: 0.008 min
Response: 6222295
Conc: 47.23 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.668 min
Delta R.T.: 0.006 min
Response: 5848557
Conc: 44.85 ug/ml



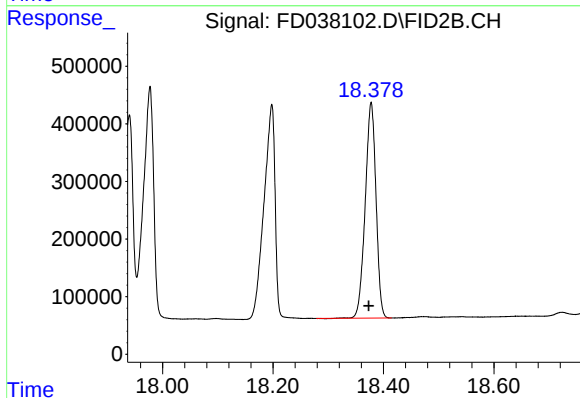
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: 0.007 min
Response: 5469553
Conc: 42.80 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD

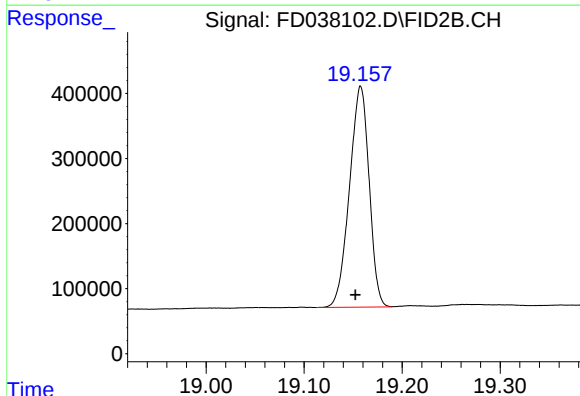
Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM



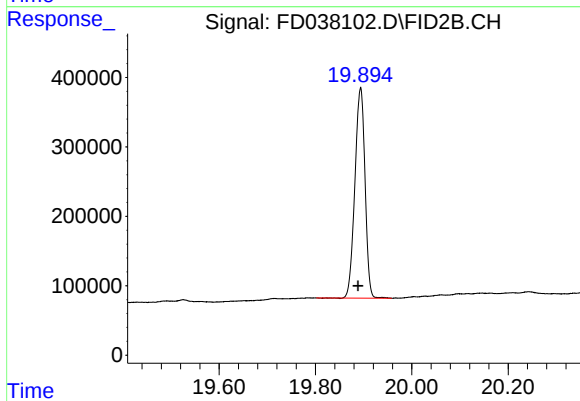
#18 n-Dotriacontane (C32)

R.T.: 18.378 min
Delta R.T.: 0.004 min
Response: 5068968
Conc: 41.20 ug/ml



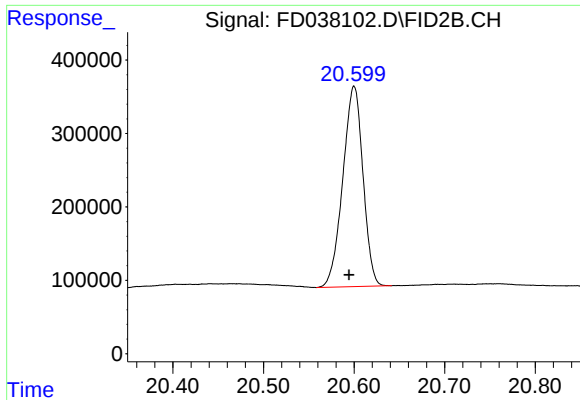
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: 0.005 min
Response: 4727575
Conc: 40.37 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.894 min
Delta R.T.: 0.005 min
Response: 4444757
Conc: 40.70 ug/ml



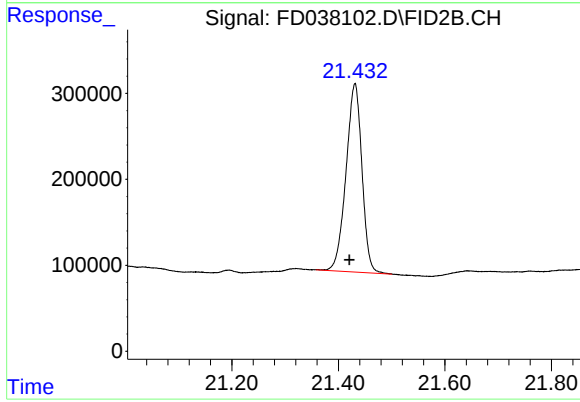
#21 n-Octatriacontane (C38)

R.T.: 20.600 min
Delta R.T.: 0.006 min
Response: 4228724
Conc: 41.99 ug/ml

Instrument :
FID_D
ClientSampleId :
4MSD

Manual Integrations
APPROVED

mohammad
7/8/2021 4:43:50 PM



#22 n-Tetracontane (C40)

R.T.: 21.431 min
Delta R.T.: 0.010 min
Response: 4532515
Conc: 46.34 ug/ml