

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
 Data File : FC055505.D
 Signal(s) : FID1A.CH
 Acq On : 03 Sep 2021 2:21
 Operator : AJ\MA
 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

mohammad
 9/7/2021 8:07:00 AM

Integration File: autoint1.e
 Quant Time: Sep 03 03:17:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.659	2480183	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	13.093	1901644	19.215 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.401	2366781	21.895 ug/ml
2) T n-Decane (C10)	4.472	2425715	22.246 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2726043	22.123 ug/ml
4) T n-Dodecane (C12)	6.495	2437557	22.262 ug/ml
5) T A~2-methylnaphthalene...	7.124	2734707	21.975 ug/ml
6) T n-Tetradecane (C14)	8.292	2451032	22.007 ug/ml
7) T n-Hexadecane (C16)	9.894	2430045	21.502 ug/ml
8) T n-Octadecane (C18)	11.337	2411801	20.715 ug/ml
10) T n-Eicosane (C20)	12.648	2304426	19.722 ug/ml
11) T n-Heneicosane (C21)	13.260	2282580	19.394 ug/ml
13) T n-Docosane (C22)	13.847	2198965	18.851 ug/ml
14) T n-Tetracosane (C24)	14.948	2087455	17.924 ug/ml
15) T n-Hexacosane (C26)	15.971	1948175	17.197 ug/ml
16) T n-Octacosane (C28)	16.920	1863554	16.841 ug/ml
17) T n-Tricontane (C30)	17.808	1818327	17.100 ug/ml
18) T n-Dotriacontane (C32)	18.640	1799988	17.960 ug/mlm
19) T n-Tetratriacontane (C34)	19.423	1870059	19.814 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1845727	21.258 ug/mlm
21) T n-Octatriacontane (C38)	20.910	1761956	21.617 ug/mlm
22) T n-Tetracontane (C40)	21.848	1895670	23.603 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090221AL\
Data File : FC055505.D
Signal(s) : FID1A.CH
Acq On : 03 Sep 2021 2:21
Operator : AJ\MA
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

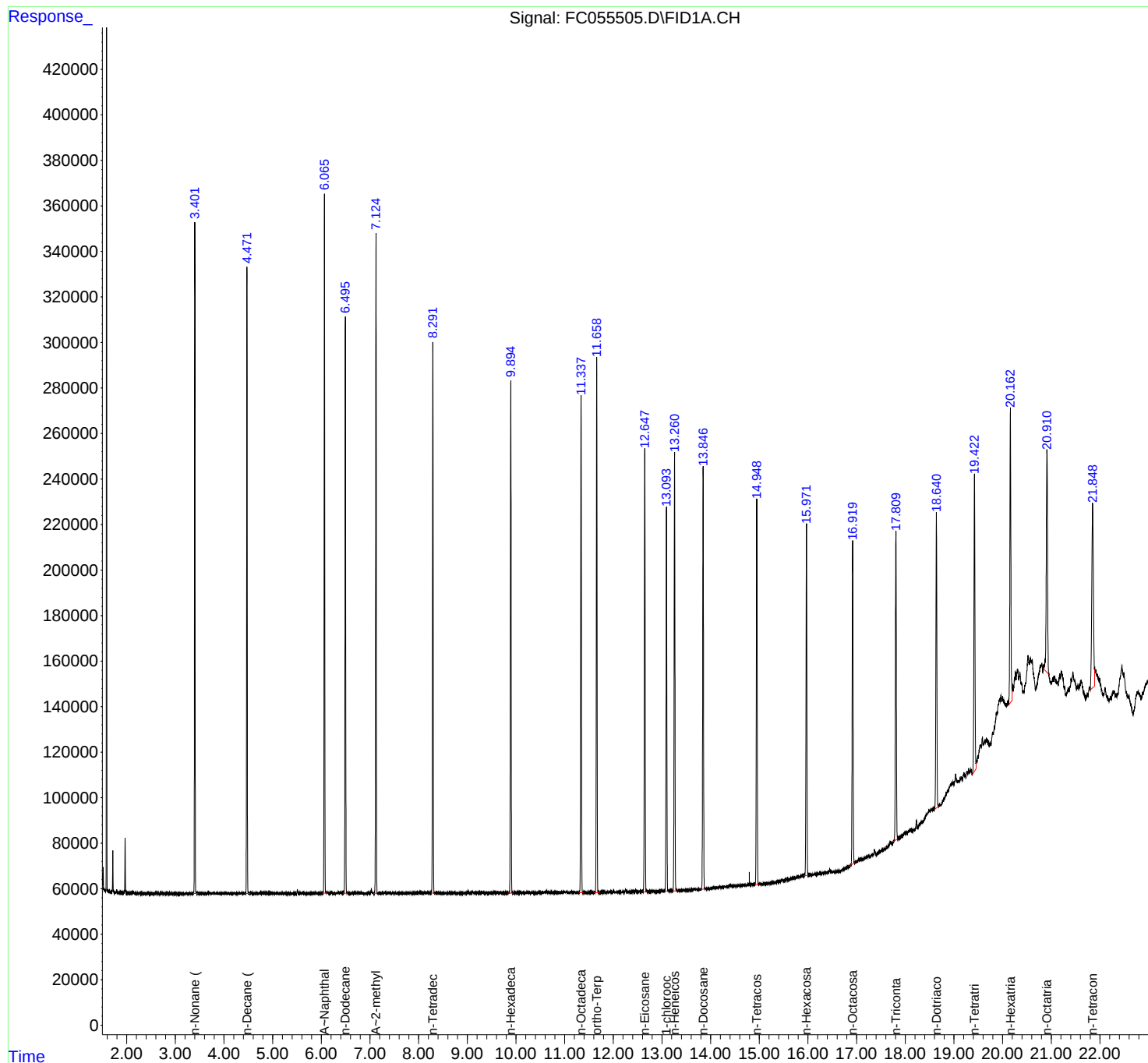
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

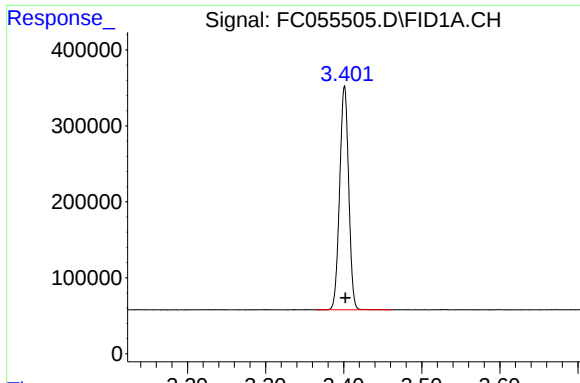
Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM

Integration File: autoint1.e
Quant Time: Sep 03 03:17:19 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:45:39 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





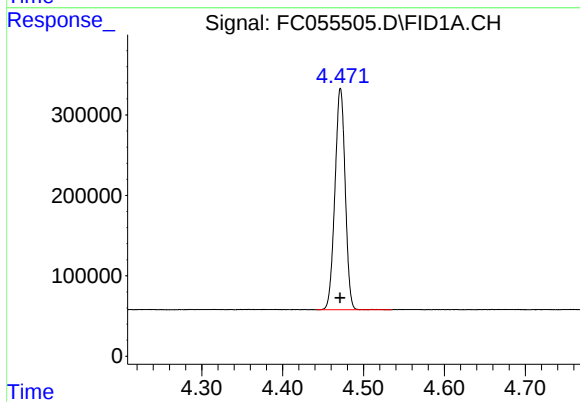
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2366781
Conc: 21.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

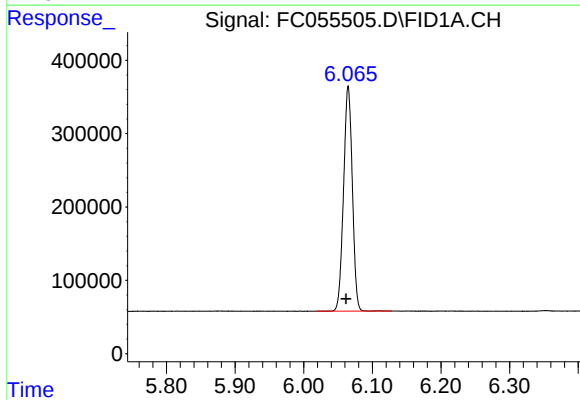
Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM



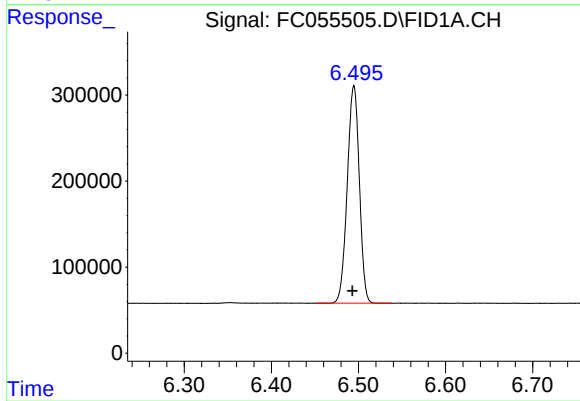
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2425715
Conc: 22.25 ug/ml



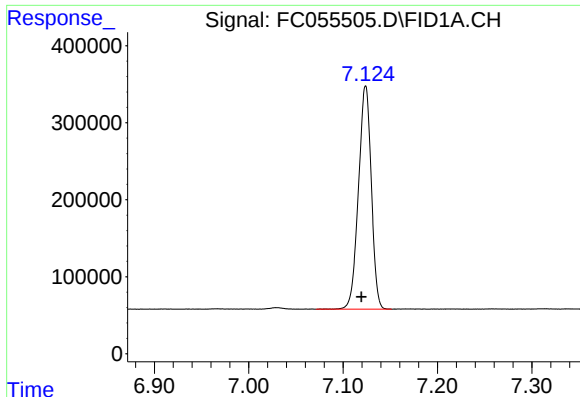
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: 0.003 min
Response: 2726043
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 2437557
Conc: 22.26 ug/ml



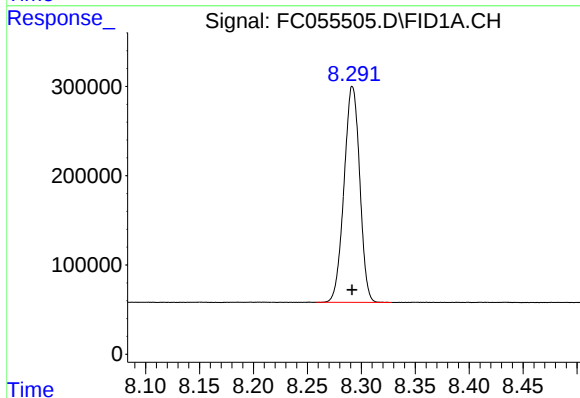
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.005 min
Response: 2734707
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

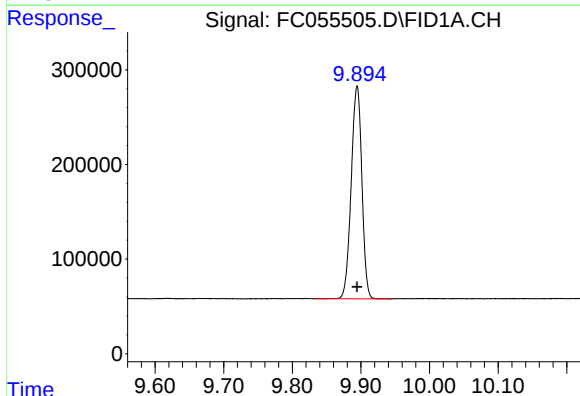
Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM



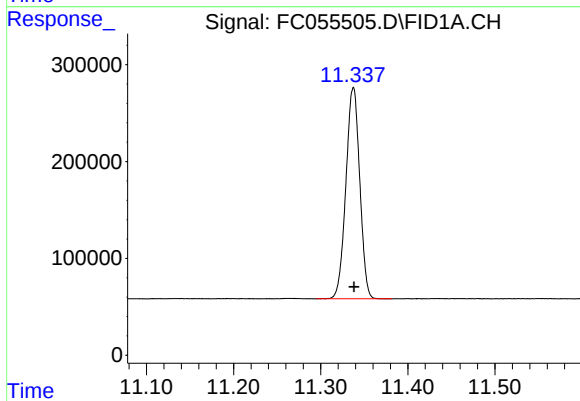
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 2451032
Conc: 22.01 ug/ml



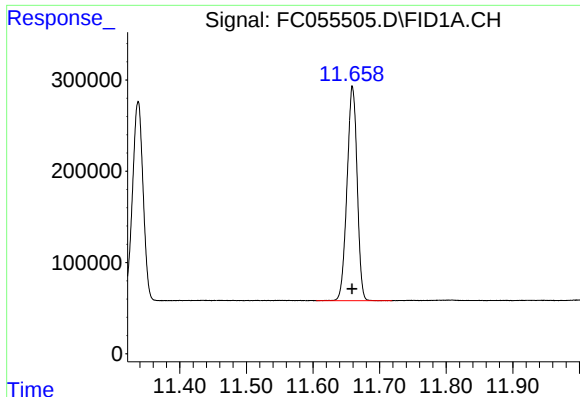
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 2430045
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 2411801
Conc: 20.72 ug/ml



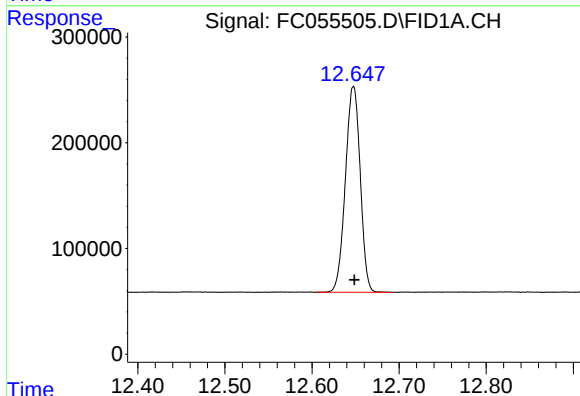
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 2480183
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

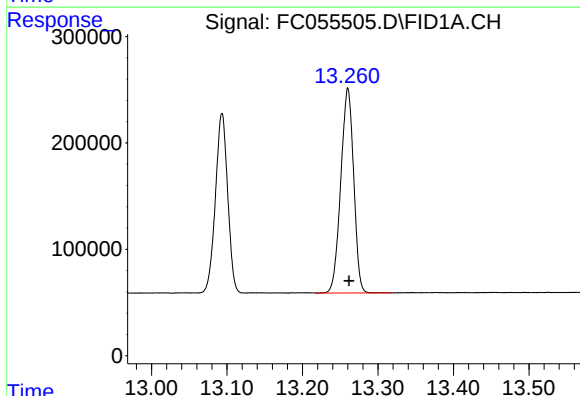
Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM



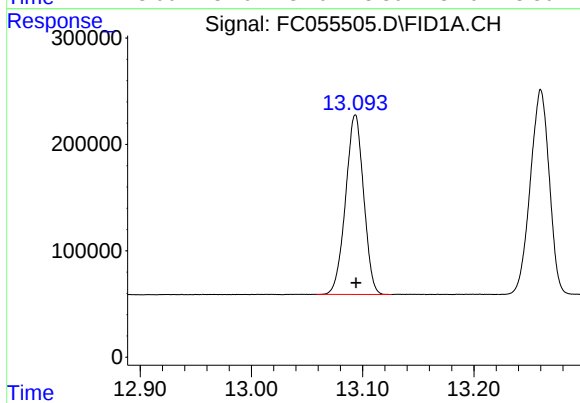
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.001 min
Response: 2304426
Conc: 19.72 ug/ml



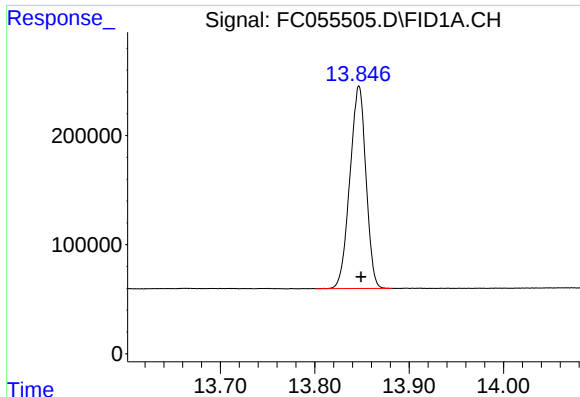
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: -0.002 min
Response: 2282580
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: 0.000 min
Response: 1901644
Conc: 19.21 ug/ml



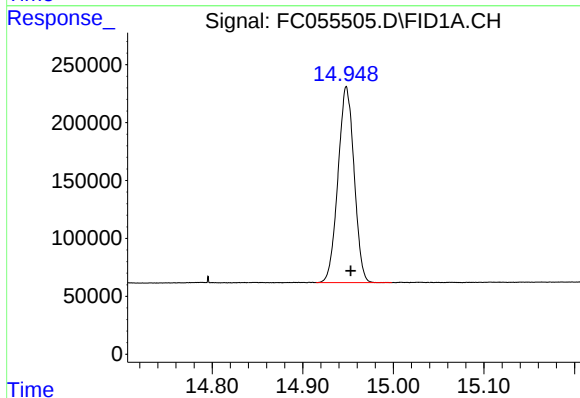
#13 n-Docosane (C22)

R.T.: 13.847 min
Delta R.T.: -0.002 min
Response: 2198965
Conc: 18.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

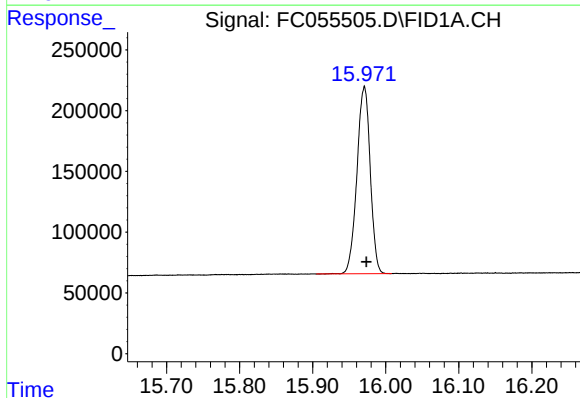
Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM



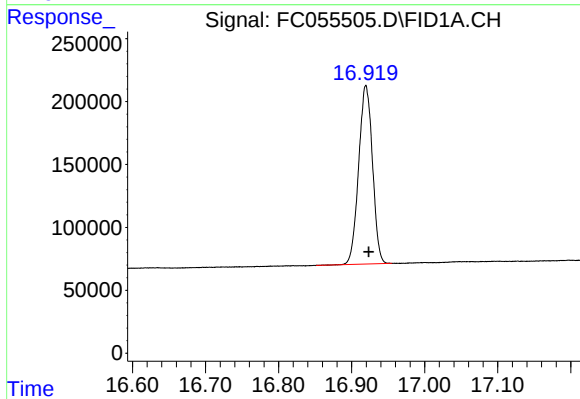
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.005 min
Response: 2087455
Conc: 17.92 ug/ml



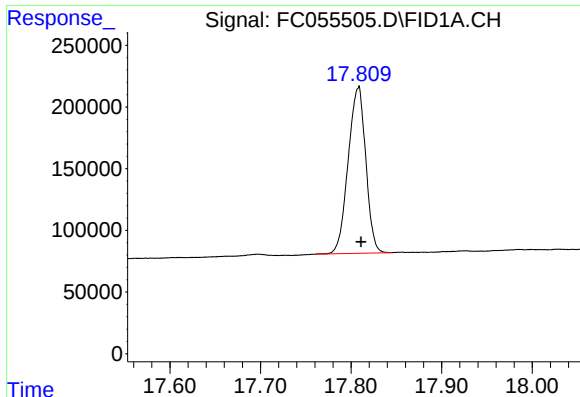
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.003 min
Response: 1948175
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: -0.004 min
Response: 1863554
Conc: 16.84 ug/ml



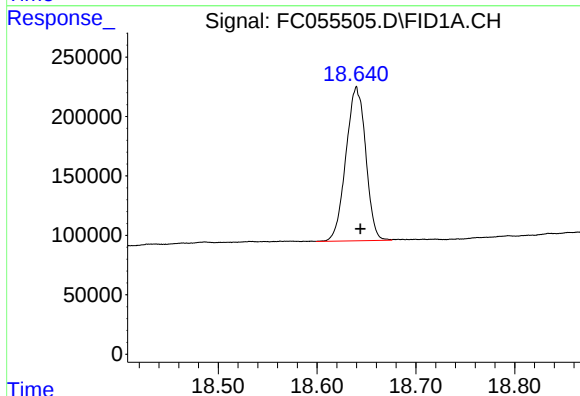
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.003 min
Response: 1818327
Conc: 17.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

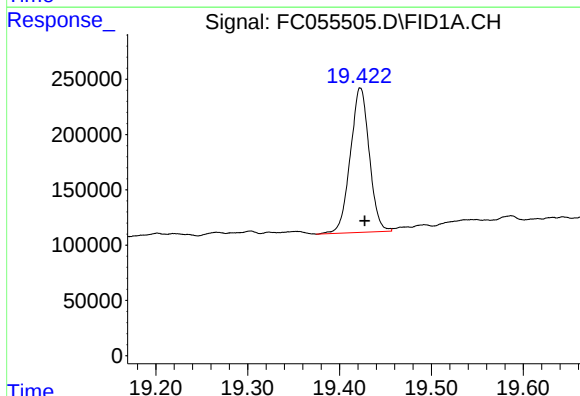
Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM



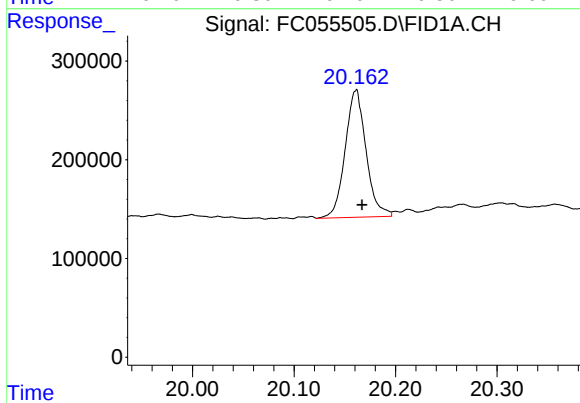
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: -0.004 min
Response: 1799988
Conc: 17.96 ug/ml m



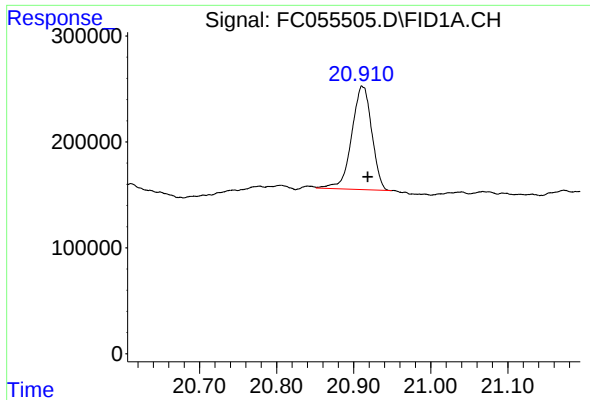
#19 n-Tetratriacontane (C34)

R.T.: 19.423 min
Delta R.T.: -0.005 min
Response: 1870059
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: -0.006 min
Response: 1845727
Conc: 21.26 ug/ml m



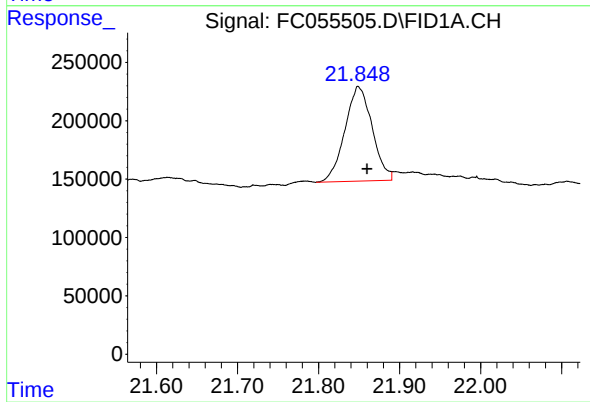
#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.008 min
Response: 1761956
Conc: 21.62 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

mohammad
9/7/2021 8:07:00 AM



#22 n-Tetracontane (C40)

R.T.: 21.848 min
Delta R.T.: -0.012 min
Response: 1895670
Conc: 23.60 ug/ml m