

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056522.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2021 4:59
 Operator : AJ\MA
 Sample : M4388-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-12002MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Oct 30 05:30:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.627	3689958	29.801 ug/mlm
Spiked Amount 50.000		Recovery =	59.60%
12) S 1-chlorooctadecane (S...	13.057	4634163	48.160 ug/mlm
Spiked Amount 50.000		Recovery =	96.32%
Target Compounds			
1) T n-Nonane (C9)	3.381	2302833	21.276 ug/ml
2) T n-Decane (C10)	4.448	2603483	24.169 ug/ml
3) T A~Naphthalene (C11.7)	6.038	2882469	23.642 ug/ml
4) T n-Dodecane (C12)	6.465	2886105	26.180 ug/ml
5) T A~2-methylnaphthalene...	7.095	3037793	24.806 ug/ml
6) T n-Tetradecane (C14)	8.262	3343202	29.779 ug/ml
7) T n-Hexadecane (C16)	9.862	3543316	31.167 ug/mlm
8) T n-Octadecane (C18)	11.305	3580924	30.643 ug/mlm
10) T n-Eicosane (C20)	12.614	3672445	31.954 ug/mlm
11) T n-Heneicosane (C21)	13.222	3599037	31.317 ug/mlm
13) T n-Docosane (C22)	13.807	3620390	32.157 ug/ml
14) T n-Tetracosane (C24)	14.910	9677259	87.813 ug/ml
15) T n-Hexacosane (C26)	15.926	4287211	40.620 ug/ml
16) T n-Octacosane (C28)	16.871	4003189	38.593 ug/ml
17) T n-Tricontane (C30)	17.756	3332992	32.169 ug/ml
18) T n-Dotriacontane (C32)	18.581	3370139	35.176 ug/mlm
19) T n-Tetratriacontane (C34)	19.365	2929107	33.396 ug/ml
20) T n-Hexatriacontane (C36)	20.097	2714120	33.159 ug/mlm
21) T n-Octatriacontane (C38)	20.835	2733125	34.174 ug/ml
22) T n-Tetracontane (C40)	21.754	2806838	34.068 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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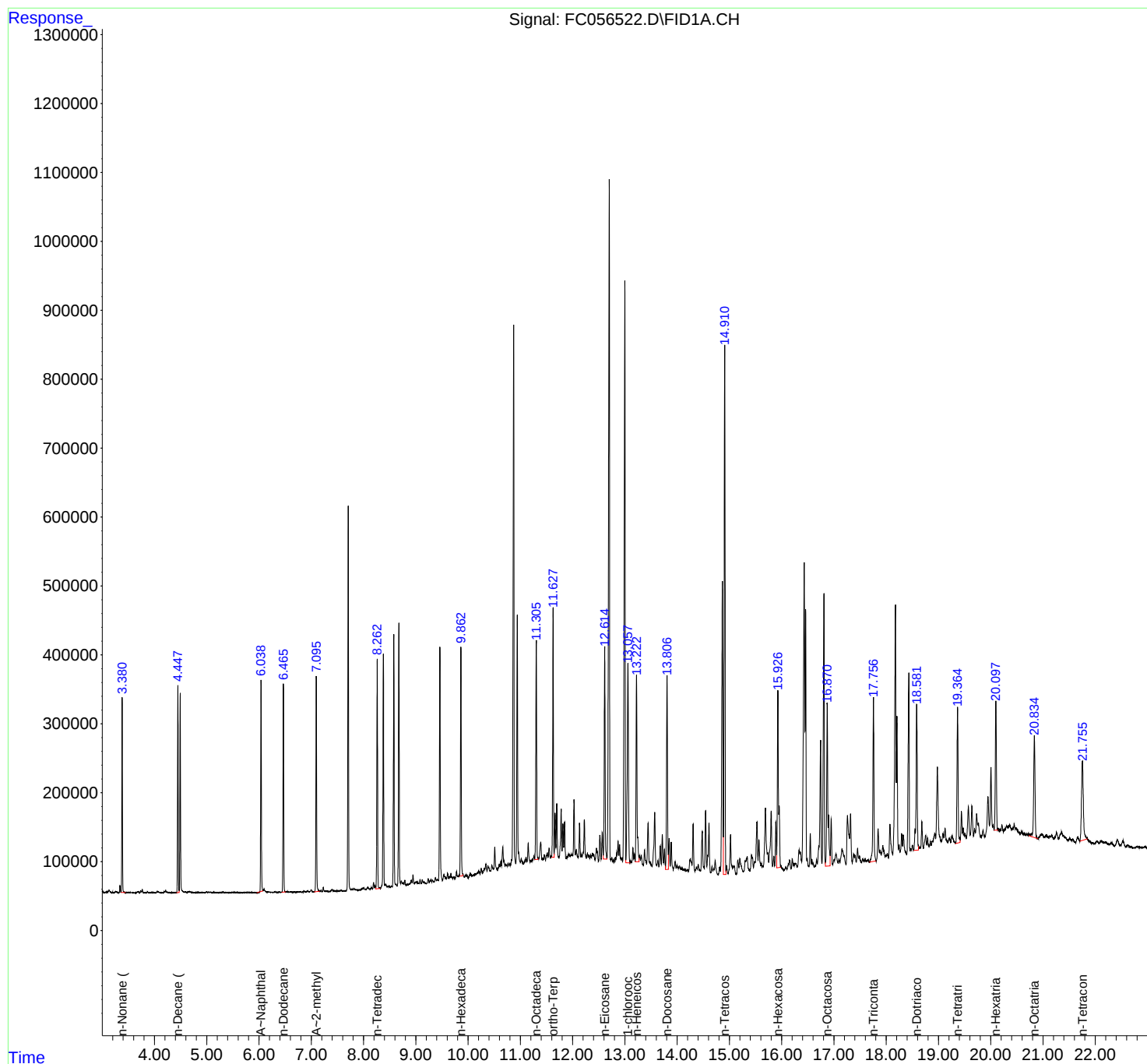
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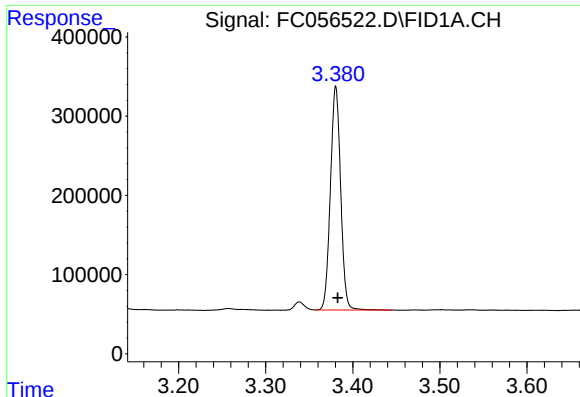
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#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2302833
Conc: 21.28 ug/ml

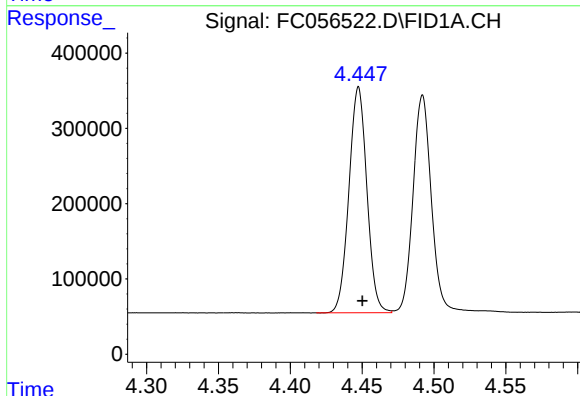
Instrument :

FID_C

ClientSampleId :
72-12002MSD

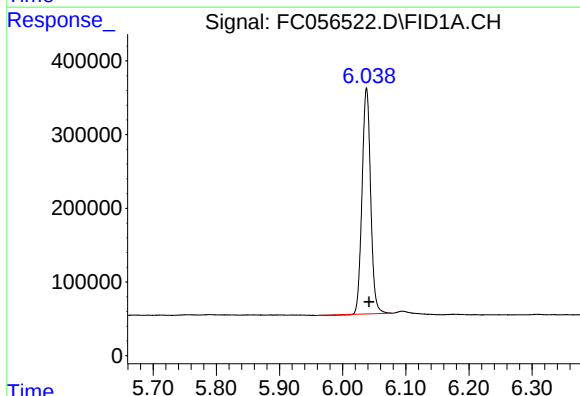
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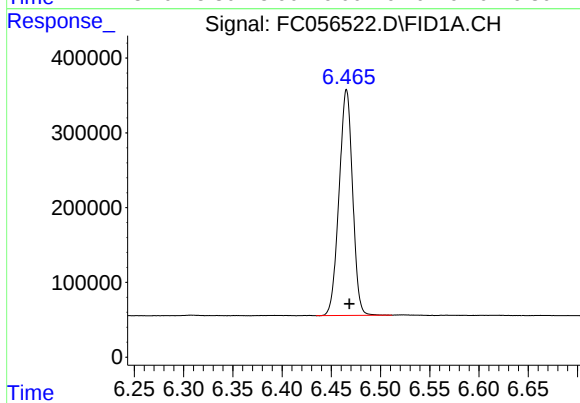
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.003 min
Response: 2603483
Conc: 24.17 ug/ml



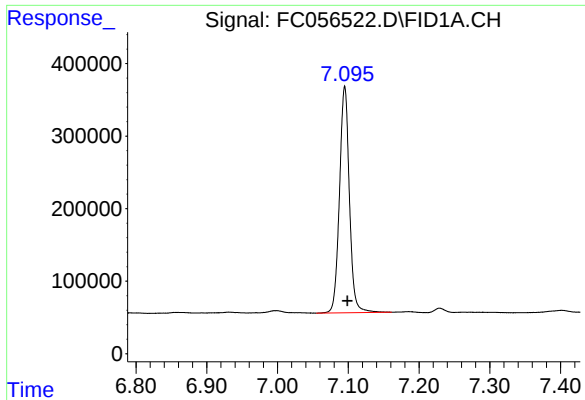
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 2882469
Conc: 23.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 2886105
Conc: 26.18 ug/ml



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

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 3037793
Conc: 24.81 ug/ml

Instrument :

FID_C

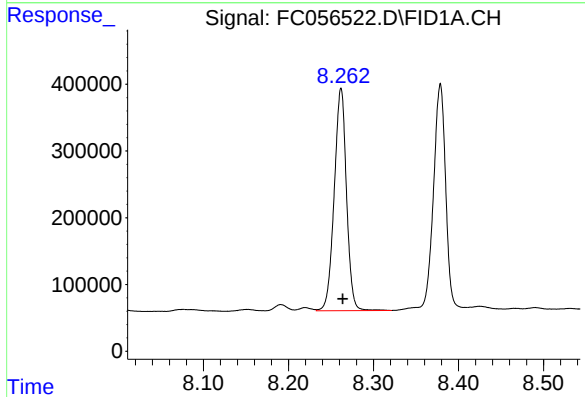
ClientSampleId :

72-12002MSD

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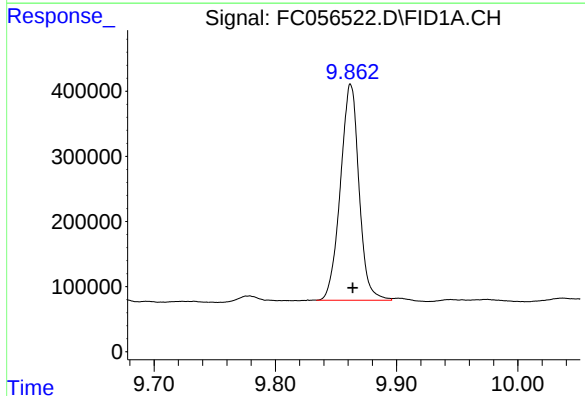
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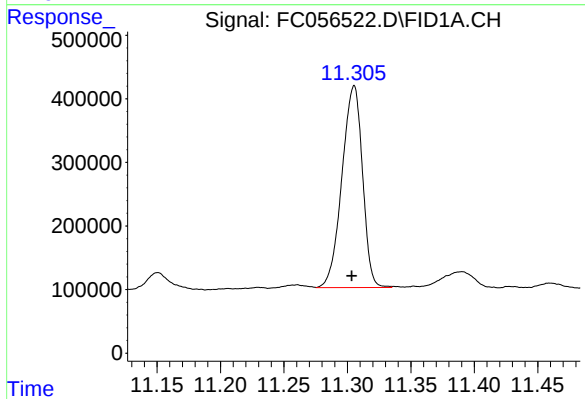
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 3343202
Conc: 29.78 ug/ml



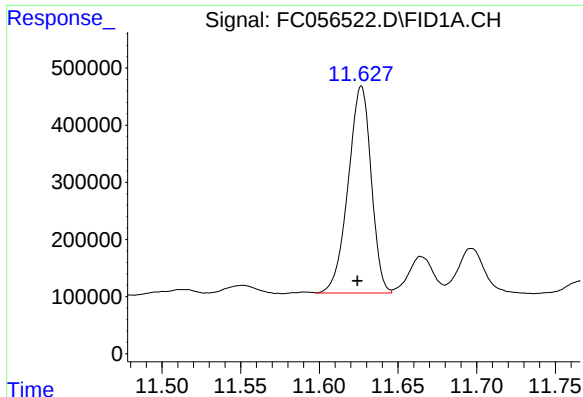
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 3543316
Conc: 31.17 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: 0.002 min
Response: 3580924
Conc: 30.64 ug/ml m



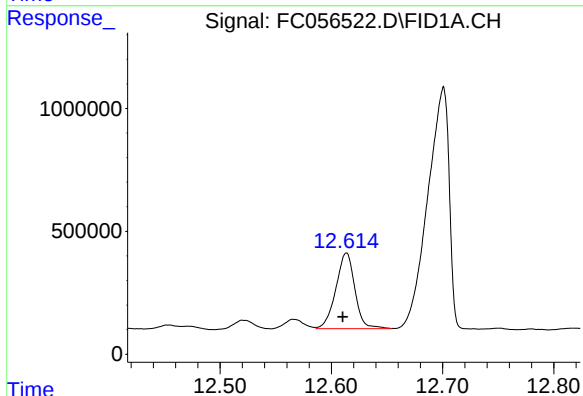
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.002 min
Response: 3689958
Conc: 29.80 ug/ml

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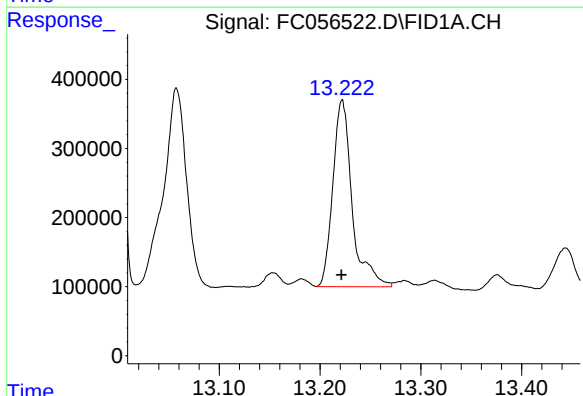
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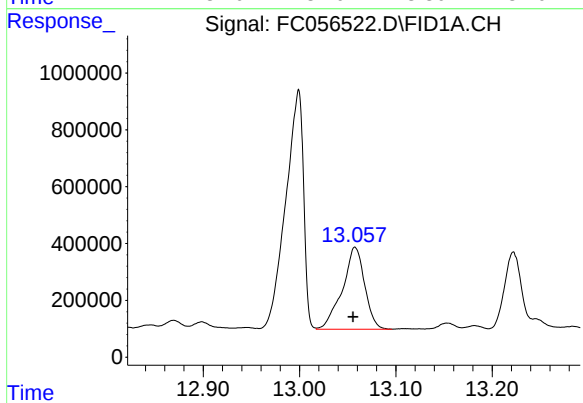
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: 0.003 min
Response: 3672445
Conc: 31.95 ug/ml m



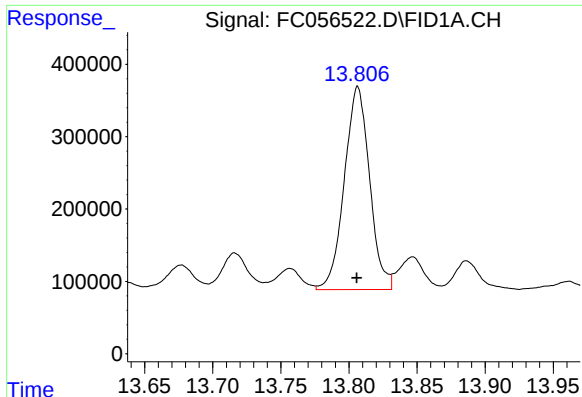
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: 0.000 min
Response: 3599037
Conc: 31.32 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: 0.002 min
Response: 4634163
Conc: 48.16 ug/ml m



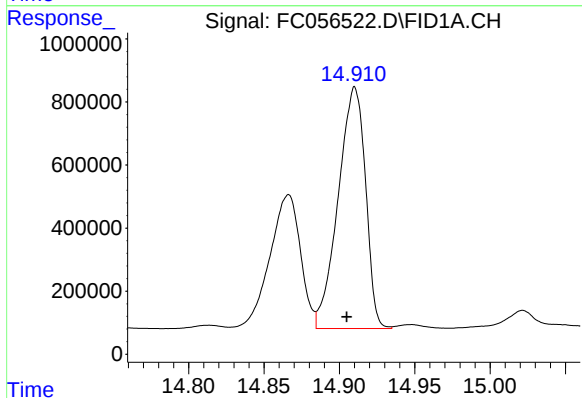
#13 n-Docosane (C22)

R.T.: 13.807 min
Delta R.T.: 0.000 min
Response: 3620390
Conc: 32.16 ug/ml

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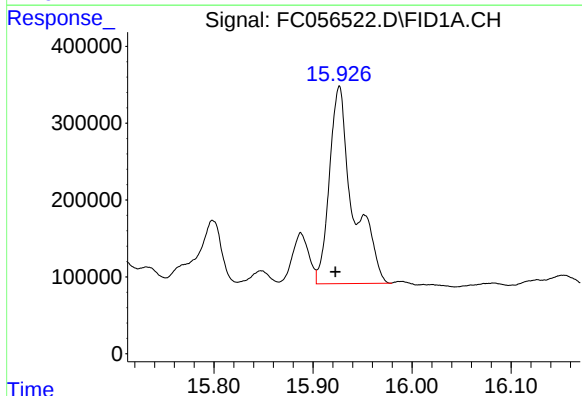
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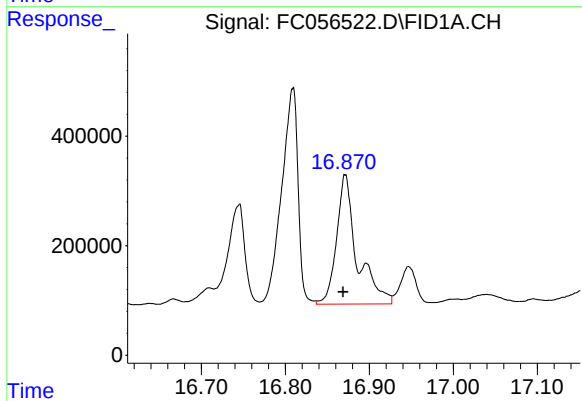
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: 0.005 min
Response: 9677259
Conc: 87.81 ug/ml



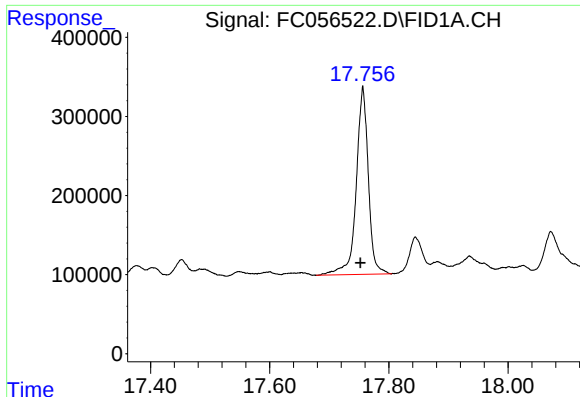
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: 0.004 min
Response: 4287211
Conc: 40.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: 0.003 min
Response: 4003189
Conc: 38.59 ug/ml



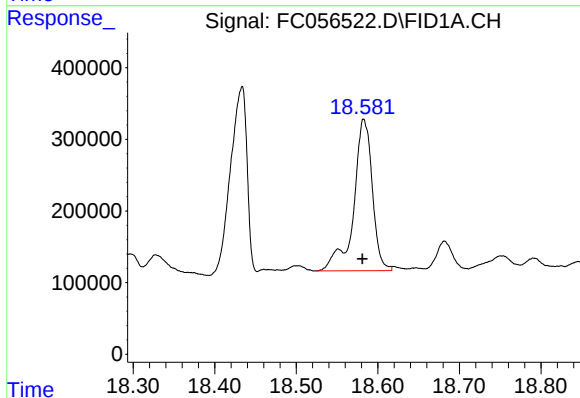
#17 n-Tricontane (C30)

R.T.: 17.756 min
Delta R.T.: 0.004 min
Response: 3332992
Conc: 32.17 ug/ml

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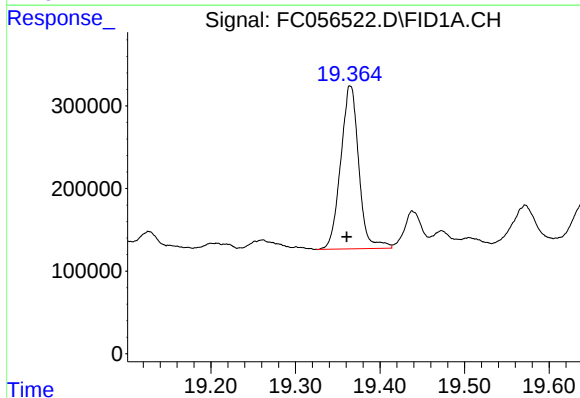
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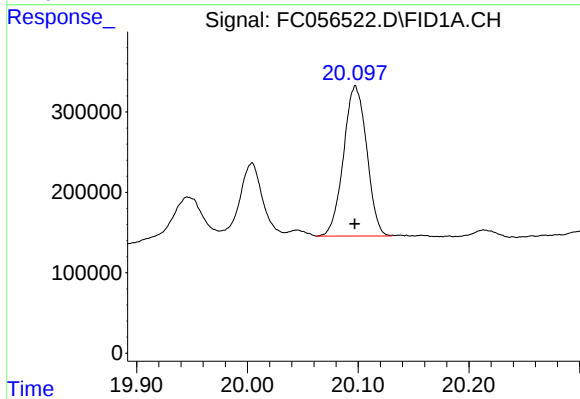
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: 0.000 min
Response: 3370139
Conc: 35.18 ug/ml m



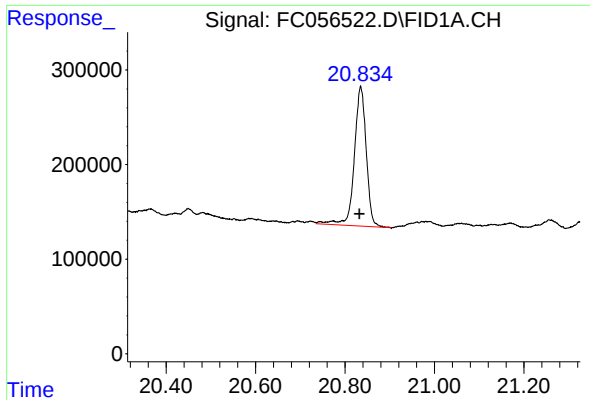
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: 0.004 min
Response: 2929107
Conc: 33.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 2714120
Conc: 33.16 ug/ml m



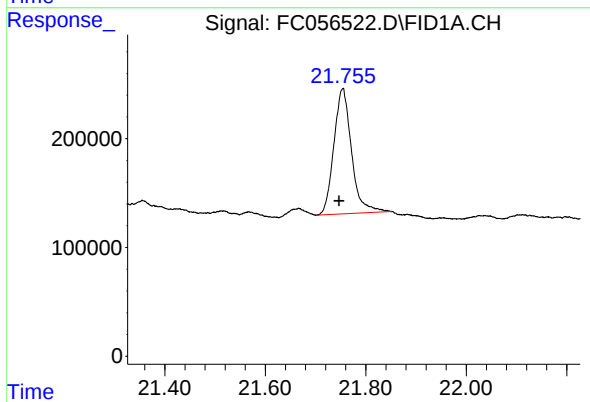
#21 n-Octatriacontane (C38)

R.T.: 20.835 min
Delta R.T.: 0.003 min
Response: 2733125
Conc: 34.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.007 min
Response: 2806838
Conc: 34.07 ug/ml