

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072420AL\
 Data File : FC048672.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jul 2020 00:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 25 02:25:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.678	2793122	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
12) S 1-chlorooctadecane (S...	13.110	2271120	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.414	2619026	21.971 ug/ml
2) T n-Decane (C10)	4.488	2678431	22.252 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2981282	22.154 ug/ml
4) T n-Dodecane (C12)	6.513	2720313	22.235 ug/ml
5) T A~2-methylnaphthalene...	7.143	3035576	22.024 ug/ml
6) T n-Tetradecane (C14)	8.311	2709589	21.996 ug/ml
7) T n-Hexadecane (C16)	9.913	2659670	21.727 ug/ml
8) T n-Octadecane (C18)	11.355	2720771	21.259 ug/ml
10) T n-Eicosane (C20)	12.665	2679874	20.720 ug/ml
11) T n-Heneicosane (C21)	13.277	2641813	20.380 ug/ml
13) T n-Docosane (C22)	13.863	2612769	20.124 ug/ml
14) T n-Tetracosane (C24)	14.965	2552360	19.471 ug/ml
15) T n-Hexacosane (C26)	15.984	2441833	18.779 ug/ml
16) T n-Octacosane (C28)	16.934	2390641	18.296 ug/ml
17) T n-Tricontane (C30)	17.819	2320961	18.054 ug/ml
18) T n-Dotriacontane (C32)	18.650	2125920	17.995 ug/ml
19) T n-Tetratriacontane (C34)	19.431	1969068	17.641 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1862848	17.712 ug/ml
21) T n-Octatriacontane (C38)	20.922	1782778	18.160 ug/ml
22) T n-Tetracontane (C40)	21.873	1835496	18.888 ug/ml

(f)=RT Delta > 1/2 Window

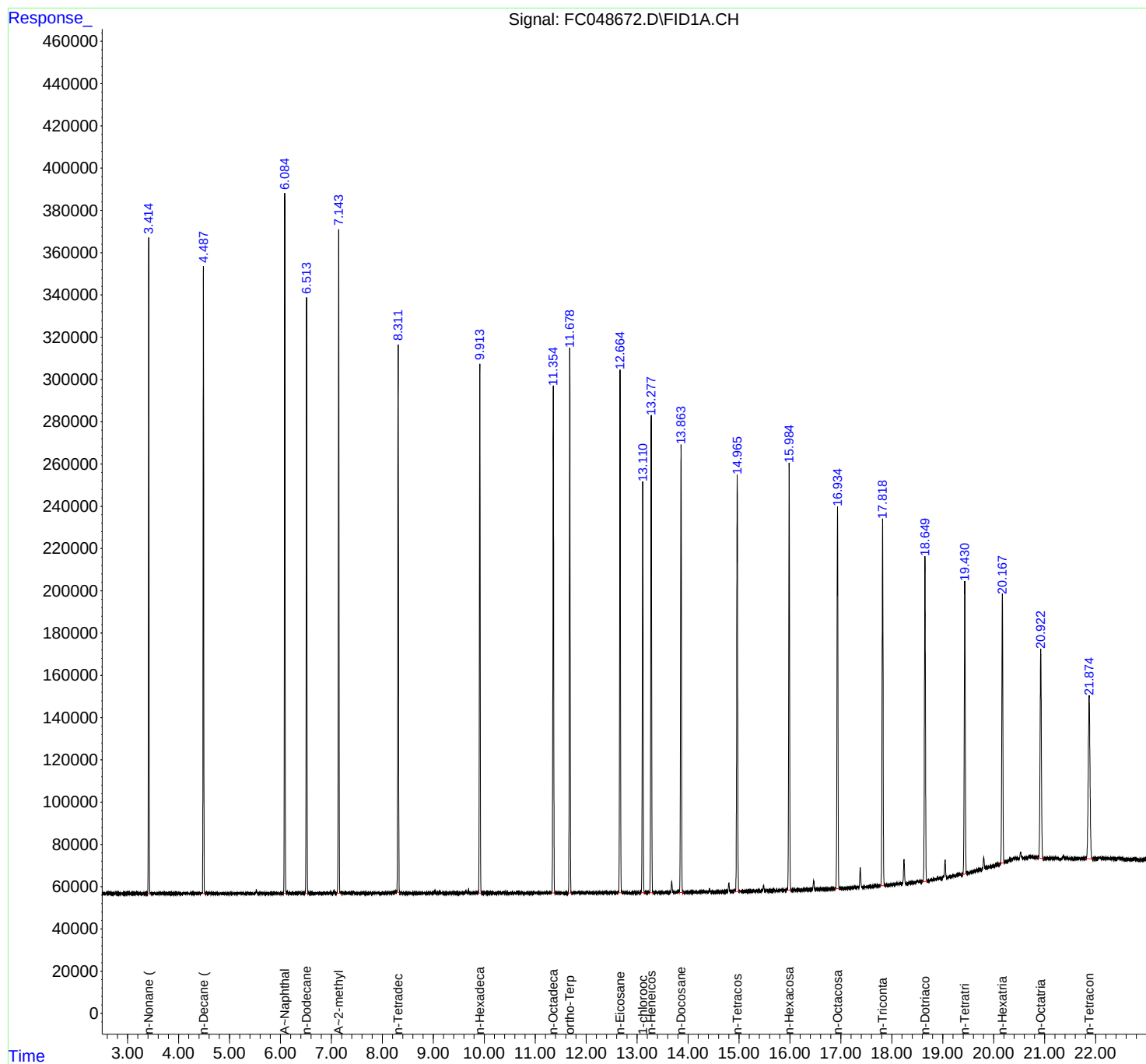
(m)=manual int.

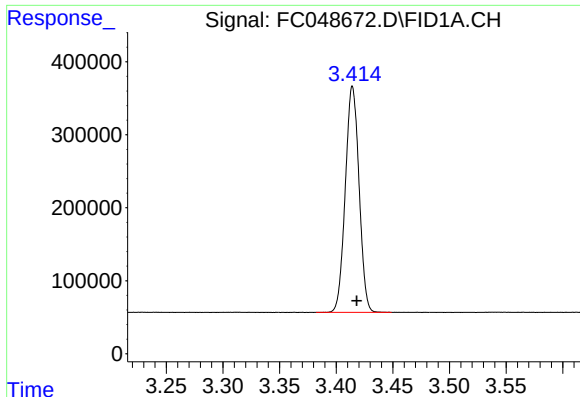
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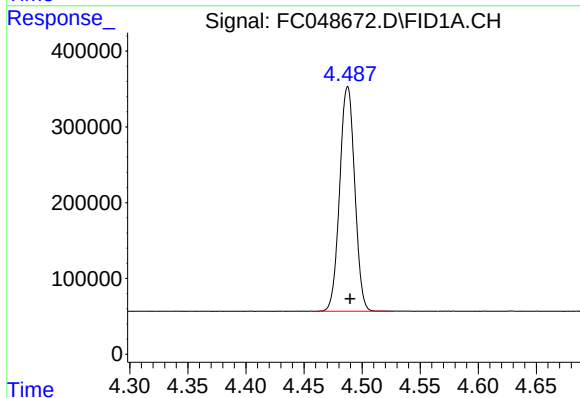




#1 n-Nonane (C9)

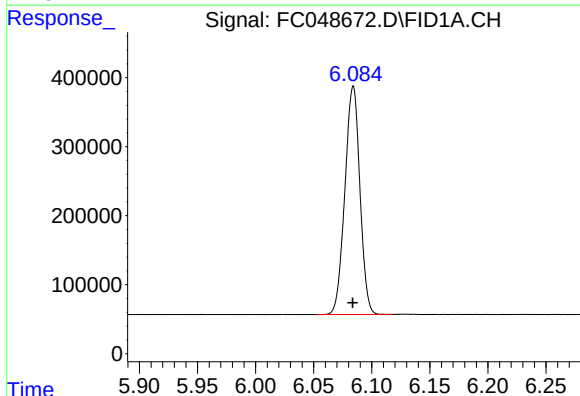
R.T.: 3.414 min
Delta R.T.: -0.004 min
Response: 2619026
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



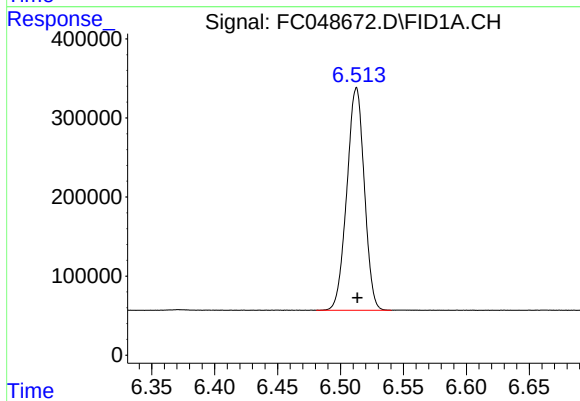
#2 n-Decane (C10)

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2678431
Conc: 22.25 ug/ml



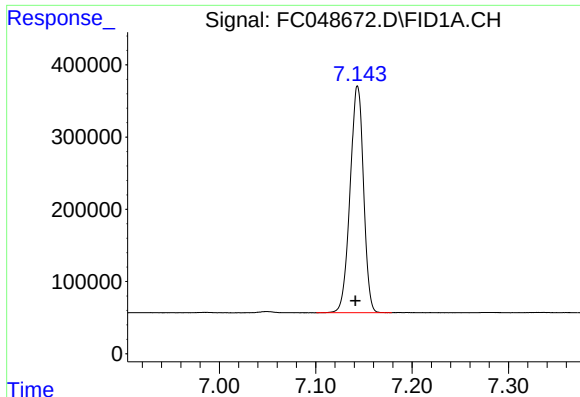
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 2981282
Conc: 22.15 ug/ml



#4 n-Dodecane (C12)

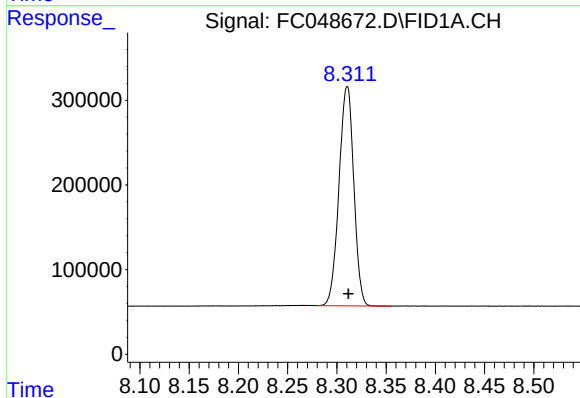
R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2720313
Conc: 22.24 ug/ml



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

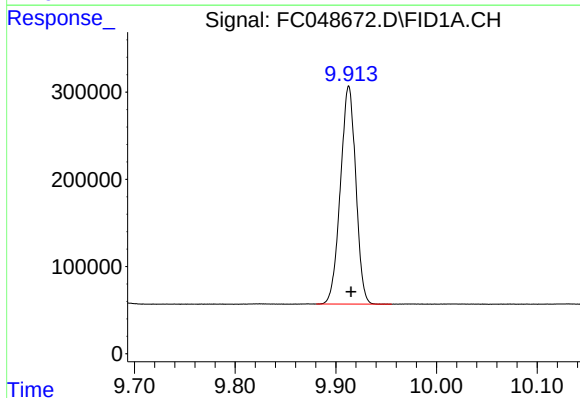
R.T.: 7.143 min
Delta R.T.: 0.002 min
Response: 3035576
Conc: 22.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



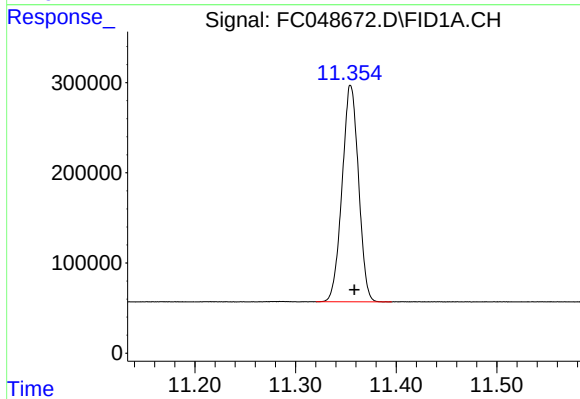
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 2709589
Conc: 22.00 ug/ml



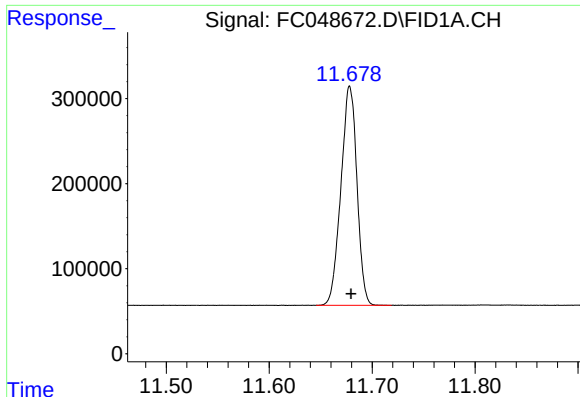
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2659670
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

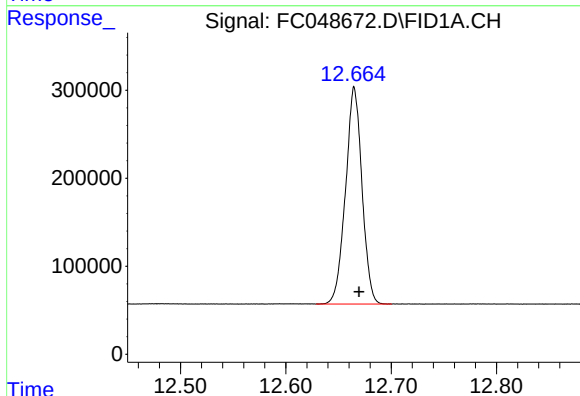
R.T.: 11.355 min
Delta R.T.: -0.004 min
Response: 2720771
Conc: 21.26 ug/ml



#9 ortho-Terphenyl (SURR)

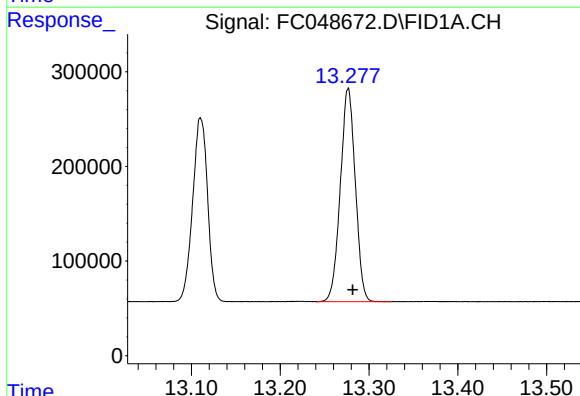
R.T.: 11.678 min
Delta R.T.: -0.001 min
Response: 2793122
Conc: 20.35 ug/ml

Instrument :
FID_C
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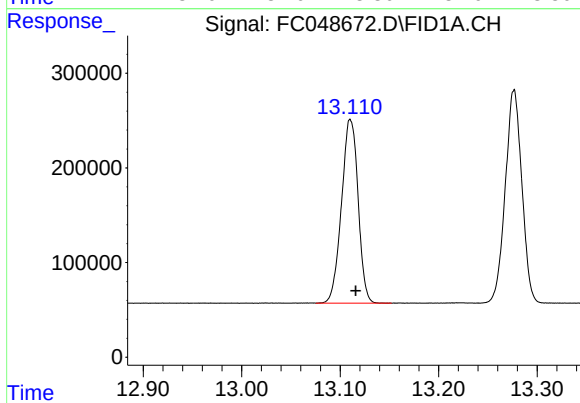
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2679874
Conc: 20.72 ug/ml



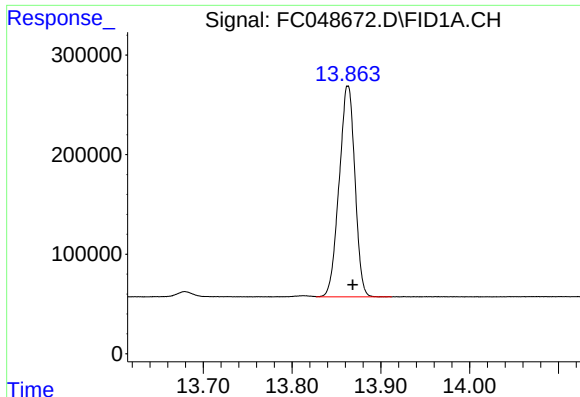
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.005 min
Response: 2641813
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

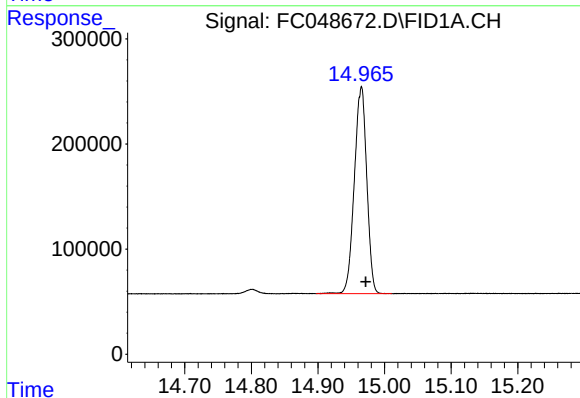
R.T.: 13.110 min
Delta R.T.: -0.005 min
Response: 2271120
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

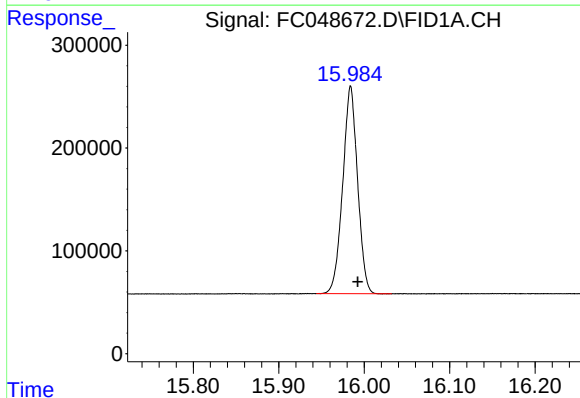
R.T.: 13.863 min
Delta R.T.: -0.005 min
Response: 2612769
Conc: 20.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



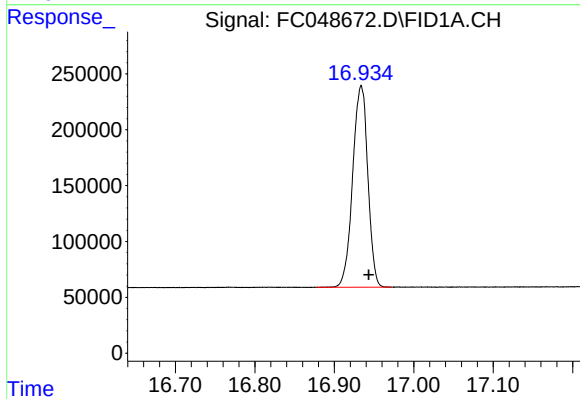
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.007 min
Response: 2552360
Conc: 19.47 ug/ml



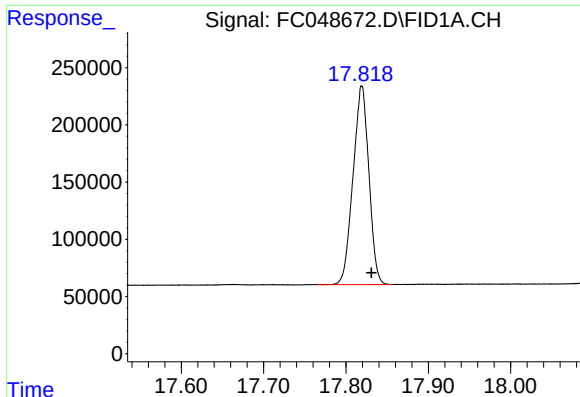
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.008 min
Response: 2441833
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

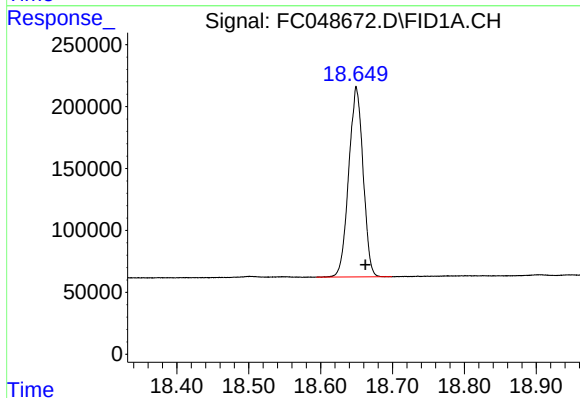
R.T.: 16.934 min
Delta R.T.: -0.009 min
Response: 2390641
Conc: 18.30 ug/ml



#17 n-Tricontane (C30)

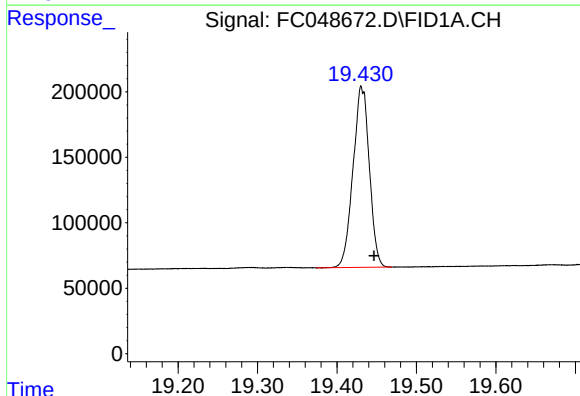
R.T.: 17.819 min
Delta R.T.: -0.012 min
Response: 2320961
Conc: 18.05 ug/ml

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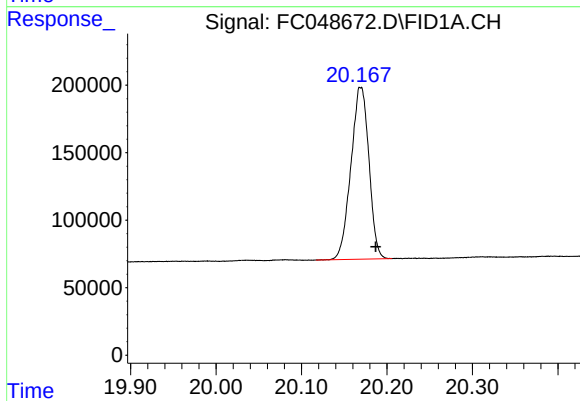
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.013 min
Response: 2125920
Conc: 17.99 ug/ml



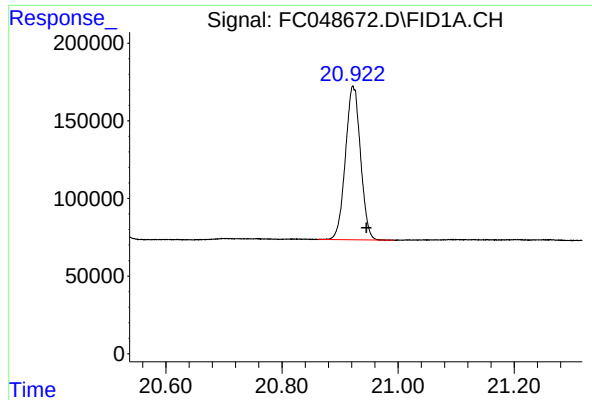
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.016 min
Response: 1969068
Conc: 17.64 ug/ml



#20 n-Hexatriacontane (C36)

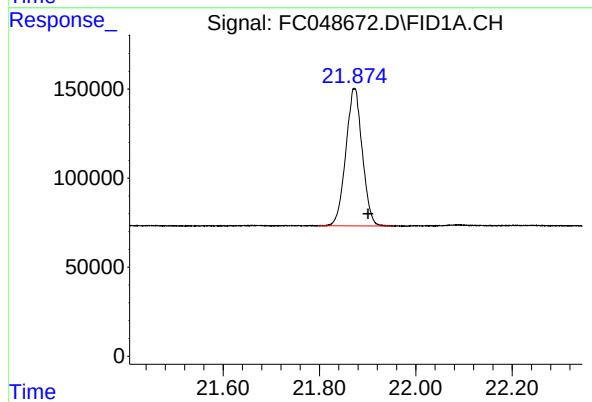
R.T.: 20.169 min
Delta R.T.: -0.017 min
Response: 1862848
Conc: 17.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.023 min
Response: 1782778
Conc: 18.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.028 min
Response: 1835496
Conc: 18.89 ug/ml