

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073020AL\
 Data File : FC048759.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jul 2020 15:23
 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

Manual Integrations
 APPROVED

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 7/31/2020 1:11:39 PM

Integration File: autoint1.e
 Quant Time: Jul 31 00:32:03 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)	11.682	2541455	18.517 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
12) S 1-chlorooctadecane (S...	13.114	2040504	18.108 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.412	2463271	20.664 ug/ml
2) T n-Decane (C10)	4.487	2504176	20.804 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2770979	20.591 ug/ml
4) T n-Dodecane (C12)	6.513	2545514	20.806 ug/ml
5) T A~2-methylnaphthalene...	7.145	2813557	20.413 ug/ml
6) T n-Tetradecane (C14)	8.312	2524943	20.497 ug/ml
7) T n-Hexadecane (C16)	9.915	2449611	20.011 ug/ml
8) T n-Octadecane (C18)	11.358	2482092	19.394 ug/ml
10) T n-Eicosane (C20)	12.668	2420014	18.711 ug/ml
11) T n-Heneicosane (C21)	13.279	2369389	18.279 ug/ml
13) T n-Docosane (C22)	13.867	2328148	17.931 ug/ml
14) T n-Tetracosane (C24)	14.969	2248339	17.152 ug/ml
15) T n-Hexacosane (C26)	15.990	2175531	16.731 ug/ml
16) T n-Octacosane (C28)	16.939	2150940	16.461 ug/ml
17) T n-Tricontane (C30)	17.825	2115218	16.453 ug/ml
18) T n-Dotriacontane (C32)	18.656	1964378	16.628 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1850974	16.583 ug/ml
20) T n-Hexatriacontane (C36)	20.173	1770968	16.838 ug/mlm
21) T n-Octatriacontane (C38)	20.932	1698744	17.304 ug/ml
22) T n-Tetracontane (C40)	21.886	1750202	18.010 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073020AL\
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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

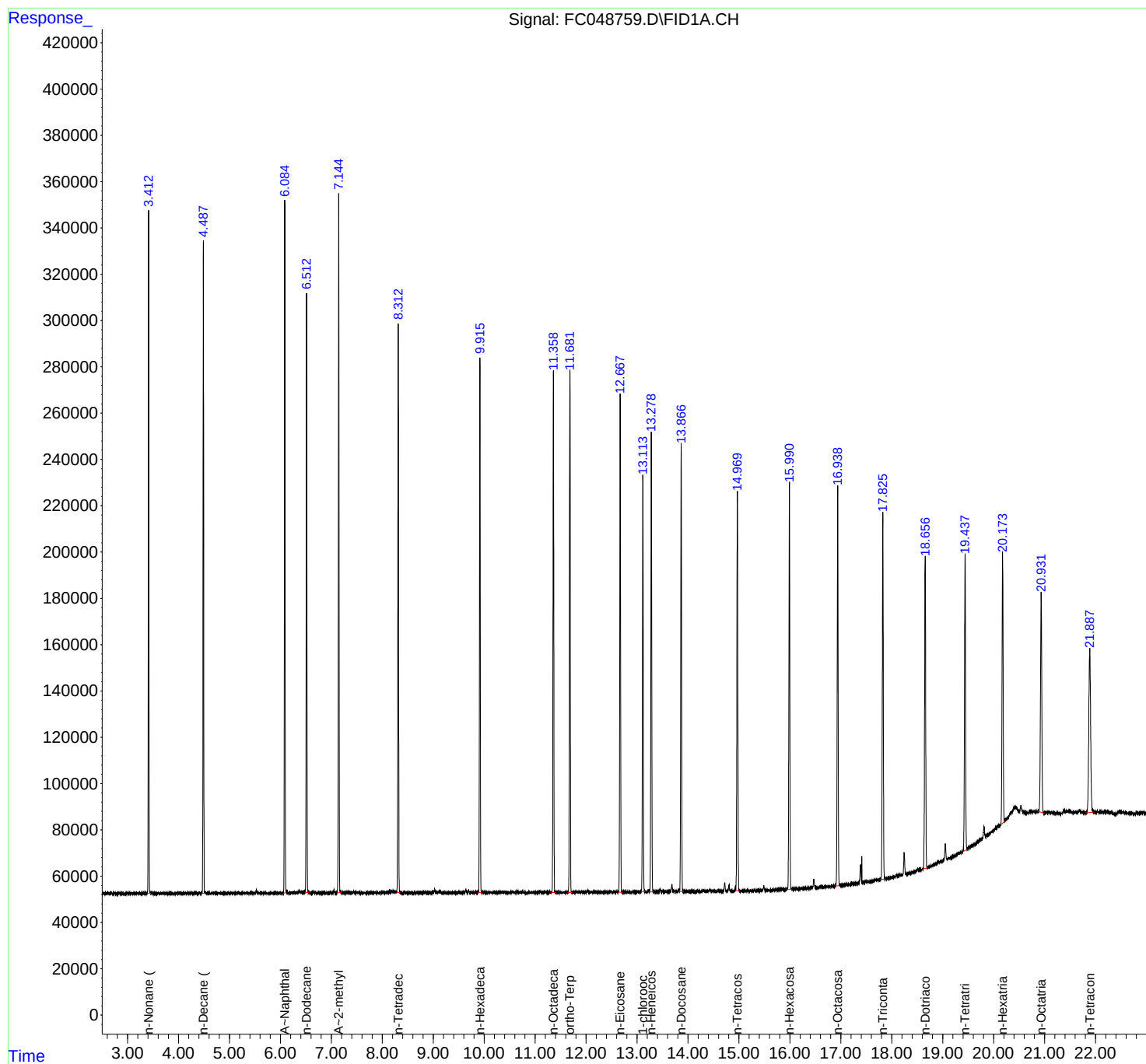
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

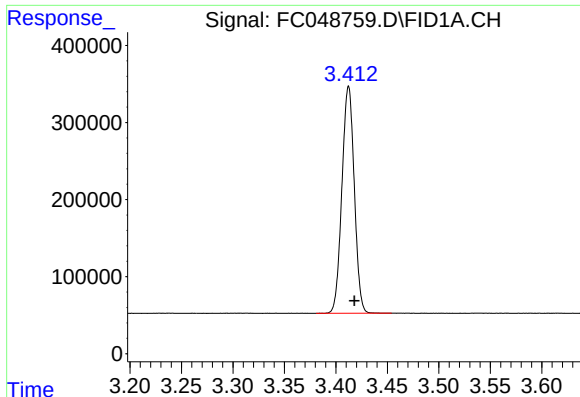
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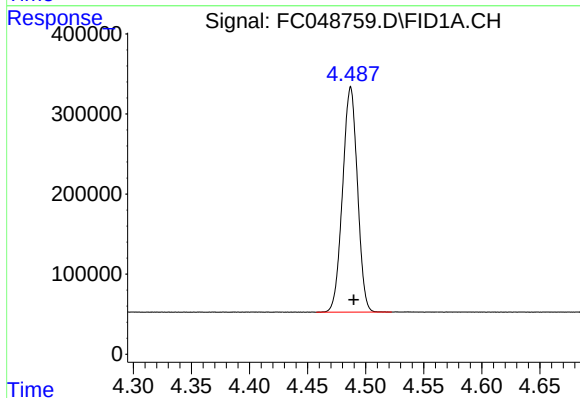
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2463271
Conc: 20.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

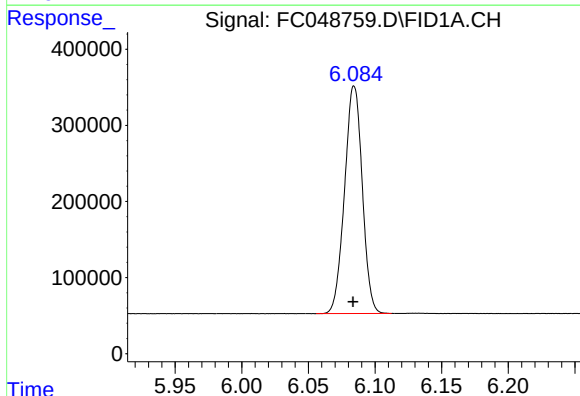
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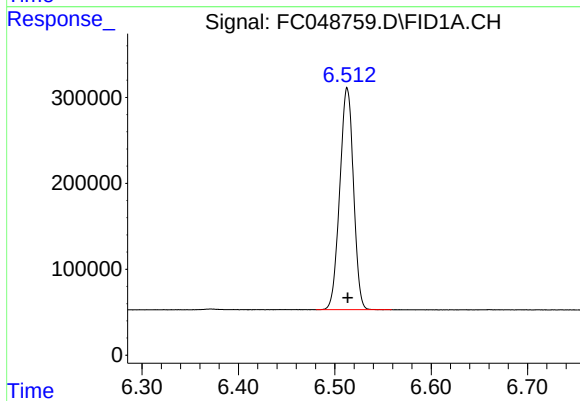
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2504176
Conc: 20.80 ug/ml



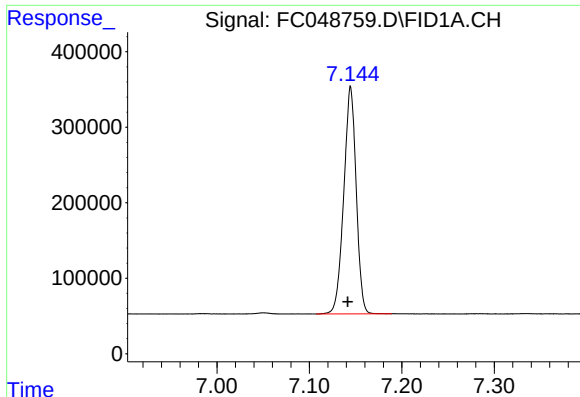
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 2770979
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 2545514
Conc: 20.81 ug/ml



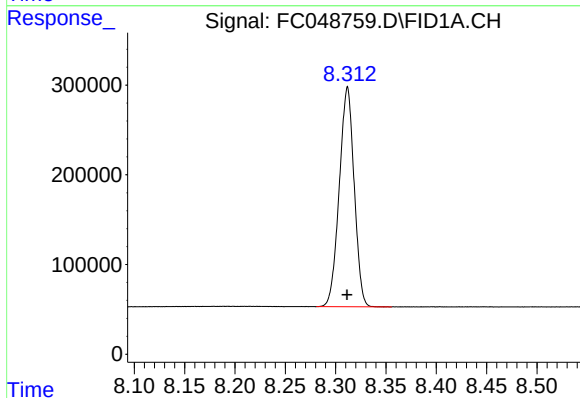
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.003 min
Response: 2813557
Conc: 20.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

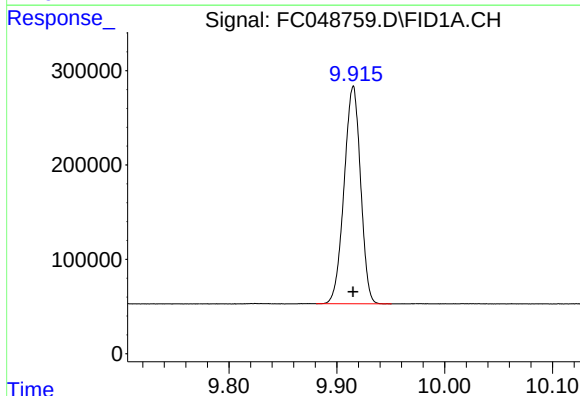
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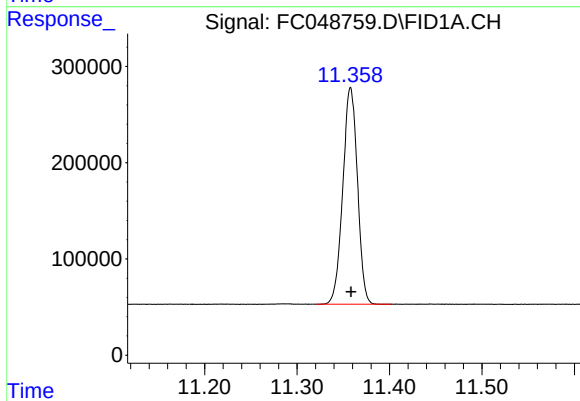
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 2524943
Conc: 20.50 ug/ml



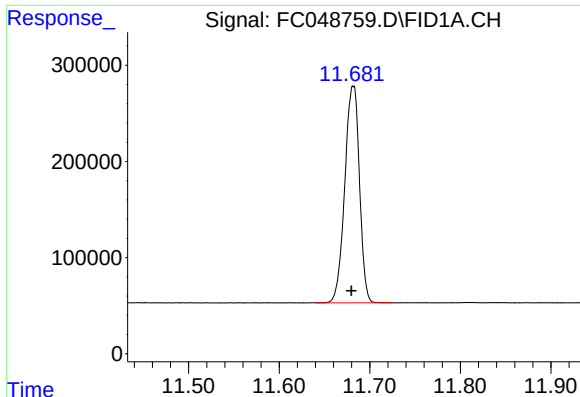
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2449611
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2482092
Conc: 19.39 ug/ml



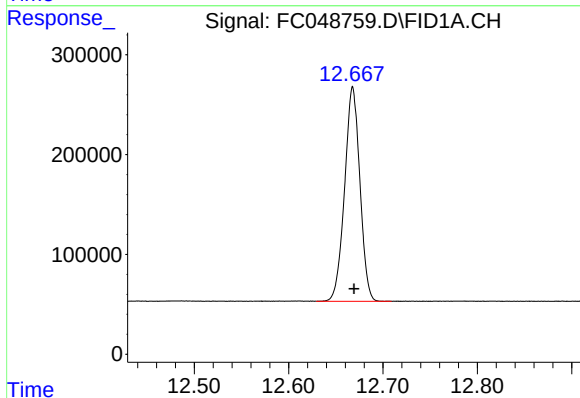
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.002 min
Response: 2541455
Conc: 18.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

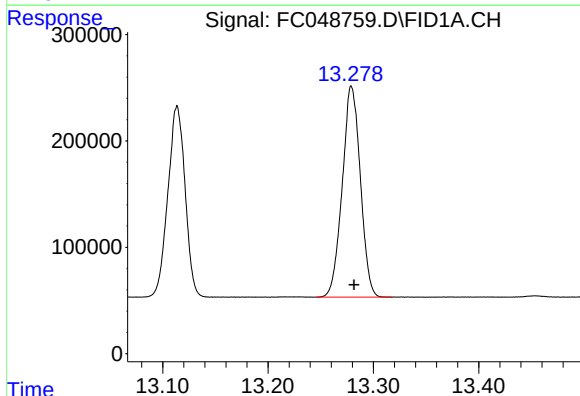
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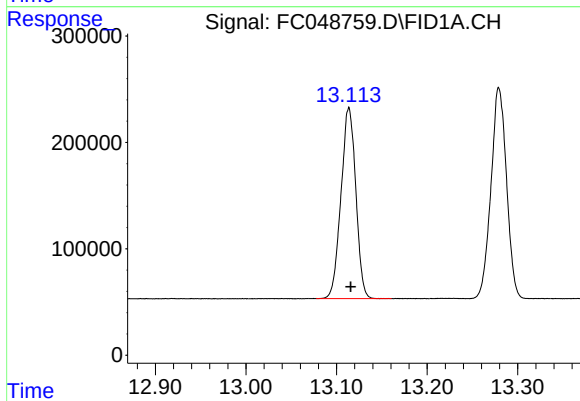
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2420014
Conc: 18.71 ug/ml



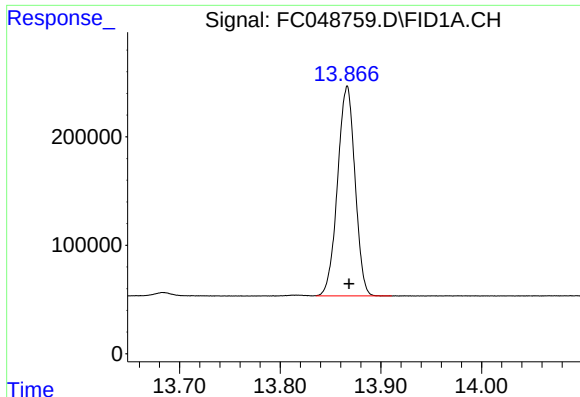
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 2369389
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.002 min
Response: 2040504
Conc: 18.11 ug/ml



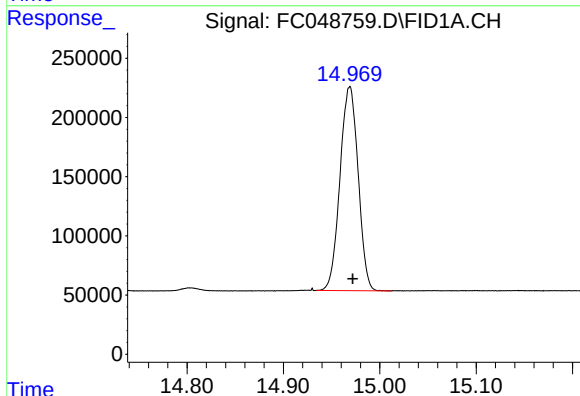
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: -0.002 min
Response: 2328148
Conc: 17.93 ug/ml

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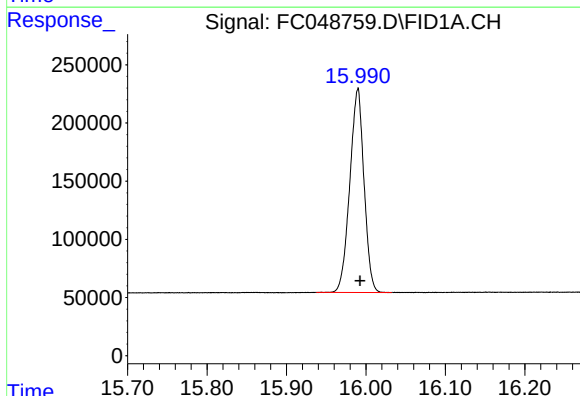
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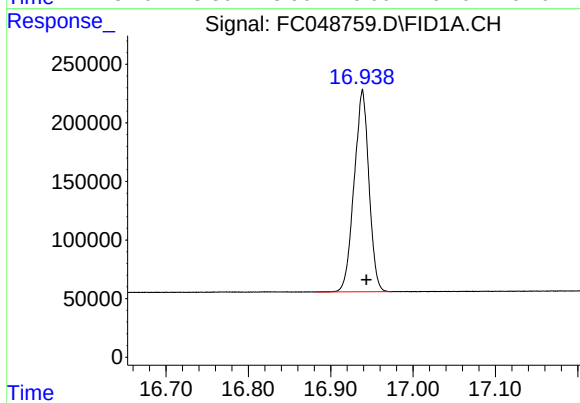
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.003 min
Response: 2248339
Conc: 17.15 ug/ml



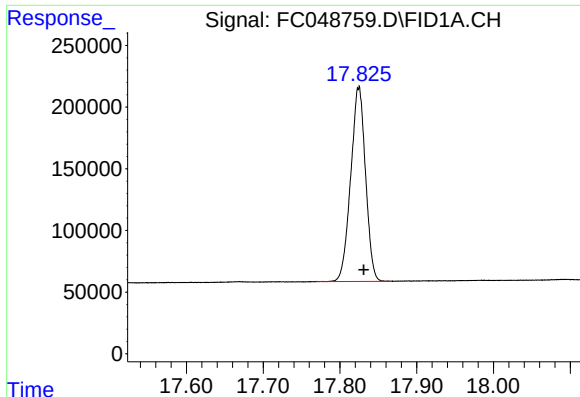
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.003 min
Response: 2175531
Conc: 16.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.005 min
Response: 2150940
Conc: 16.46 ug/ml



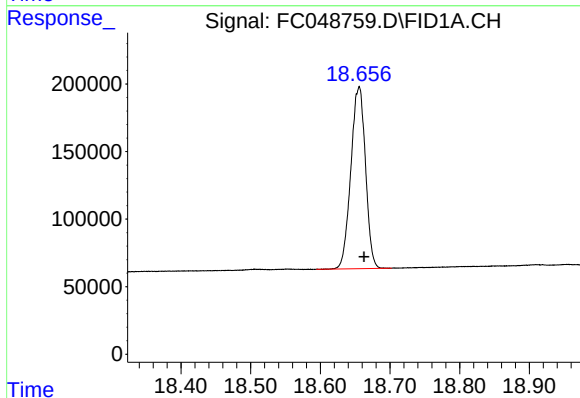
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: -0.006 min
Response: 2115218
Conc: 16.45 ug/ml

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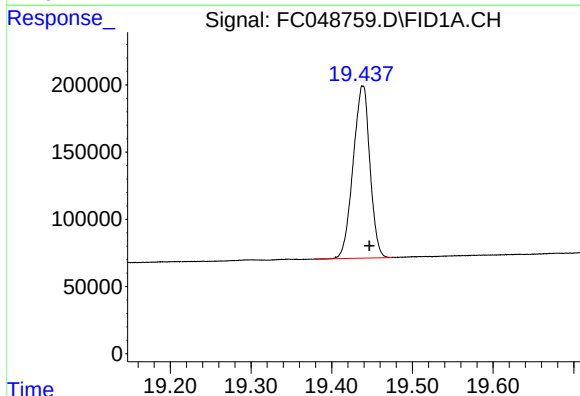
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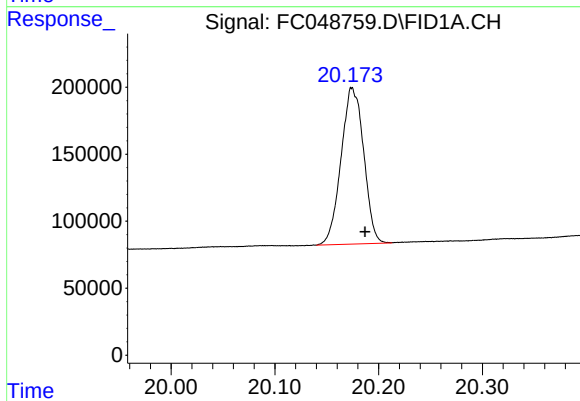
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.007 min
Response: 1964378
Conc: 16.63 ug/ml



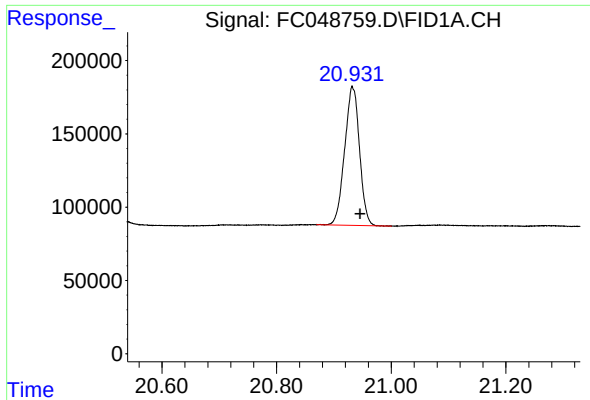
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.008 min
Response: 1850974
Conc: 16.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: -0.014 min
Response: 1770968
Conc: 16.84 ug/ml m



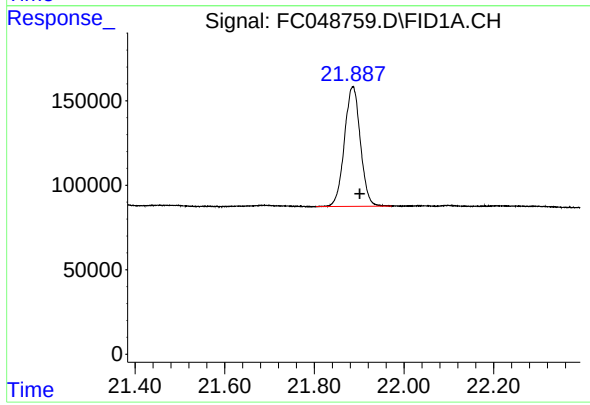
#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.013 min
Response: 1698744
Conc: 17.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.015 min
Response: 1750202
Conc: 18.01 ug/ml