

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058890.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2022 21:35
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/26/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 25 23:20:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.100	2989255	20.747 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	12.549	2316341	20.664 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T n-Nonane (C9)	2.961	2557327	20.868 ug/ml
2) T n-Decane (C10)	4.002	2548897	20.800 ug/ml
3) T A~Naphthalene (C11.7)	5.548	2637950	21.010 ug/ml
4) T n-Dodecane (C12)	6.001	2665762	20.871 ug/ml
5) T A~2-methylnaphthalene...	6.598	2704481	21.096 ug/ml
6) T n-Tetradecane (C14)	7.784	2715195	20.883 ug/ml
7) T n-Hexadecane (C16)	9.376	2749104	20.702 ug/ml
8) T n-Octadecane (C18)	10.810	2745825	20.652 ug/ml
10) T n-Eicosane (C20)	12.112	2719384	20.755 ug/ml
11) T n-Heneicosane (C21)	12.721	2706086	20.740 ug/ml
13) T n-Docosane (C22)	13.304	2686615	20.739 ug/ml
14) T n-Tetracosane (C24)	14.402	2631142	20.829 ug/ml
15) T n-Hexacosane (C26)	15.418	2508590	20.768 ug/ml
16) T n-Octacosane (C28)	16.364	2434600	20.560 ug/ml
17) T n-Tricontane (C30)	17.247	2348167	20.584 ug/ml
18) T n-Dotriacontane (C32)	18.077	2202066	20.555 ug/ml
19) T n-Tetratriacontane (C34)	18.858	2085630	20.642 ug/mlm
20) T n-Hexatriacontane (C36)	19.596	1959102	20.504 ug/ml
21) T n-Octatriacontane (C38)	20.293	1895767	20.602 ug/ml
22) T n-Tetracontane (C40)	21.036	1899244	20.435 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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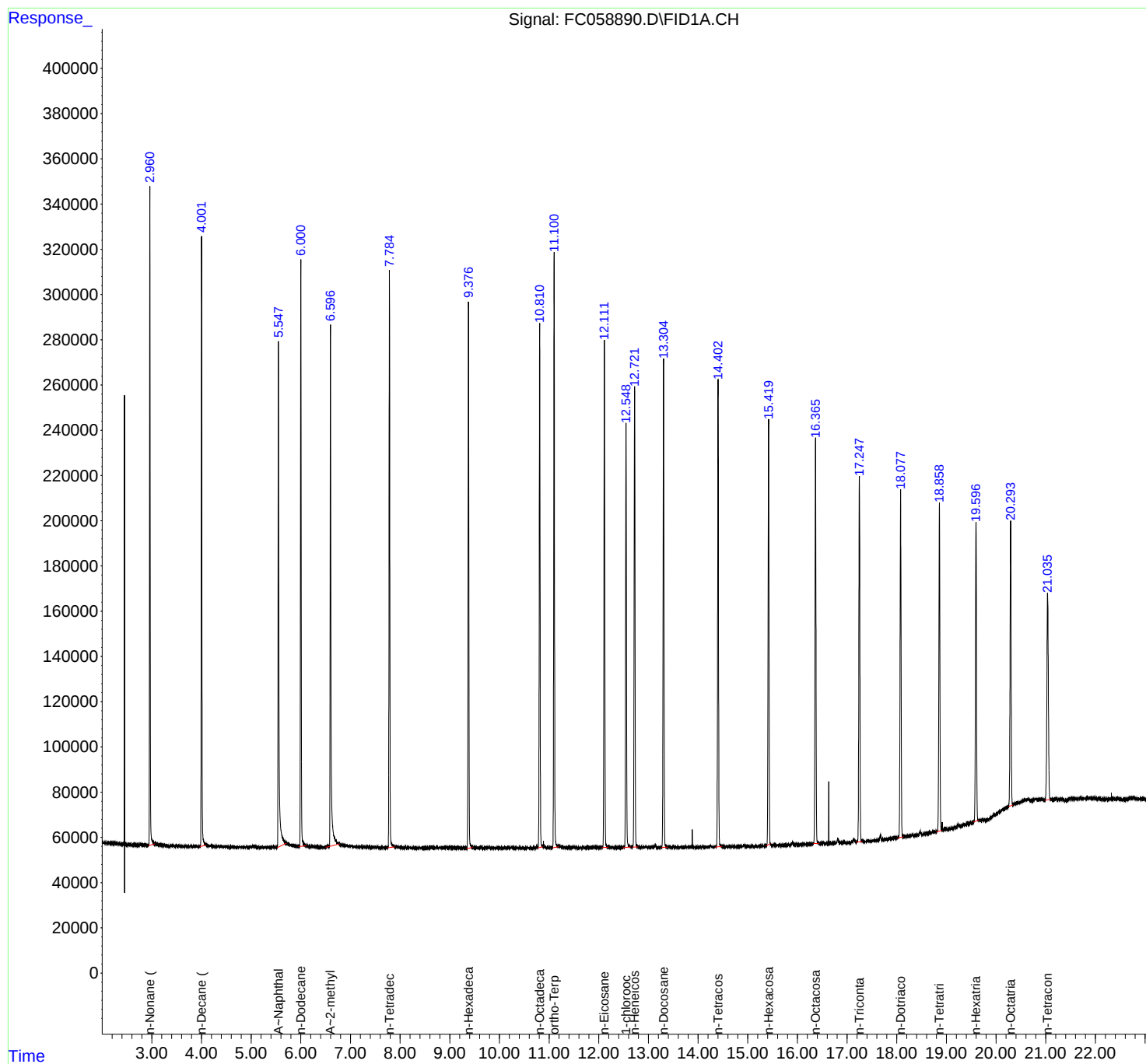
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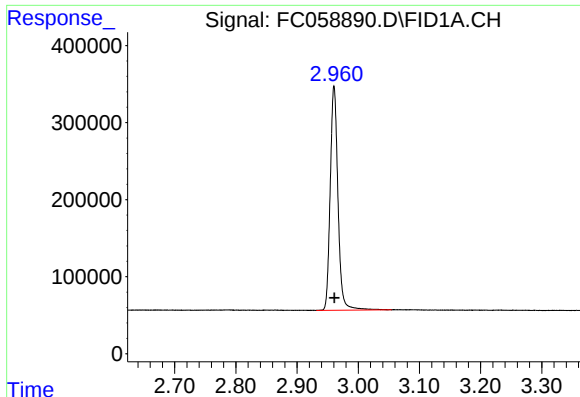
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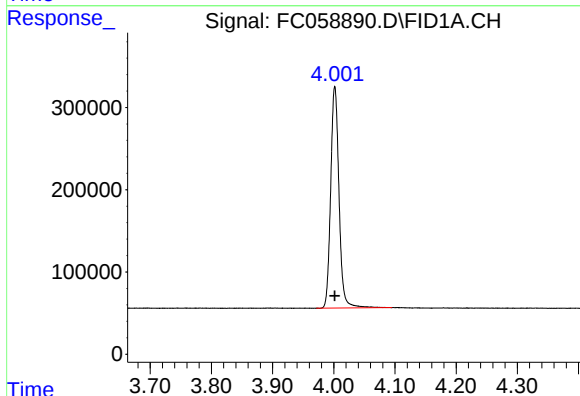
#1 n-Nonane (C9)

R.T.: 2.961 min
Delta R.T.: 0.000 min
Response: 2557327
Conc: 20.87 ug/ml

Instrument :
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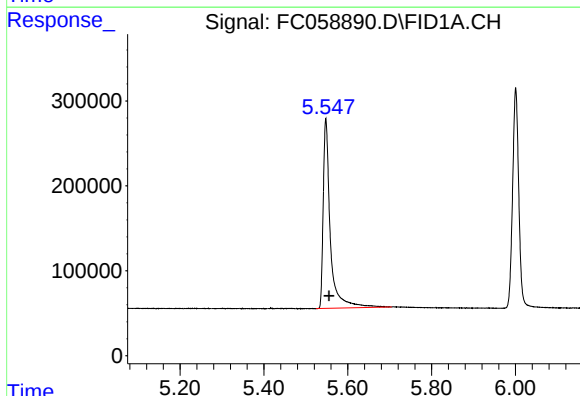
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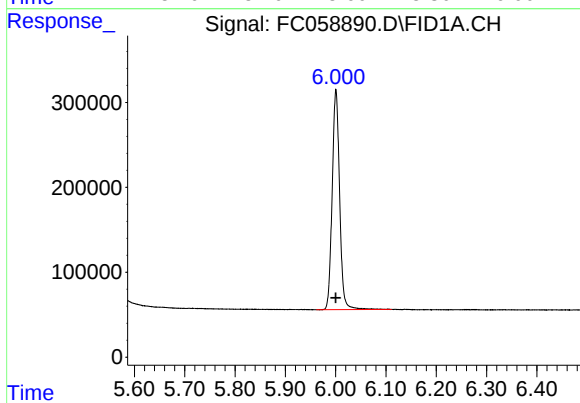
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 2548897
Conc: 20.80 ug/ml



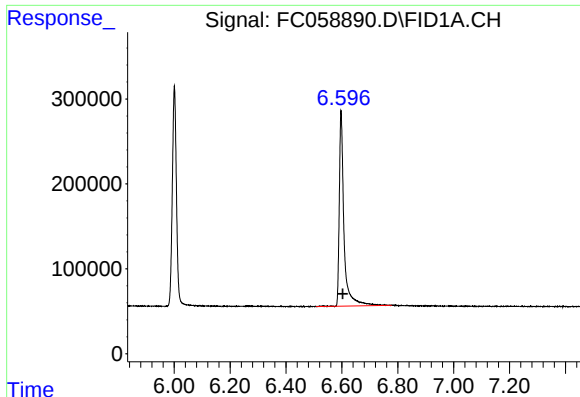
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: -0.007 min
Response: 2637950
Conc: 21.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 2665762
Conc: 20.87 ug/ml



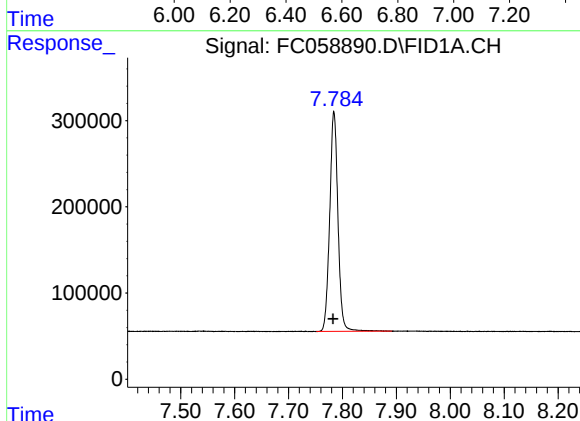
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.005 min
Response: 2704481
Conc: 21.10 ug/ml

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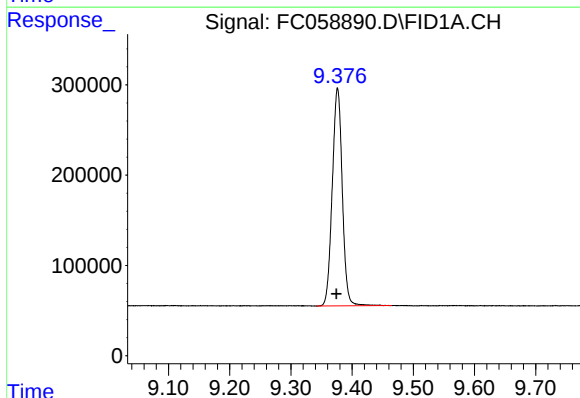
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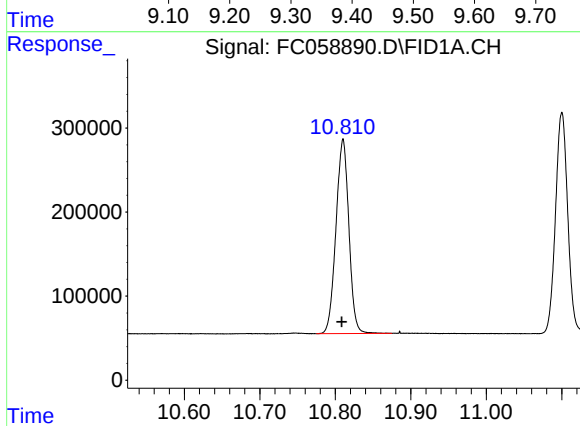
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 2715195
Conc: 20.88 ug/ml



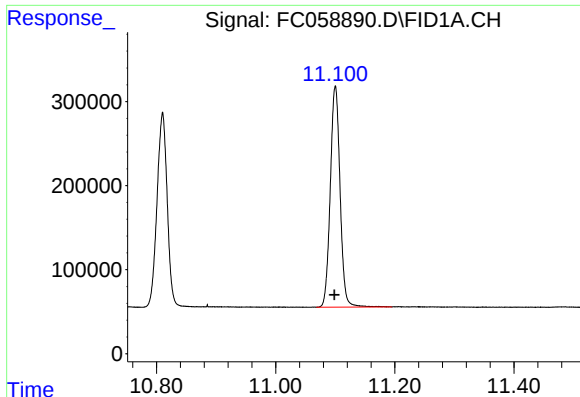
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.002 min
Response: 2749104
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.001 min
Response: 2745825
Conc: 20.65 ug/ml



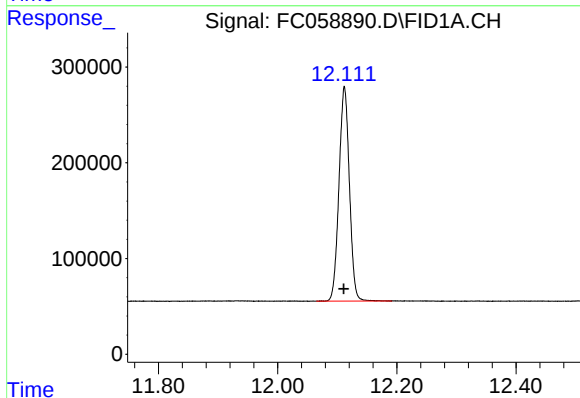
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.001 min
Response: 2989255
Conc: 20.75 ug/ml

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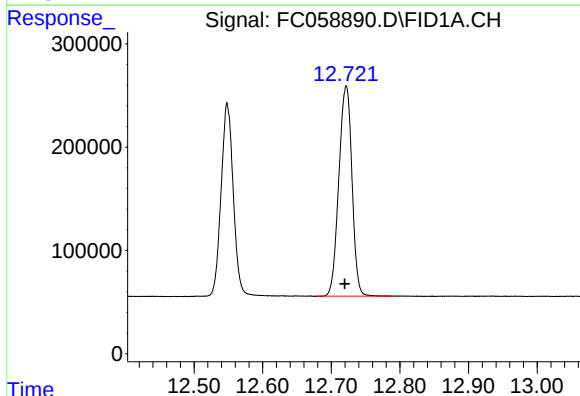
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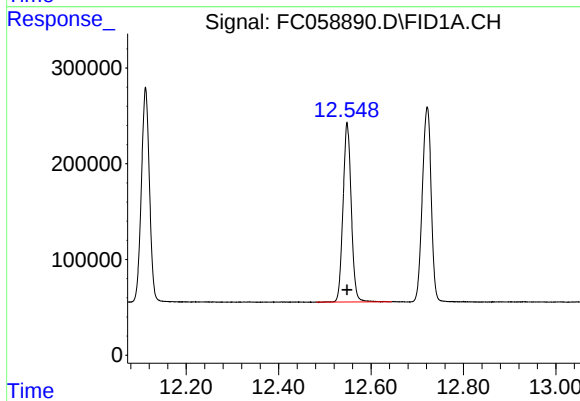
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.001 min
Response: 2719384
Conc: 20.75 ug/ml



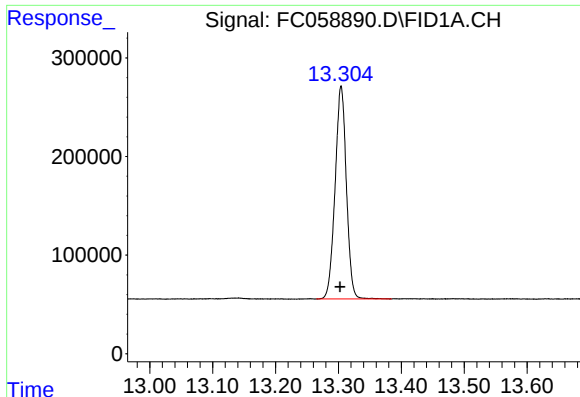
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.002 min
Response: 2706086
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.549 min
Delta R.T.: 0.000 min
Response: 2316341
Conc: 20.66 ug/ml



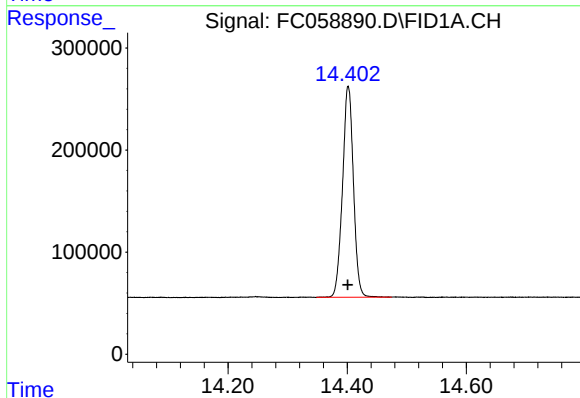
#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.002 min
Response: 2686615
Conc: 20.74 ug/ml

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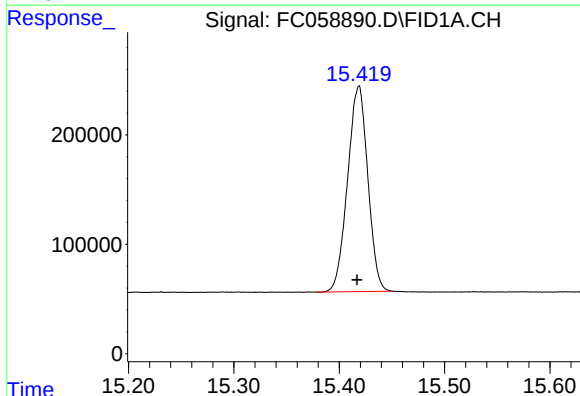
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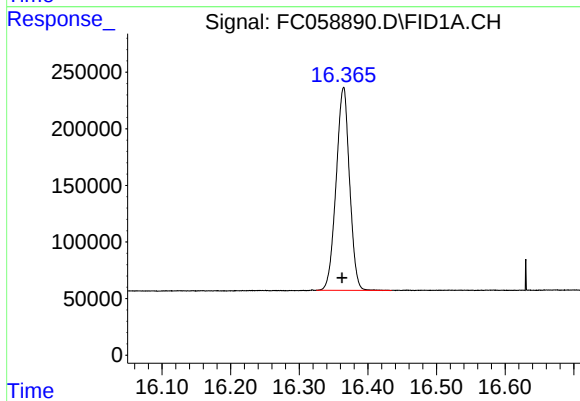
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.000 min
Response: 2631142
Conc: 20.83 ug/ml



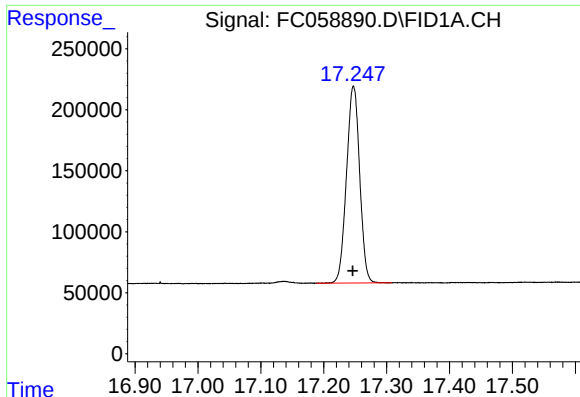
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.001 min
Response: 2508590
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.002 min
Response: 2434600
Conc: 20.56 ug/ml



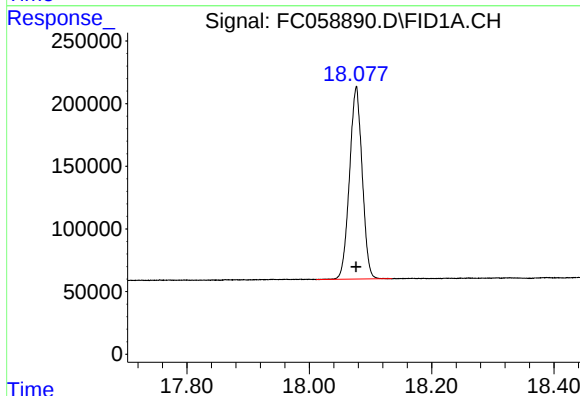
#17 n-Tricontane (C30)

R.T.: 17.247 min
Delta R.T.: 0.001 min
Response: 2348167
Conc: 20.58 ug/ml

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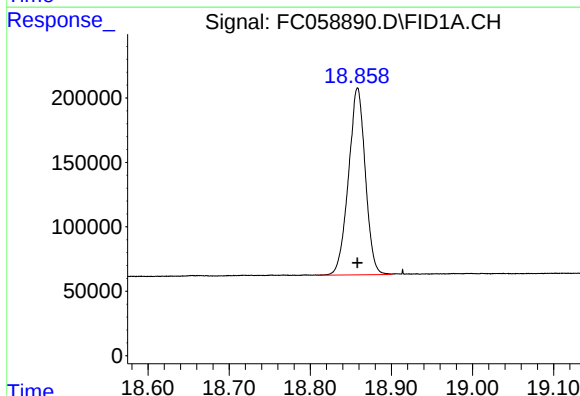
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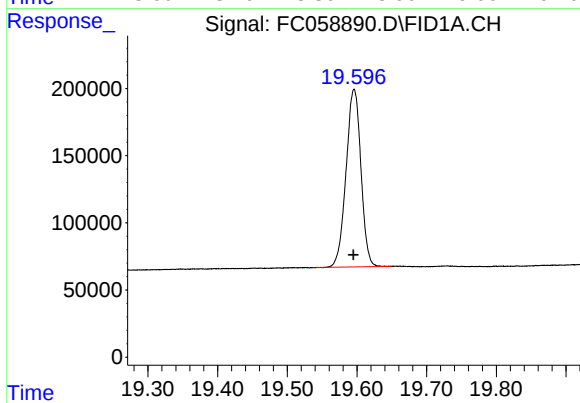
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2202066
Conc: 20.56 ug/ml



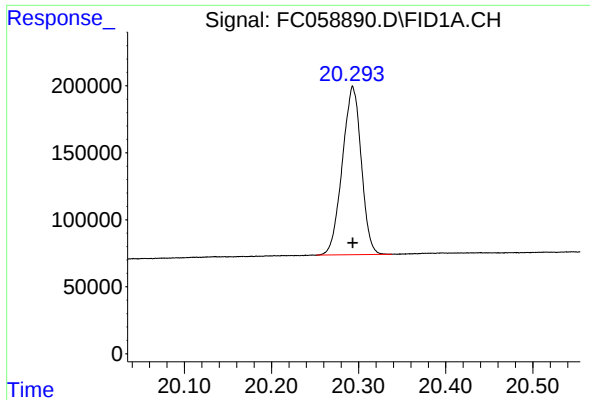
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 2085630
Conc: 20.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.596 min
Delta R.T.: 0.000 min
Response: 1959102
Conc: 20.50 ug/ml



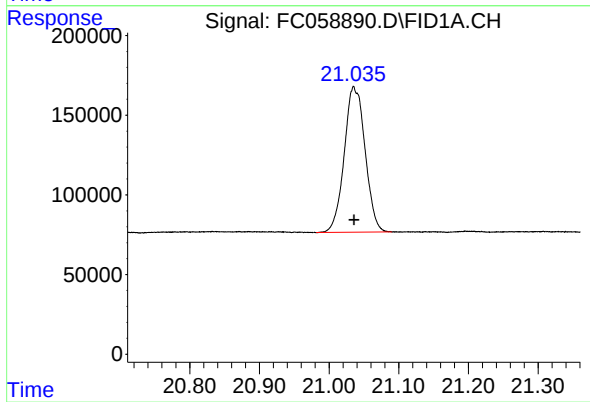
#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 1895767
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 1899244
Conc: 20.44 ug/ml