

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041423AL\
 Data File : FC063389.D
 Signal(s) : FID1A.ch
 Acq On : 15 Apr 2023 00:24
 Operator : YP/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: Apr 15 02:43:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.530	3003586	19.741 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	12.968	2260329	20.428 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.297	2715217	19.340 ug/ml
2) T n-Decane (C10)	4.363	2687437	19.721 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2919422	19.334 ug/ml
4) T n-Dodecane (C12)	6.382	2683615	19.949 ug/ml
5) T A~2-methylnaphthalene...	7.004	2706223	19.430 ug/ml
6) T n-Tetradecane (C14)	8.176	2633326	19.452 ug/ml
7) T n-Hexadecane (C16)	9.777	2691886	19.823 ug/ml
8) T n-Octadecane (C18)	11.217	2730109	19.710 ug/ml
10) T n-Eicosane (C20)	12.524	2661732	19.812 ug/ml
11) T n-Heneicosane (C21)	13.136	2668401	19.826 ug/ml
13) T n-Docosane (C22)	13.720	2639498	19.793 ug/ml
14) T n-Tetracosane (C24)	14.821	2643517	19.661 ug/ml
15) T n-Hexacosane (C26)	15.840	2641543	19.735 ug/ml
16) T n-Octacosane (C28)	16.789	2708958	20.007 ug/ml
17) T n-Tricontane (C30)	17.674	2896170	20.936 ug/ml
18) T n-Dotriacontane (C32)	18.503	3020443	21.395 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2957543	21.431 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2785874	21.796 ug/ml
21) T n-Octatriacontane (C38)	20.752	2744435	22.289 ug/ml
22) T n-Tetracontane (C40)	21.647	2702089	22.962 ug/ml

(f)=RT Delta > 1/2 Window

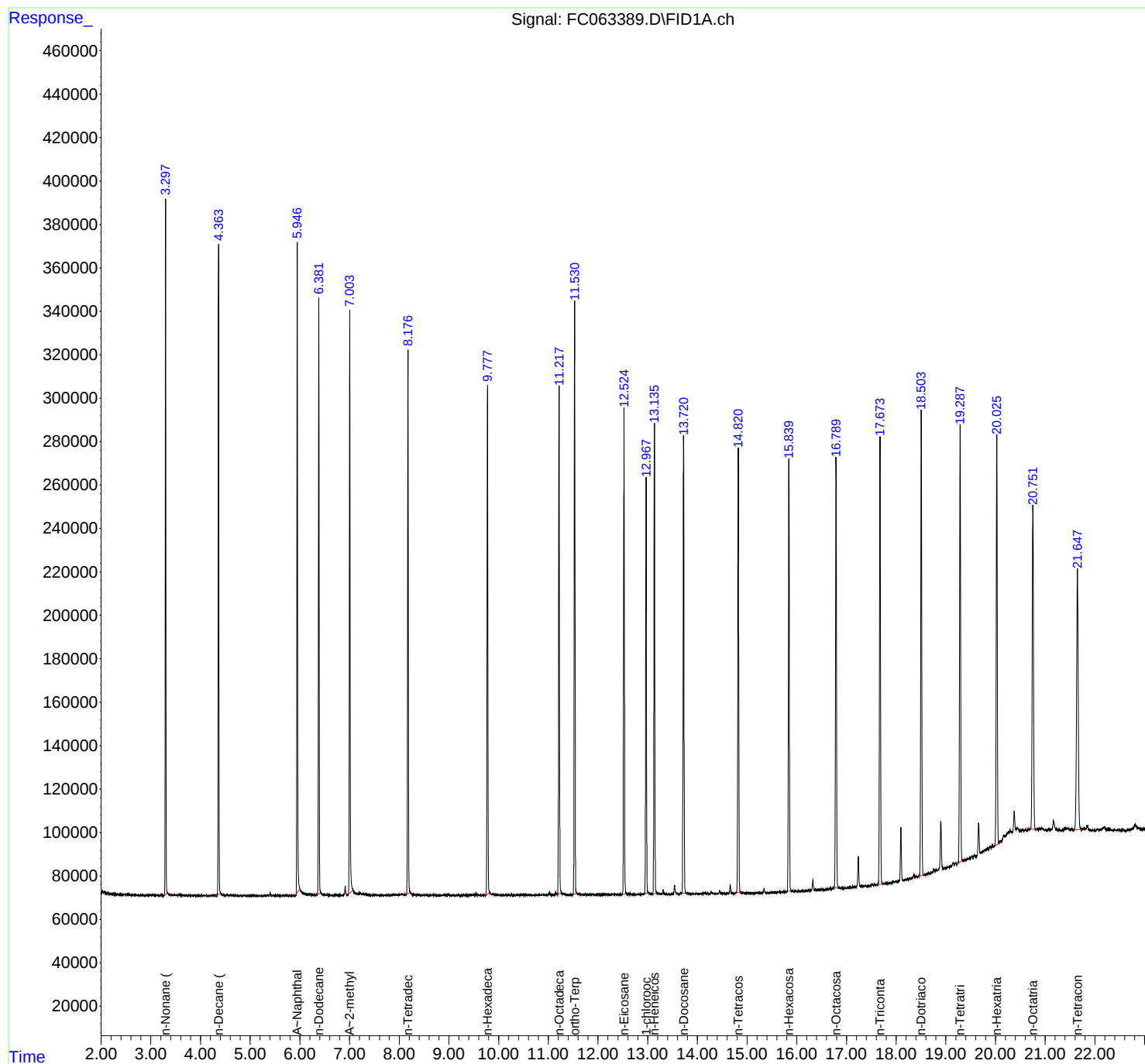
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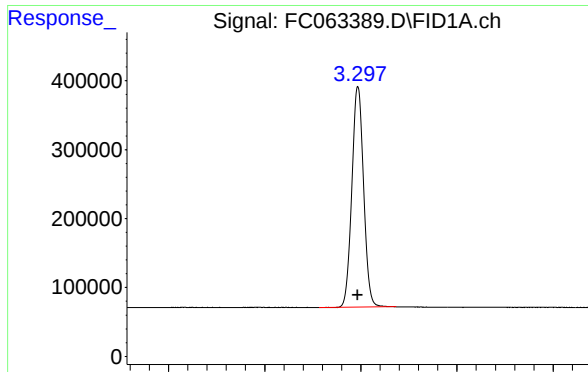
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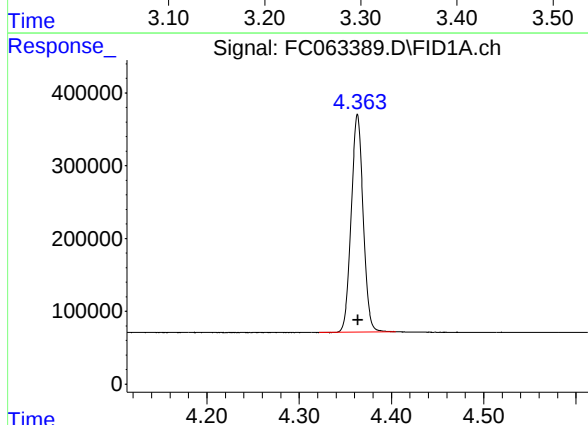




#1 n-Nonane (C9)

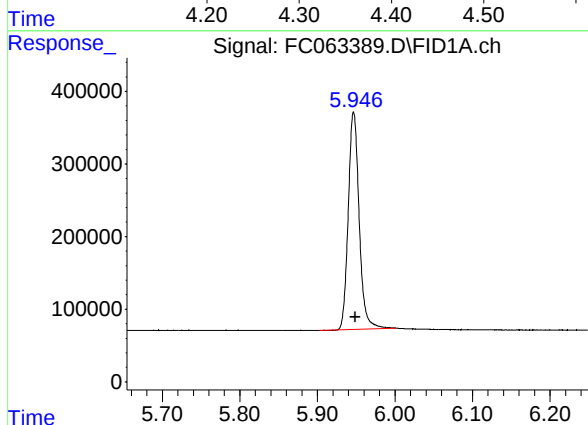
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2715217
Conc: 19.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



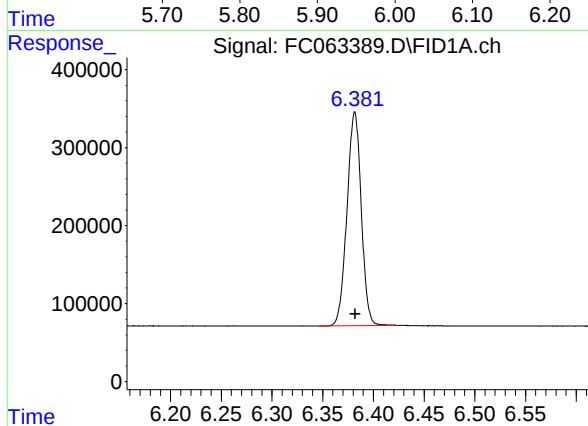
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 2687437
Conc: 19.72 ug/ml



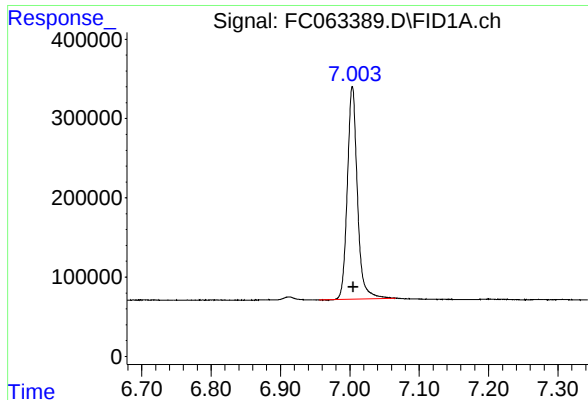
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2919422
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

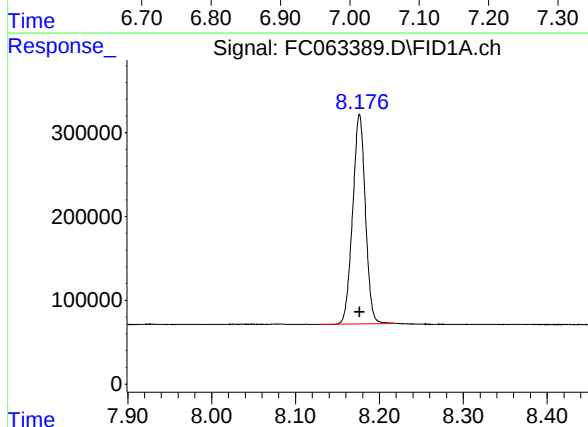
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2683615
Conc: 19.95 ug/ml



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

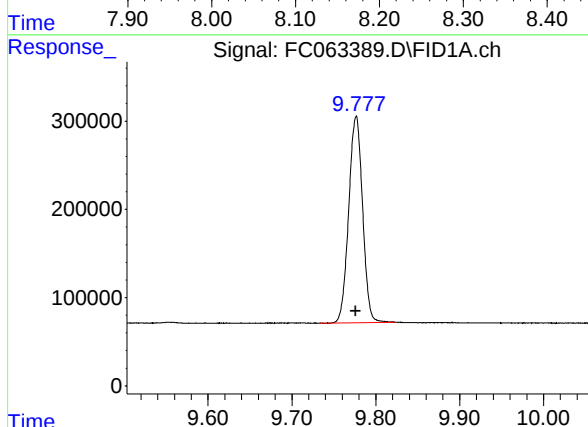
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 2706223
Conc: 19.43 ug/ml

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20 PPM ALIPHATIC HC STD



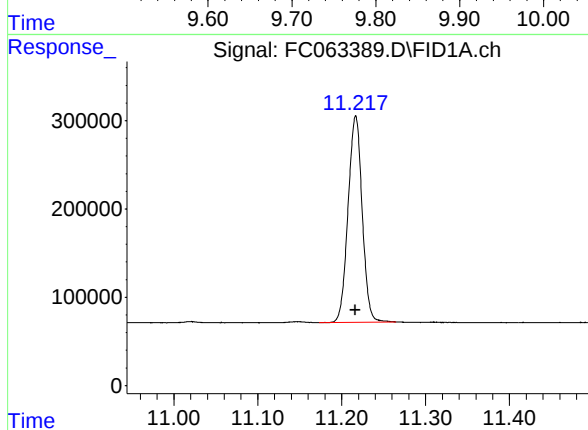
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2633326
Conc: 19.45 ug/ml



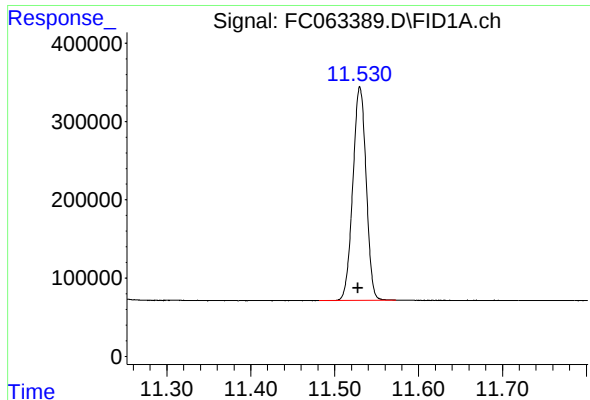
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2691886
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

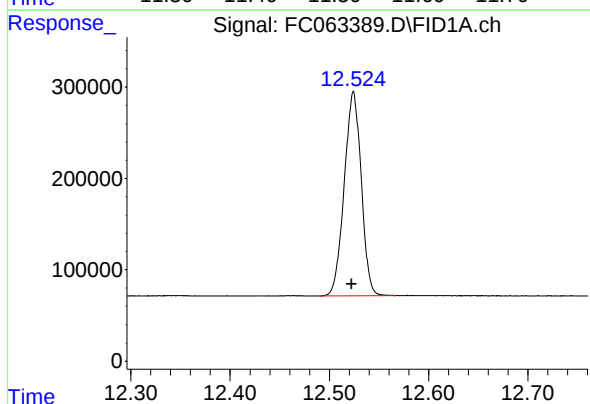
R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 2730109
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

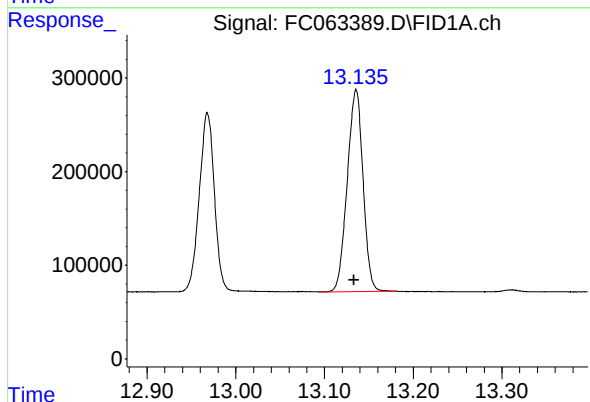
R.T.: 11.530 min
Delta R.T.: 0.002 min
Response: 3003586
Conc: 19.74 ug/ml

Instrument :
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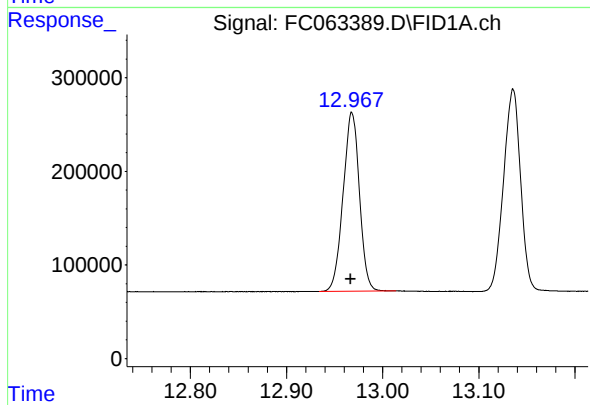
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.002 min
Response: 2661732
Conc: 19.81 ug/ml



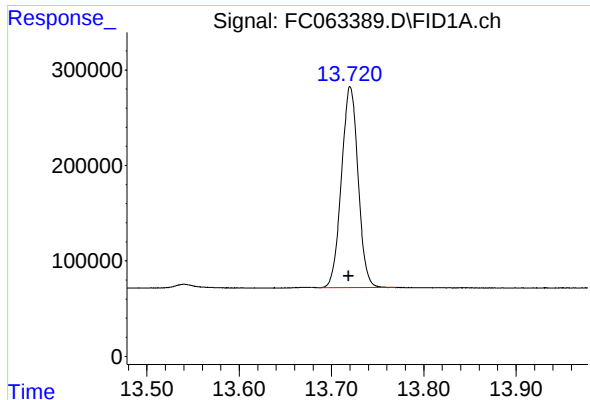
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.003 min
Response: 2668401
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

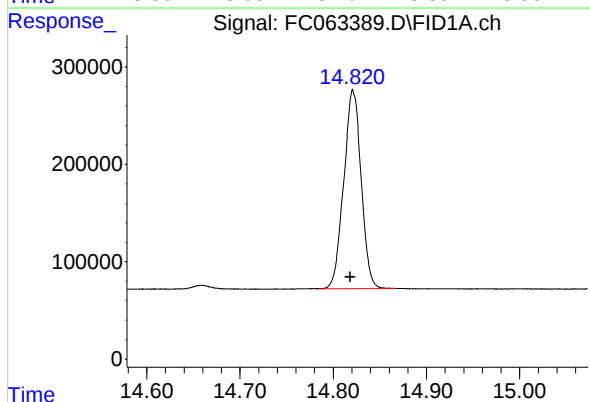
R.T.: 12.968 min
Delta R.T.: 0.001 min
Response: 2260329
Conc: 20.43 ug/ml



#13 n-Docosane (C22)

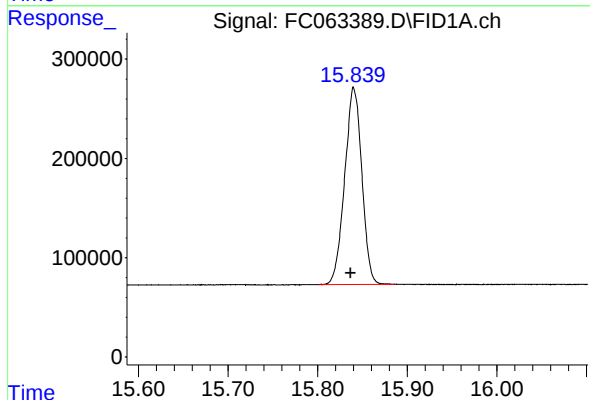
R.T.: 13.720 min
Delta R.T.: 0.002 min
Response: 2639498
Conc: 19.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



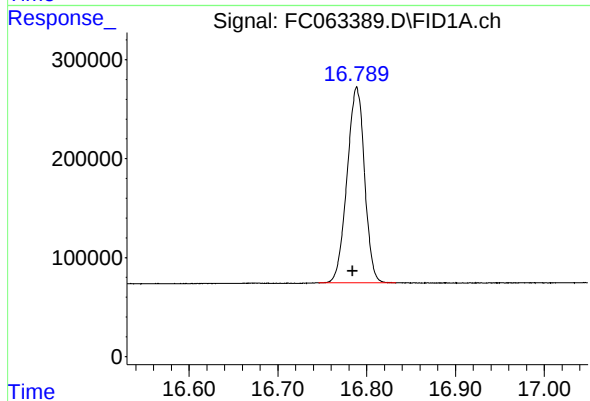
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: 0.003 min
Response: 2643517
Conc: 19.66 ug/ml



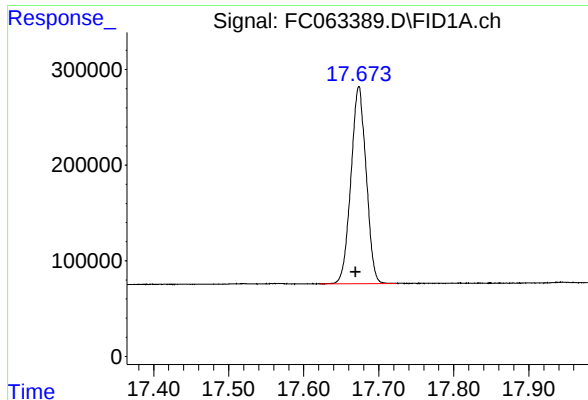
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.003 min
Response: 2641543
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

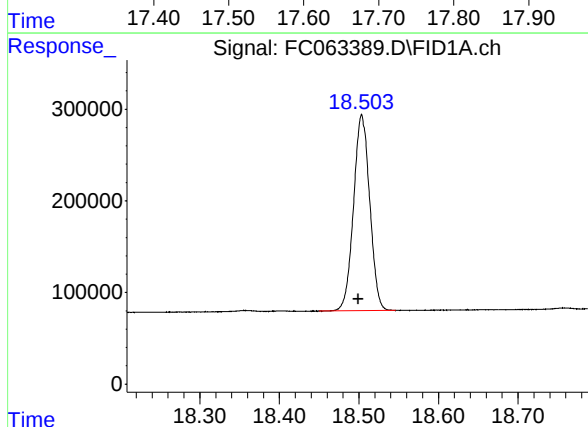
R.T.: 16.789 min
Delta R.T.: 0.004 min
Response: 2708958
Conc: 20.01 ug/ml



#17 n-Tricontane (C30)

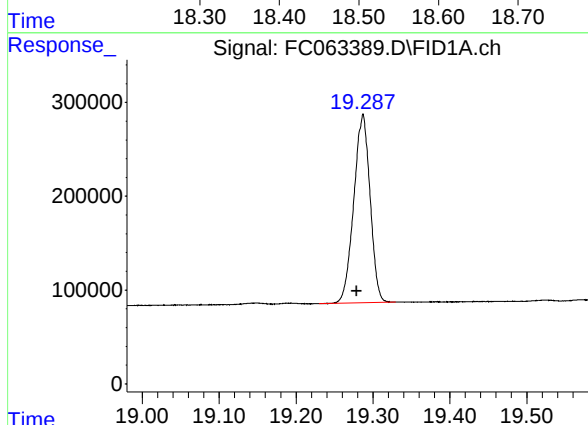
R.T.: 17.674 min
Delta R.T.: 0.004 min
Response: 2896170
Conc: 20.94 ug/ml

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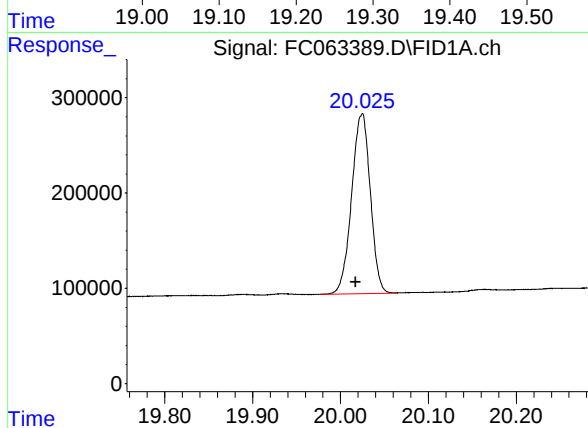
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.004 min
Response: 3020443
Conc: 21.39 ug/ml



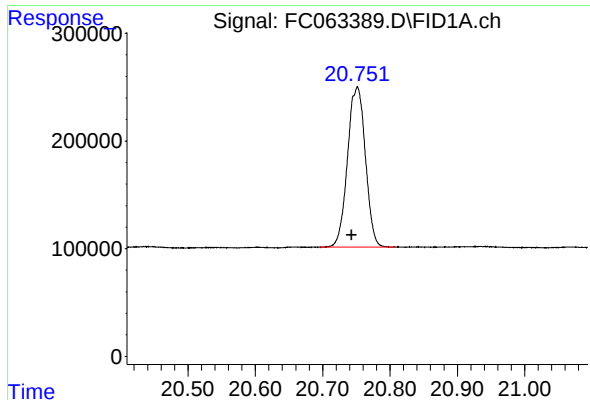
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.008 min
Response: 2957543
Conc: 21.43 ug/ml



#20 n-Hexatriacontane (C36)

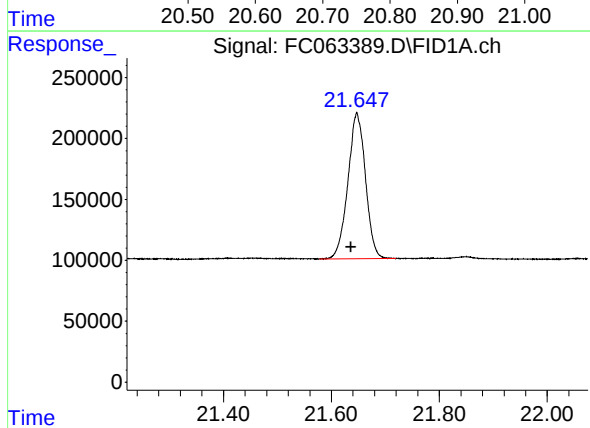
R.T.: 20.025 min
Delta R.T.: 0.007 min
Response: 2785874
Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.008 min
Response: 2744435
Conc: 22.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.010 min
Response: 2702089
Conc: 22.96 ug/ml