

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112522AL\
 Data File : FC062277.D
 Signal(s) : FID1A.ch
 Acq On : 25 Nov 2022 11:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 00:17:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.597	2600000	19.048 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
12) S 1-chlorooctadecane (S...	13.036	2000784	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.340	2779471	19.970 ug/ml
2) T n-Decane (C10)	4.411	2806154	20.741 ug/ml
3) T A~Naphthalene (C11.7)	6.001	2875209	19.626 ug/ml
4) T n-Dodecane (C12)	6.436	2770615	20.739 ug/ml
5) T A~2-methylnaphthalene...	7.061	2755803	20.550 ug/ml
6) T n-Tetradecane (C14)	8.235	2676961	20.507 ug/ml
7) T n-Hexadecane (C16)	9.837	2636657	20.337 ug/ml
8) T n-Octadecane (C18)	11.281	2581952	20.221 ug/ml
10) T n-Eicosane (C20)	12.592	2499862	20.565 ug/ml
11) T n-Heneicosane (C21)	13.203	2456421	20.381 ug/ml
13) T n-Docosane (C22)	13.789	2411321	20.455 ug/ml
14) T n-Tetracosane (C24)	14.892	2341922	20.353 ug/ml
15) T n-Hexacosane (C26)	15.914	2294540	20.593 ug/ml
16) T n-Octacosane (C28)	16.863	2278282	20.779 ug/ml
17) T n-Tricontane (C30)	17.750	2418431	22.084 ug/ml
18) T n-Dotriacontane (C32)	18.582	2491304	22.556 ug/ml
19) T n-Tetratriacontane (C34)	19.366	2396015	21.914 ug/ml
20) T n-Hexatriacontane (C36)	20.105	2361311	22.531 ug/ml
21) T n-Octatriacontane (C38)	20.849	2262330	21.859 ug/ml
22) T n-Tetracontane (C40)	21.776	2190495	21.339 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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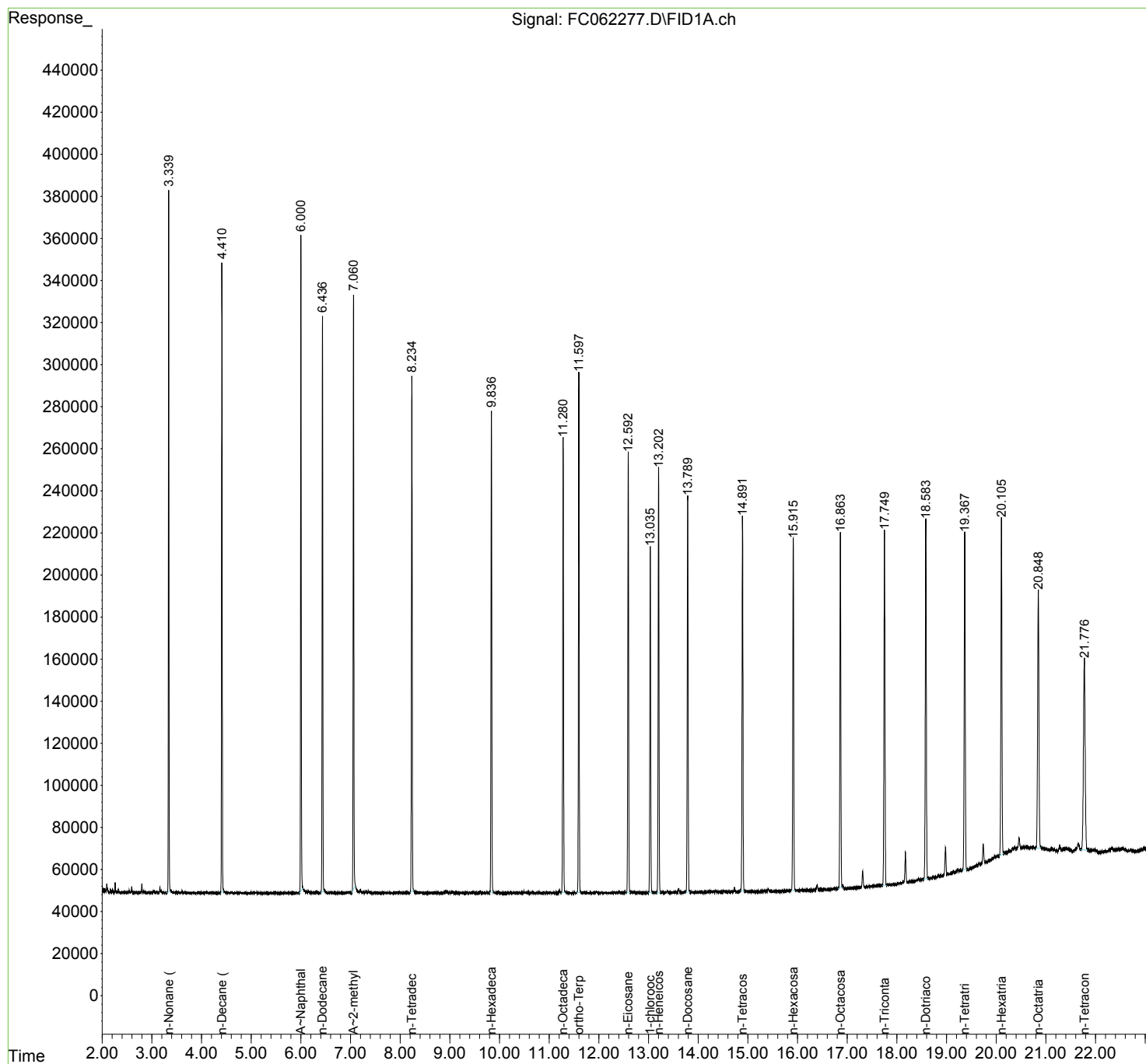
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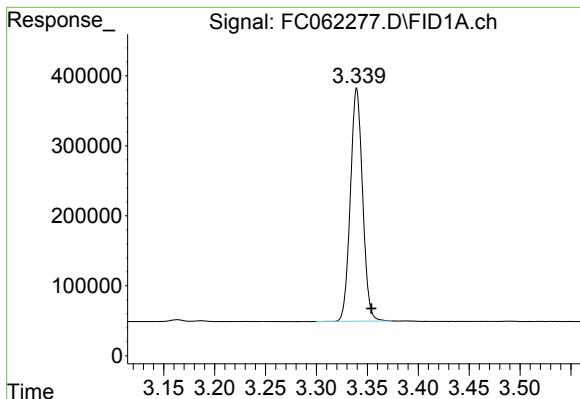
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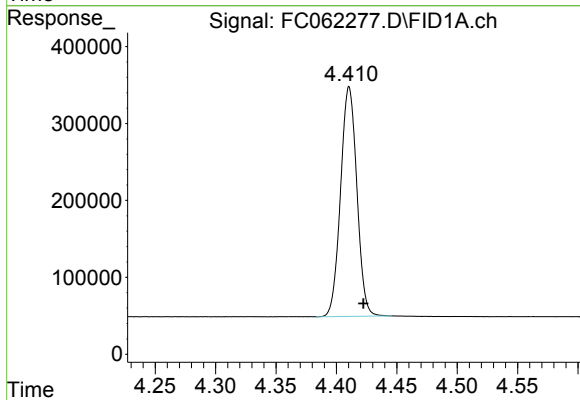
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: -0.014 min
Response: 2779471
Conc: 19.97 ug/ml

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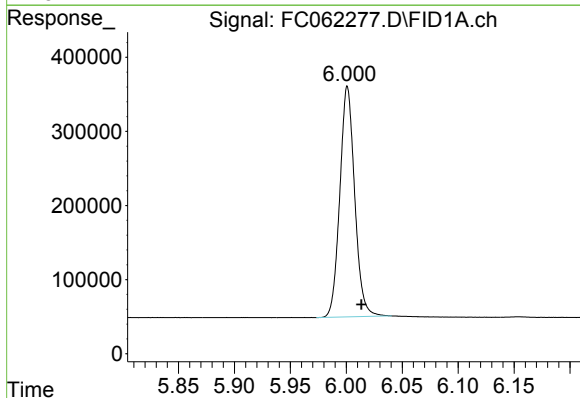
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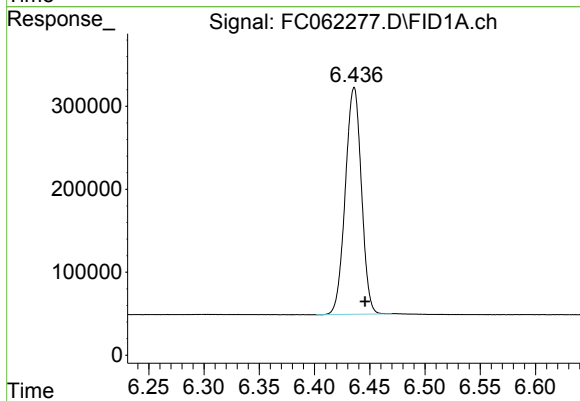
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.012 min
Response: 2806154
Conc: 20.74 ug/ml



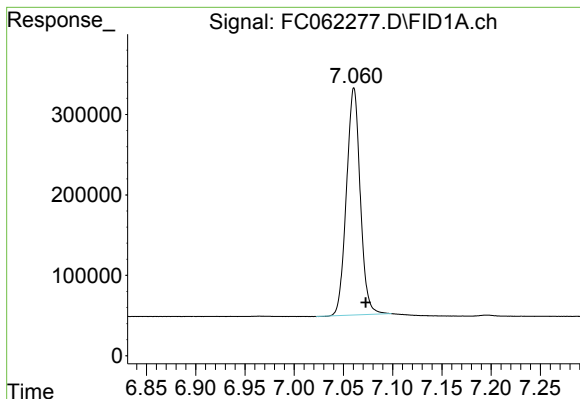
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.013 min
Response: 2875209
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.436 min
Delta R.T.: -0.010 min
Response: 2770615
Conc: 20.74 ug/ml



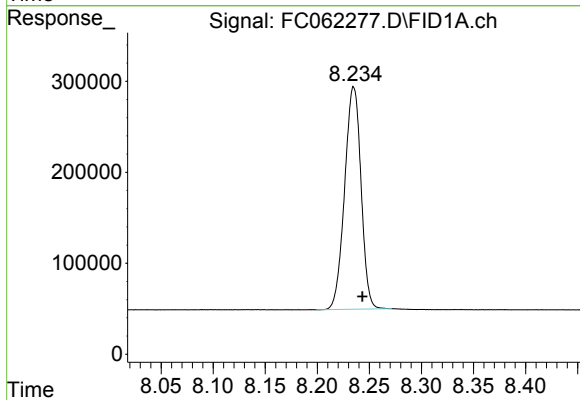
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.061 min
Delta R.T.: -0.012 min
Response: 2755803
Conc: 20.55 ug/ml

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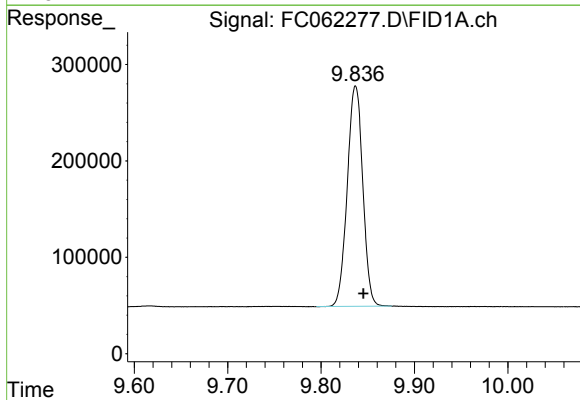
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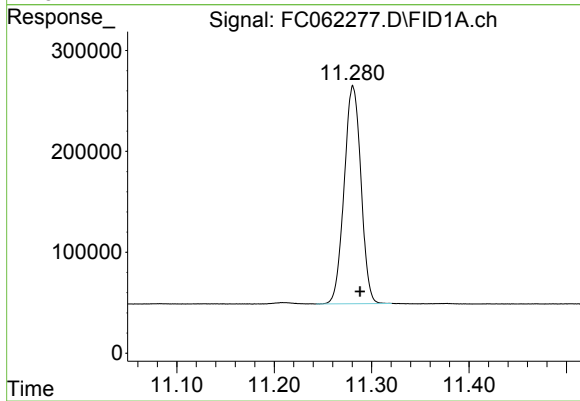
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.008 min
Response: 2676961
Conc: 20.51 ug/ml



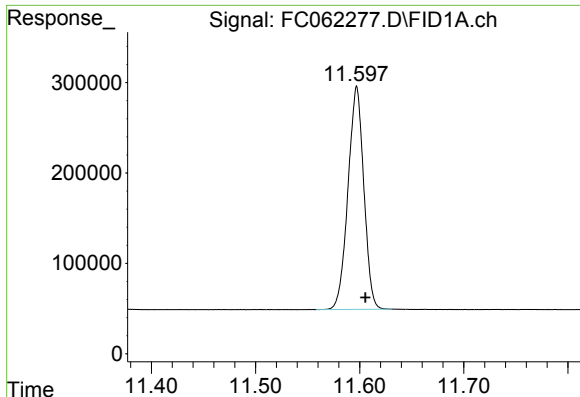
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: -0.008 min
Response: 2636657
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.281 min
Delta R.T.: -0.007 min
Response: 2581952
Conc: 20.22 ug/ml



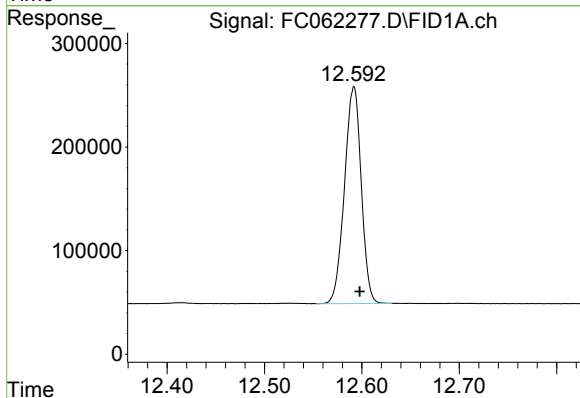
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: -0.008 min
Response: 2600000
Conc: 19.05 ug/ml

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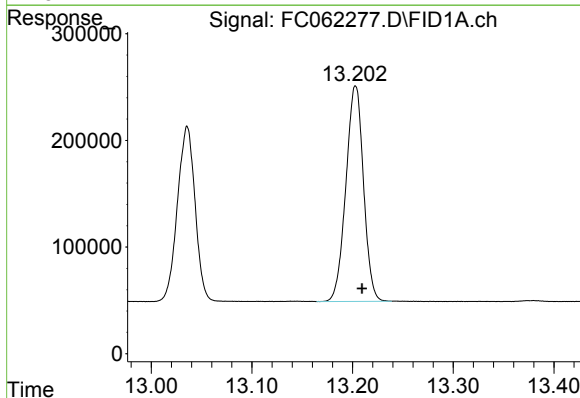
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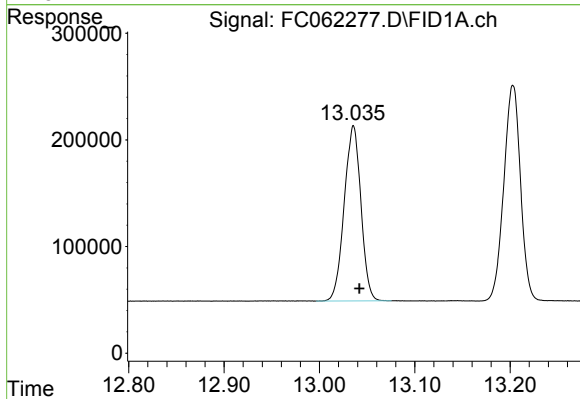
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: -0.006 min
Response: 2499862
Conc: 20.57 ug/ml



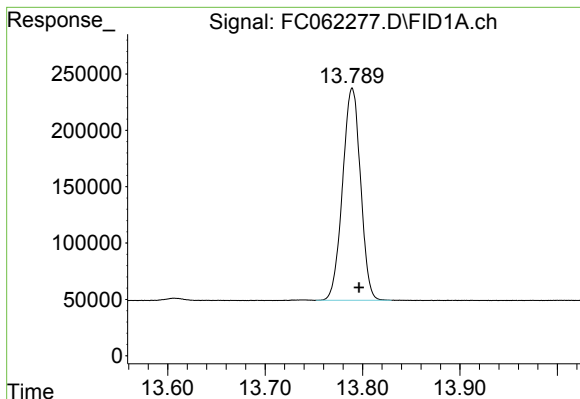
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.007 min
Response: 2456421
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.036 min
Delta R.T.: -0.006 min
Response: 2000784
Conc: 19.68 ug/ml



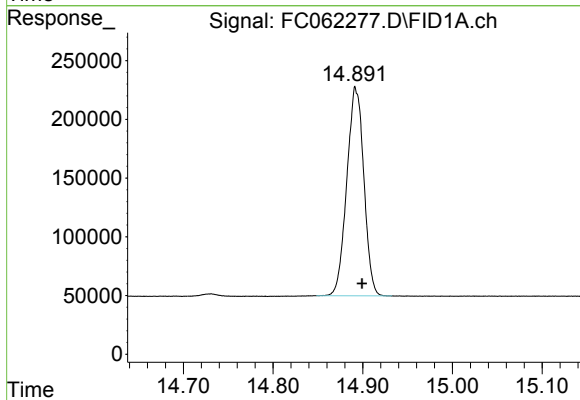
#13 n-Docosane (C22)

R.T.: 13.789 min
Delta R.T.: -0.007 min
Response: 2411321
Conc: 20.46 ug/ml

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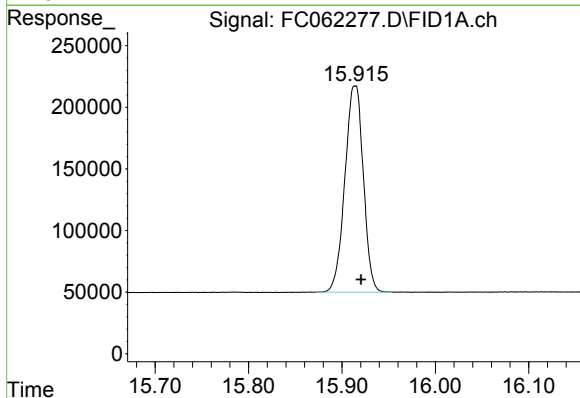
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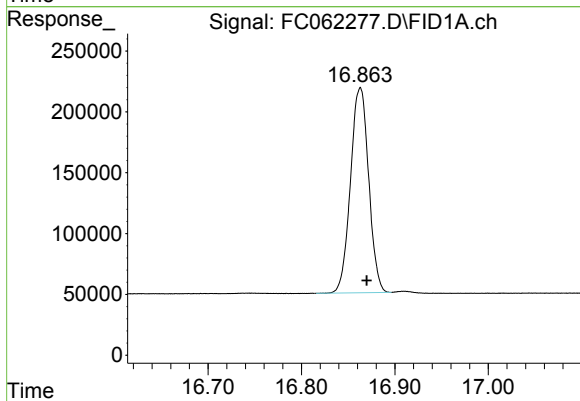
#14 n-Tetracosane (C24)

R.T.: 14.892 min
Delta R.T.: -0.007 min
Response: 2341922
Conc: 20.35 ug/ml



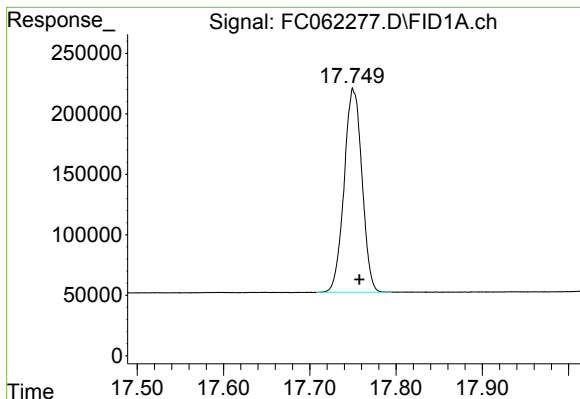
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.006 min
Response: 2294540
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.863 min
Delta R.T.: -0.007 min
Response: 2278282
Conc: 20.78 ug/ml



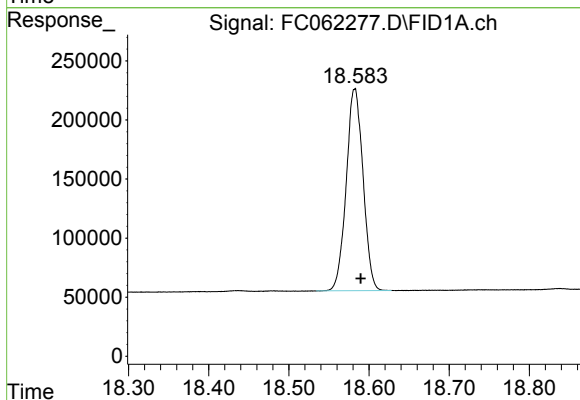
#17 n-Tricontane (C30)

R.T.: 17.750 min
Delta R.T.: -0.007 min
Response: 2418431
Conc: 22.08 ug/ml

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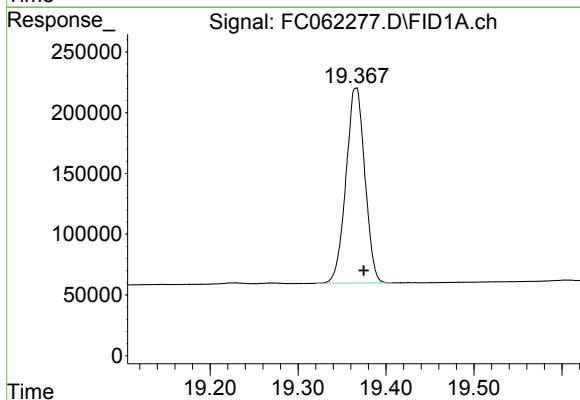
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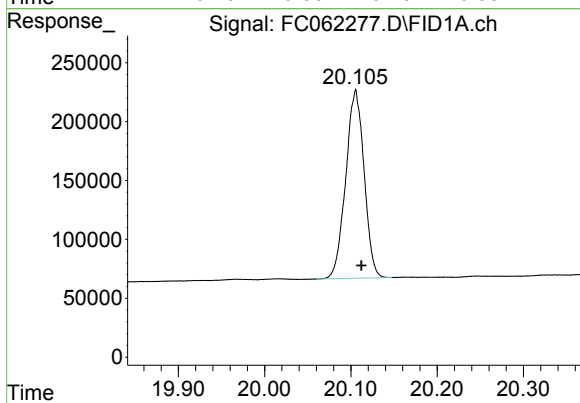
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: -0.007 min
Response: 2491304
Conc: 22.56 ug/ml



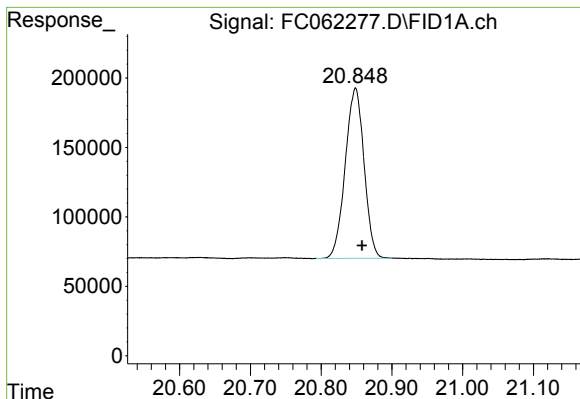
#19 n-Tetratriacontane (C34)

R.T.: 19.366 min
Delta R.T.: -0.009 min
Response: 2396015
Conc: 21.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.105 min
Delta R.T.: -0.007 min
Response: 2361311
Conc: 22.53 ug/ml



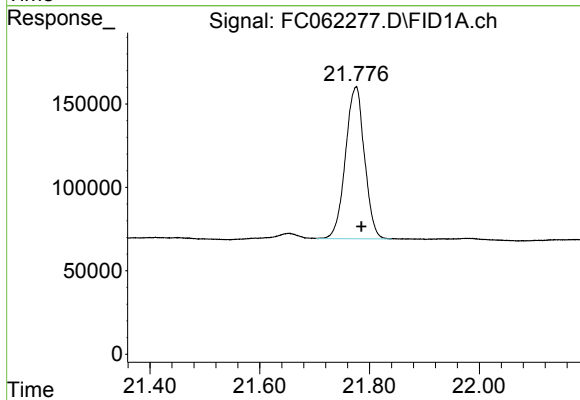
#21 n-Octatriacontane (C38)

R.T.: 20.849 min
Delta R.T.: -0.009 min
Response: 2262330
Conc: 21.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.776 min
Delta R.T.: -0.009 min
Response: 2190495
Conc: 21.34 ug/ml m