

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102122AL\
 Data File : FC061866.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2022 12:20
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2022
 Supervised By :Ankita Jodhani 10/24/2022

Integration File: autoint1.e
 Quant Time: Oct 21 12:47:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.582	3057044	20.566 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
12) S 1-chlorooctadecane (S...	13.019	2412943	20.712 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.345	2792987	19.856 ug/ml
2) T n-Decane (C10)	4.410	2841735	19.908 ug/ml
3) T A~Naphthalene (C11.7)	5.994	3095816	20.057 ug/ml
4) T n-Dodecane (C12)	6.426	2898761	19.968 ug/ml
5) T A~2-methylnaphthalene...	7.050	3046645	20.084 ug/ml
6) T n-Tetradecane (C14)	8.222	2920694	20.093 ug/ml
7) T n-Hexadecane (C16)	9.823	2955185	20.293 ug/ml
8) T n-Octadecane (C18)	11.265	2957452	20.461 ug/ml
10) T n-Eicosane (C20)	12.574	2901267	20.556 ug/ml
11) T n-Heneicosane (C21)	13.186	2863987	20.640 ug/ml
13) T n-Docosane (C22)	13.773	2826221	20.616 ug/ml
14) T n-Tetracosane (C24)	14.876	2702314	20.452 ug/ml
15) T n-Hexacosane (C26)	15.896	2567742	20.378 ug/ml
16) T n-Octacosane (C28)	16.845	2431835	20.164 ug/ml
17) T n-Tricontane (C30)	17.732	2420477	20.343 ug/ml
18) T n-Dotriacontane (C32)	18.564	2404406	20.407 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2280529	20.186 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2270787	20.023 ug/mlm
21) T n-Octatriacontane (C38)	20.822	2184797	19.417 ug/ml
22) T n-Tetracontane (C40)	21.740	2137916	19.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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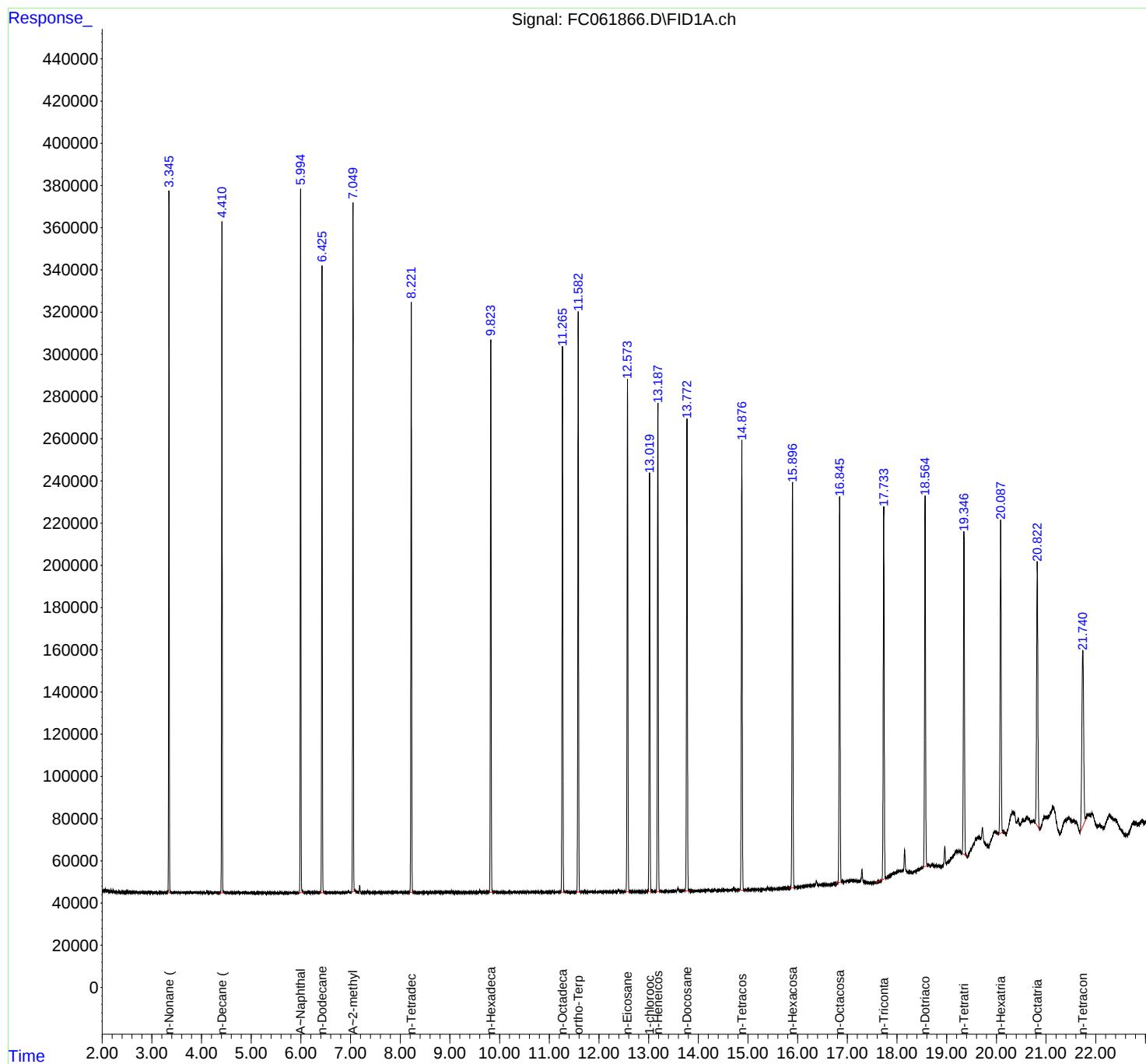
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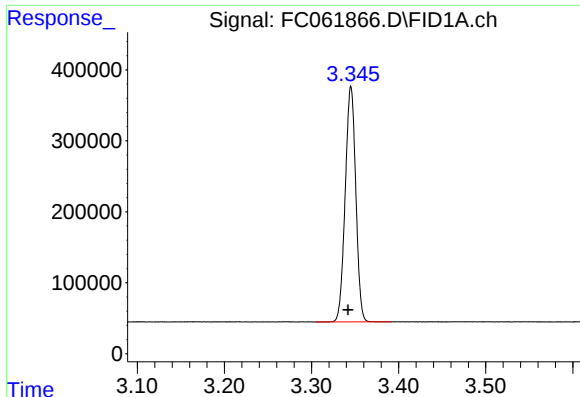
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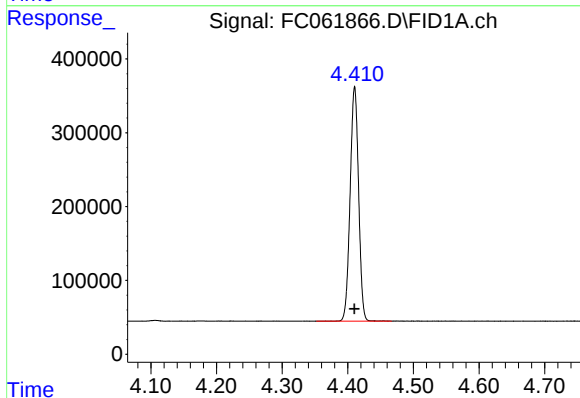
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.003 min
Response: 2792987
Conc: 19.86 ug/ml

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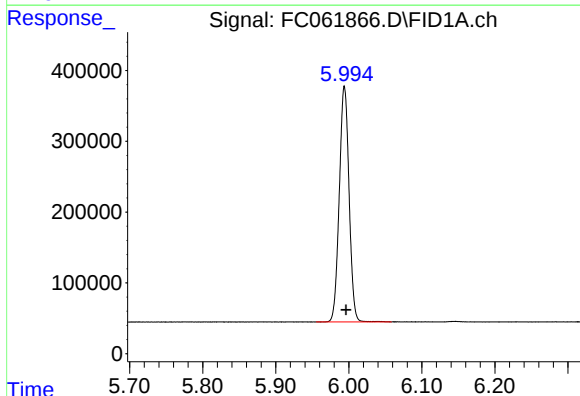
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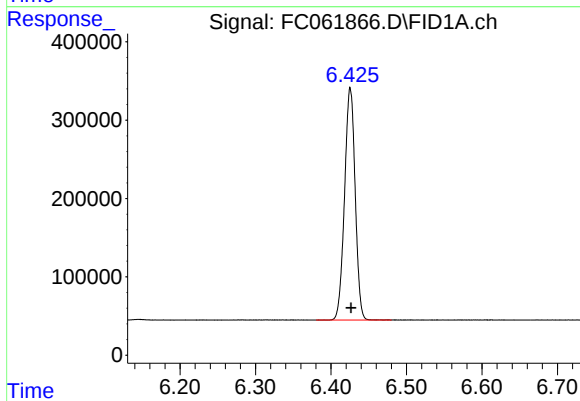
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 2841735
Conc: 19.91 ug/ml



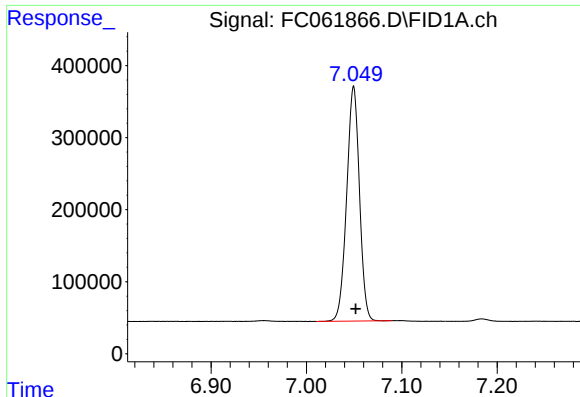
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.002 min
Response: 3095816
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.426 min
Delta R.T.: -0.001 min
Response: 2898761
Conc: 19.97 ug/ml



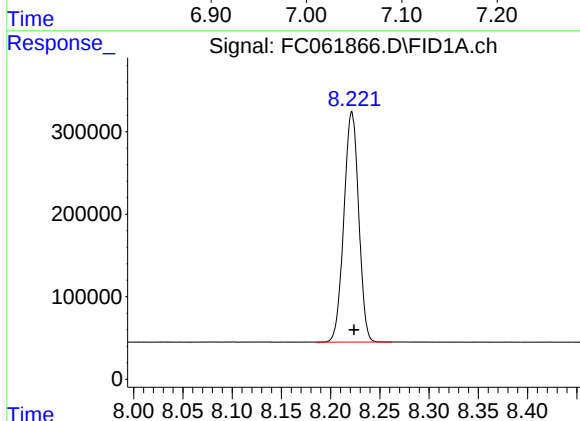
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.050 min
Delta R.T.: -0.002 min
Response: 3046645
Conc: 20.08 ug/ml

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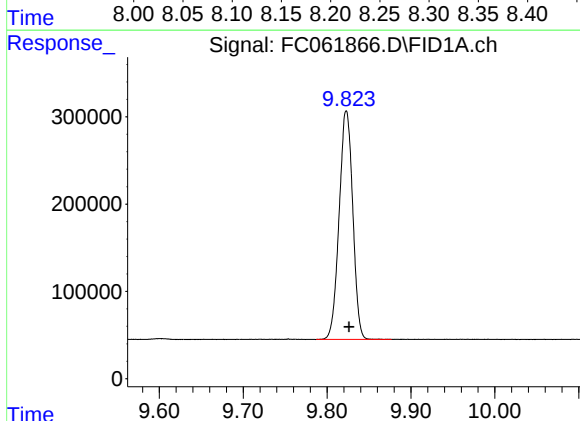
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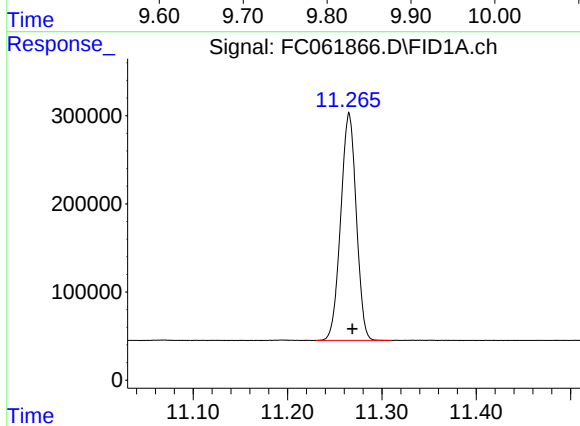
#6 n-Tetradecane (C14)

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 2920694
Conc: 20.09 ug/ml



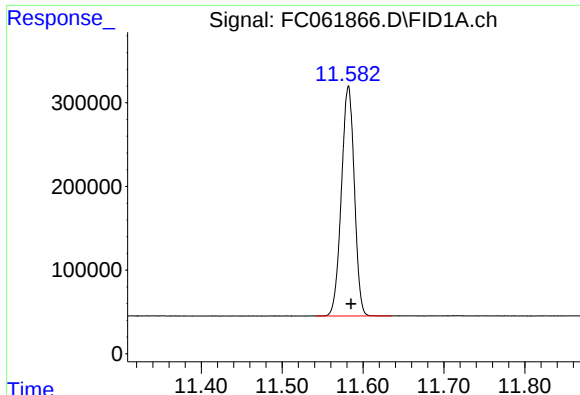
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.003 min
Response: 2955185
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.004 min
Response: 2957452
Conc: 20.46 ug/ml



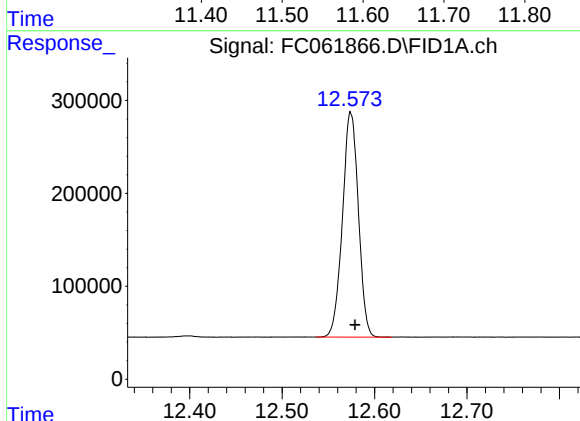
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.003 min
Response: 3057044
Conc: 20.57 ug/ml

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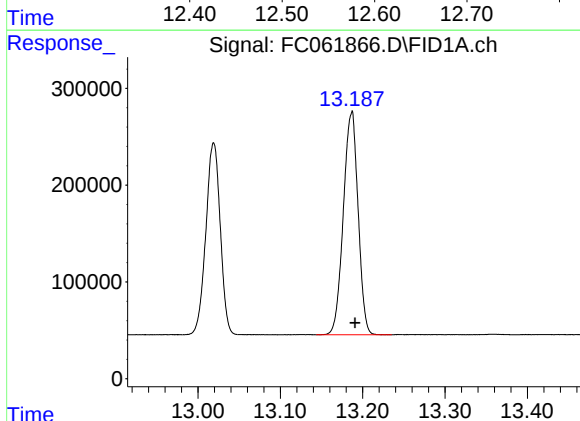
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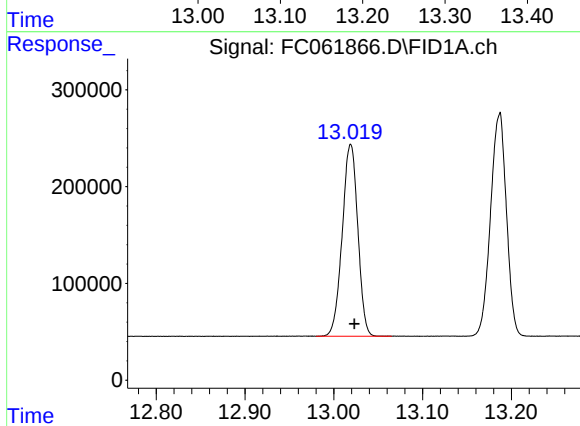
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.005 min
Response: 2901267
Conc: 20.56 ug/ml



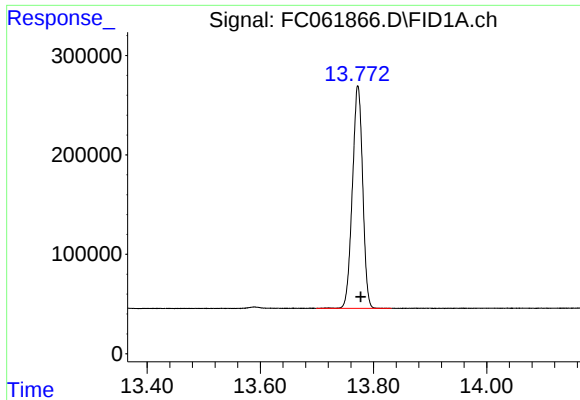
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.005 min
Response: 2863987
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: -0.005 min
Response: 2412943
Conc: 20.71 ug/ml



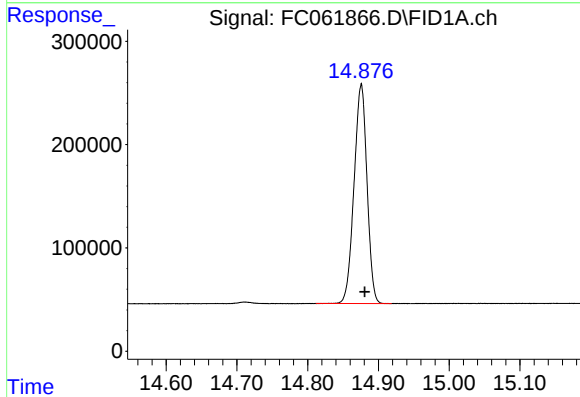
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.005 min
Response: 2826221
Conc: 20.62 ug/ml

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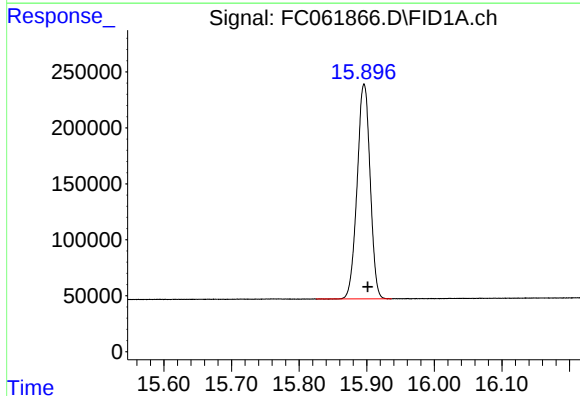
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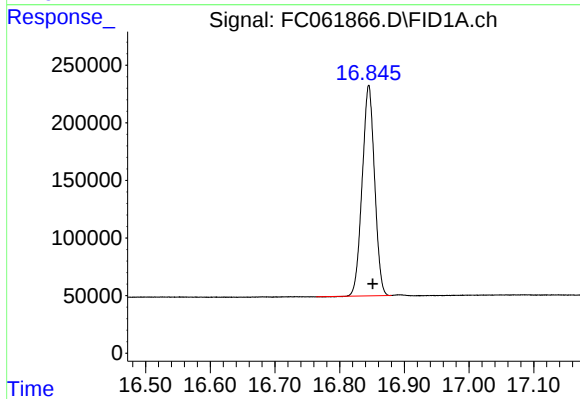
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 2702314
Conc: 20.45 ug/ml



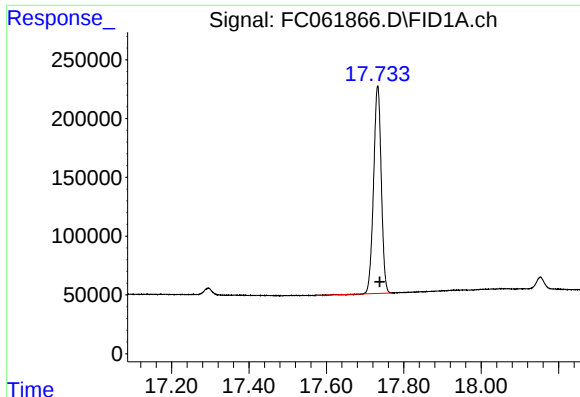
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.005 min
Response: 2567742
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: -0.006 min
Response: 2431835
Conc: 20.16 ug/ml



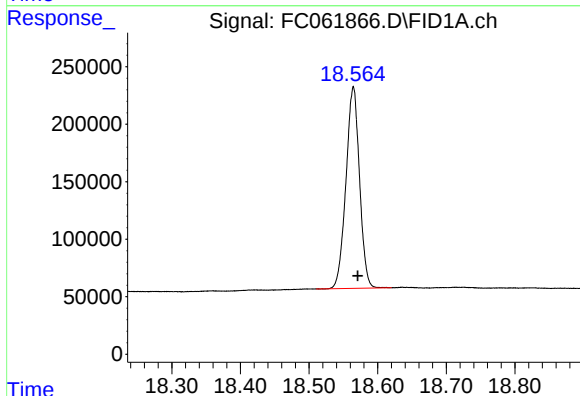
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 2420477
Conc: 20.34 ug/ml

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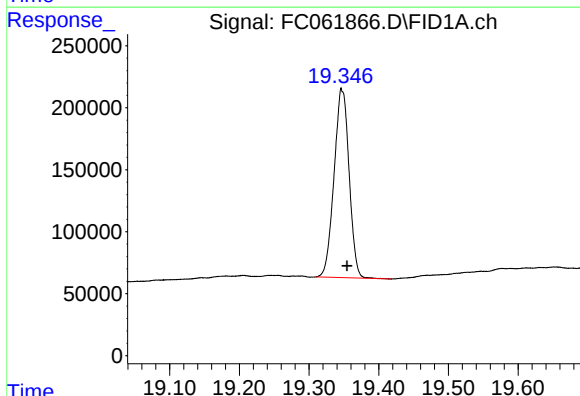
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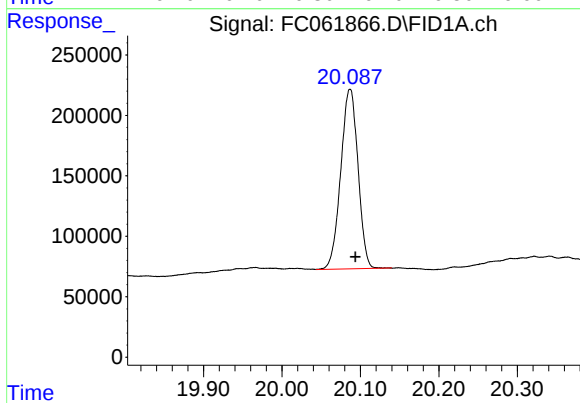
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 2404406
Conc: 20.41 ug/ml



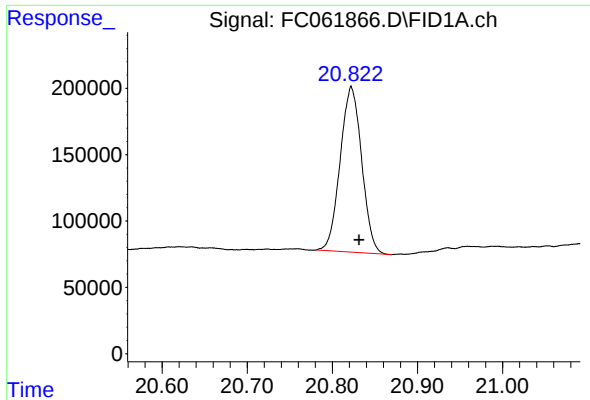
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.007 min
Response: 2280529
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.007 min
Response: 2270787
Conc: 20.02 ug/ml m



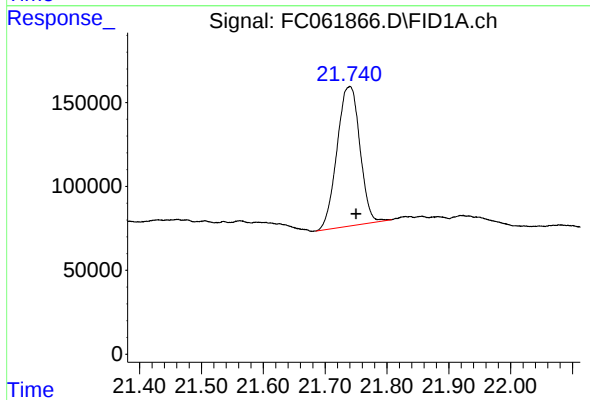
#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.009 min
Response: 2184797
Conc: 19.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.010 min
Response: 2137916
Conc: 19.04 ug/ml m