

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110222AL\
 Data File : FC062064.D
 Signal(s) : FID1A.ch
 Acq On : 02 Nov 2022 09:19
 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 11/03/2022
 Supervised By :Ankita Jodhani 11/03/2022

Integration File: autoint1.e
 Quant Time: Nov 03 06:17:10 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)	11.585	2618733	17.618 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
12) S 1-chlorooctadecane (S...	13.019	2048764	17.586 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
Target Compounds			
1) T n-Nonane (C9)	3.355	2449597	17.415 ug/ml
2) T n-Decane (C10)	4.421	2531310	17.733 ug/ml
3) T A~Naphthalene (C11.7)	6.005	2657050	17.214 ug/ml
4) T n-Dodecane (C12)	6.434	2571618	17.715 ug/ml
5) T A~2-methylnaphthalene...	7.060	2606141	17.180 ug/ml
6) T n-Tetradecane (C14)	8.228	2565922	17.652 ug/ml
7) T n-Hexadecane (C16)	9.827	2584276	17.746 ug/ml
8) T n-Octadecane (C18)	11.268	2574936	17.815 ug/ml
10) T n-Eicosane (C20)	12.575	2517753	17.839 ug/ml
11) T n-Heneicosane (C21)	13.187	2469722	17.799 ug/ml
13) T n-Docosane (C22)	13.771	2462088	17.960 ug/mlm
14) T n-Tetracosane (C24)	14.872	2389416	18.084 ug/ml
15) T n-Hexacosane (C26)	15.892	2375584	18.853 ug/ml
16) T n-Octacosane (C28)	16.841	2428295	20.134 ug/ml
17) T n-Tricontane (C30)	17.728	2678113	22.508 ug/ml
18) T n-Dotriacontane (C32)	18.561	2763479	23.455 ug/ml
19) T n-Tetratriacontane (C34)	19.343	2551506	22.585 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2388989	21.065 ug/ml
21) T n-Octatriacontane (C38)	20.817	2363878	21.009 ug/ml
22) T n-Tetracontane (C40)	21.728	2046155	18.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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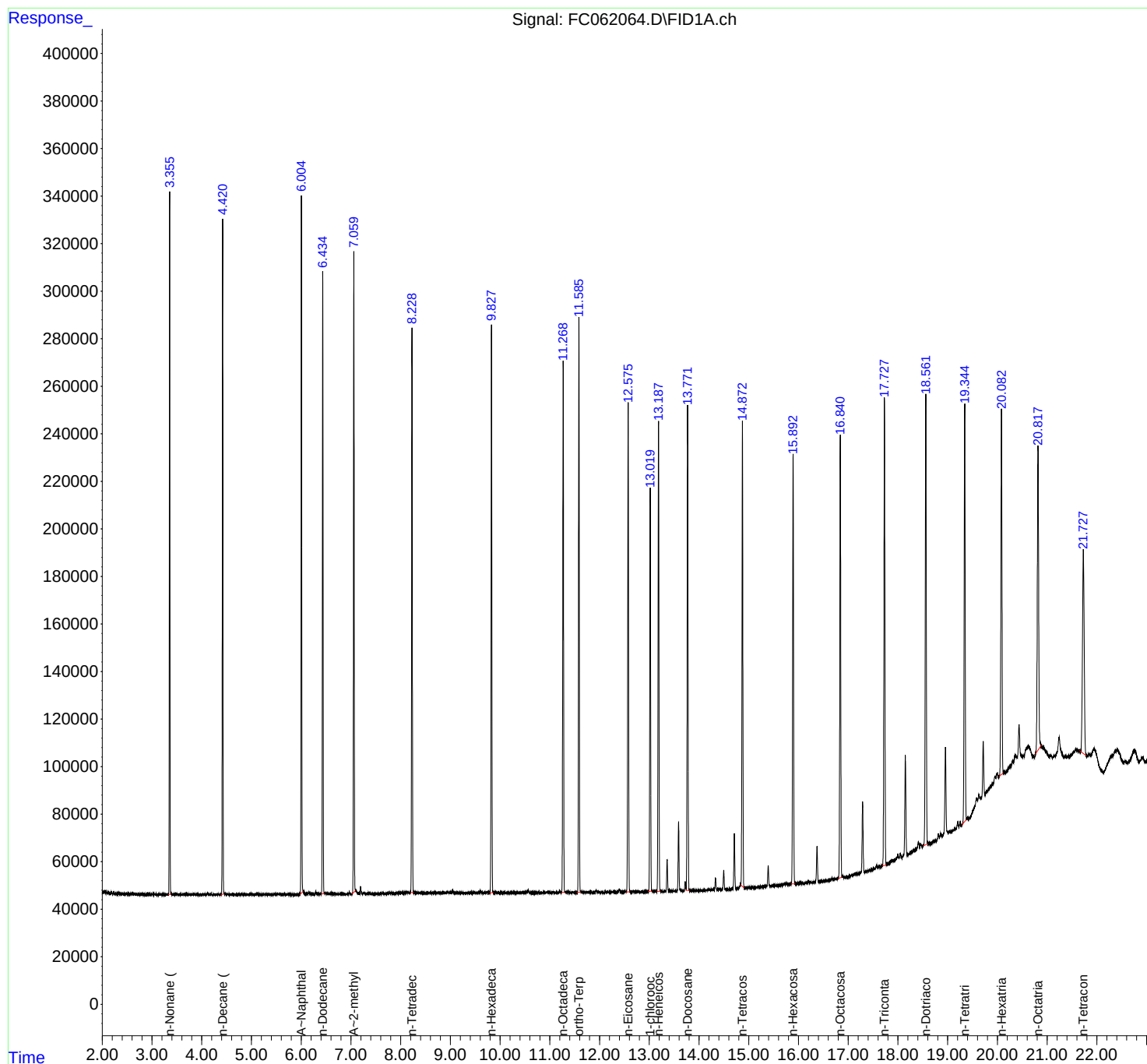
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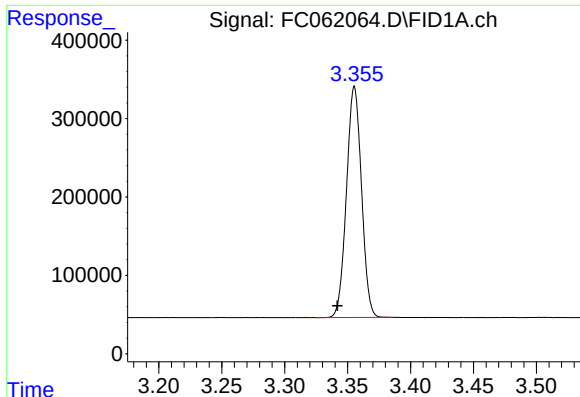
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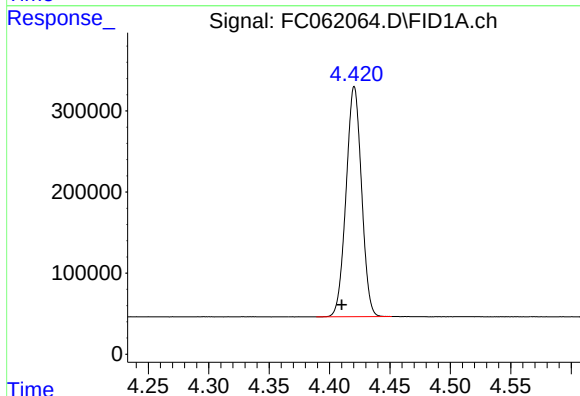
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.013 min
Response: 2449597
Conc: 17.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

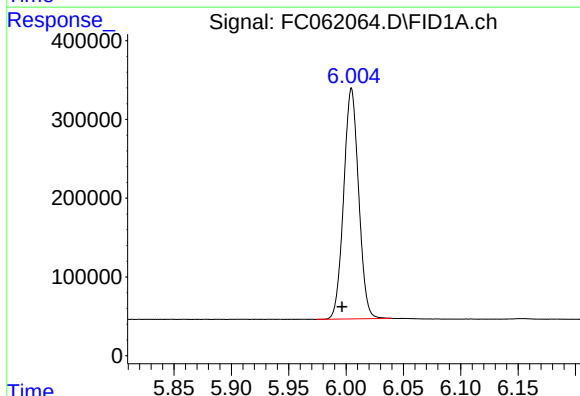
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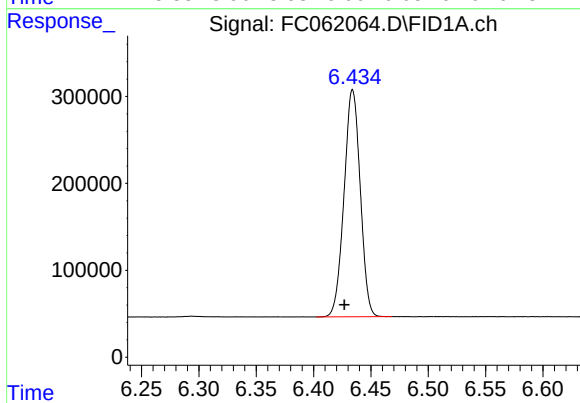
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.010 min
Response: 2531310
Conc: 17.73 ug/ml



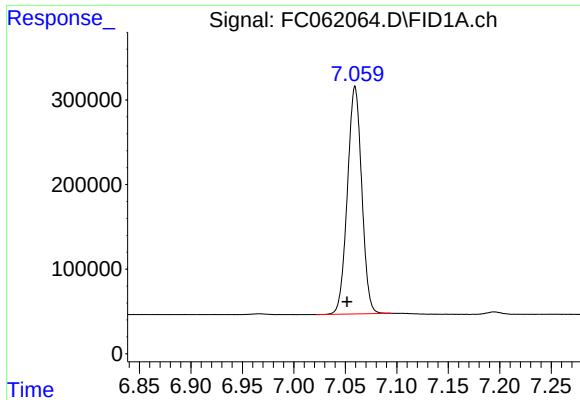
#3 A~Naphthalene (C11.7)

R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 2657050
Conc: 17.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: 0.007 min
Response: 2571618
Conc: 17.71 ug/ml



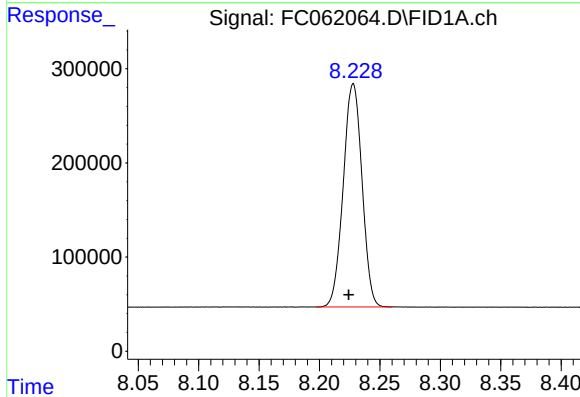
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: 0.008 min
Response: 2606141
Conc: 17.18 ug/ml

Instrument :
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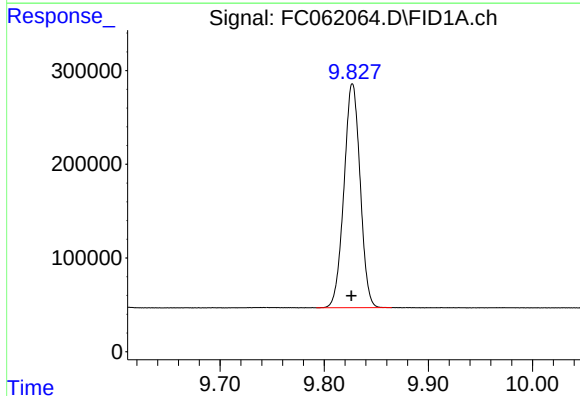
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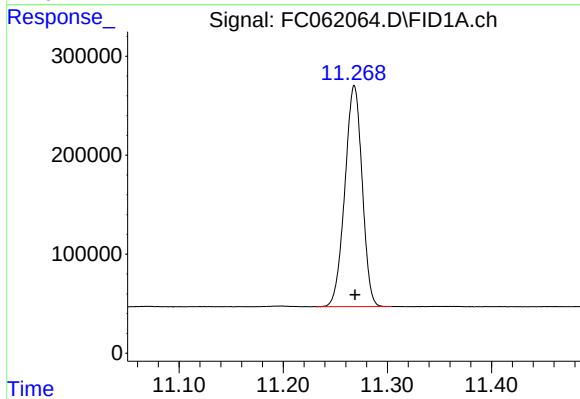
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.004 min
Response: 2565922
Conc: 17.65 ug/ml



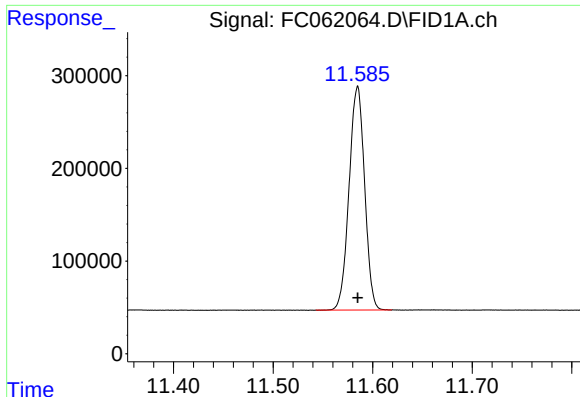
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.001 min
Response: 2584276
Conc: 17.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.268 min
Delta R.T.: 0.000 min
Response: 2574936
Conc: 17.81 ug/ml



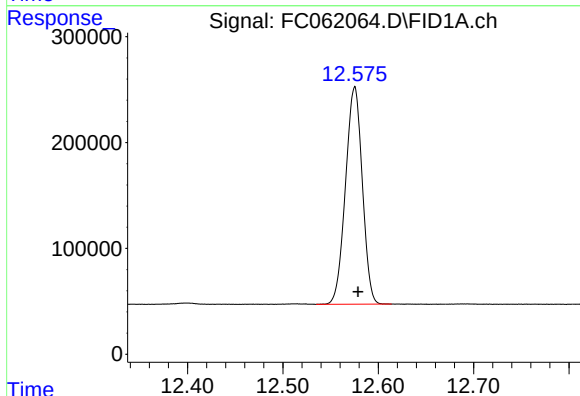
#9 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: 0.000 min
Response: 2618733
Conc: 17.62 ug/ml

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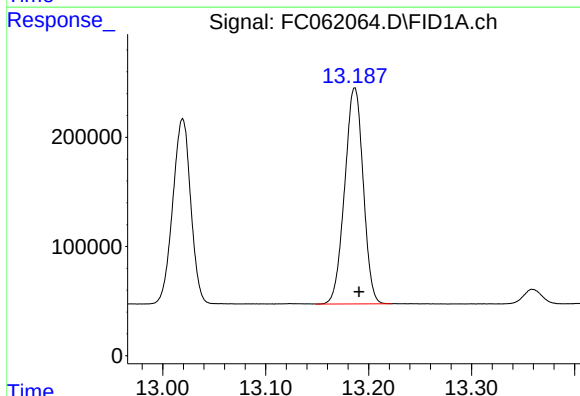
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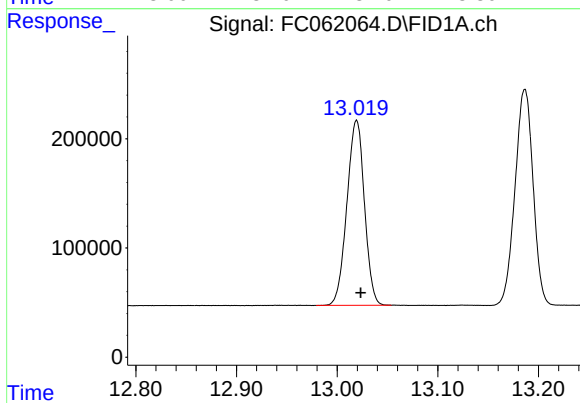
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 2517753
Conc: 17.84 ug/ml



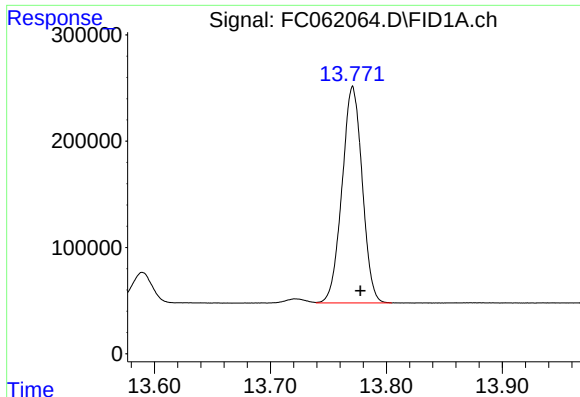
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.004 min
Response: 2469722
Conc: 17.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: -0.004 min
Response: 2048764
Conc: 17.59 ug/ml



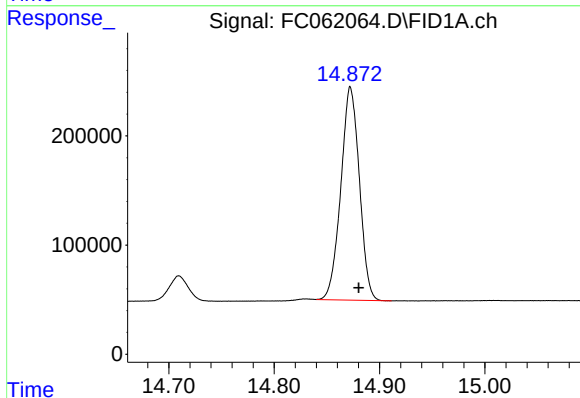
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: -0.007 min
Response: 2462088
Conc: 17.96 ug/ml

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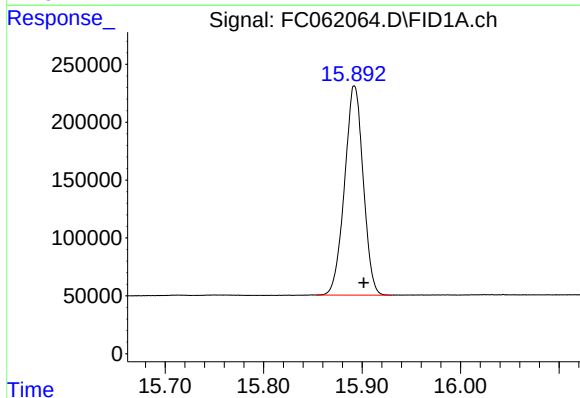
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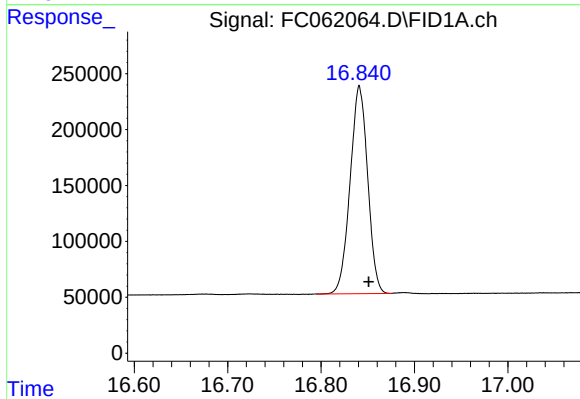
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.008 min
Response: 2389416
Conc: 18.08 ug/ml



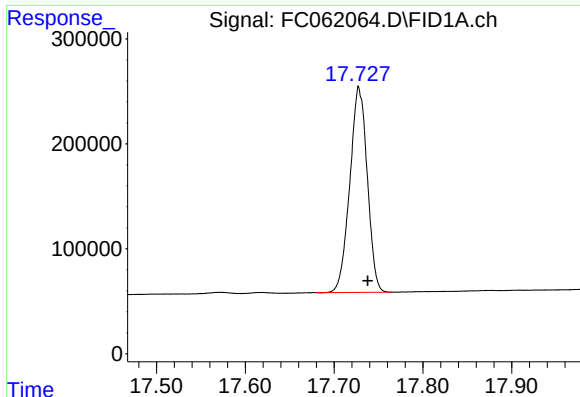
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: -0.009 min
Response: 2375584
Conc: 18.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: -0.010 min
Response: 2428295
Conc: 20.13 ug/ml



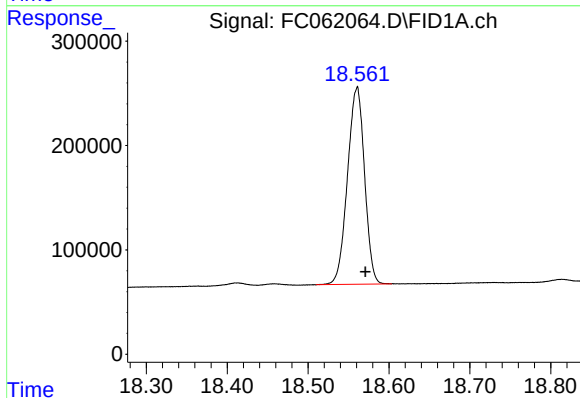
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: -0.010 min
Response: 2678113
Conc: 22.51 ug/ml

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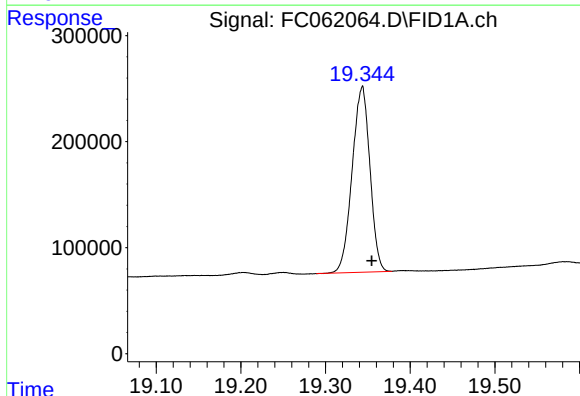
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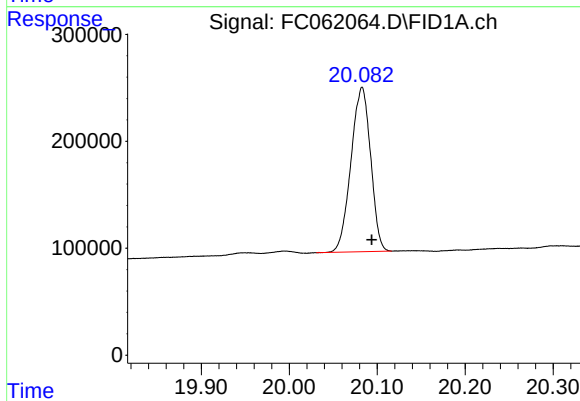
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.010 min
Response: 2763479
Conc: 23.45 ug/ml



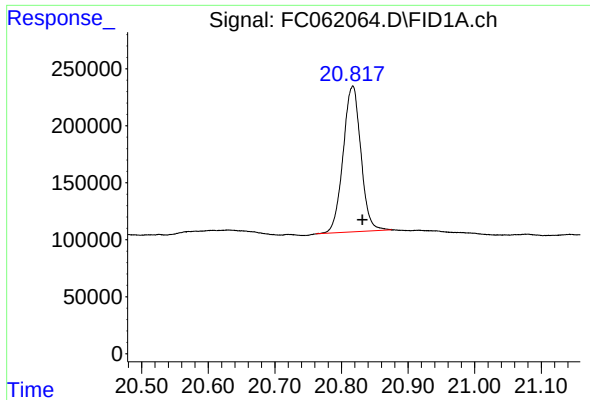
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.011 min
Response: 2551506
Conc: 22.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: -0.011 min
Response: 2388989
Conc: 21.07 ug/ml



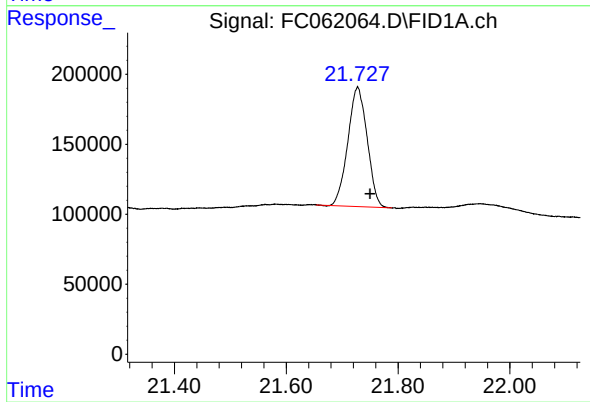
#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.014 min
Response: 2363878
Conc: 21.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: -0.022 min
Response: 2046155
Conc: 18.23 ug/ml