

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092822AL\
 Data File : FC061653.D
 Signal(s) : FID1A.ch
 Acq On : 28 Sep 2022 16:18
 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 09/29/2022
 Supervised By :Ankita Jodhani 09/29/2022

Integration File: sample.E
 Quant Time: Sep 29 04:06:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.573	3057730	17.892 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
12) S 1-chlorooctadecane (S...	13.011	2376340	17.395 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
Target Compounds			
1) T n-Nonane (C9)	3.321	2751700	18.434 ug/ml
2) T n-Decane (C10)	4.392	2826874	18.741 ug/ml
3) T A~Naphthalene (C11.7)	5.979	3105373	18.726 ug/ml
4) T n-Dodecane (C12)	6.413	2852190	18.757 ug/ml
5) T A~2-methylnaphthalene...	7.036	3090515	18.788 ug/ml
6) T n-Tetradecane (C14)	8.212	2859145	18.753 ug/ml
7) T n-Hexadecane (C16)	9.814	2862473	18.512 ug/ml
8) T n-Octadecane (C18)	11.257	2860115	18.143 ug/ml
10) T n-Eicosane (C20)	12.567	2816032	17.671 ug/ml
11) T n-Heneicosane (C21)	13.180	2793598	17.412 ug/ml
13) T n-Docosane (C22)	13.766	2802998	17.447 ug/mlm
14) T n-Tetracosane (C24)	14.869	2675074	16.699 ug/ml
15) T n-Hexacosane (C26)	15.890	2576516	16.253 ug/ml
16) T n-Octacosane (C28)	16.841	2491650	16.075 ug/ml
17) T n-Tricontane (C30)	17.728	2549284	16.566 ug/ml
18) T n-Dotriacontane (C32)	18.560	2557322	16.913 ug/ml
19) T n-Tetratriacontane (C34)	19.343	2376778	16.763 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2307960	16.717 ug/ml
21) T n-Octatriacontane (C38)	20.818	2228662	17.209 ug/ml
22) T n-Tetracontane (C40)	21.729	2183539	17.868 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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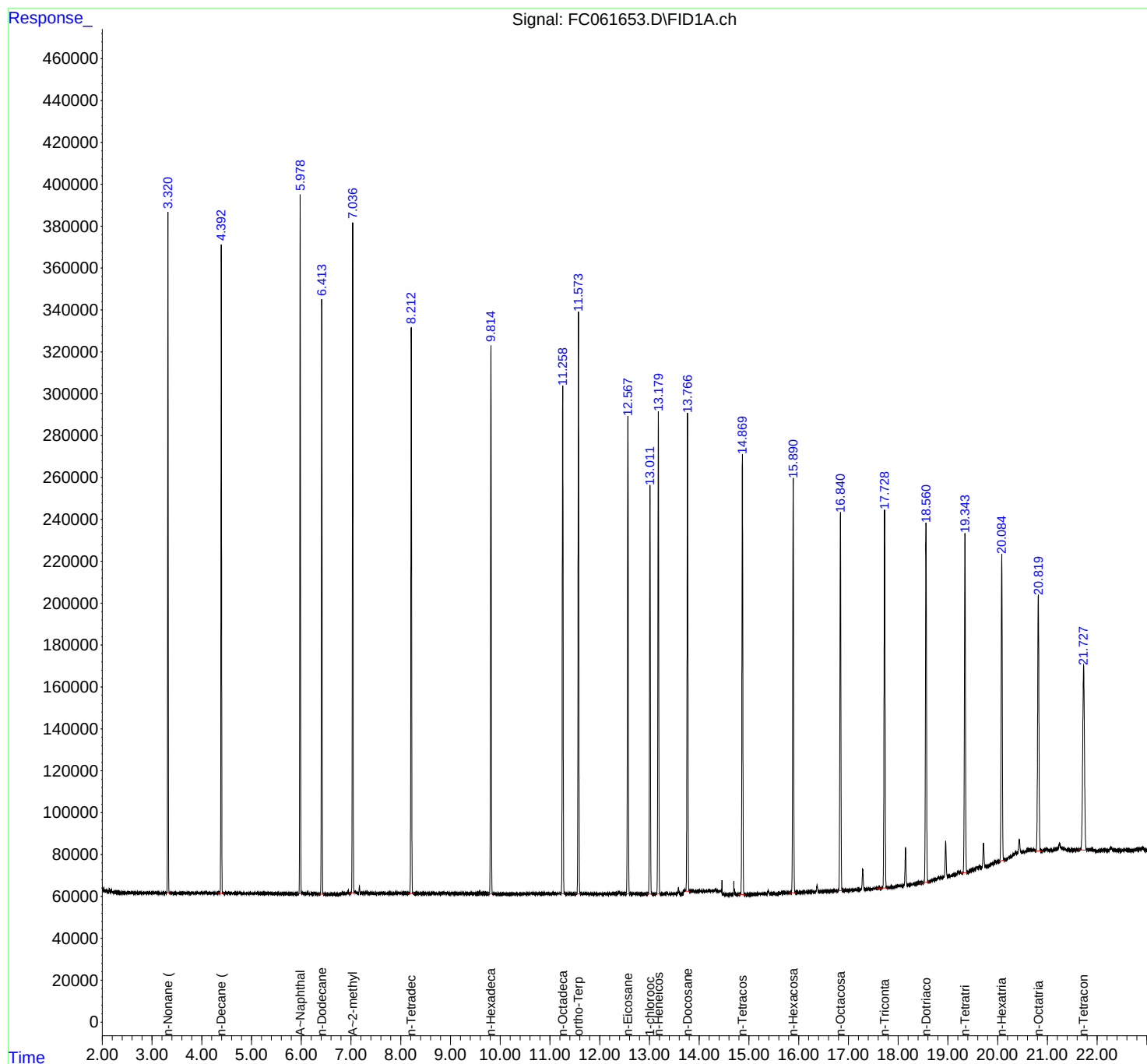
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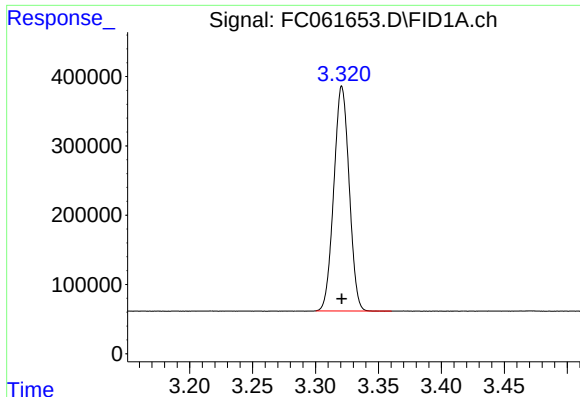
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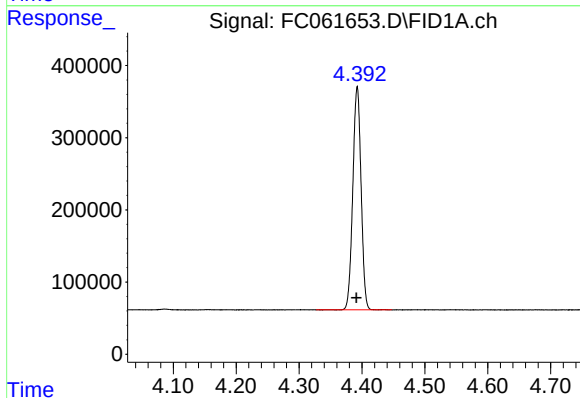
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 2751700
Conc: 18.43 ug/ml

Instrument :
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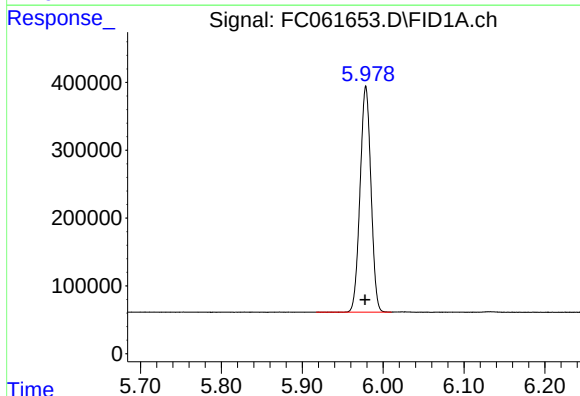
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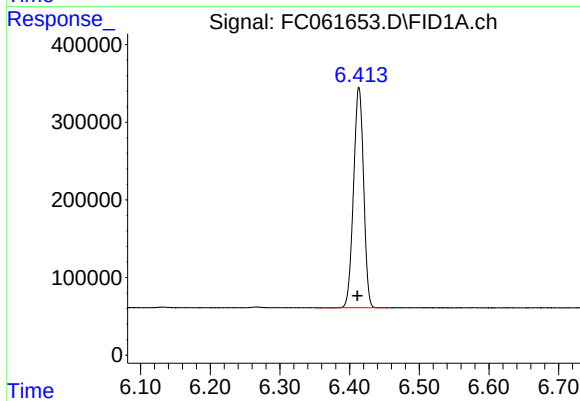
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: 0.001 min
Response: 2826874
Conc: 18.74 ug/ml



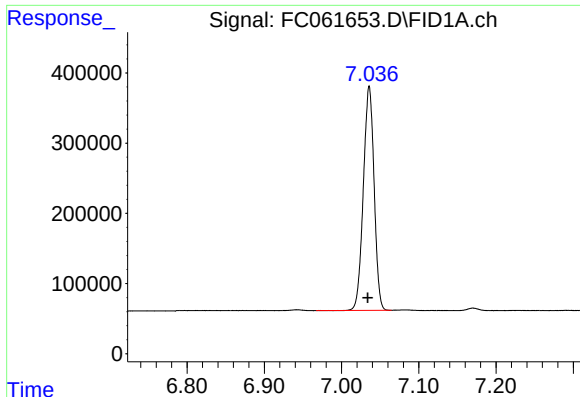
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 3105373
Conc: 18.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: 0.002 min
Response: 2852190
Conc: 18.76 ug/ml



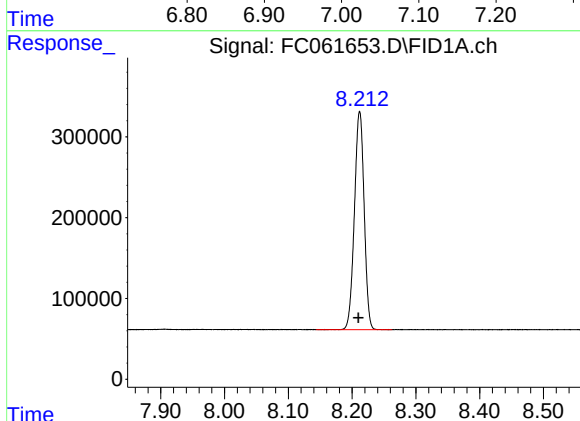
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: 0.002 min
Response: 3090515
Conc: 18.79 ug/ml

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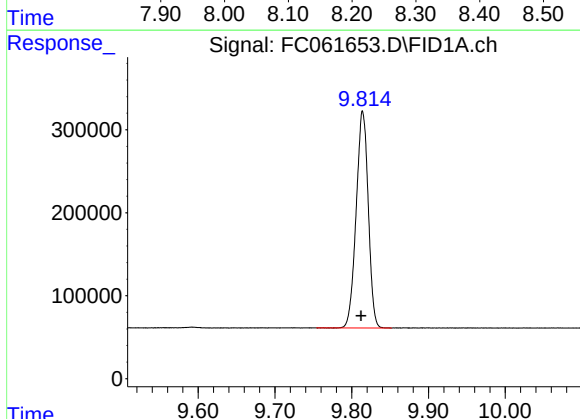
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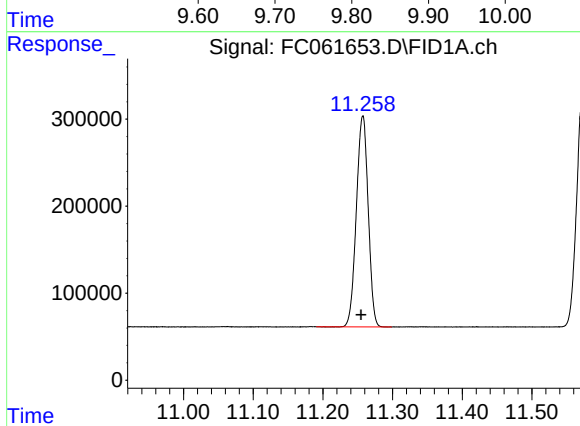
#6 n-Tetradecane (C14)

R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 2859145
Conc: 18.75 ug/ml



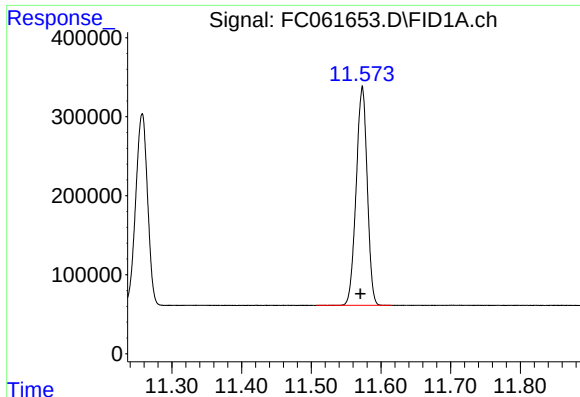
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.002 min
Response: 2862473
Conc: 18.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: 0.002 min
Response: 2860115
Conc: 18.14 ug/ml



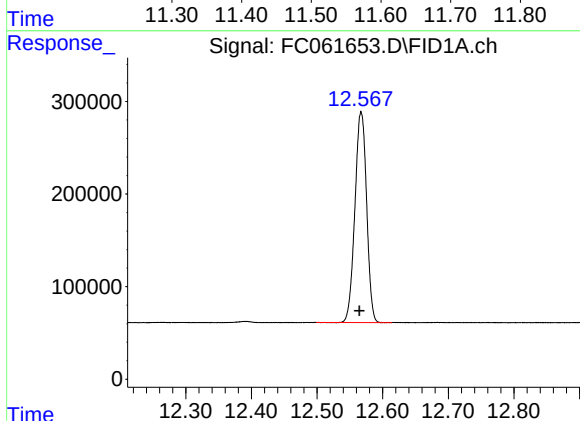
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.003 min
Response: 3057730
Conc: 17.89 ug/ml

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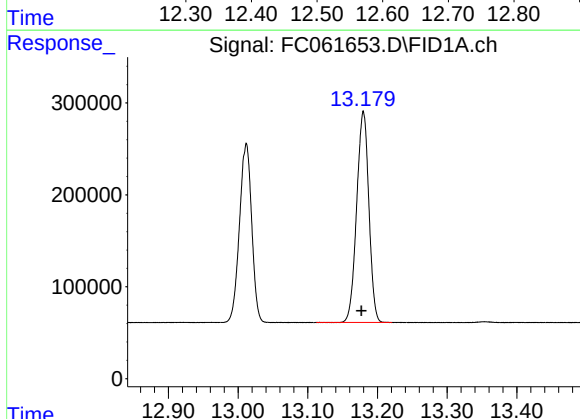
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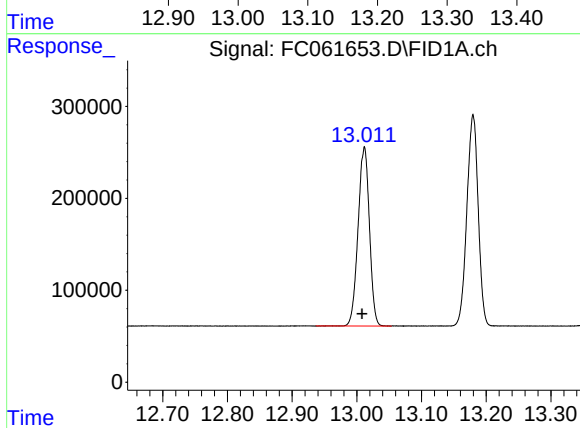
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: 0.003 min
Response: 2816032
Conc: 17.67 ug/ml



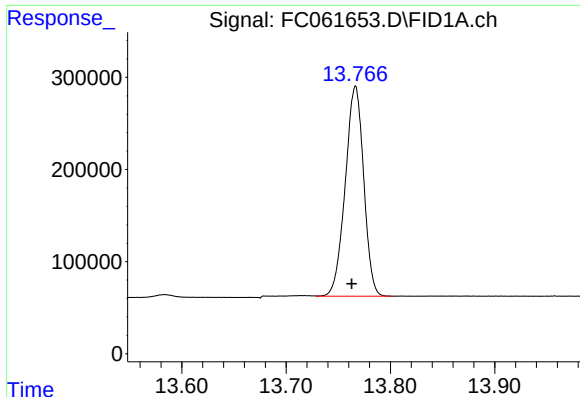
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.003 min
Response: 2793598
Conc: 17.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: 0.003 min
Response: 2376340
Conc: 17.40 ug/ml



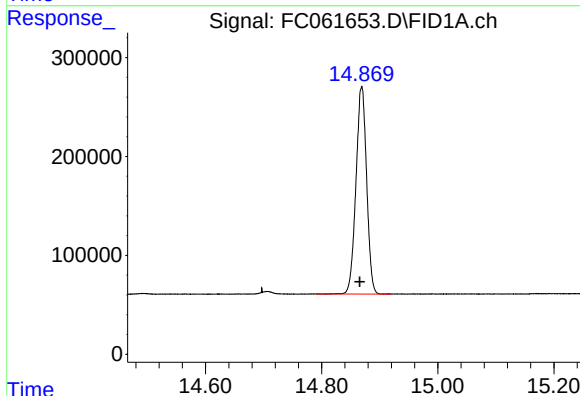
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: 0.003 min
Response: 2802998
Conc: 17.45 ug/ml

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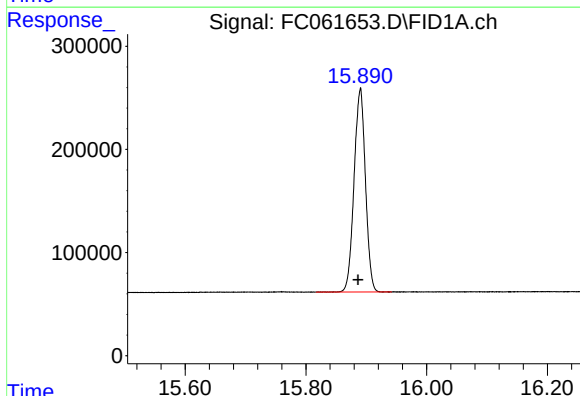
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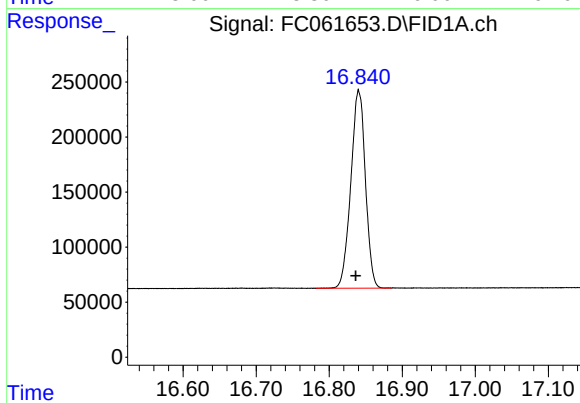
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.003 min
Response: 2675074
Conc: 16.70 ug/ml



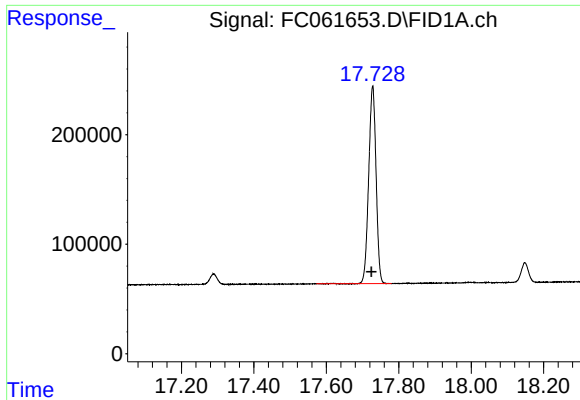
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.003 min
Response: 2576516
Conc: 16.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.004 min
Response: 2491650
Conc: 16.08 ug/ml



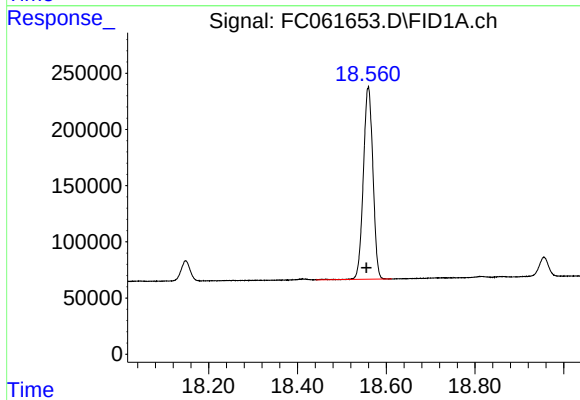
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.004 min
Response: 2549284
Conc: 16.57 ug/ml

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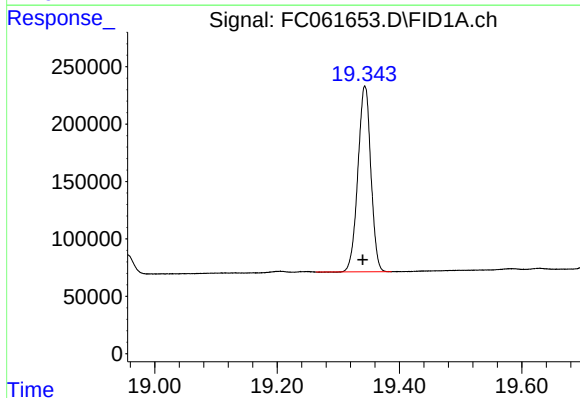
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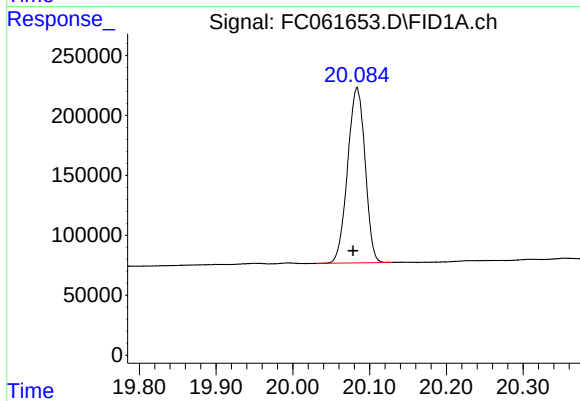
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: 0.004 min
Response: 2557322
Conc: 16.91 ug/ml



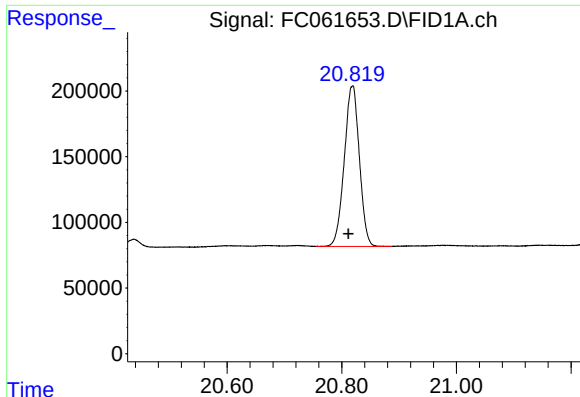
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: 0.004 min
Response: 2376778
Conc: 16.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: 0.005 min
Response: 2307960
Conc: 16.72 ug/ml



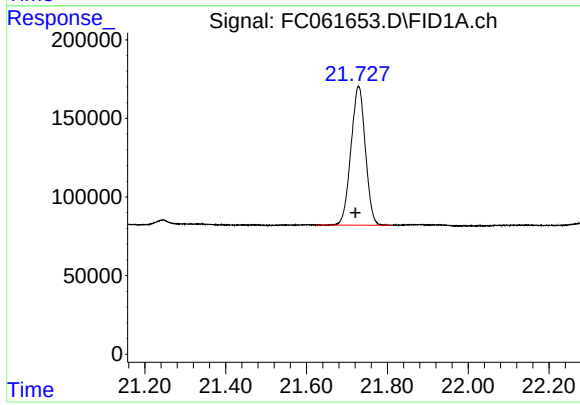
#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: 0.007 min
Response: 2228662
Conc: 17.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: 0.008 min
Response: 2183539
Conc: 17.87 ug/ml