

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090822AL\
 Data File : FC061459.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2022 10:48
 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 09/08/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: autoint1.e
 Quant Time: Sep 08 13:24:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 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)	11.576	3010980	17.008 ug/ml
Spiked Amount 50.000		Recovery =	34.02%
12) S 1-chlorooctadecane (S...	13.013	2375067	16.959 ug/ml
Spiked Amount 50.000		Recovery =	33.92%
Target Compounds			
1) T n-Nonane (C9)	3.333	2702148	17.873 ug/ml
2) T n-Decane (C10)	4.402	2803126	18.473 ug/ml
3) T A~Naphthalene (C11.7)	5.987	3163906	18.278 ug/ml
4) T n-Dodecane (C12)	6.420	2832055	18.286 ug/ml
5) T A~2-methylnaphthalene...	7.043	3177420	18.045 ug/ml
6) T n-Tetradecane (C14)	8.217	2823709	18.053 ug/ml
7) T n-Hexadecane (C16)	9.819	2803722	17.900 ug/ml
8) T n-Octadecane (C18)	11.261	2792563	17.701 ug/ml
10) T n-Eicosane (C20)	12.570	2703850	17.393 ug/ml
11) T n-Heneicosane (C21)	13.181	2663647	17.029 ug/ml
13) T n-Docosane (C22)	13.768	2643036	17.032 ug/ml
14) T n-Tetracosane (C24)	14.870	2642583	17.082 ug/ml
15) T n-Hexacosane (C26)	15.891	2561841	17.022 ug/ml
16) T n-Octacosane (C28)	16.840	2596059	17.576 ug/ml
17) T n-Tricontane (C30)	17.726	2680108	19.404 ug/ml
18) T n-Dotriacontane (C32)	18.558	2350892	21.418 ug/ml
19) T n-Tetratriacontane (C34)	19.339	1776867	23.020 ug/mlm
20) T n-Hexatriacontane (C36)	20.080	1342974	23.787 ug/mlm
21) T n-Octatriacontane (C38)	20.811	1098617	23.681 ug/ml
22) T n-Tetracontane (C40)	21.723	981488	23.400 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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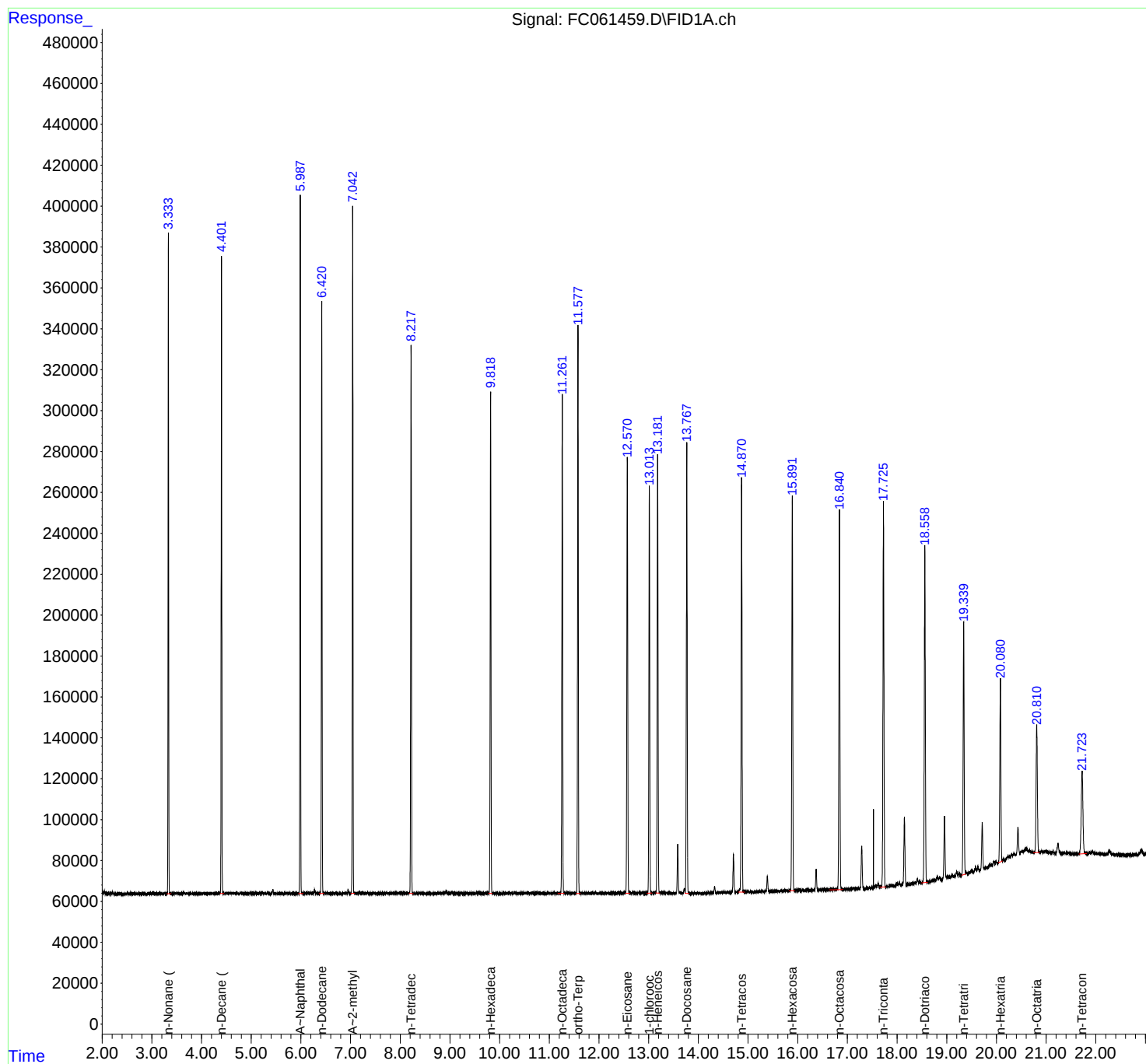
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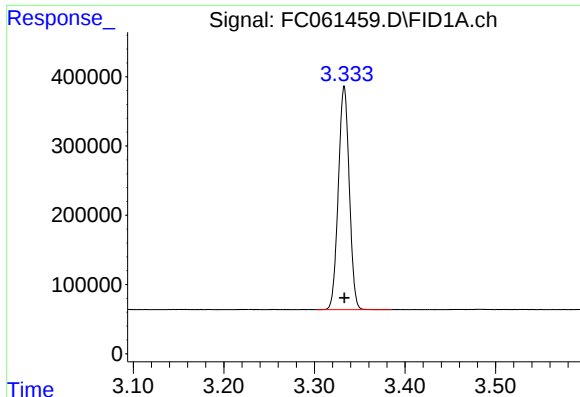
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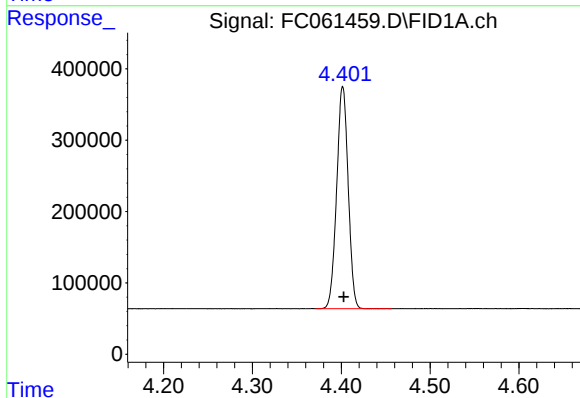
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 2702148
Conc: 17.87 ug/ml

Instrument : FID_C
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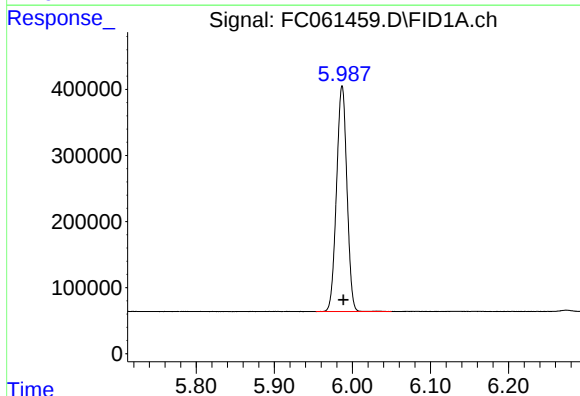
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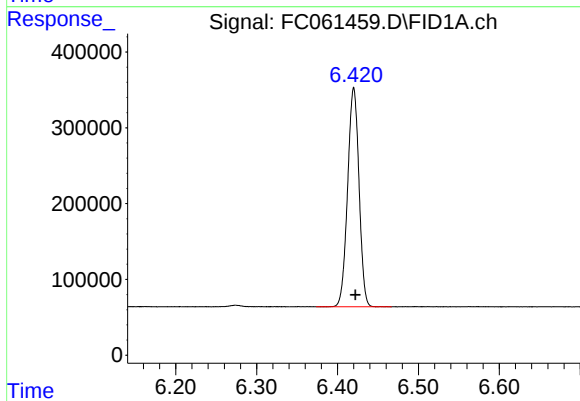
#2 n-Decane (C10)

R.T.: 4.402 min
Delta R.T.: -0.001 min
Response: 2803126
Conc: 18.47 ug/ml



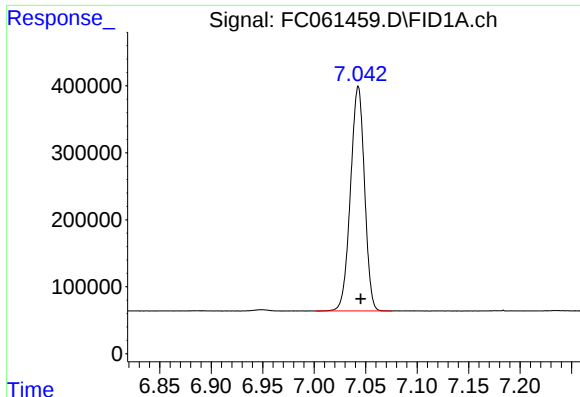
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 3163906
Conc: 18.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: -0.002 min
Response: 2832055
Conc: 18.29 ug/ml



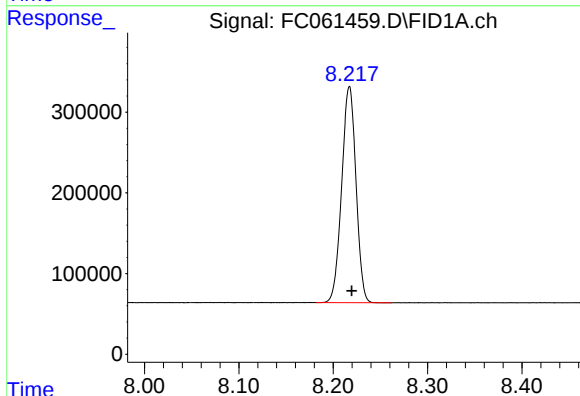
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 3177420
Conc: 18.04 ug/ml

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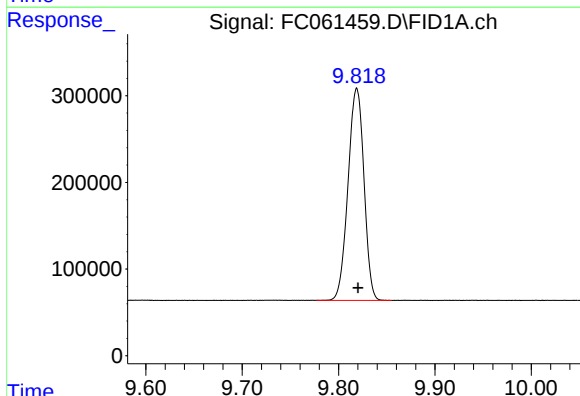
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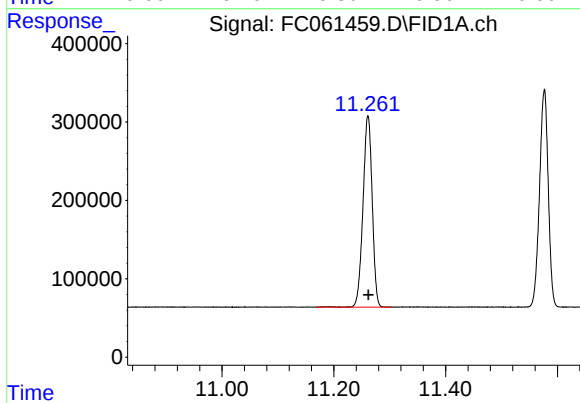
#6 n-Tetradecane (C14)

R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 2823709
Conc: 18.05 ug/ml



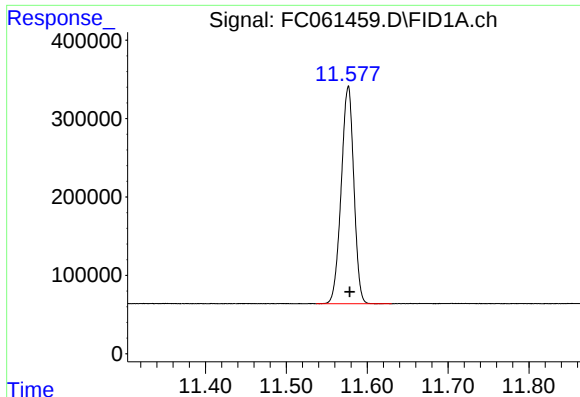
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.001 min
Response: 2803722
Conc: 17.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.261 min
Delta R.T.: 0.000 min
Response: 2792563
Conc: 17.70 ug/ml



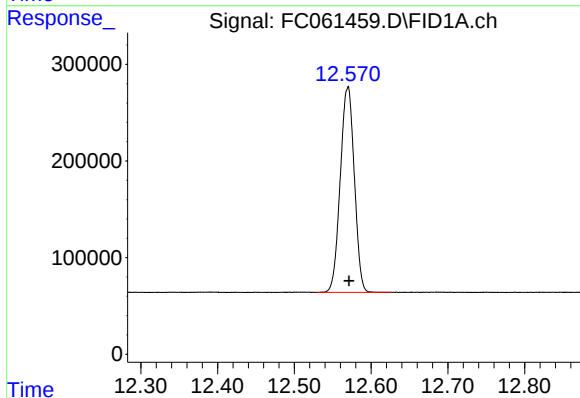
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.002 min
Response: 3010980
Conc: 17.01 ug/ml

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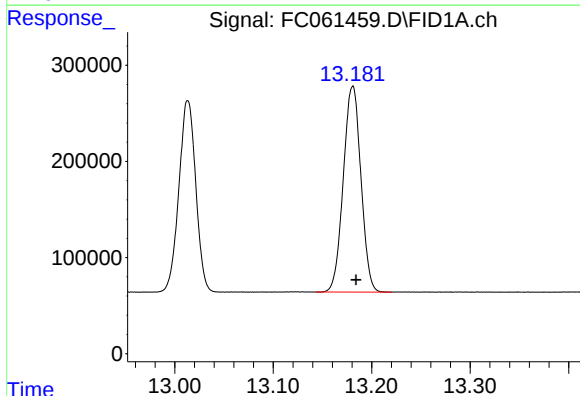
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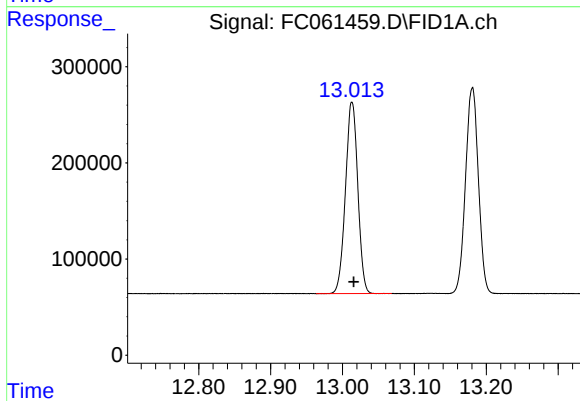
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2703850
Conc: 17.39 ug/ml



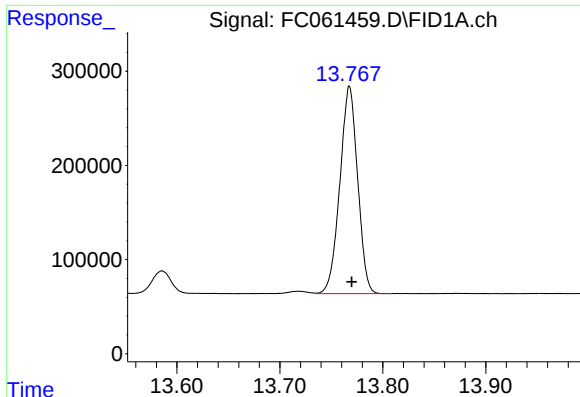
#11 n-Heneicosane (C21)

R.T.: 13.181 min
Delta R.T.: -0.003 min
Response: 2663647
Conc: 17.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.002 min
Response: 2375067
Conc: 16.96 ug/ml



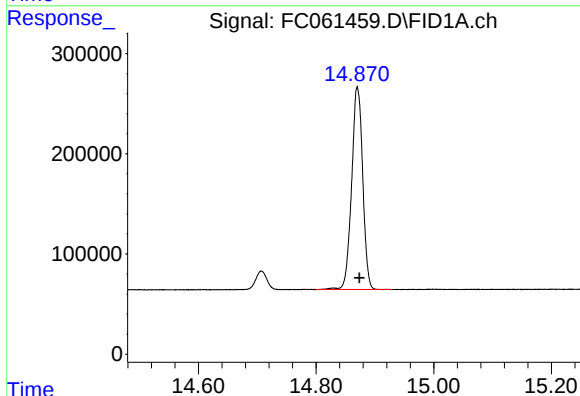
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.002 min
Response: 2643036
Conc: 17.03 ug/ml

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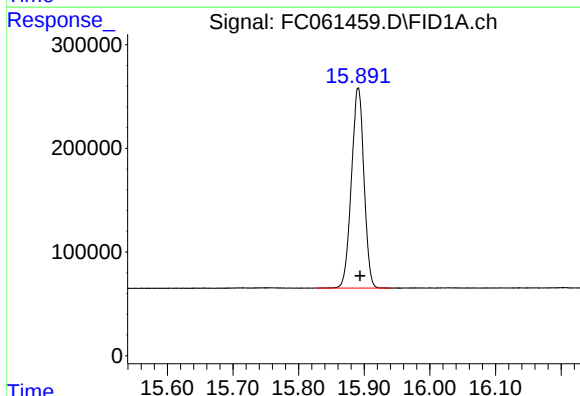
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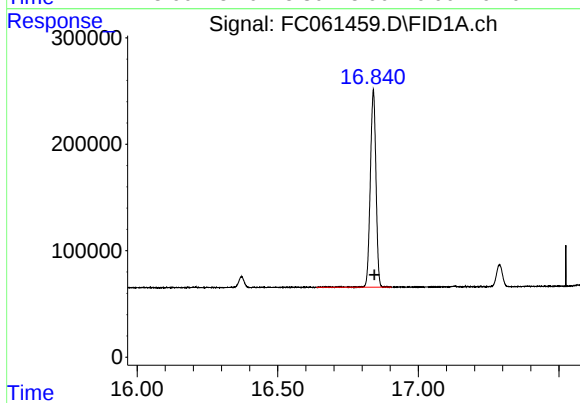
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.003 min
Response: 2642583
Conc: 17.08 ug/ml



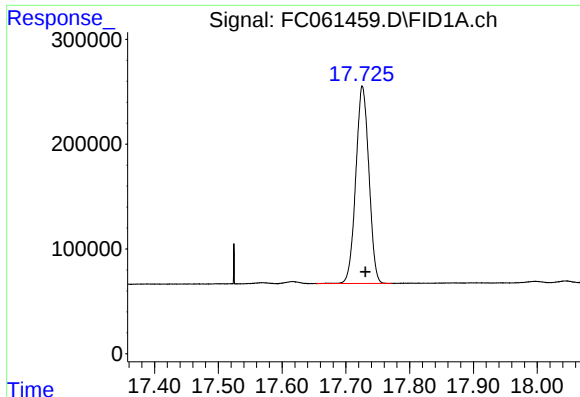
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.003 min
Response: 2561841
Conc: 17.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.840 min
Delta R.T.: -0.004 min
Response: 2596059
Conc: 17.58 ug/ml



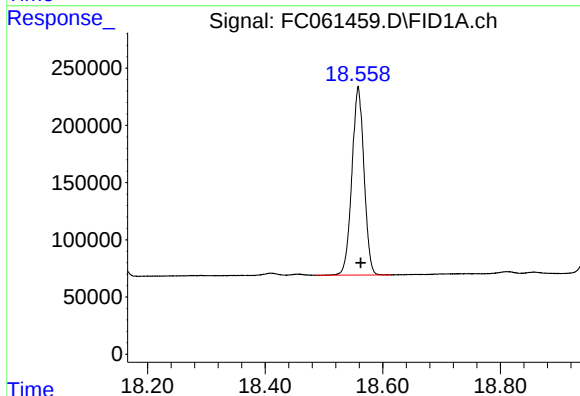
#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.004 min
Response: 2680108
Conc: 19.40 ug/ml

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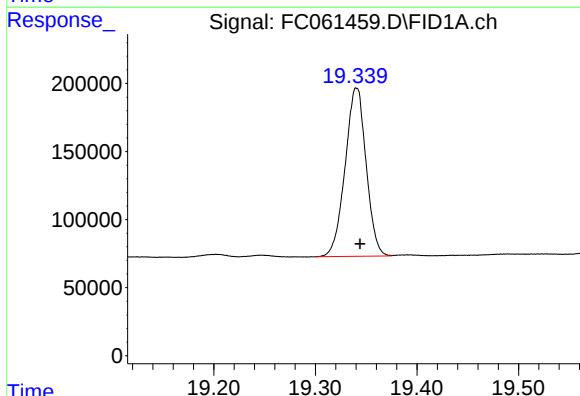
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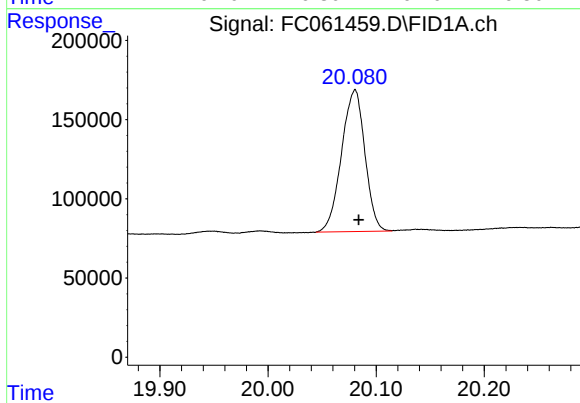
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.004 min
Response: 2350892
Conc: 21.42 ug/ml



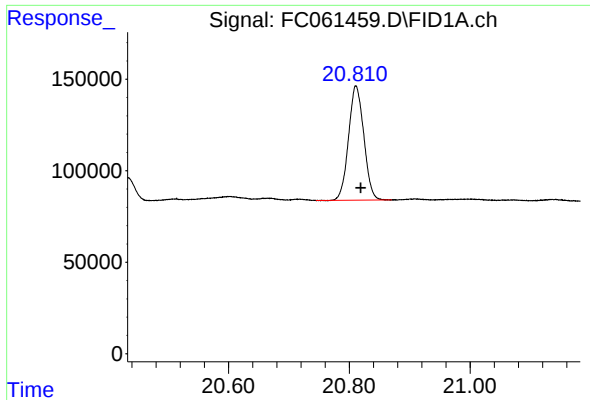
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.005 min
Response: 1776867
Conc: 23.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.004 min
Response: 1342974
Conc: 23.79 ug/ml m



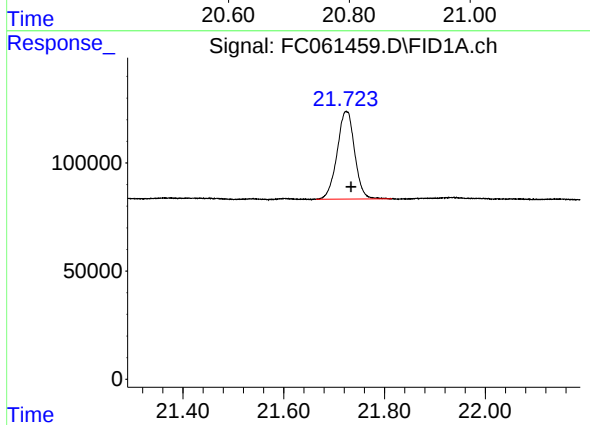
#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.008 min
Response: 1098617
Conc: 23.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.010 min
Response: 981488
Conc: 23.40 ug/ml m