

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111022AL\
 Data File : FC062137.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2022 09:51
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 04:41:24 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)	11.597	2341295	15.751 ug/ml
Spiked Amount 50.000		Recovery =	31.50%
12) S 1-chlorooctadecane (S...	13.033	1817960	15.605 ug/ml
Spiked Amount 50.000		Recovery =	31.21%
Target Compounds			
1) T n-Nonane (C9)	3.351	2374733	16.883 ug/ml
2) T n-Decane (C10)	4.419	2479435	17.369 ug/ml
3) T A~Naphthalene (C11.7)	6.010	2497295	16.179 ug/ml
4) T n-Dodecane (C12)	6.442	2468043	17.001 ug/ml
5) T A~2-methylnaphthalene...	7.068	2424640	15.983 ug/ml
6) T n-Tetradecane (C14)	8.239	2398848	16.503 ug/ml
7) T n-Hexadecane (C16)	9.840	2351768	16.149 ug/ml
8) T n-Octadecane (C18)	11.281	2298097	15.899 ug/ml
10) T n-Eicosane (C20)	12.590	2218840	15.721 ug/ml
11) T n-Heneicosane (C21)	13.201	2167095	15.618 ug/ml
13) T n-Docosane (C22)	13.785	2154758	15.718 ug/mlm
14) T n-Tetracosane (C24)	14.887	2113277	15.994 ug/ml
15) T n-Hexacosane (C26)	15.907	2129122	16.897 ug/ml
16) T n-Octacosane (C28)	16.855	2243117	18.599 ug/ml
17) T n-Tricontane (C30)	17.740	2600087	21.853 ug/ml
18) T n-Dotriacontane (C32)	18.569	2754072	23.375 ug/ml
19) T n-Tetratriacontane (C34)	19.351	2532146	22.414 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2340670	20.639 ug/ml
21) T n-Octatriacontane (C38)	20.825	2105720	18.714 ug/ml
22) T n-Tetracontane (C40)	21.743	2101712	18.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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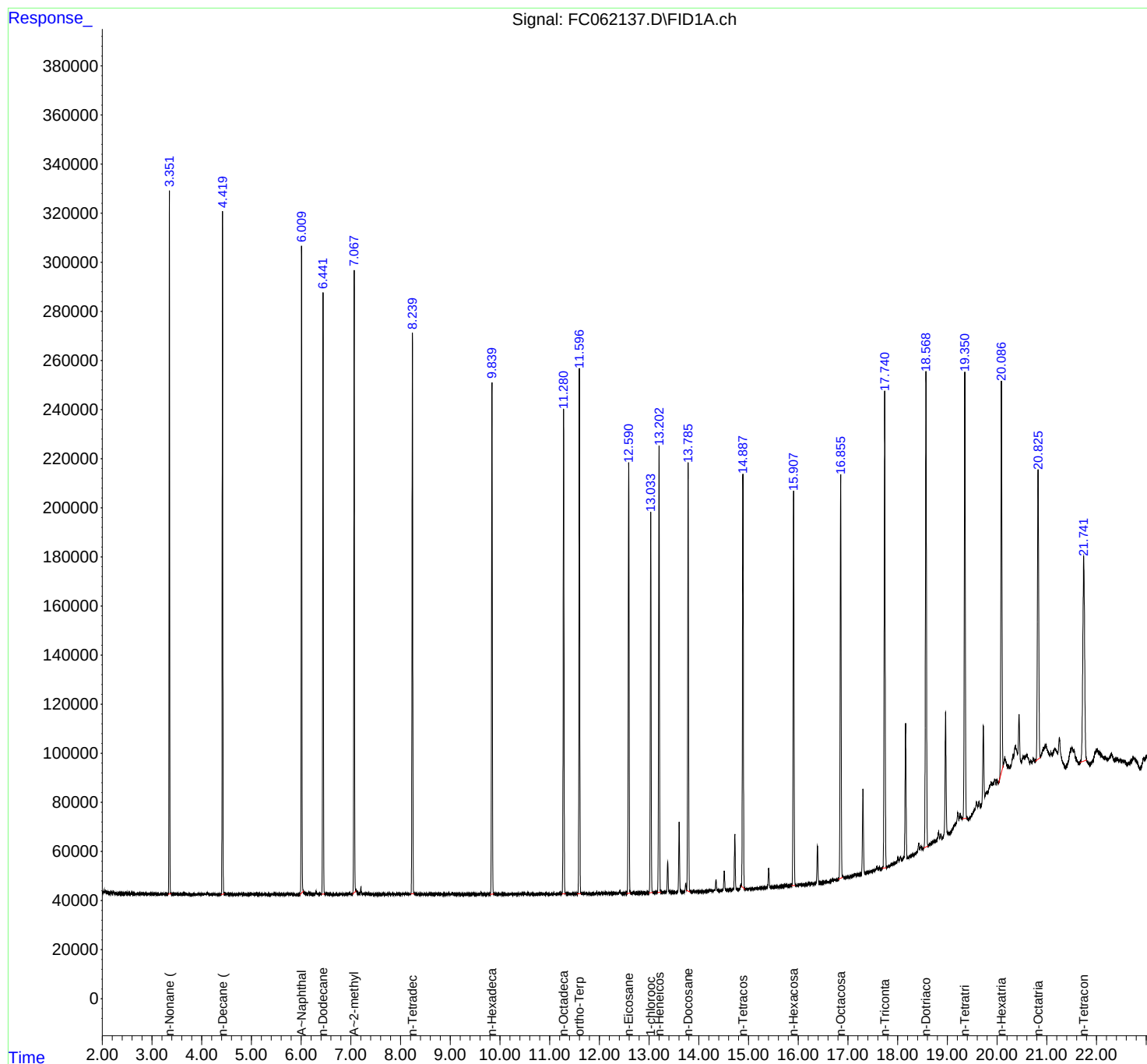
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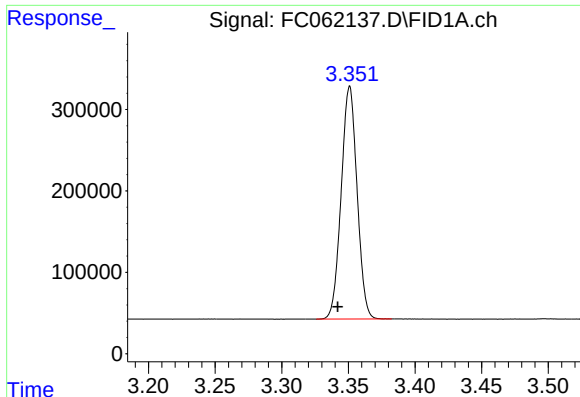
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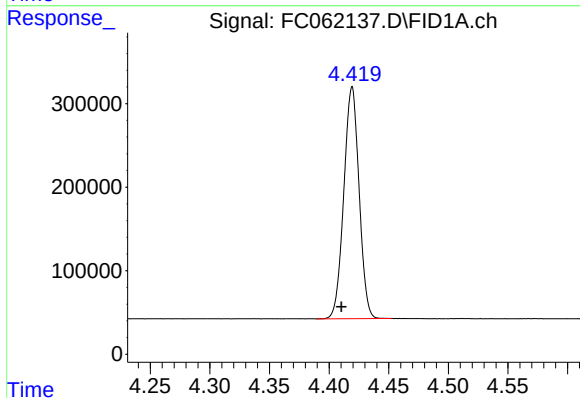
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: 0.009 min
Response: 2374733
Conc: 16.88 ug/ml

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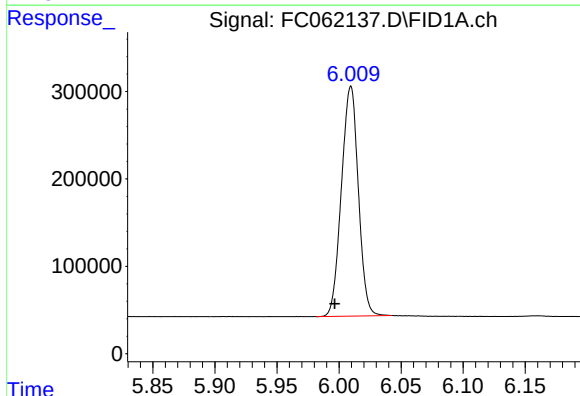
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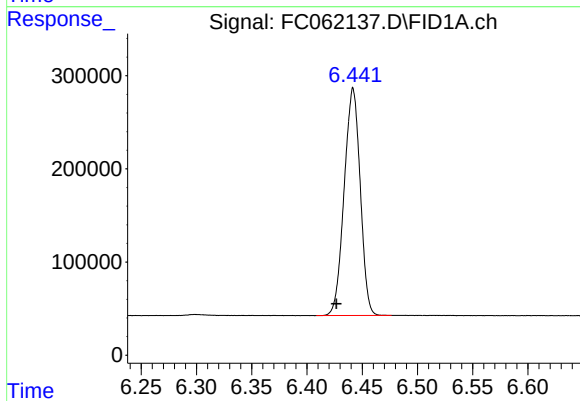
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: 0.009 min
Response: 2479435
Conc: 17.37 ug/ml



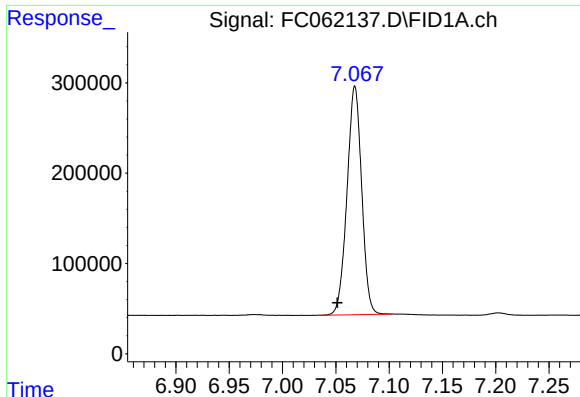
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.013 min
Response: 2497295
Conc: 16.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: 0.015 min
Response: 2468043
Conc: 17.00 ug/ml



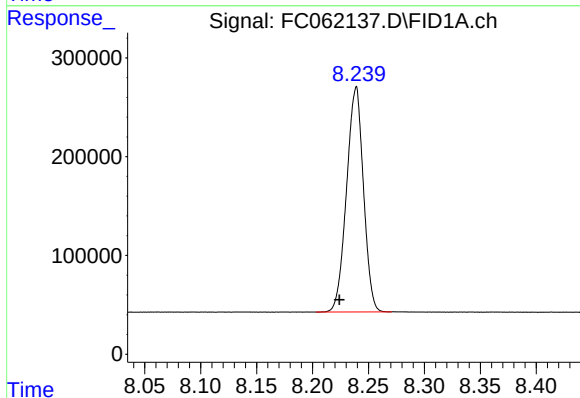
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: 0.016 min
Response: 2424640
Conc: 15.98 ug/ml

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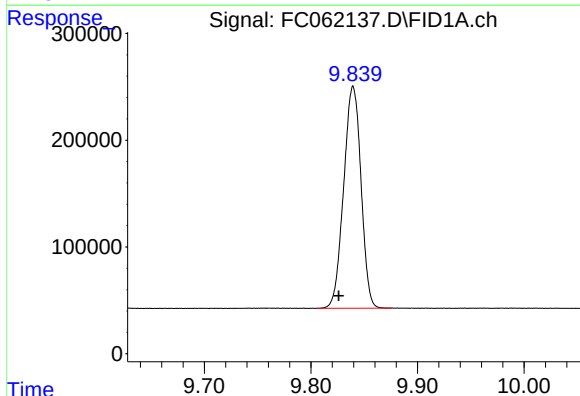
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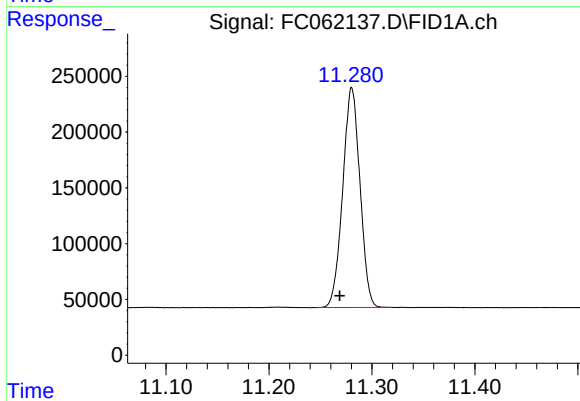
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.015 min
Response: 2398848
Conc: 16.50 ug/ml



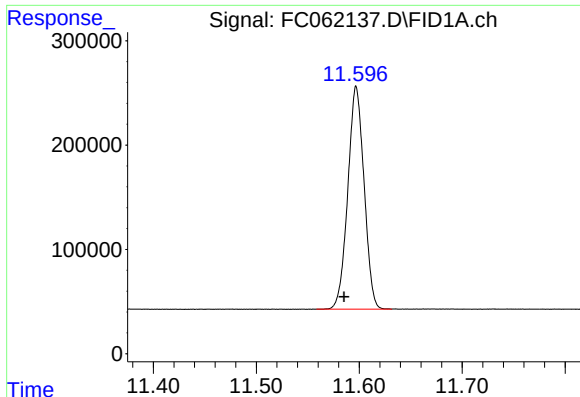
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: 0.014 min
Response: 2351768
Conc: 16.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.281 min
Delta R.T.: 0.012 min
Response: 2298097
Conc: 15.90 ug/ml



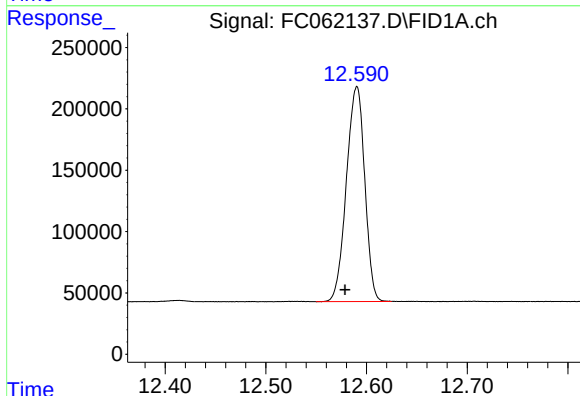
#9 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: 0.012 min
Response: 2341295
Conc: 15.75 ug/ml

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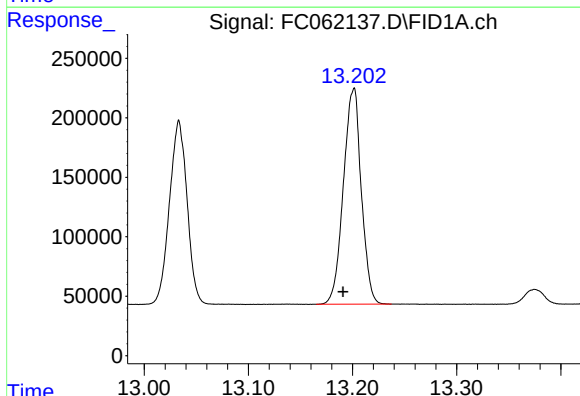
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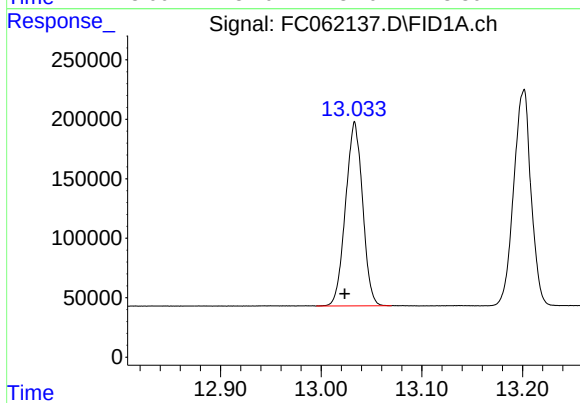
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: 0.011 min
Response: 2218840
Conc: 15.72 ug/ml



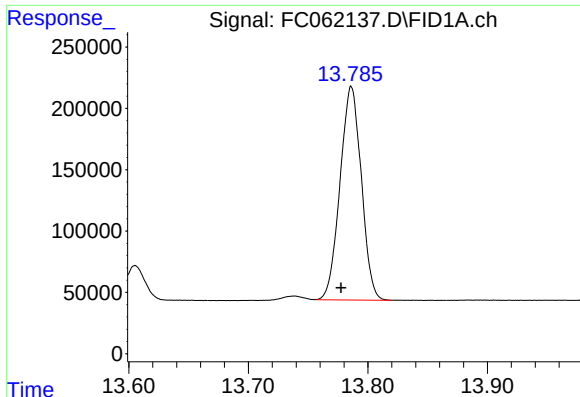
#11 n-Heneicosane (C21)

R.T.: 13.201 min
Delta R.T.: 0.010 min
Response: 2167095
Conc: 15.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: 0.010 min
Response: 1817960
Conc: 15.60 ug/ml



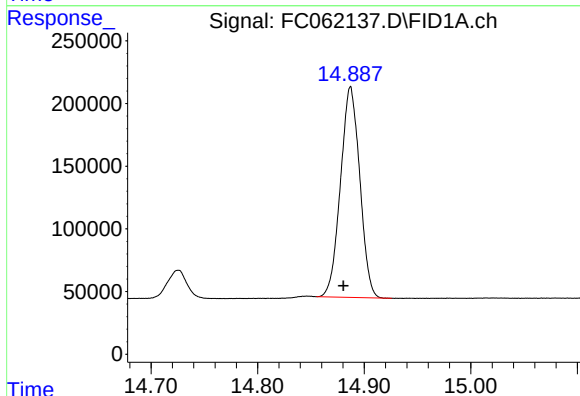
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: 0.008 min
Response: 2154758
Conc: 15.72 ug/ml

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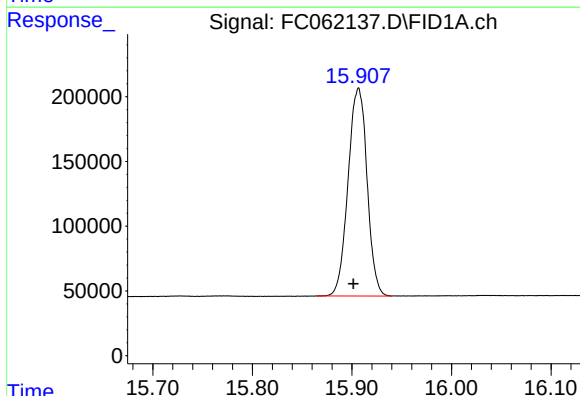
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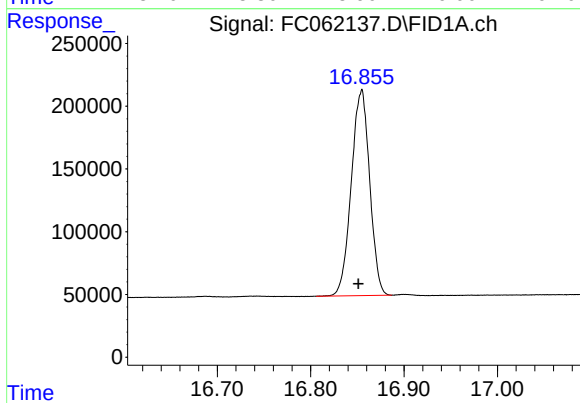
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: 0.007 min
Response: 2113277
Conc: 15.99 ug/ml



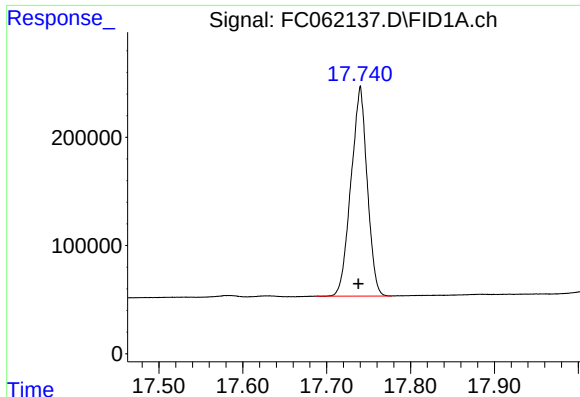
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: 0.005 min
Response: 2129122
Conc: 16.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: 0.004 min
Response: 2243117
Conc: 18.60 ug/ml



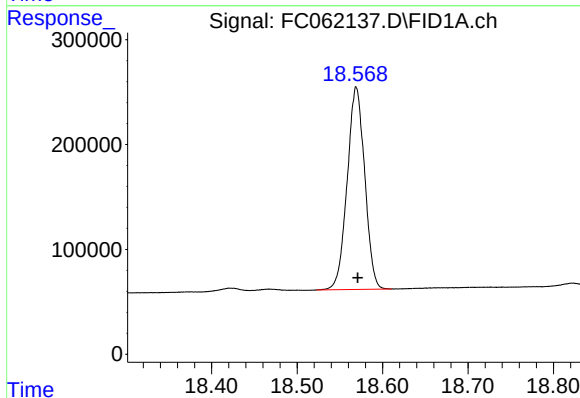
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: 0.002 min
Response: 2600087
Conc: 21.85 ug/ml

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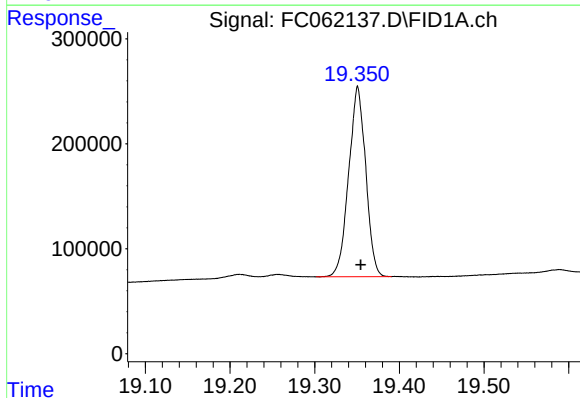
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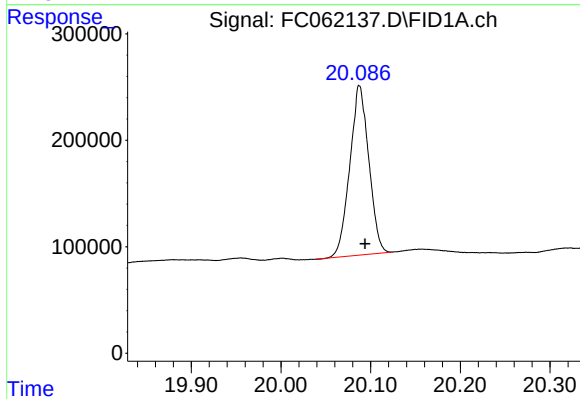
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.002 min
Response: 2754072
Conc: 23.37 ug/ml



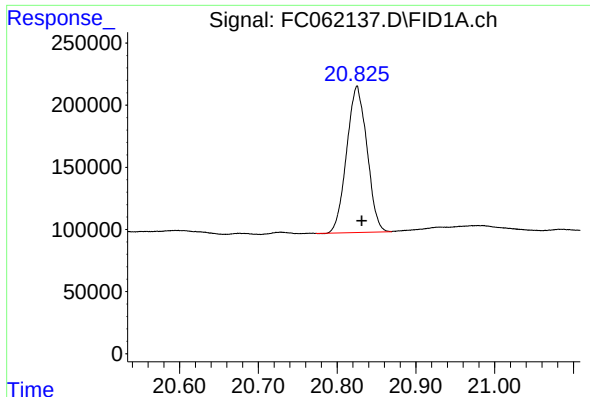
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.004 min
Response: 2532146
Conc: 22.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.006 min
Response: 2340670
Conc: 20.64 ug/ml



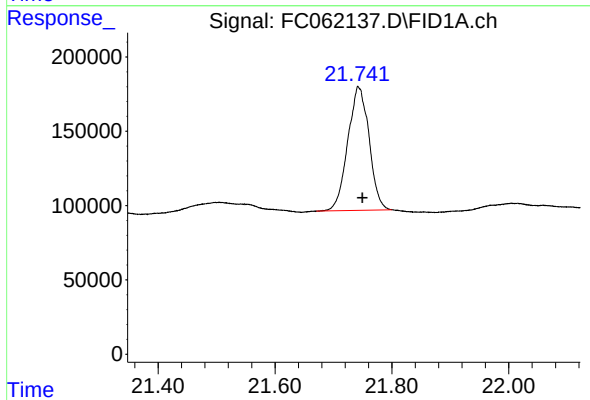
#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.006 min
Response: 2105720
Conc: 18.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.743 min
Delta R.T.: -0.007 min
Response: 2101712
Conc: 18.72 ug/ml