

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
 Data File : FC061352.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 10:37
 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 08/30/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 30 13:27:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.644	3119320	17.620 ug/ml
Spiked Amount 50.000		Recovery =	35.24%
12) S 1-chlorooctadecane (S...	13.074	2484457	17.740 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
Target Compounds			
1) T n-Nonane (C9)	3.413	2785578	18.424 ug/ml
2) T n-Decane (C10)	4.481	2813066	18.539 ug/ml
3) T A~Naphthalene (C11.7)	6.068	3162370	18.269 ug/ml
4) T n-Dodecane (C12)	6.494	2850653	18.406 ug/ml
5) T A~2-methylnaphthalene...	7.120	3192922	18.133 ug/ml
6) T n-Tetradecane (C14)	8.287	2865756	18.321 ug/ml
7) T n-Hexadecane (C16)	9.884	2858672	18.251 ug/ml
8) T n-Octadecane (C18)	11.323	2872862	18.210 ug/ml
10) T n-Eicosane (C20)	12.630	2799481	18.008 ug/ml
11) T n-Heneicosane (C21)	13.241	2779548	17.770 ug/ml
13) T n-Docosane (C22)	13.825	2758963	17.779 ug/ml
14) T n-Tetracosane (C24)	14.925	2751325	17.785 ug/ml
15) T n-Hexacosane (C26)	15.945	2648979	17.601 ug/ml
16) T n-Octacosane (C28)	16.893	2596081	17.576 ug/ml
17) T n-Tricontane (C30)	17.778	2546764	18.439 ug/ml
18) T n-Dotriacontane (C32)	18.609	2126240	19.371 ug/ml
19) T n-Tetratriacontane (C34)	19.391	1587223	20.563 ug/ml
20) T n-Hexatriacontane (C36)	20.127	1205327	21.349 ug/mlm
21) T n-Octatriacontane (C38)	20.873	1027989	22.159 ug/mlm
22) T n-Tetracontane (C40)	21.802	919438	21.921 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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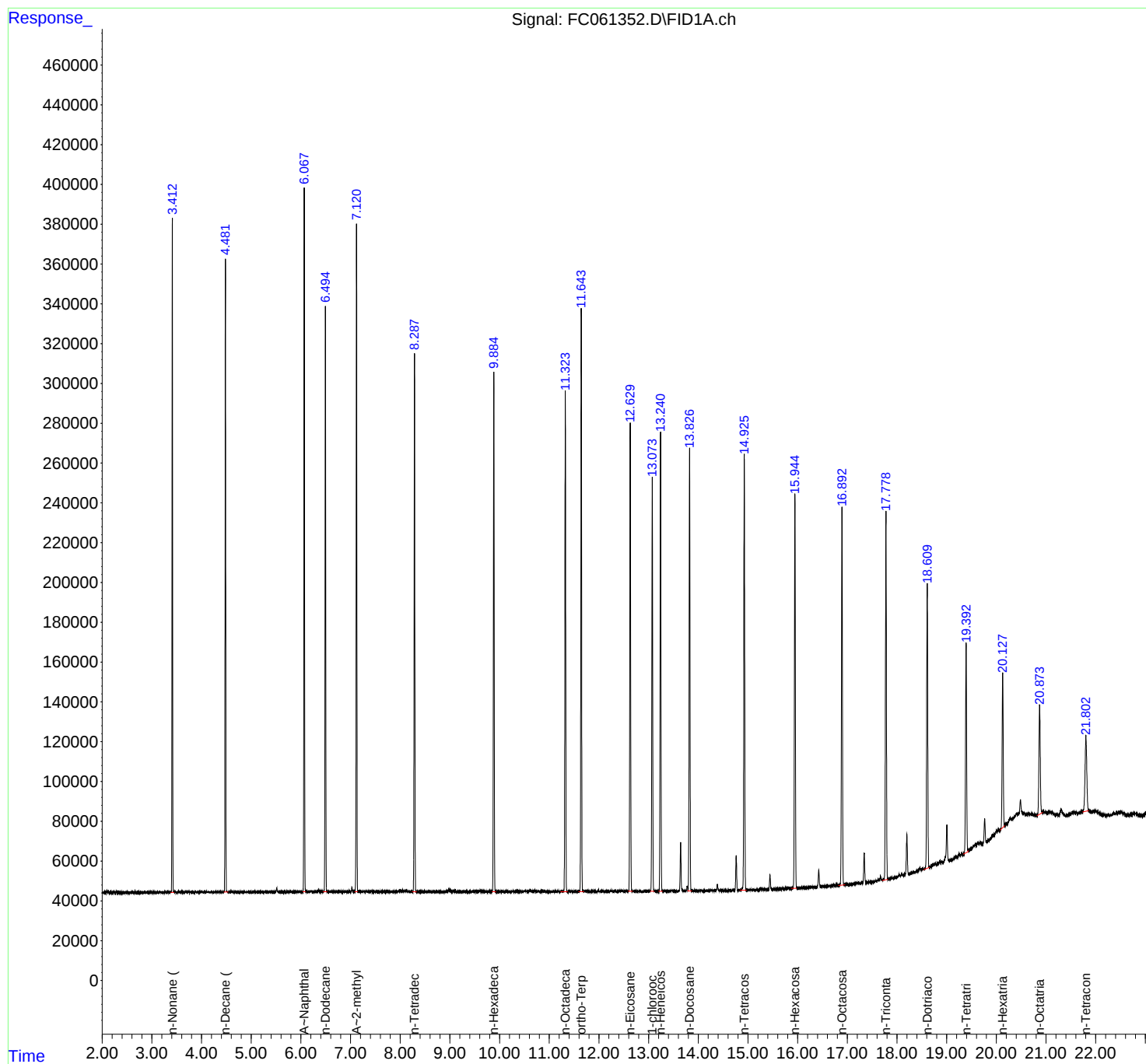
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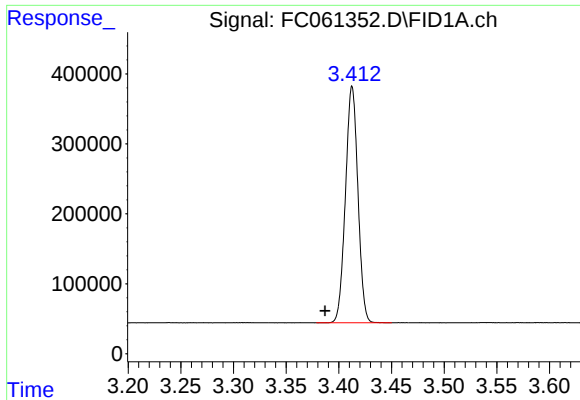
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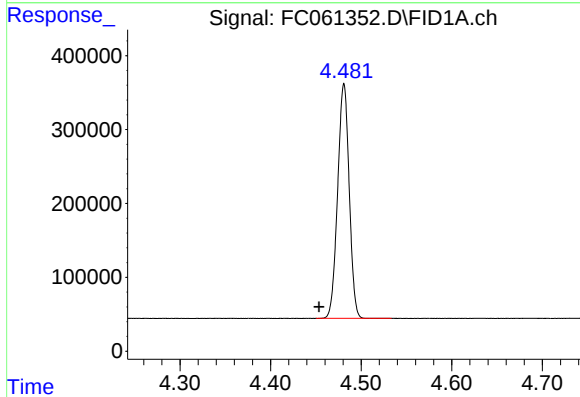
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: 0.026 min
Response: 2785578
Conc: 18.42 ug/ml

Instrument :
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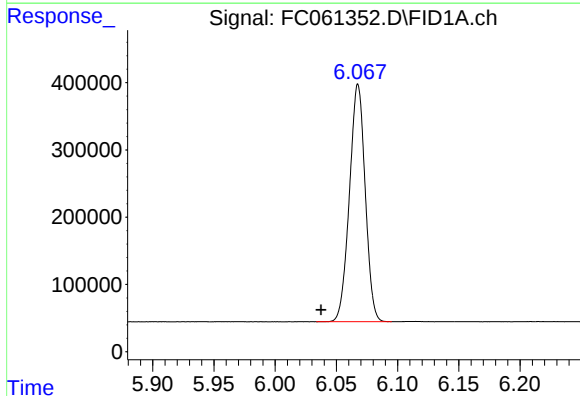
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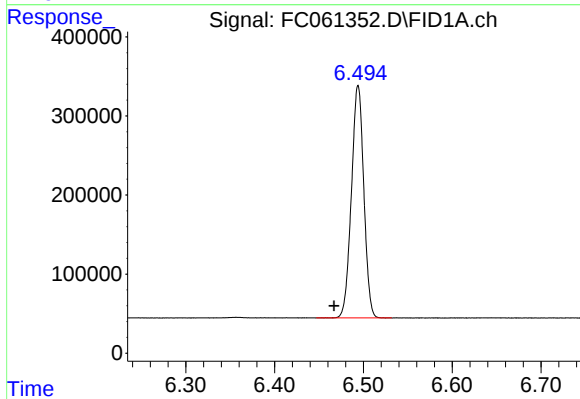
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: 0.027 min
Response: 2813066
Conc: 18.54 ug/ml



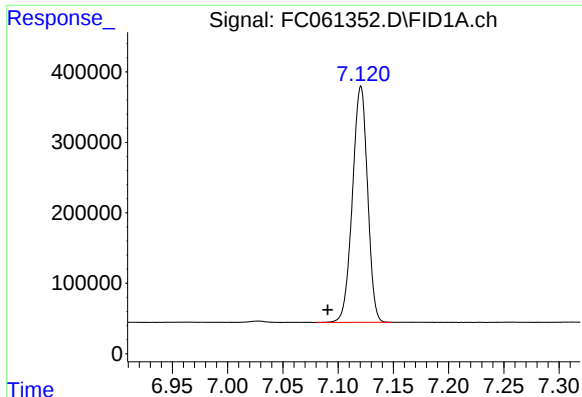
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: 0.030 min
Response: 3162370
Conc: 18.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.027 min
Response: 2850653
Conc: 18.41 ug/ml



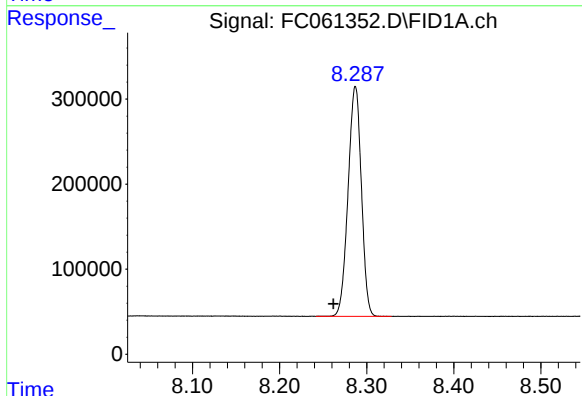
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: 0.030 min
Response: 3192922
Conc: 18.13 ug/ml

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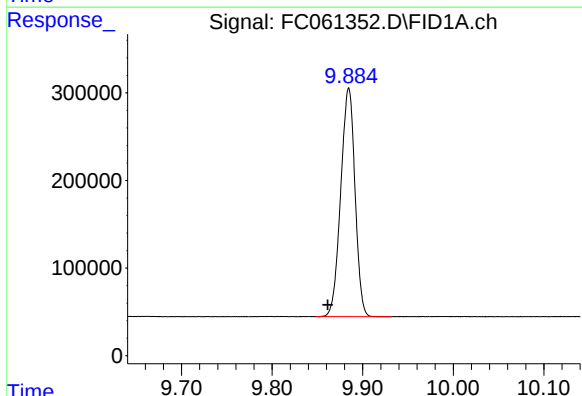
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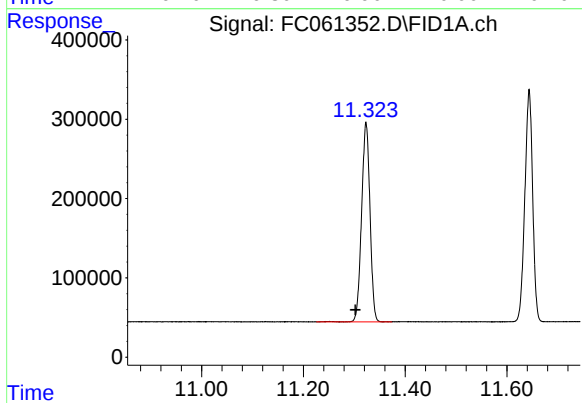
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: 0.025 min
Response: 2865756
Conc: 18.32 ug/ml



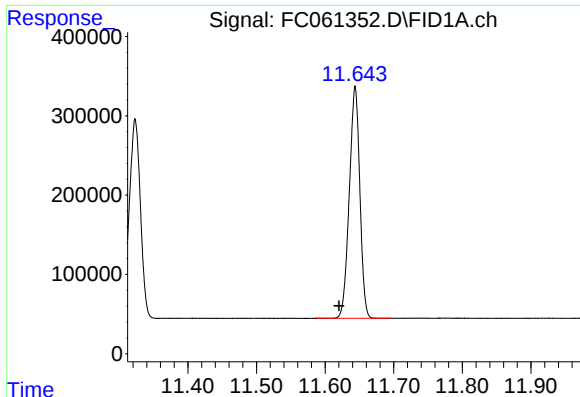
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.023 min
Response: 2858672
Conc: 18.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: 0.021 min
Response: 2872862
Conc: 18.21 ug/ml



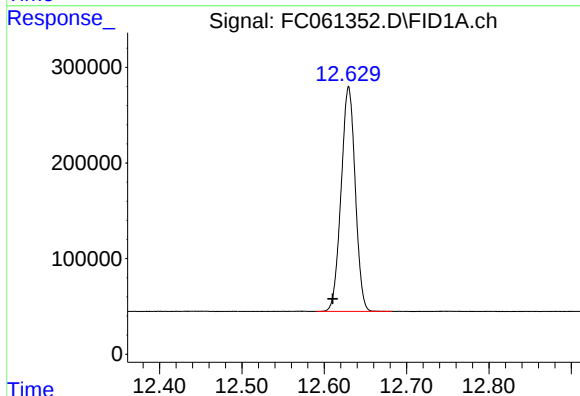
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.023 min
Response: 3119320
Conc: 17.62 ug/ml

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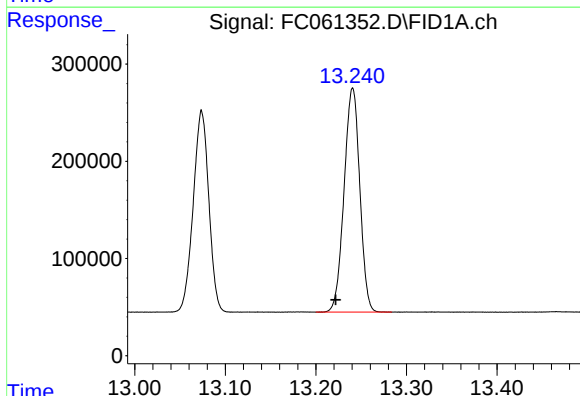
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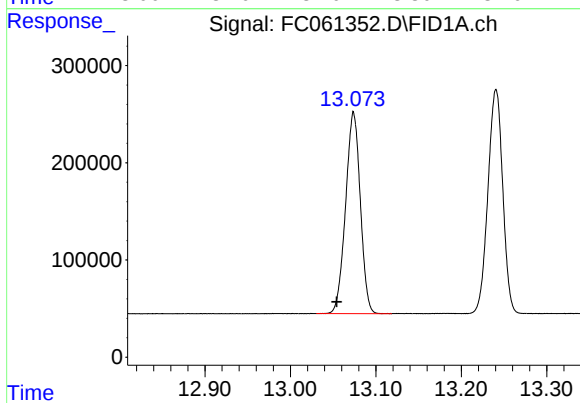
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: 0.019 min
Response: 2799481
Conc: 18.01 ug/ml



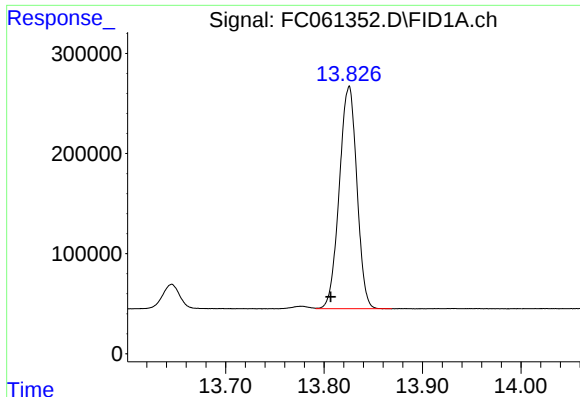
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: 0.018 min
Response: 2779548
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: 0.020 min
Response: 2484457
Conc: 17.74 ug/ml



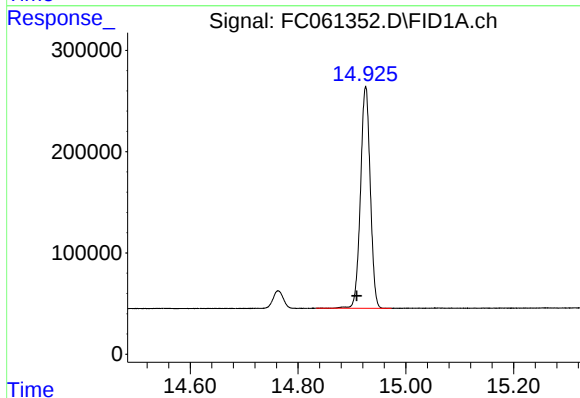
#13 n-Docosane (C22)

R.T.: 13.825 min
Delta R.T.: 0.018 min
Response: 2758963
Conc: 17.78 ug/ml

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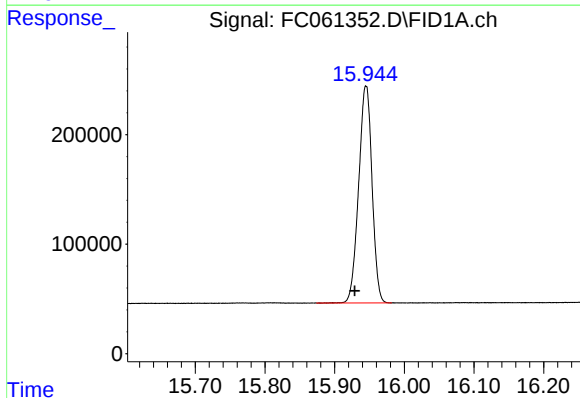
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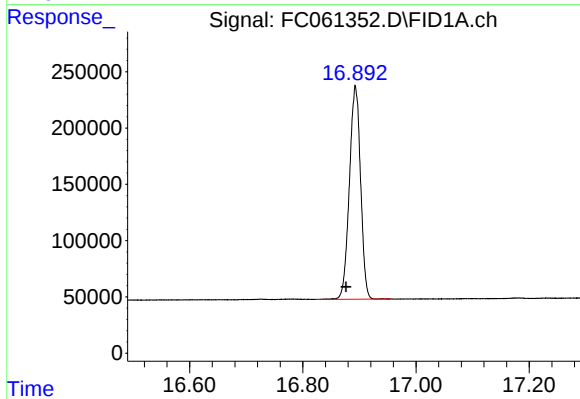
#14 n-Tetracosane (C24)

R.T.: 14.925 min
Delta R.T.: 0.017 min
Response: 2751325
Conc: 17.78 ug/ml



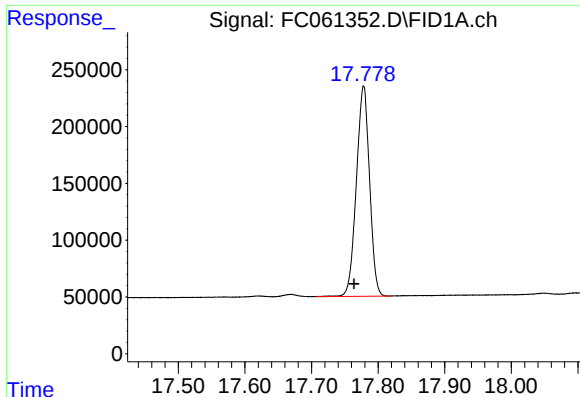
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: 0.016 min
Response: 2648979
Conc: 17.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.893 min
Delta R.T.: 0.017 min
Response: 2596081
Conc: 17.58 ug/ml



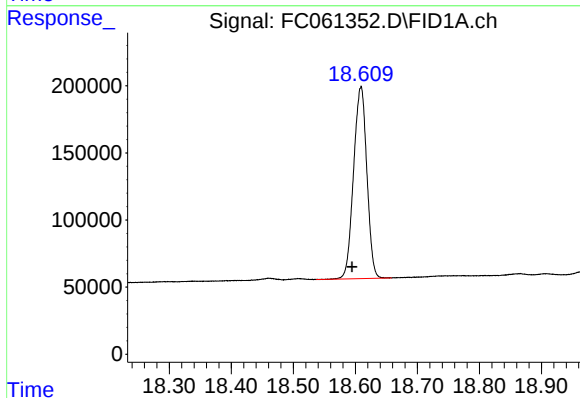
#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: 0.014 min
Response: 2546764
Conc: 18.44 ug/ml

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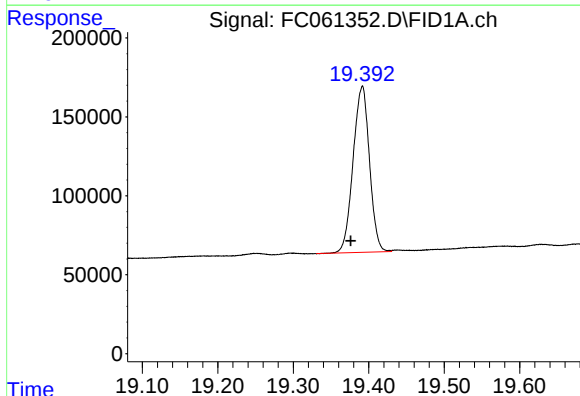
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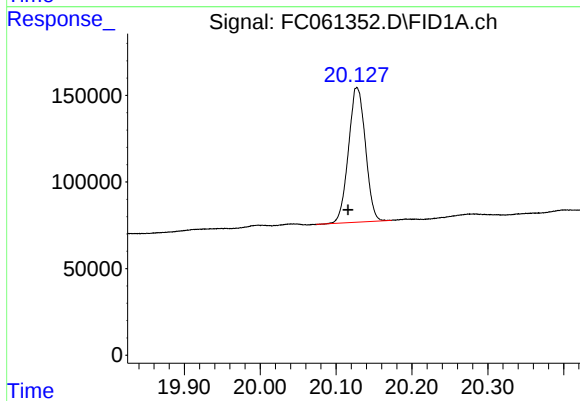
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: 0.014 min
Response: 2126240
Conc: 19.37 ug/ml



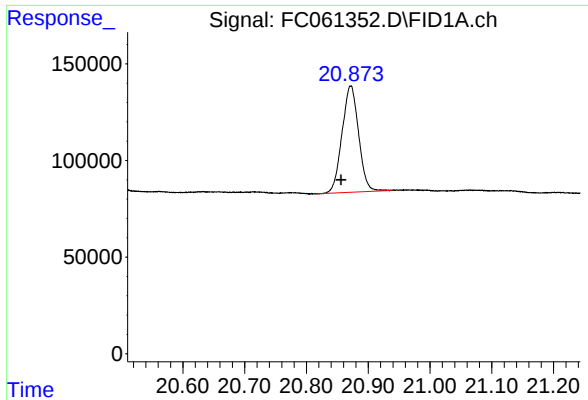
#19 n-Tetratriacontane (C34)

R.T.: 19.391 min
Delta R.T.: 0.015 min
Response: 1587223
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.127 min
Delta R.T.: 0.012 min
Response: 1205327
Conc: 21.35 ug/ml m



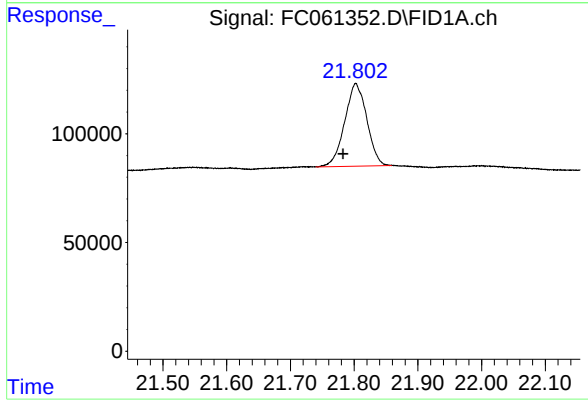
#21 n-Octatriacontane (C38)

R.T.: 20.873 min
Delta R.T.: 0.017 min
Response: 1027989
Conc: 22.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.802 min
Delta R.T.: 0.020 min
Response: 919438
Conc: 21.92 ug/ml m