

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091922AL\
 Data File : FC061573.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2022 04:16
 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 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: sample.E
 Quant Time: Sep 20 05:11:00 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)	11.573	3260206	18.416 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.012	2567358	18.332 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.314	3071299	20.314 ug/mlm
2) T n-Decane (C10)	4.389	3128082	20.615 ug/ml
3) T A~Naphthalene (C11.7)	5.978	3491708	20.171 ug/ml
4) T n-Dodecane (C12)	6.412	3139233	20.270 ug/ml
5) T A~2-methylnaphthalene...	7.035	3498170	19.867 ug/ml
6) T n-Tetradecane (C14)	8.211	3103042	19.838 ug/ml
7) T n-Hexadecane (C16)	9.813	3060865	19.542 ug/ml
8) T n-Octadecane (C18)	11.257	3021990	19.155 ug/ml
10) T n-Eicosane (C20)	12.567	2906265	18.695 ug/ml
11) T n-Heneicosane (C21)	13.180	2883904	18.437 ug/ml
13) T n-Docosane (C22)	13.766	2836197	18.277 ug/ml
14) T n-Tetracosane (C24)	14.870	2772563	17.922 ug/ml
15) T n-Hexacosane (C26)	15.892	2691891	17.886 ug/ml
16) T n-Octacosane (C28)	16.841	2669806	18.075 ug/ml
17) T n-Tricontane (C30)	17.728	2611566	18.908 ug/ml
18) T n-Dotriacontane (C32)	18.560	2212435	20.156 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1627590	21.086 ug/ml
20) T n-Hexatriacontane (C36)	20.082	1220280	21.614 ug/ml
21) T n-Octatriacontane (C38)	20.816	1089429	23.483 ug/ml
22) T n-Tetracontane (C40)	21.729	998548	23.807 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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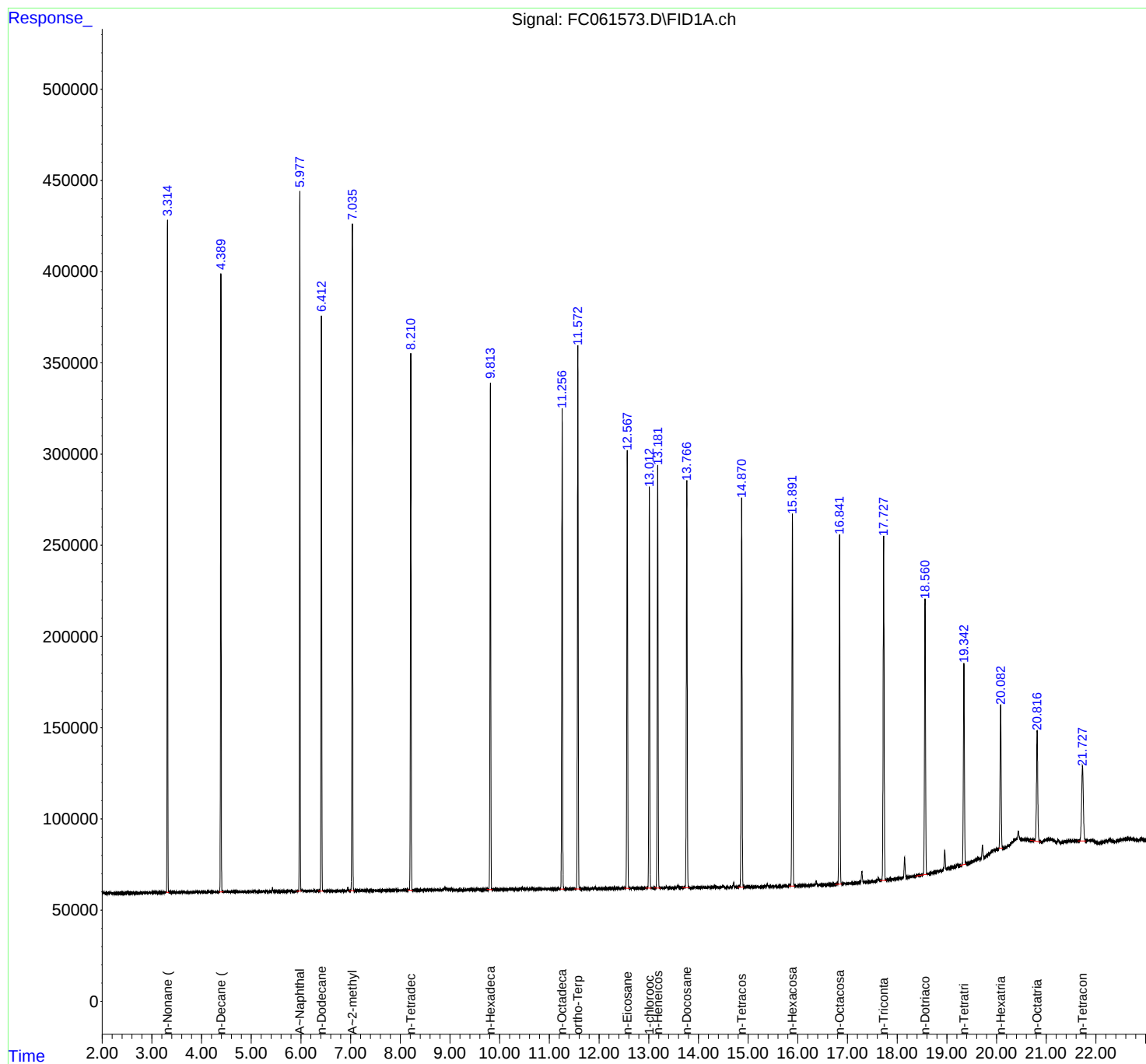
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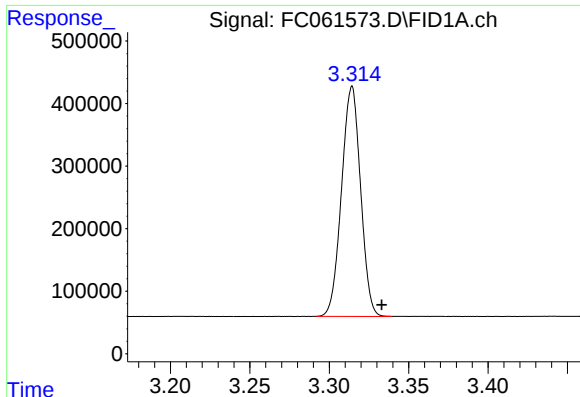
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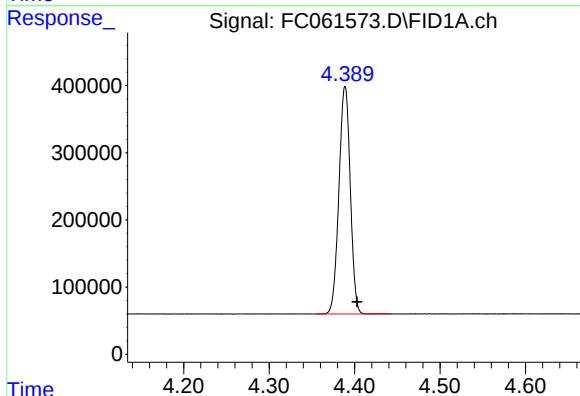
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: -0.019 min
Response: 3071299
Conc: 20.31 ug/ml

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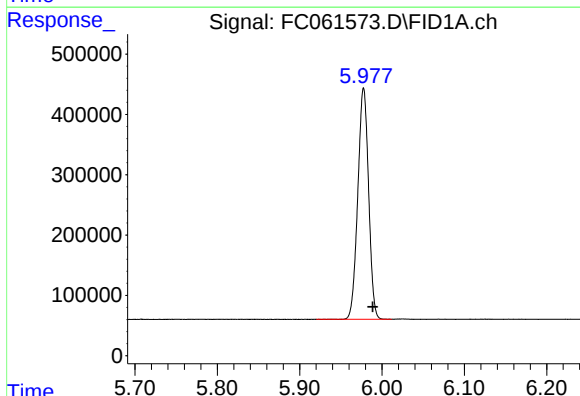
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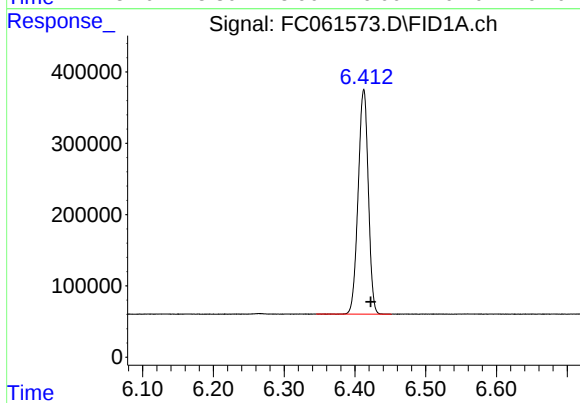
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.014 min
Response: 3128082
Conc: 20.62 ug/ml



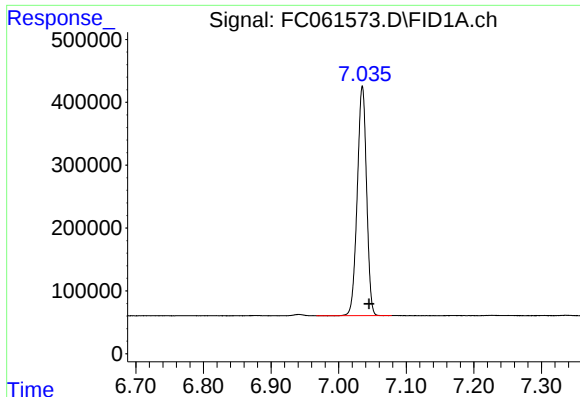
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.011 min
Response: 3491708
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.010 min
Response: 3139233
Conc: 20.27 ug/ml



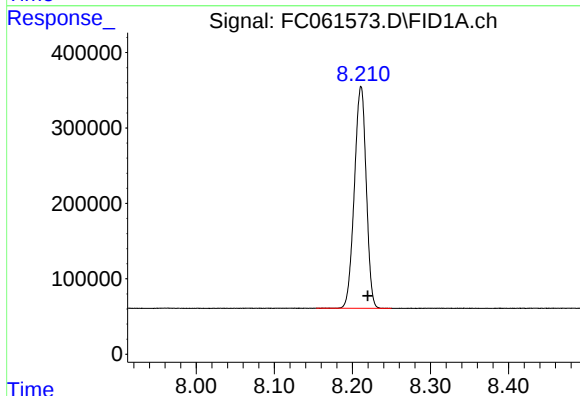
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.010 min
Response: 3498170
Conc: 19.87 ug/ml

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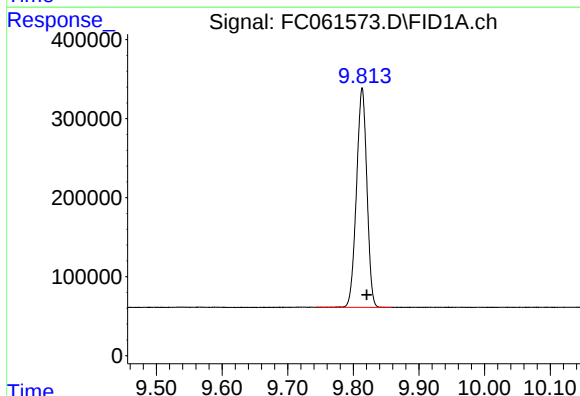
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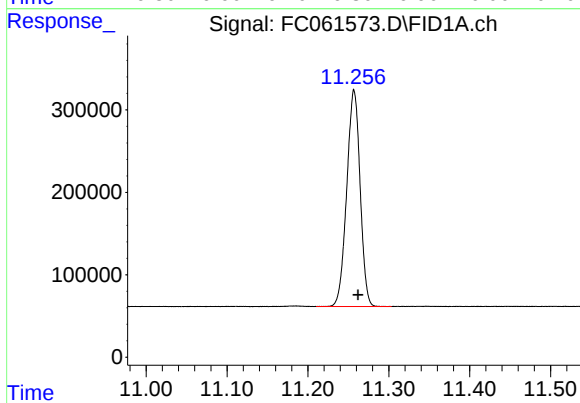
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: -0.009 min
Response: 3103042
Conc: 19.84 ug/ml



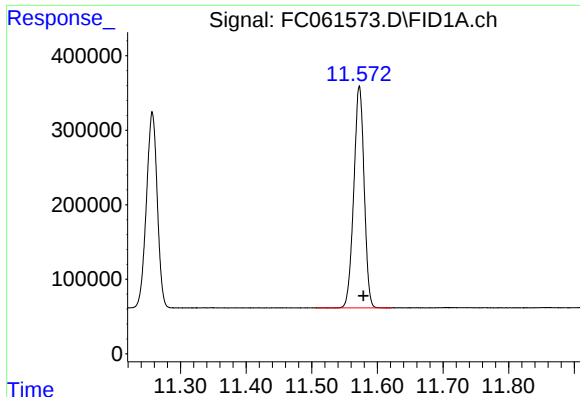
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.007 min
Response: 3060865
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.257 min
Delta R.T.: -0.005 min
Response: 3021990
Conc: 19.15 ug/ml



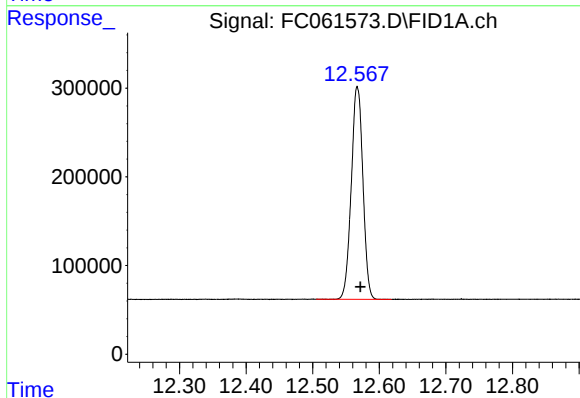
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: -0.006 min
Response: 3260206
Conc: 18.42 ug/ml

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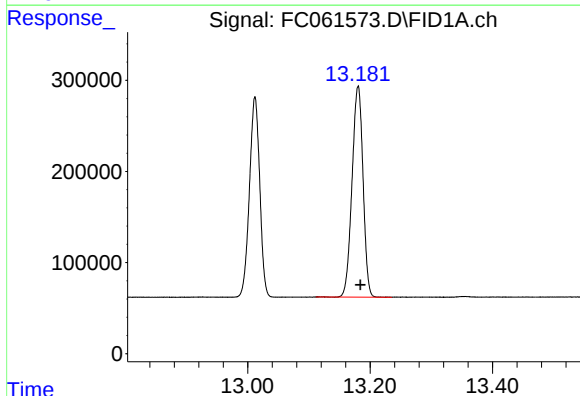
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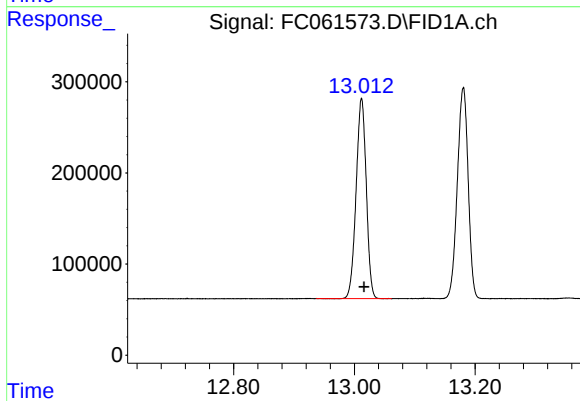
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.004 min
Response: 2906265
Conc: 18.69 ug/ml



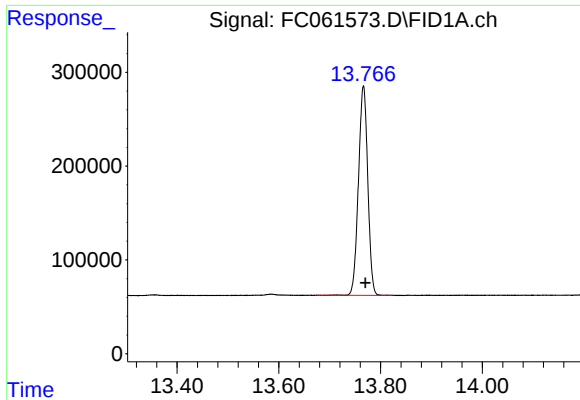
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.004 min
Response: 2883904
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.012 min
Delta R.T.: -0.004 min
Response: 2567358
Conc: 18.33 ug/ml



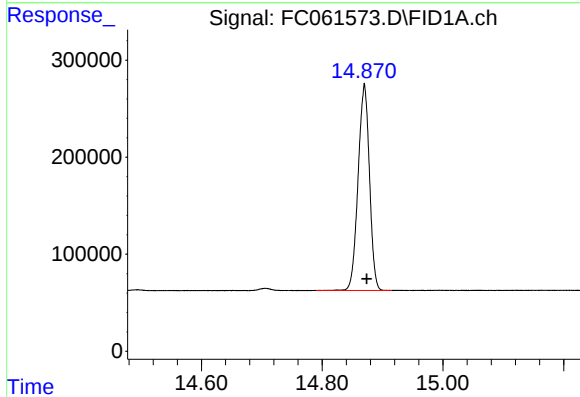
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: -0.004 min
Response: 2836197
Conc: 18.28 ug/ml

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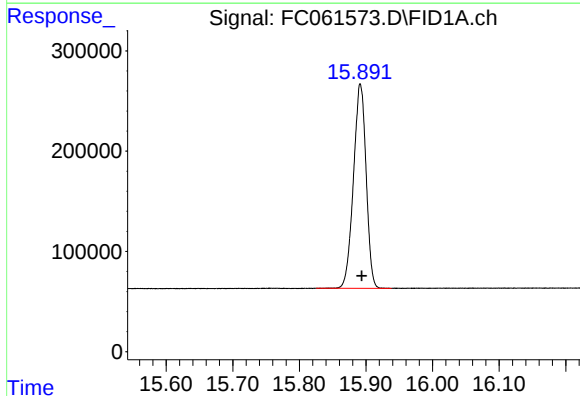
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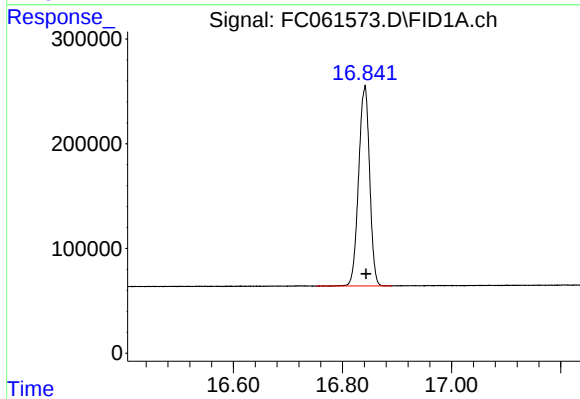
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 2772563
Conc: 17.92 ug/ml



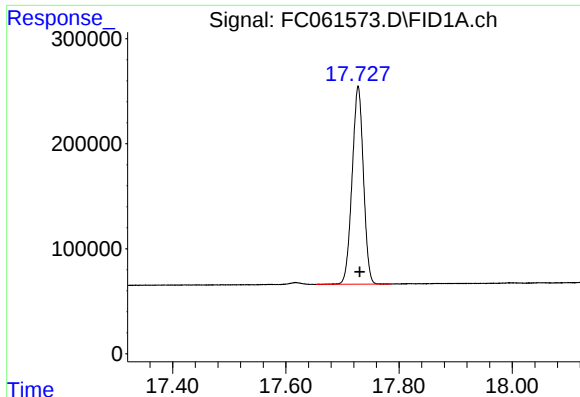
#15 n-Hexacosane (C26)

R.T.: 15.892 min
Delta R.T.: -0.002 min
Response: 2691891
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: -0.003 min
Response: 2669806
Conc: 18.08 ug/ml



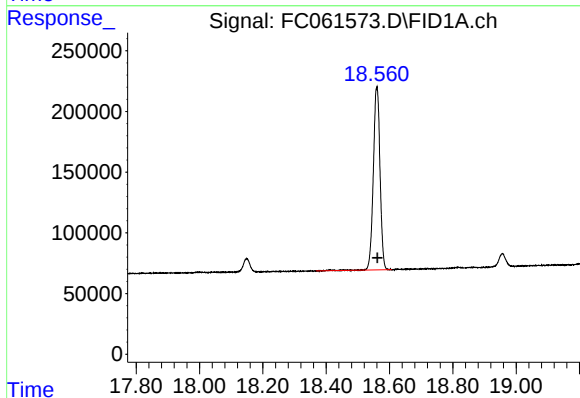
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: -0.003 min
Response: 2611566
Conc: 18.91 ug/ml

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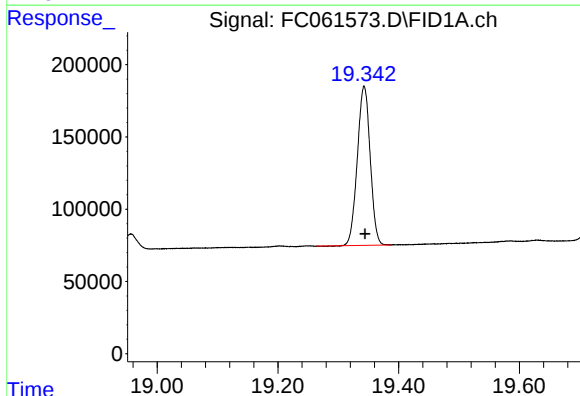
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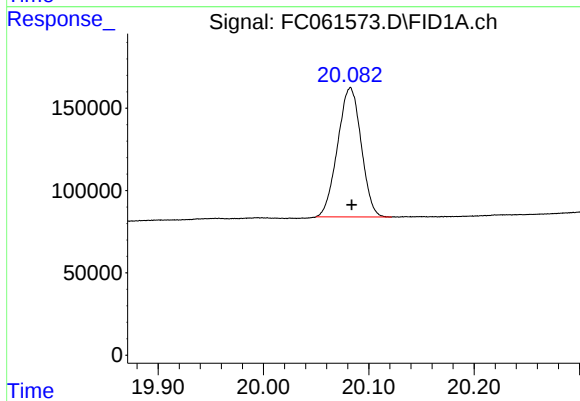
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.002 min
Response: 2212435
Conc: 20.16 ug/ml



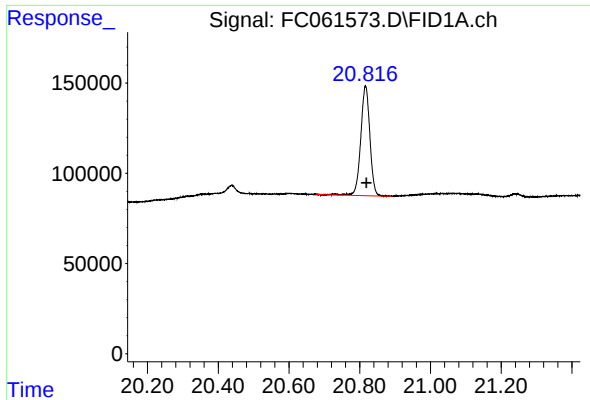
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.001 min
Response: 1627590
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.002 min
Response: 1220280
Conc: 21.61 ug/ml



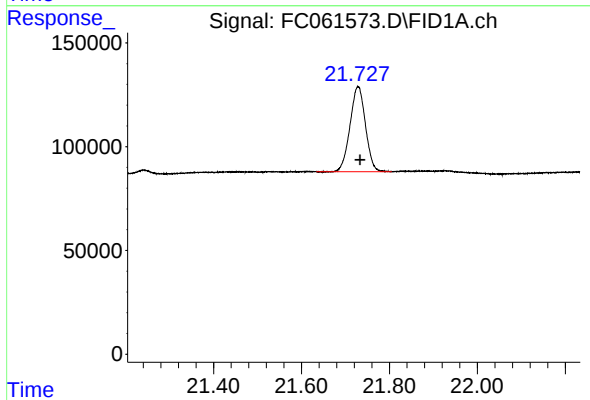
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.002 min
Response: 1089429
Conc: 23.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.729 min
Delta R.T.: -0.005 min
Response: 998548
Conc: 23.81 ug/ml