

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082824AL\
 Data File : FC067040.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2024 09:40
 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 08/29/2024
 Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e
 Quant Time: Aug 29 02:09:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 2024
 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)	11.516	2969678	19.507 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	12.955	2235084	20.630 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
Target Compounds			
1) T n-Nonane (C9)	3.283	2863291	19.482 ug/ml
2) T n-Decane (C10)	4.348	2957532	19.737 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3135720	19.711 ug/ml
4) T n-Dodecane (C12)	6.366	2953658	19.686 ug/ml
5) T A~2-methylnaphthalene...	6.986	2980434	19.818 ug/ml
6) T n-Tetradecane (C14)	8.160	2871582	19.805 ug/ml
7) T n-Hexadecane (C16)	9.761	2910953	19.861 ug/ml
8) T n-Octadecane (C18)	11.203	2882821	19.779 ug/ml
10) T n-Eicosane (C20)	12.511	2713100	19.812 ug/ml
11) T n-Heneicosane (C21)	13.123	2643043	19.834 ug/ml
13) T n-Docosane (C22)	13.709	2618379	19.871 ug/ml
14) T n-Tetracosane (C24)	14.811	2579881	19.906 ug/ml
15) T n-Hexacosane (C26)	15.832	2533702	19.975 ug/ml
16) T n-Octacosane (C28)	16.781	2511811	20.223 ug/ml
17) T n-Tricontane (C30)	17.668	2634245	20.961 ug/ml
18) T n-Dotriacontane (C32)	18.501	2649725	21.452 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2576328	21.485 ug/mlm
20) T n-Hexatriacontane (C36)	20.024	2564424	22.712 ug/ml
21) T n-Octatriacontane (C38)	20.752	2581137	23.692 ug/mlm
22) T n-Tetracontane (C40)	21.648	2429471	23.783 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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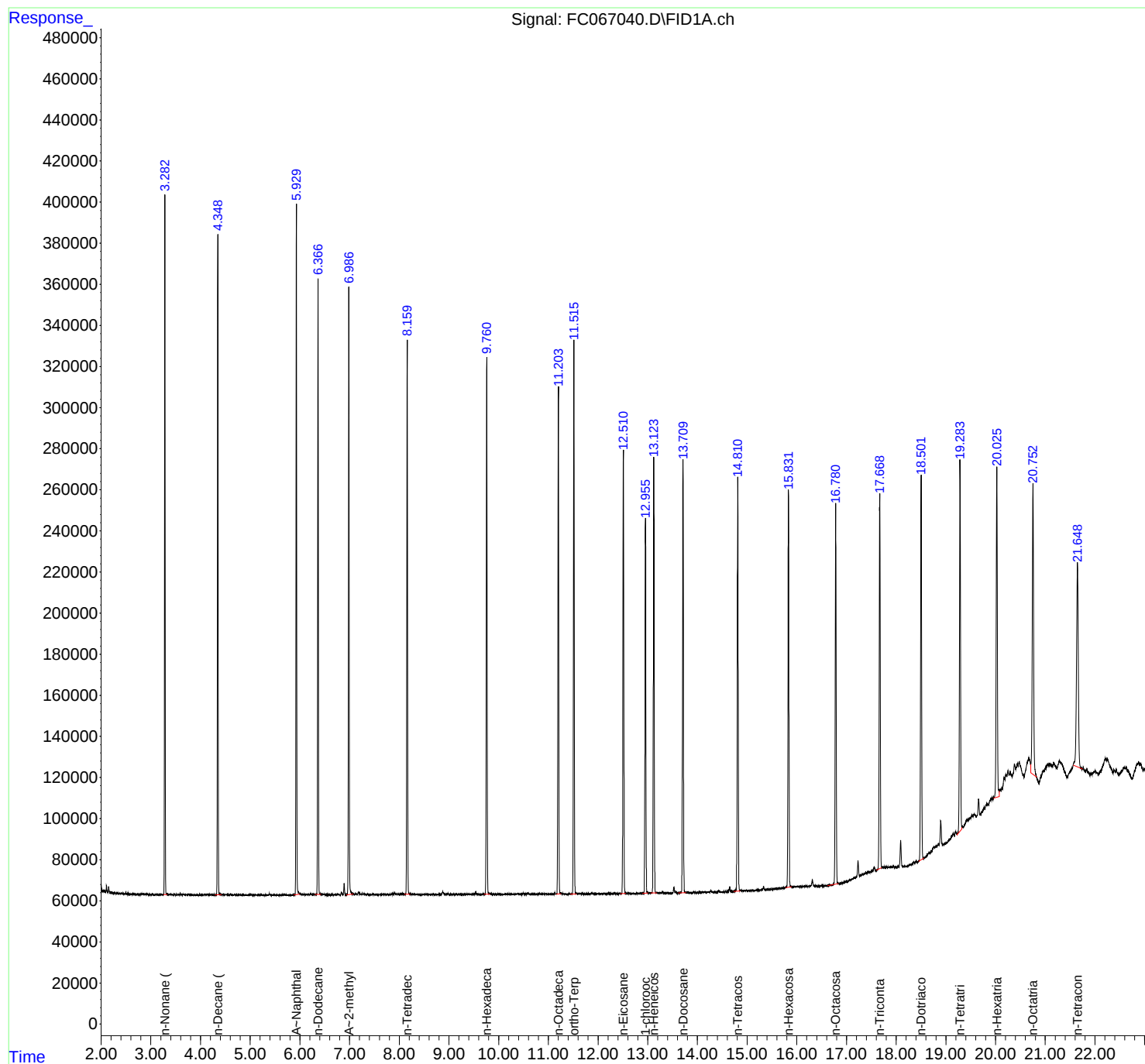
Instrument :
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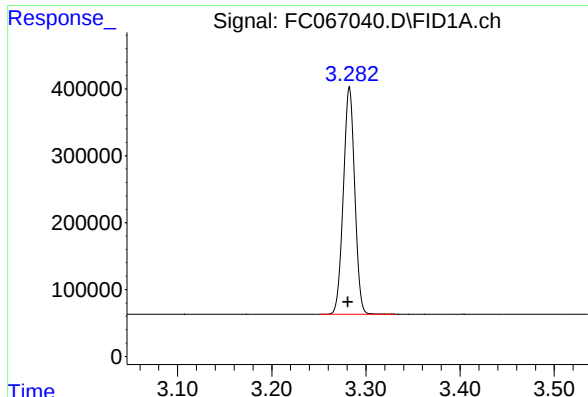
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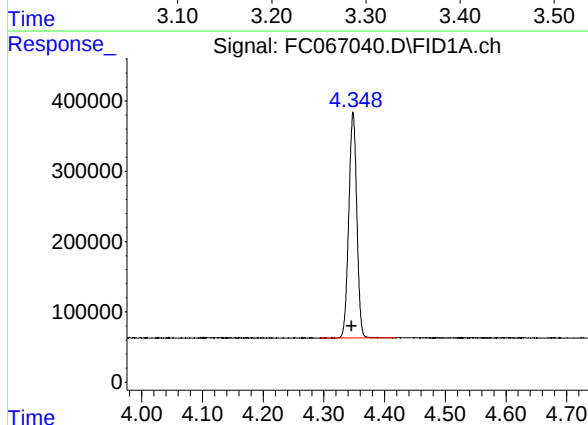
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.002 min
Response: 2863291
Conc: 19.48 ug/ml

Instrument : FID_C
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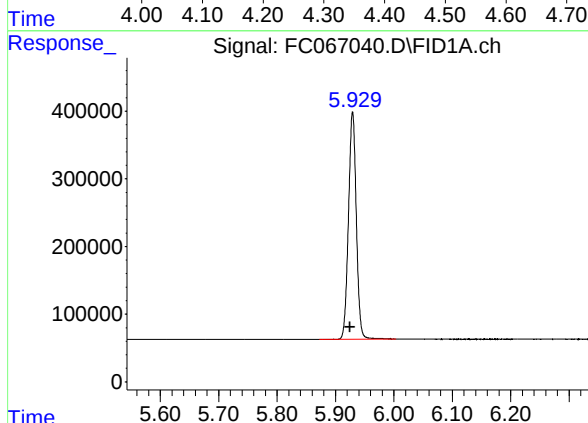
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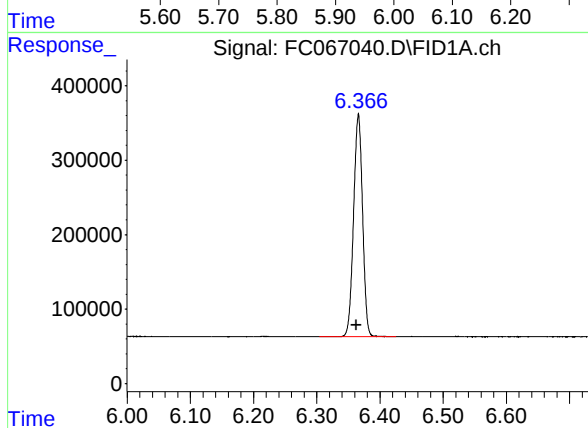
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 2957532
Conc: 19.74 ug/ml



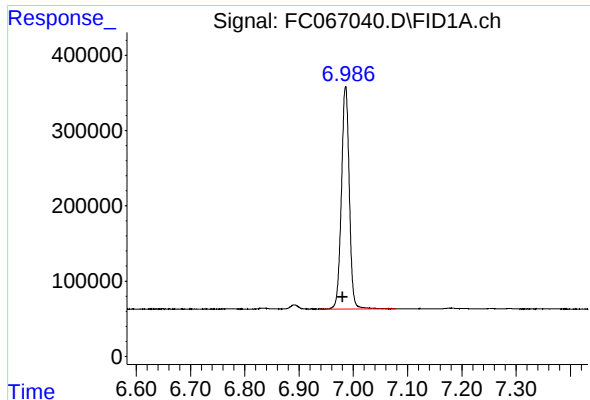
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: 0.004 min
Response: 3135720
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.003 min
Response: 2953658
Conc: 19.69 ug/ml



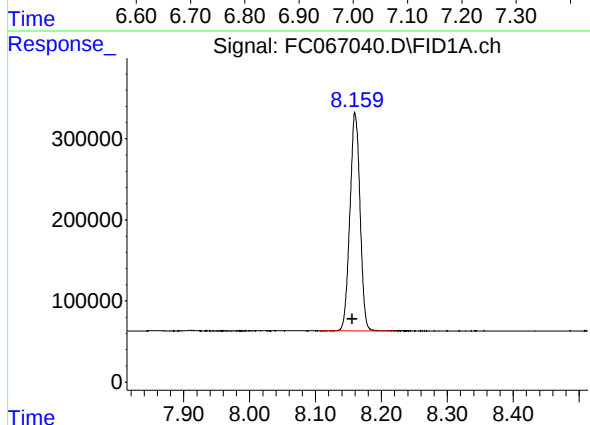
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: 0.005 min
Response: 2980434
Conc: 19.82 ug/ml

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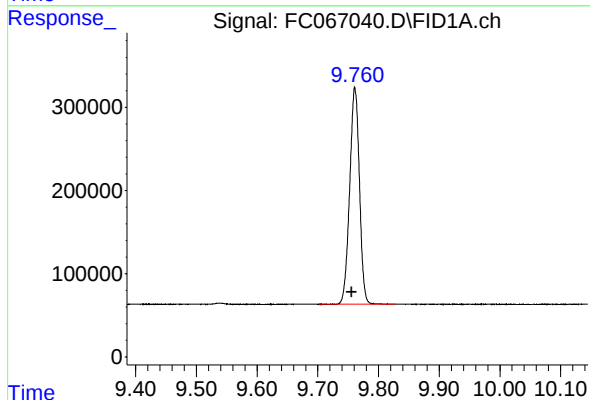
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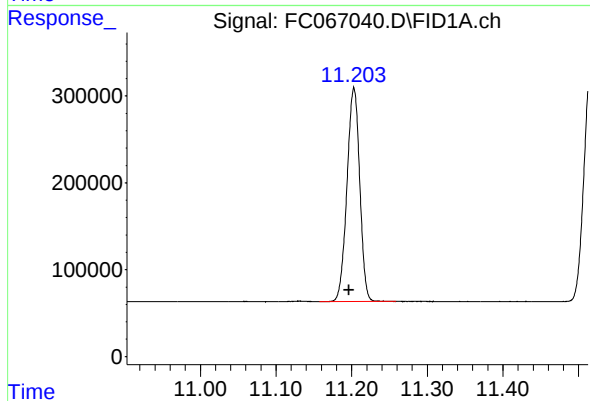
#6 n-Tetradecane (C14)

R.T.: 8.160 min
Delta R.T.: 0.004 min
Response: 2871582
Conc: 19.81 ug/ml



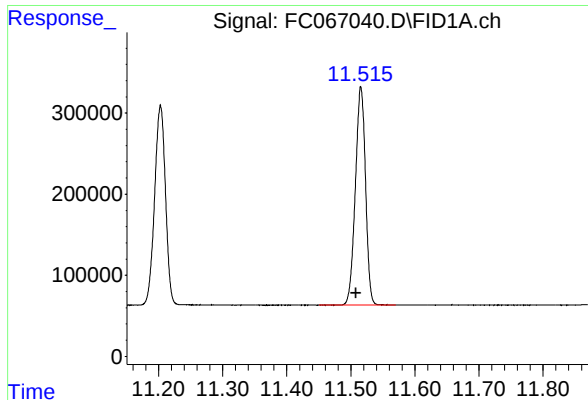
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: 0.005 min
Response: 2910953
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: 0.007 min
Response: 2882821
Conc: 19.78 ug/ml



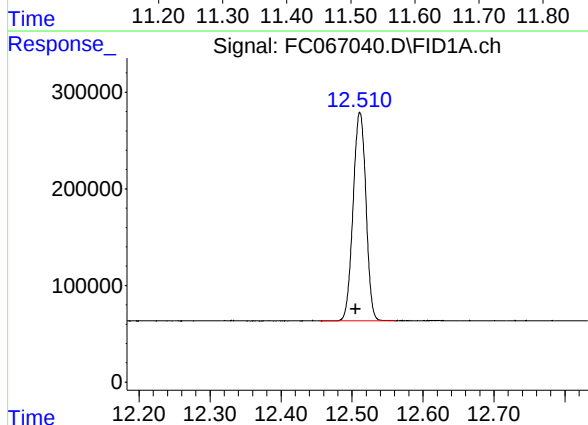
#9 ortho-Terphenyl (SURR)

R.T.: 11.516 min
Delta R.T.: 0.008 min
Response: 2969678
Conc: 19.51 ug/ml

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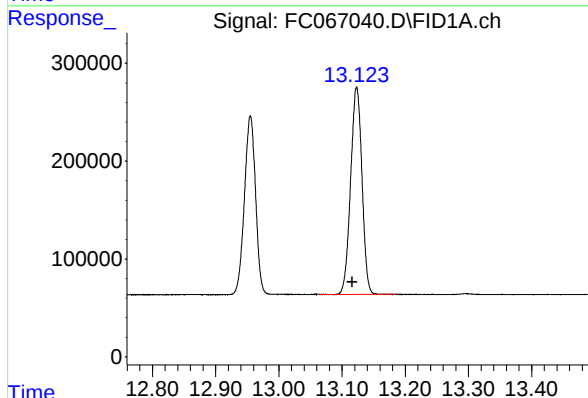
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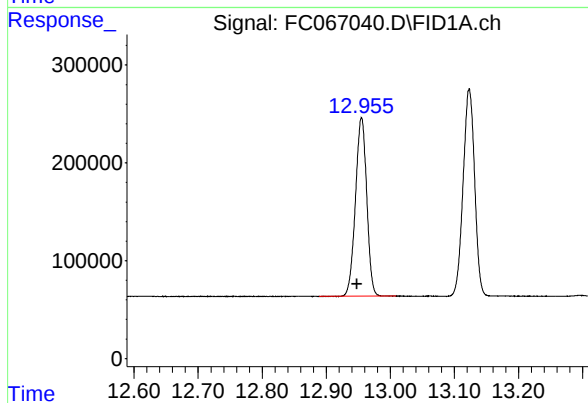
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.006 min
Response: 2713100
Conc: 19.81 ug/ml



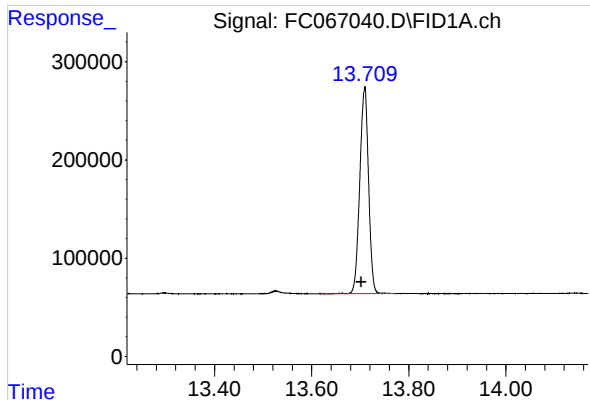
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: 0.007 min
Response: 2643043
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: 0.007 min
Response: 2235084
Conc: 20.63 ug/ml



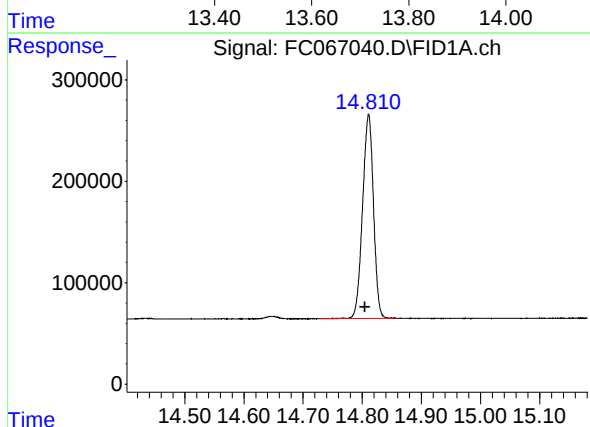
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: 0.006 min
Response: 2618379
Conc: 19.87 ug/ml

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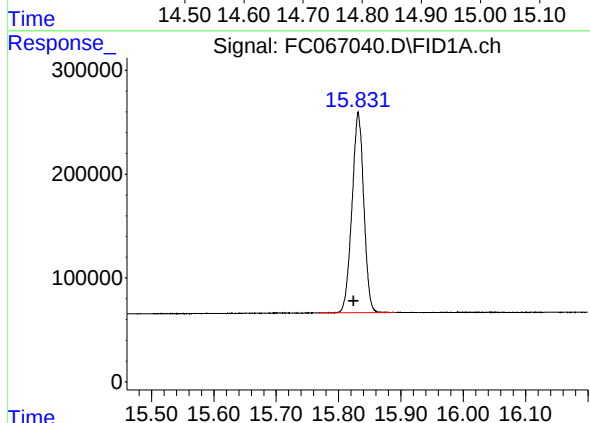
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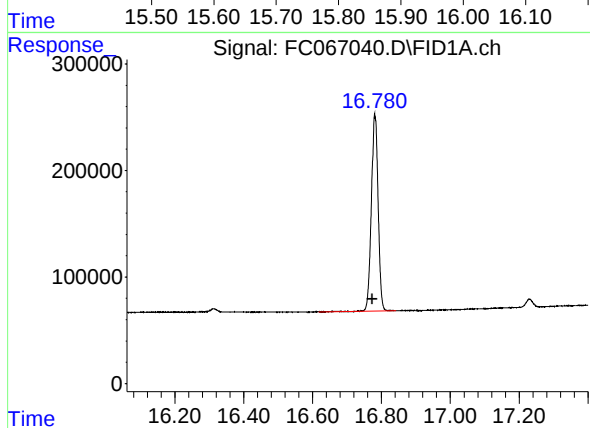
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: 0.006 min
Response: 2579881
Conc: 19.91 ug/ml



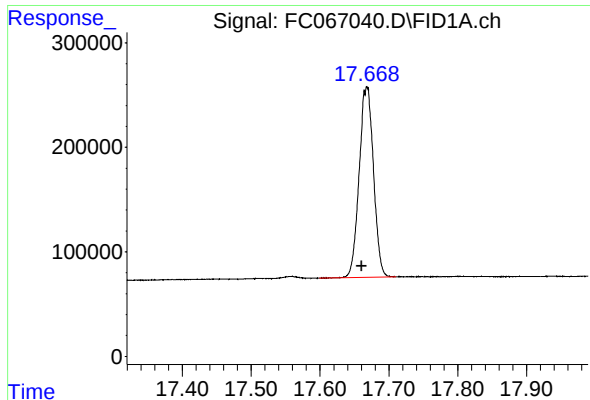
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.007 min
Response: 2533702
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: 0.008 min
Response: 2511811
Conc: 20.22 ug/ml



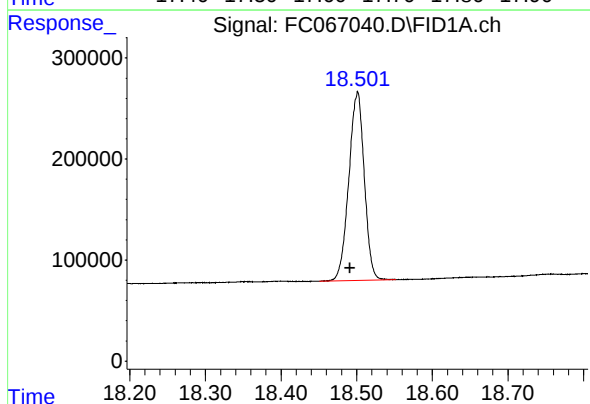
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: 0.007 min
Response: 2634245
Conc: 20.96 ug/ml

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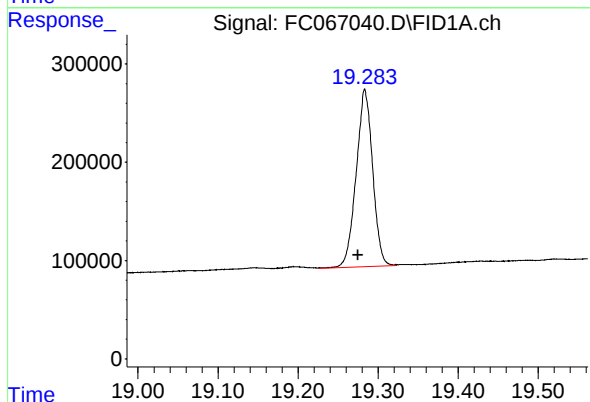
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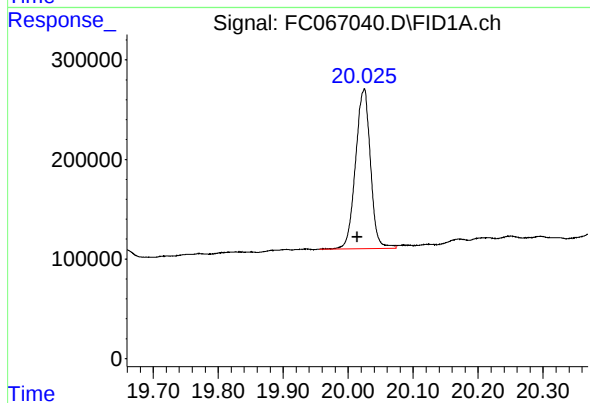
#18 n-Dotriacontane (C32)

R.T.: 18.501 min
Delta R.T.: 0.009 min
Response: 2649725
Conc: 21.45 ug/ml



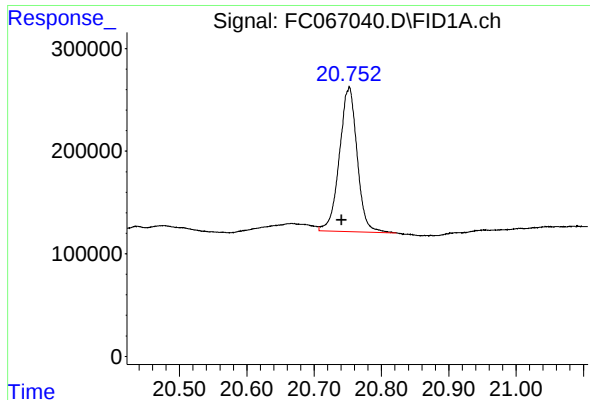
#19 n-Tetratriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.008 min
Response: 2576328
Conc: 21.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.024 min
Delta R.T.: 0.009 min
Response: 2564424
Conc: 22.71 ug/ml



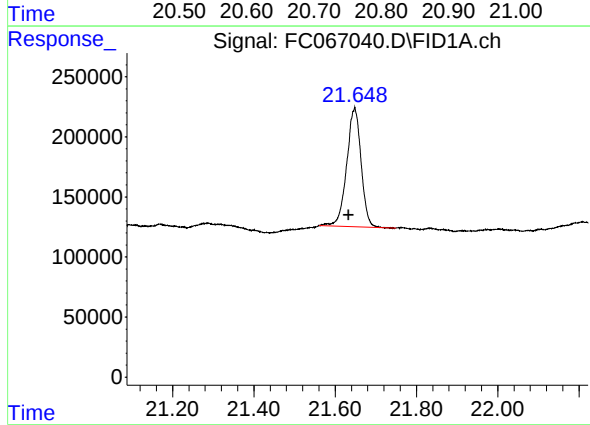
#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.011 min
Response: 2581137
Conc: 23.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.648 min
Delta R.T.: 0.015 min
Response: 2429471
Conc: 23.78 ug/ml