

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060624AL\
 Data File : FC066546.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2024 07:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2024
 Supervised By :Ankita Jodhani 06/07/2024

Integration File: autoint1.e
 Quant Time: Jun 07 04:01:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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)	11.554	3156763	20.769 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
12) S 1-chlorooctadecane (S...	12.993	2393445	20.946 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T n-Nonane (C9)	3.308	2838832	20.284 ug/ml
2) T n-Decane (C10)	4.377	2961481	20.582 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3258622	20.449 ug/ml
4) T n-Dodecane (C12)	6.399	2973048	20.647 ug/ml
5) T A~2-methylnaphthalene...	7.019	3149081	20.533 ug/ml
6) T n-Tetradecane (C14)	8.195	2920309	20.686 ug/ml
7) T n-Hexadecane (C16)	9.797	2993014	20.826 ug/ml
8) T n-Octadecane (C18)	11.240	2993305	20.917 ug/ml
10) T n-Eicosane (C20)	12.549	2856889	20.997 ug/ml
11) T n-Heneicosane (C21)	13.162	2797814	20.988 ug/ml
13) T n-Docosane (C22)	13.748	2790461	21.172 ug/ml
14) T n-Tetracosane (C24)	14.850	2766807	21.254 ug/ml
15) T n-Hexacosane (C26)	15.871	2711070	21.317 ug/ml
16) T n-Octacosane (C28)	16.821	2701808	21.763 ug/ml
17) T n-Tricontane (C30)	17.710	2819803	22.375 ug/ml
18) T n-Dotriacontane (C32)	18.542	2802072	22.767 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2684295	22.383 ug/mlm
20) T n-Hexatriacontane (C36)	20.066	2529544	20.878 ug/ml
21) T n-Octatriacontane (C38)	20.799	2451781	21.194 ug/ml
22) T n-Tetracontane (C40)	21.707	2374016	19.381 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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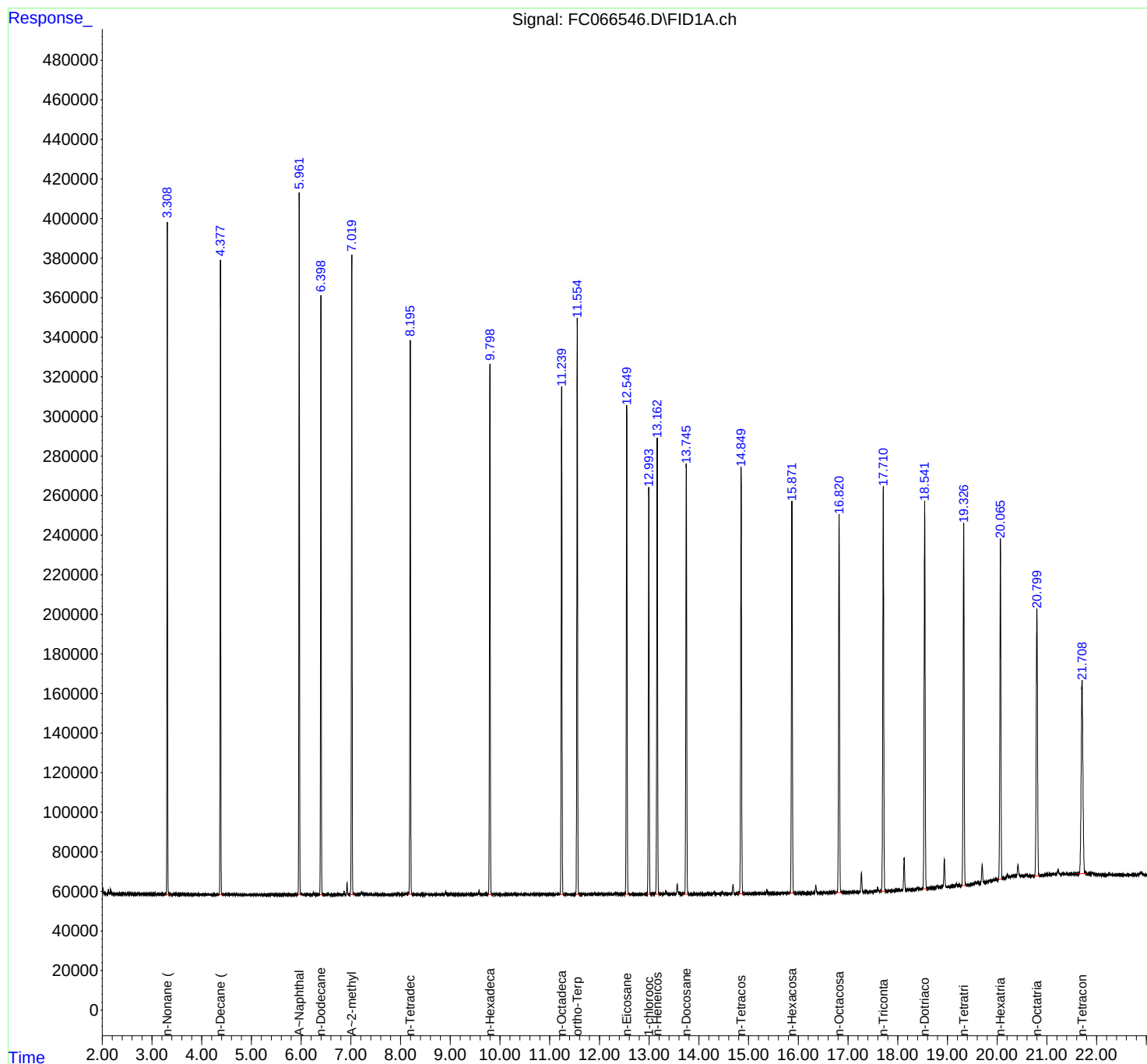
Instrument :
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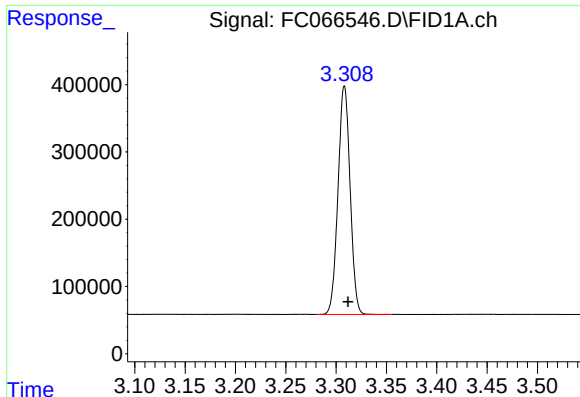
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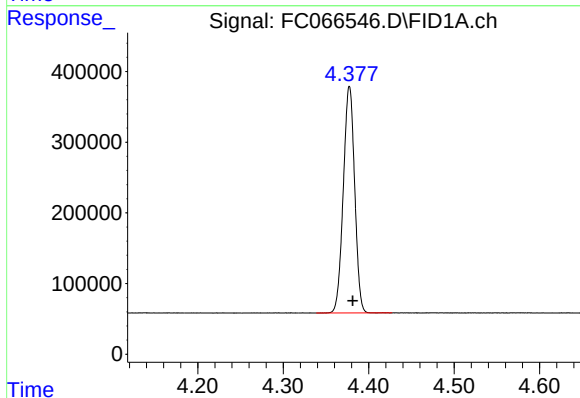
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.004 min
Response: 2838832
Conc: 20.28 ug/ml

Instrument :
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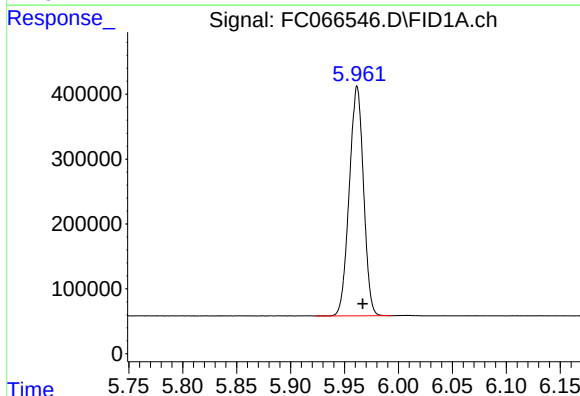
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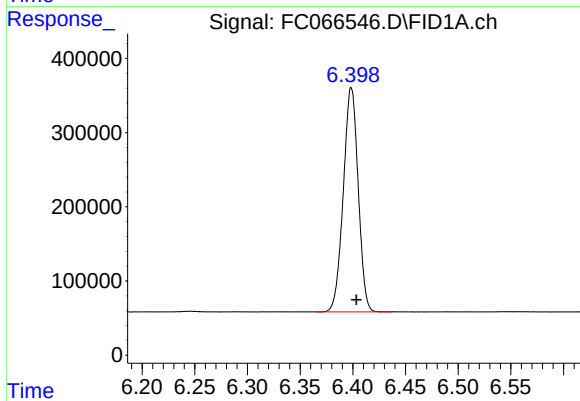
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.004 min
Response: 2961481
Conc: 20.58 ug/ml



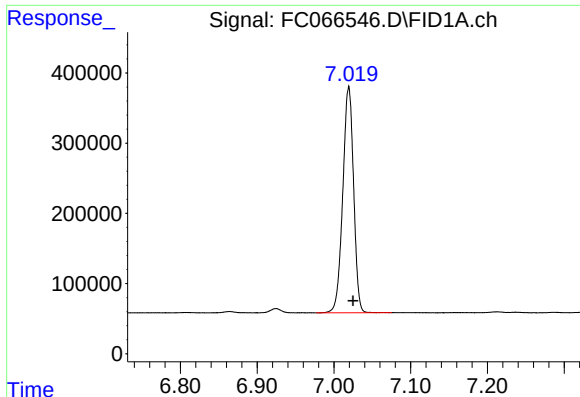
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 3258622
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.399 min
Delta R.T.: -0.005 min
Response: 2973048
Conc: 20.65 ug/ml



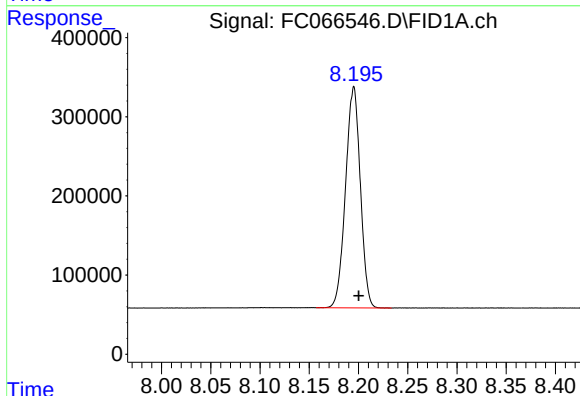
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.019 min
Delta R.T.: -0.006 min
Response: 3149081
Conc: 20.53 ug/ml

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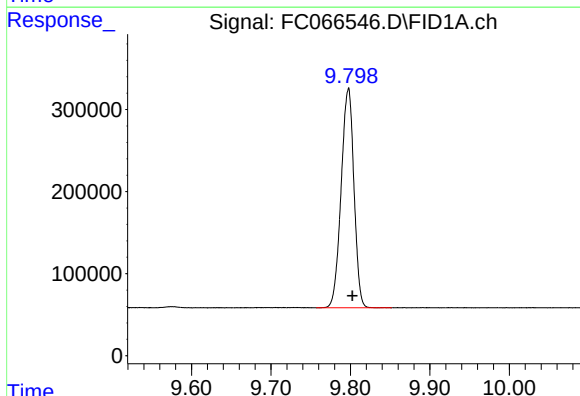
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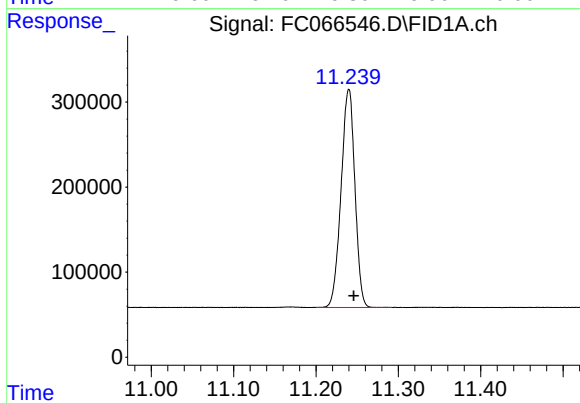
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2920309
Conc: 20.69 ug/ml



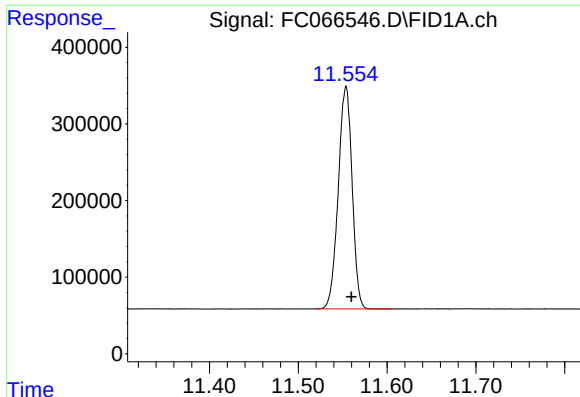
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.005 min
Response: 2993014
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.006 min
Response: 2993305
Conc: 20.92 ug/ml



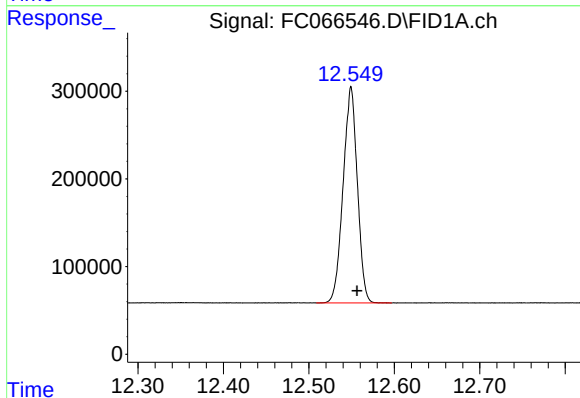
#9 ortho-Terphenyl (SURR)

R.T.: 11.554 min
Delta R.T.: -0.006 min
Response: 3156763
Conc: 20.77 ug/ml

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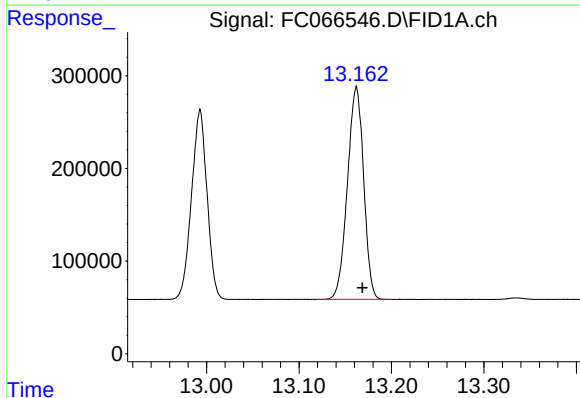
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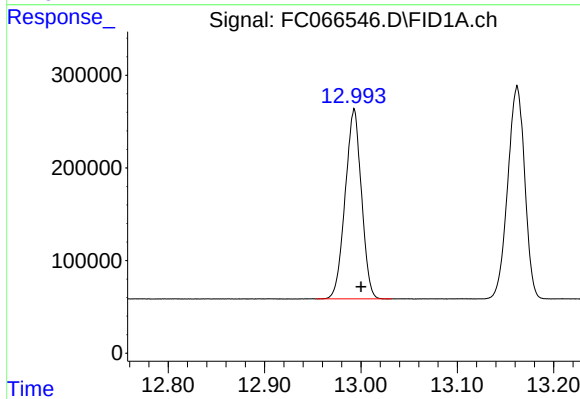
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.007 min
Response: 2856889
Conc: 21.00 ug/ml



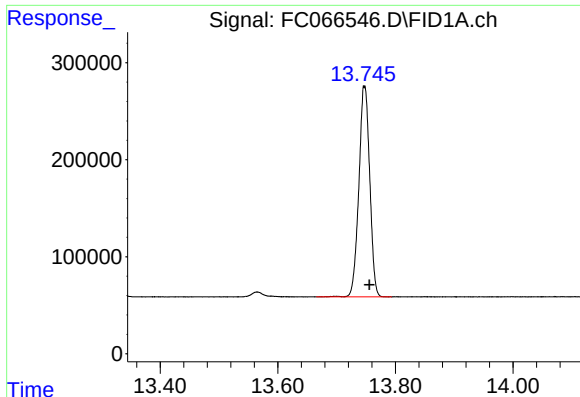
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.007 min
Response: 2797814
Conc: 20.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.007 min
Response: 2393445
Conc: 20.95 ug/ml



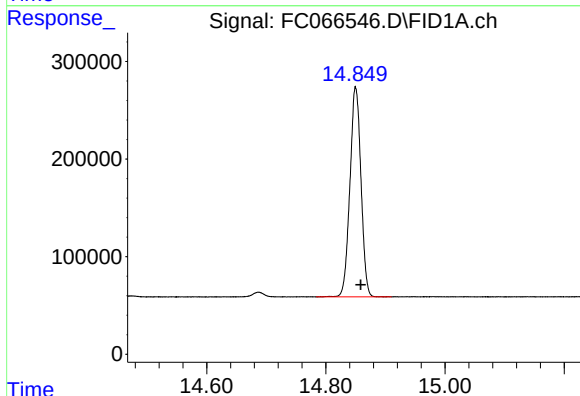
#13 n-Docosane (C22)

R.T.: 13.748 min
Delta R.T.: -0.008 min
Response: 2790461
Conc: 21.17 ug/ml

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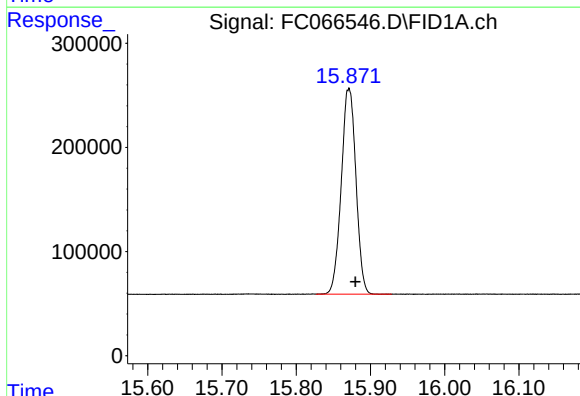
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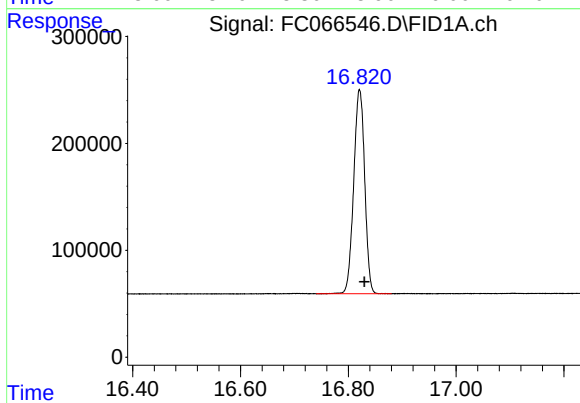
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.009 min
Response: 2766807
Conc: 21.25 ug/ml



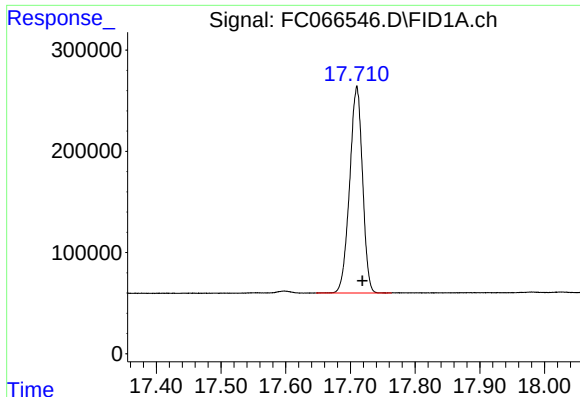
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: -0.009 min
Response: 2711070
Conc: 21.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.009 min
Response: 2701808
Conc: 21.76 ug/ml



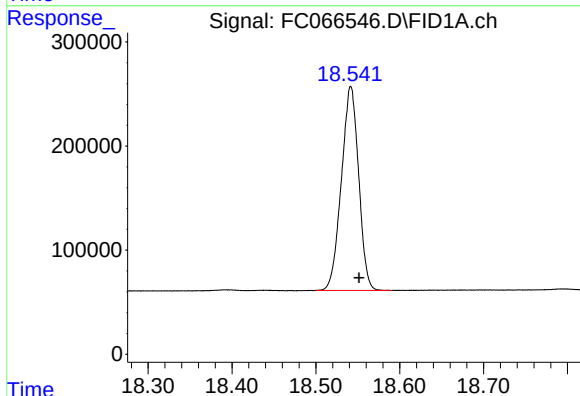
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.009 min
Response: 2819803
Conc: 22.37 ug/ml

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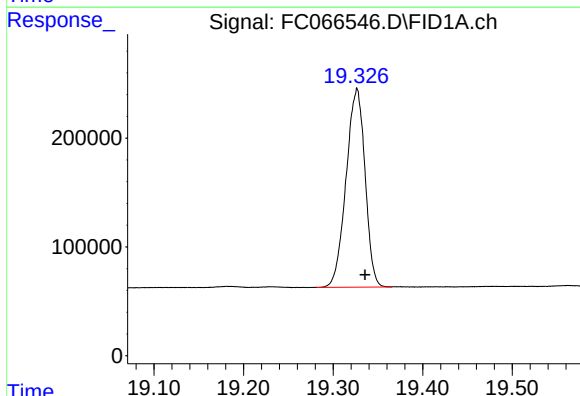
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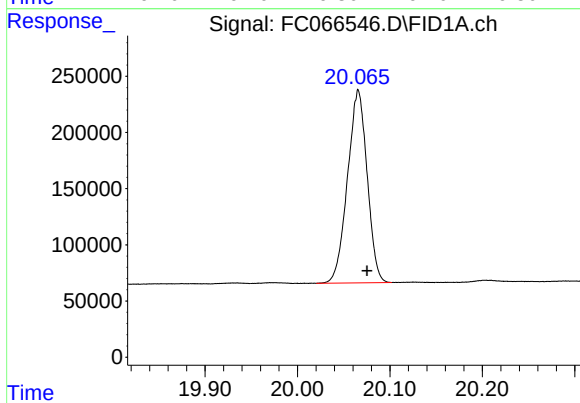
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.010 min
Response: 2802072
Conc: 22.77 ug/ml



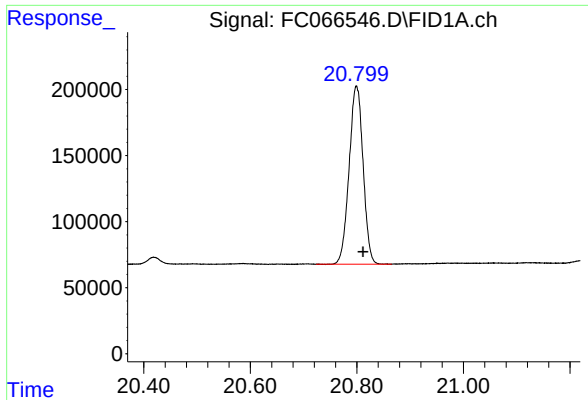
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.009 min
Response: 2684295
Conc: 22.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.010 min
Response: 2529544
Conc: 20.88 ug/ml



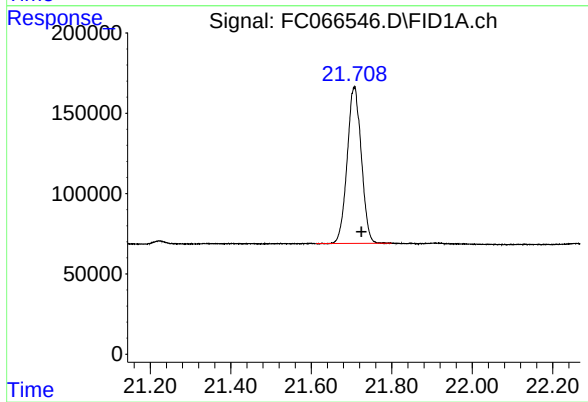
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.012 min
Response: 2451781
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: -0.018 min
Response: 2374016
Conc: 19.38 ug/ml