

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066531.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 10:56
 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 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File: autoint1.e
 Quant Time: Jun 06 04:41:39 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)	11.555	3122564	20.544 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	12.993	2370763	20.747 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
Target Compounds			
1) T n-Nonane (C9)	3.310	2803334	20.030 ug/ml
2) T n-Decane (C10)	4.379	2913485	20.249 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3201635	20.092 ug/ml
4) T n-Dodecane (C12)	6.400	2923859	20.305 ug/ml
5) T A~2-methylnaphthalene...	7.020	3095674	20.185 ug/ml
6) T n-Tetradecane (C14)	8.196	2867601	20.313 ug/ml
7) T n-Hexadecane (C16)	9.798	2944008	20.485 ug/ml
8) T n-Octadecane (C18)	11.240	2950817	20.620 ug/ml
10) T n-Eicosane (C20)	12.550	2821071	20.733 ug/ml
11) T n-Heneicosane (C21)	13.161	2767979	20.764 ug/ml
13) T n-Docosane (C22)	13.748	2758096	20.927 ug/ml
14) T n-Tetracosane (C24)	14.851	2737811	21.032 ug/ml
15) T n-Hexacosane (C26)	15.873	2670855	21.001 ug/ml
16) T n-Octacosane (C28)	16.822	2644842	21.304 ug/ml
17) T n-Tricontane (C30)	17.710	2740610	21.746 ug/ml
18) T n-Dotriacontane (C32)	18.542	2706931	21.994 ug/ml
19) T n-Tetratriacontane (C34)	19.325	2599774	21.678 ug/mlm
20) T n-Hexatriacontane (C36)	20.066	2555126	21.090 ug/ml
21) T n-Octatriacontane (C38)	20.799	2392457	20.681 ug/ml
22) T n-Tetracontane (C40)	21.710	2319750	18.938 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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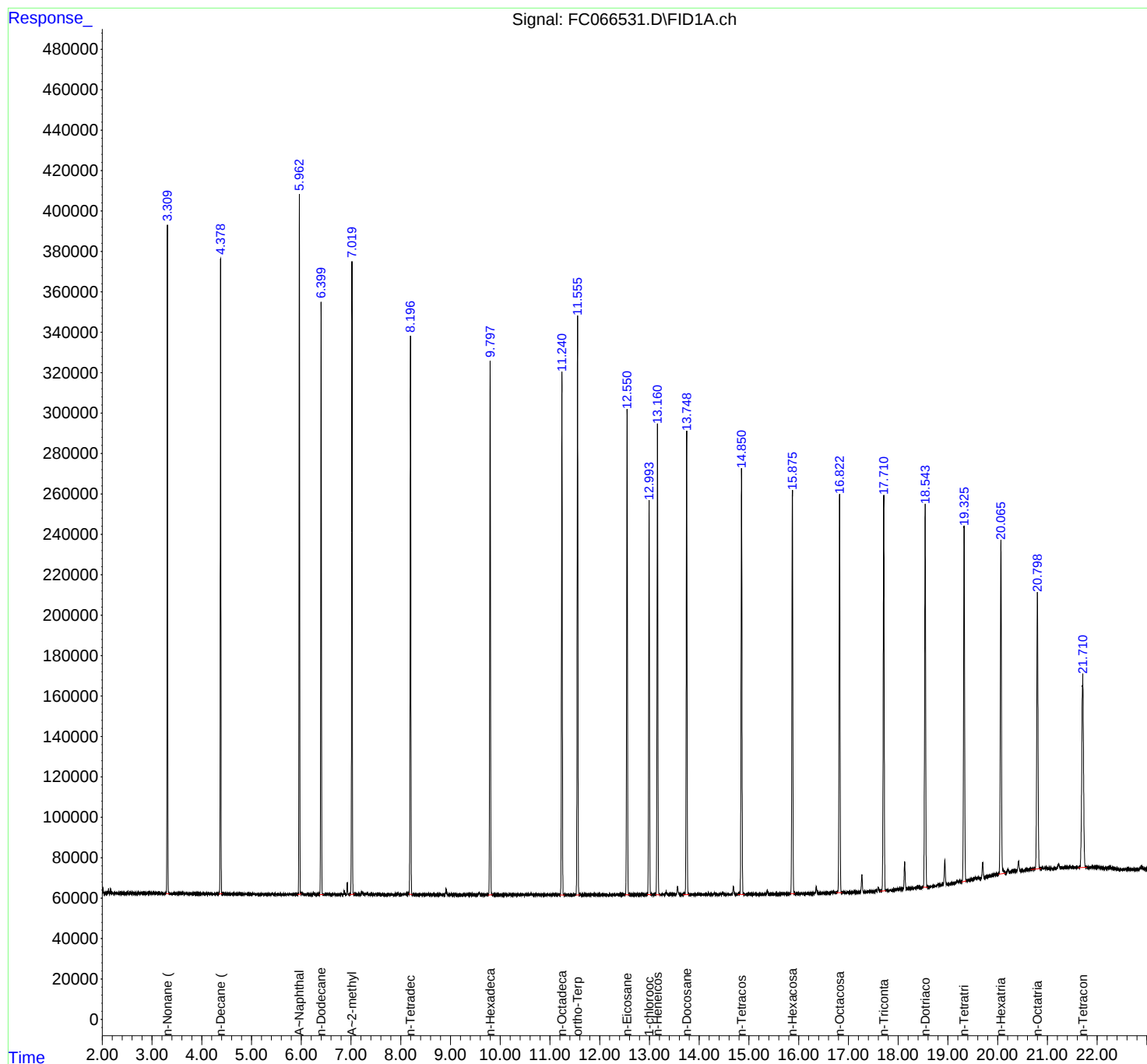
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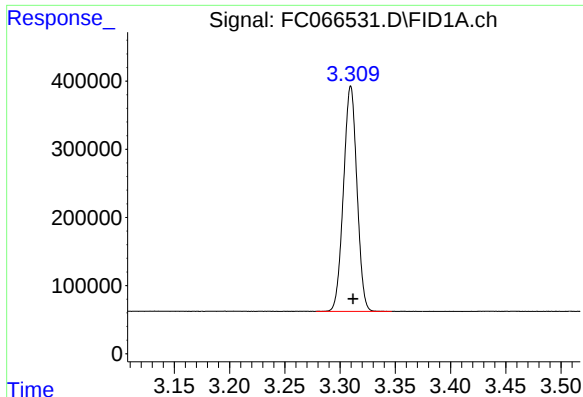
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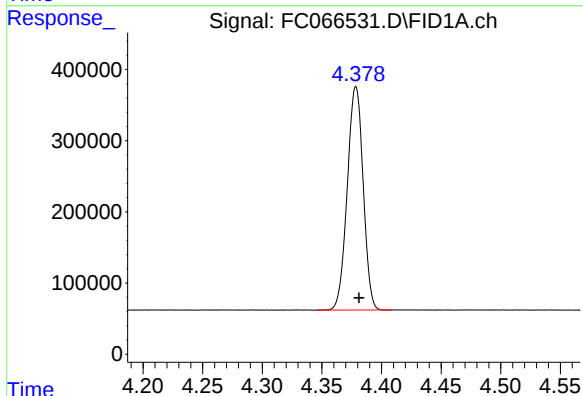
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 2803334
Conc: 20.03 ug/ml

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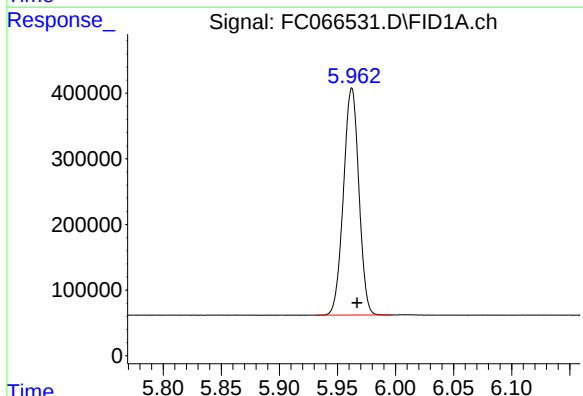
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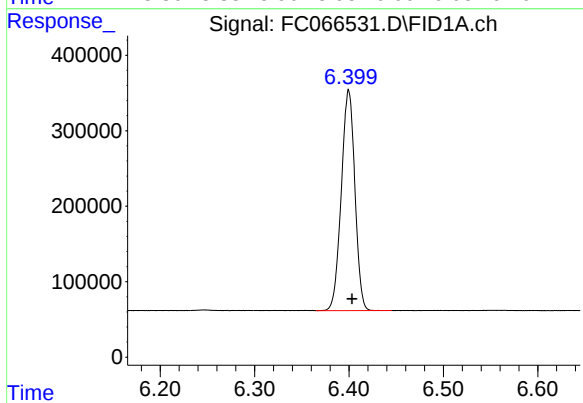
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.003 min
Response: 2913485
Conc: 20.25 ug/ml



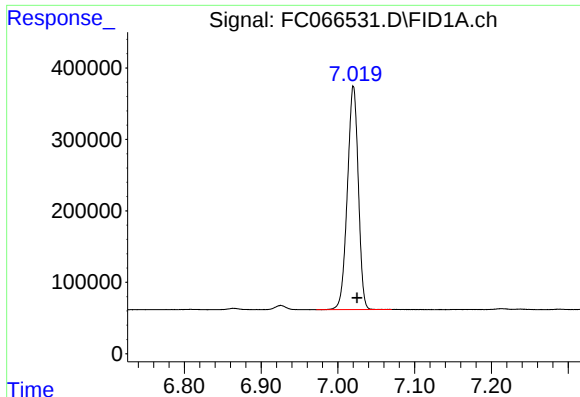
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 3201635
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 2923859
Conc: 20.31 ug/ml



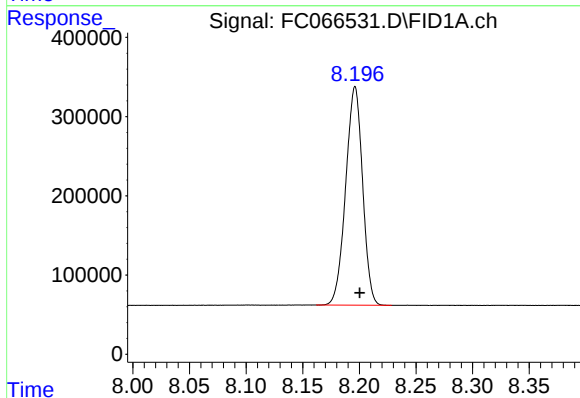
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 3095674
Conc: 20.19 ug/ml

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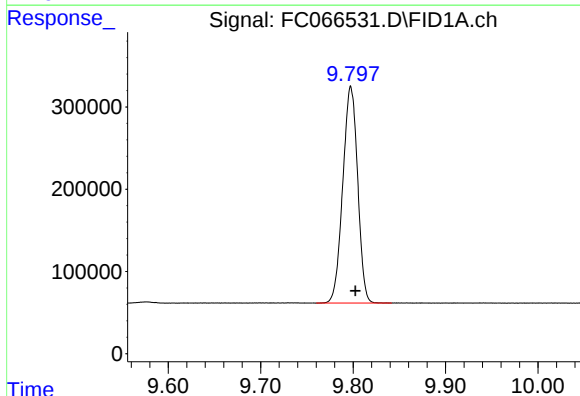
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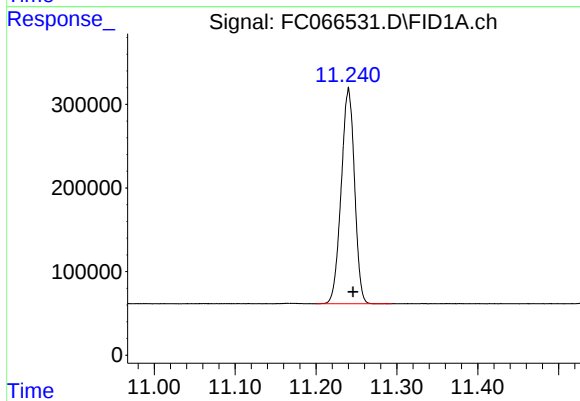
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.004 min
Response: 2867601
Conc: 20.31 ug/ml



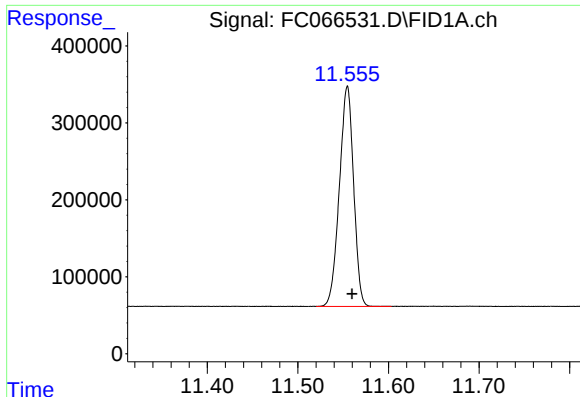
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.005 min
Response: 2944008
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.006 min
Response: 2950817
Conc: 20.62 ug/ml



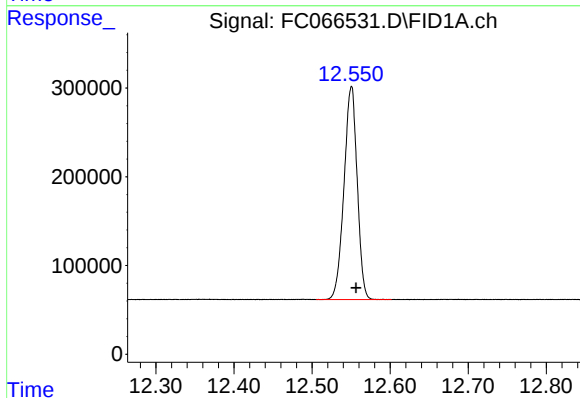
#9 ortho-Terphenyl (SURR)

R.T.: 11.555 min
Delta R.T.: -0.005 min
Response: 3122564
Conc: 20.54 ug/ml

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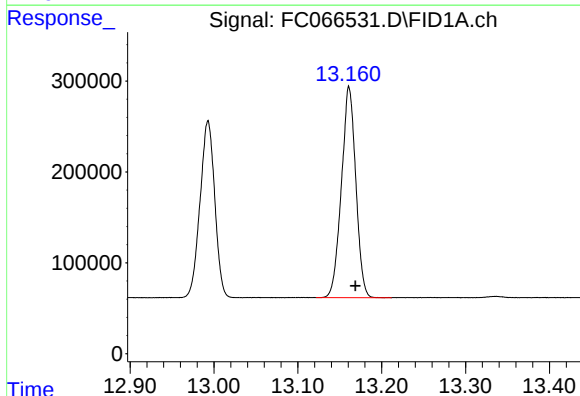
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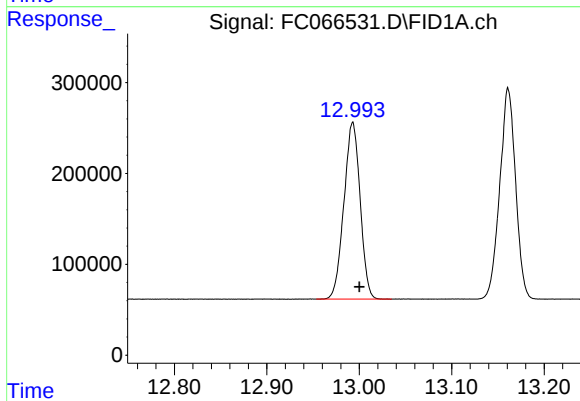
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.006 min
Response: 2821071
Conc: 20.73 ug/ml



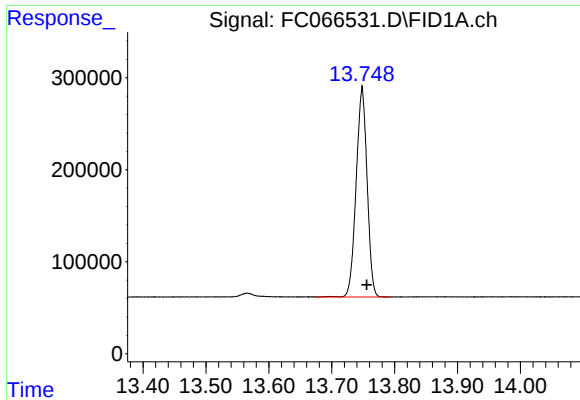
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.007 min
Response: 2767979
Conc: 20.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.007 min
Response: 2370763
Conc: 20.75 ug/ml



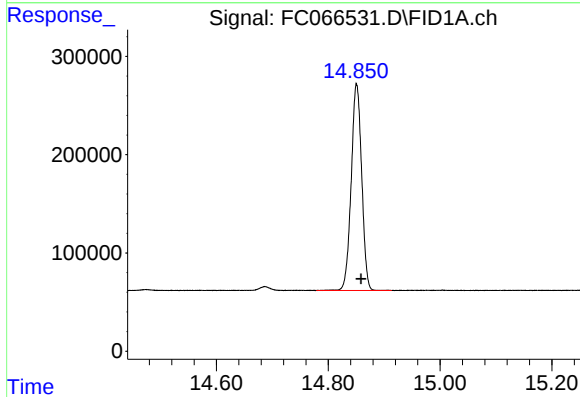
#13 n-Docosane (C22)

R.T.: 13.748 min
Delta R.T.: -0.007 min
Response: 2758096
Conc: 20.93 ug/ml

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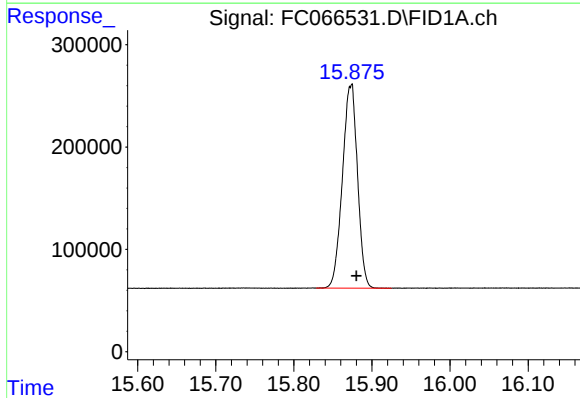
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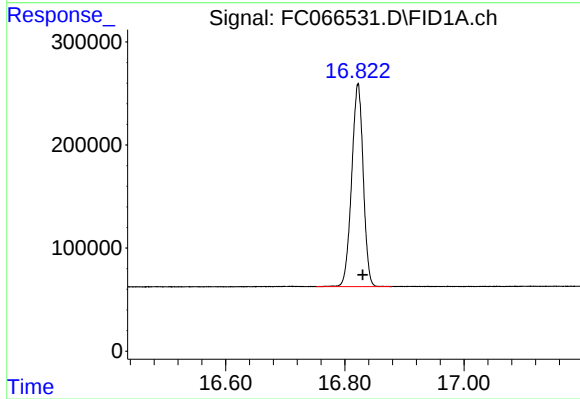
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.008 min
Response: 2737811
Conc: 21.03 ug/ml



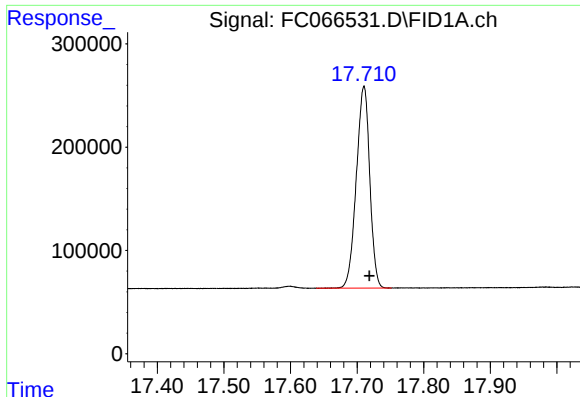
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.007 min
Response: 2670855
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.008 min
Response: 2644842
Conc: 21.30 ug/ml



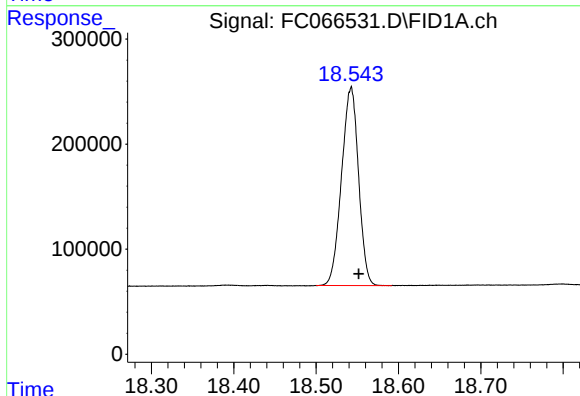
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.009 min
Response: 2740610
Conc: 21.75 ug/ml

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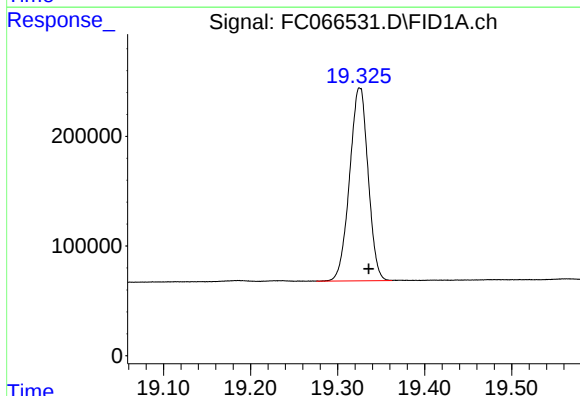
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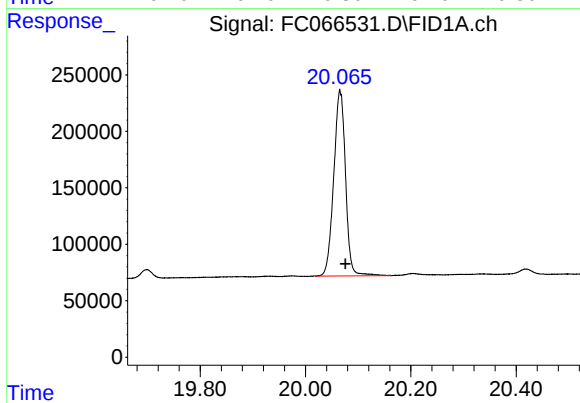
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.009 min
Response: 2706931
Conc: 21.99 ug/ml



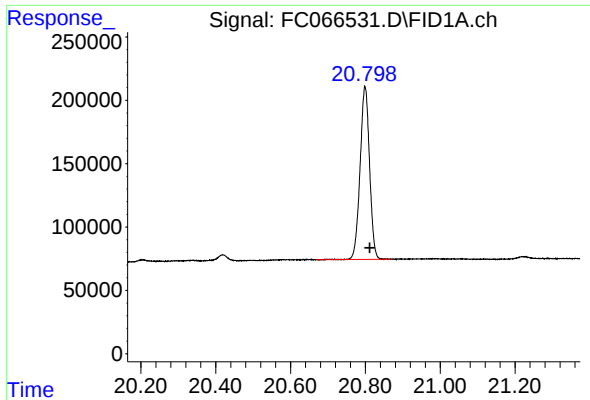
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.011 min
Response: 2599774
Conc: 21.68 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.010 min
Response: 2555126
Conc: 21.09 ug/ml



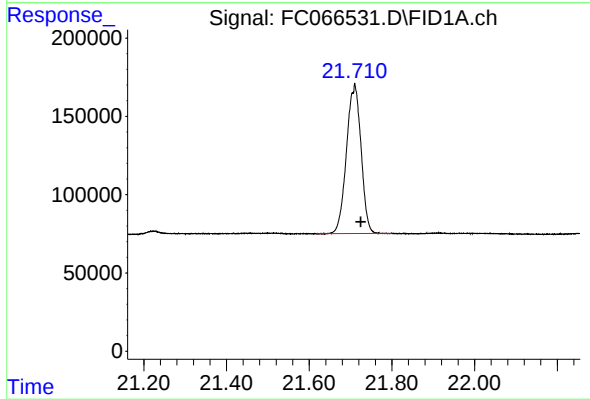
#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.013 min
Response: 2392457
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 2319750
Conc: 18.94 ug/ml