

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042723AL\
 Data File : FC063485.D
 Signal(s) : FID1A.ch
 Acq On : 28 Apr 2023 02:12
 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

Integration File: autoint1.e
 Quant Time: Apr 28 02:52:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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)	11.529	3097421	20.358 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
12) S 1-chlorooctadecane (S...	12.966	2304936	20.832 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
Target Compounds			
1) T n-Nonane (C9)	3.299	2774281	19.760 ug/ml
2) T n-Decane (C10)	4.365	2754870	20.216 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3008100	19.921 ug/ml
4) T n-Dodecane (C12)	6.383	2747778	20.426 ug/ml
5) T A~2-methylnaphthalene...	7.006	2808367	20.163 ug/ml
6) T n-Tetradecane (C14)	8.177	2676920	19.774 ug/ml
7) T n-Hexadecane (C16)	9.777	2760146	20.326 ug/ml
8) T n-Octadecane (C18)	11.215	2822233	20.375 ug/ml
10) T n-Eicosane (C20)	12.523	2748039	20.454 ug/ml
11) T n-Heneicosane (C21)	13.133	2752645	20.452 ug/ml
13) T n-Docosane (C22)	13.717	2725650	20.439 ug/ml
14) T n-Tetracosane (C24)	14.819	2822705	20.994 ug/ml
15) T n-Hexacosane (C26)	15.837	2783777	20.797 ug/ml
16) T n-Octacosane (C28)	16.784	2867336	21.176 ug/ml
17) T n-Tricontane (C30)	17.669	3036827	21.953 ug/ml
18) T n-Dotriacontane (C32)	18.499	3143288	22.265 ug/ml
19) T n-Tetratriacontane (C34)	19.279	3011520	21.822 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2794143	21.860 ug/ml
21) T n-Octatriacontane (C38)	20.744	2650305	21.524 ug/ml
22) T n-Tetracontane (C40)	21.635	2429764	20.647 ug/ml

(f)=RT Delta > 1/2 Window

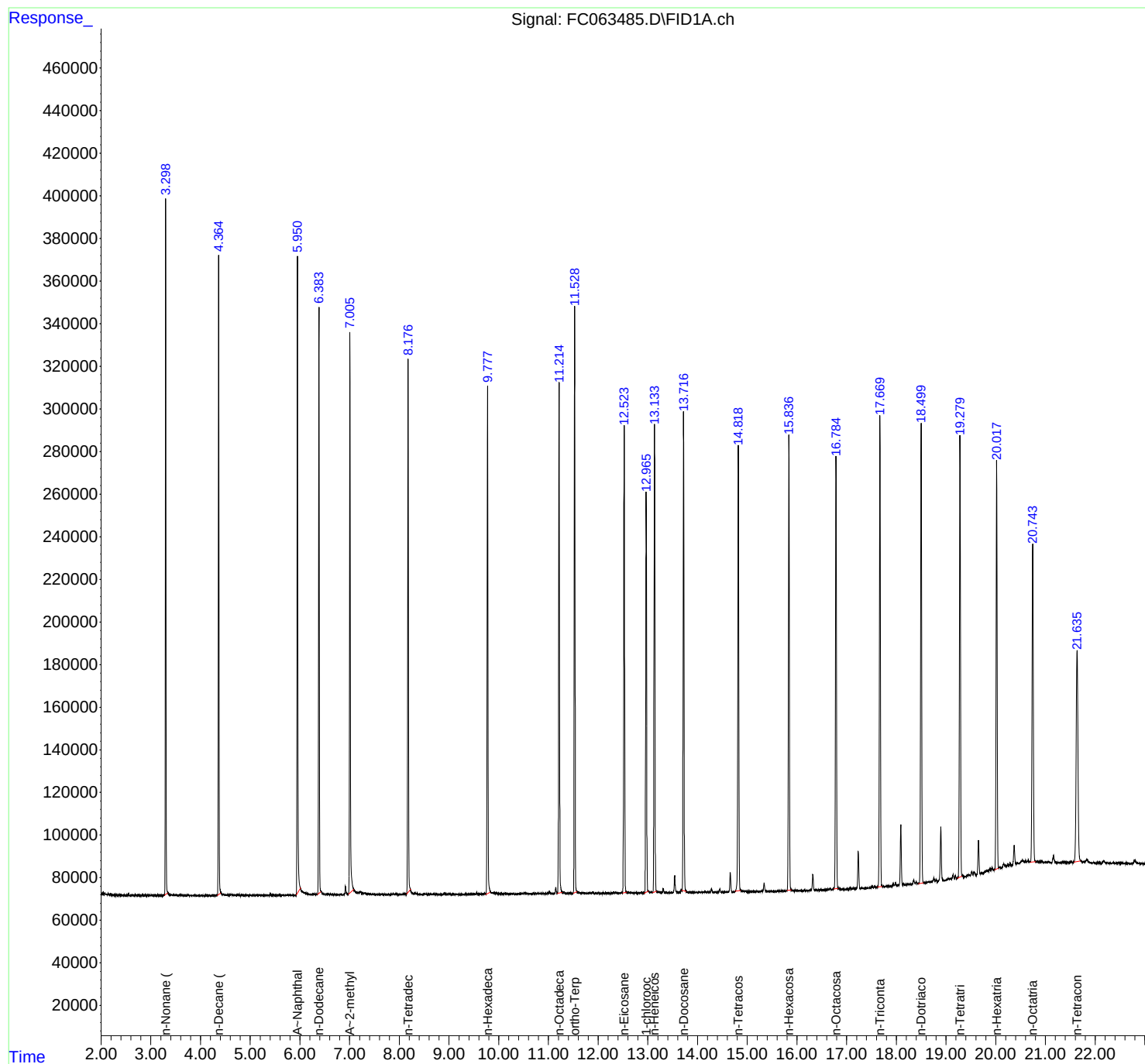
(m)=manual int.

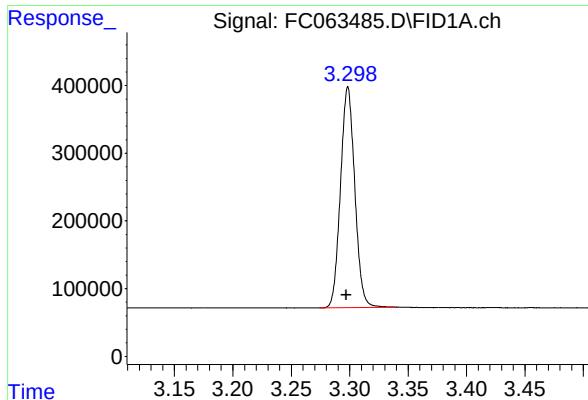
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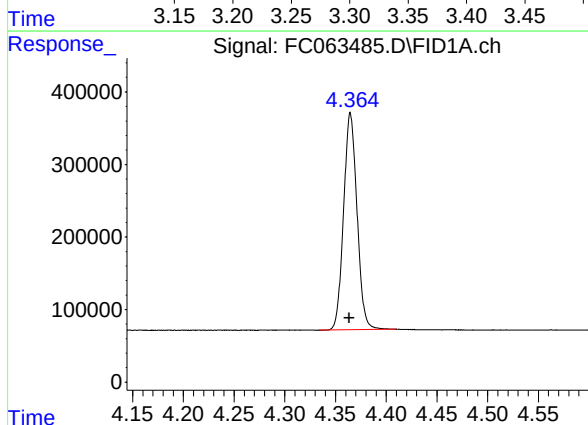




#1 n-Nonane (C9)

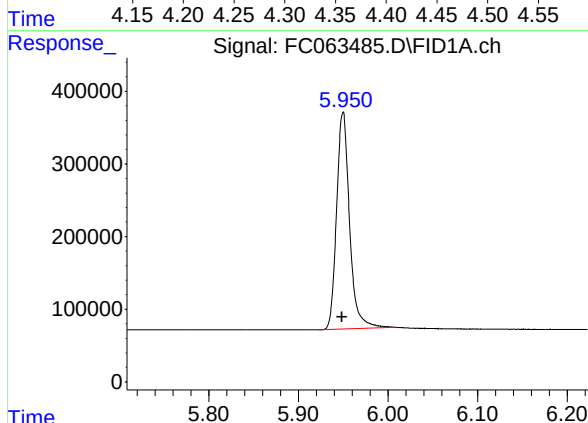
R.T.: 3.299 min
Delta R.T.: 0.002 min
Response: 2774281
Conc: 19.76 ug/ml

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20 PPM ALIPHATIC HC STD



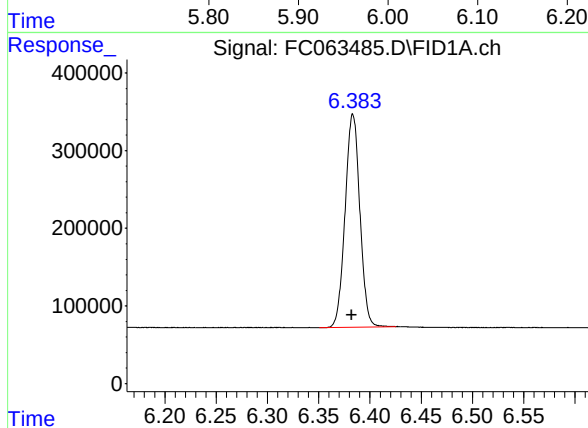
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 2754870
Conc: 20.22 ug/ml



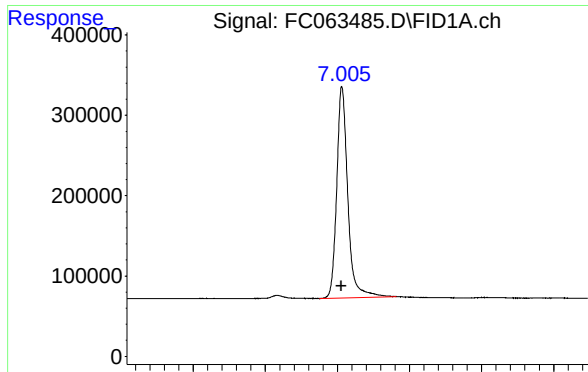
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 3008100
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

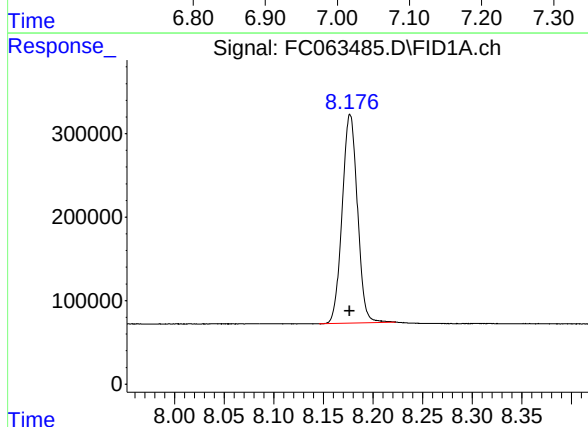
R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 2747778
Conc: 20.43 ug/ml



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

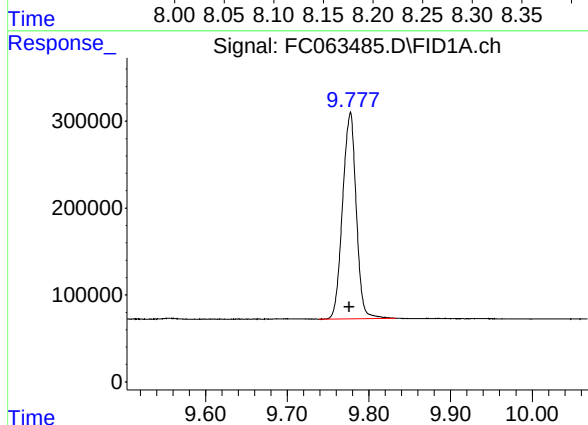
R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 2808367
Conc: 20.16 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



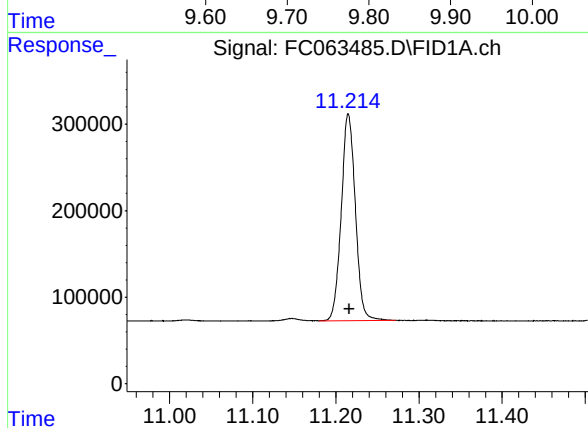
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2676920
Conc: 19.77 ug/ml



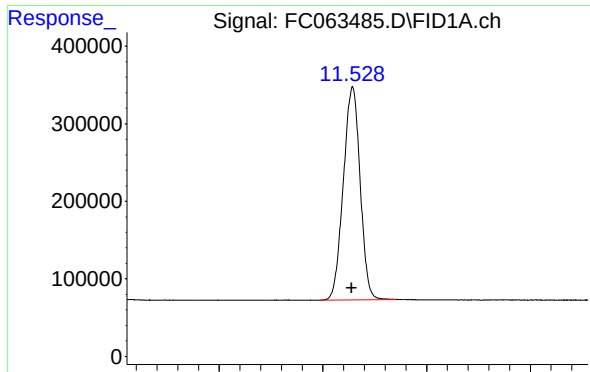
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.001 min
Response: 2760146
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

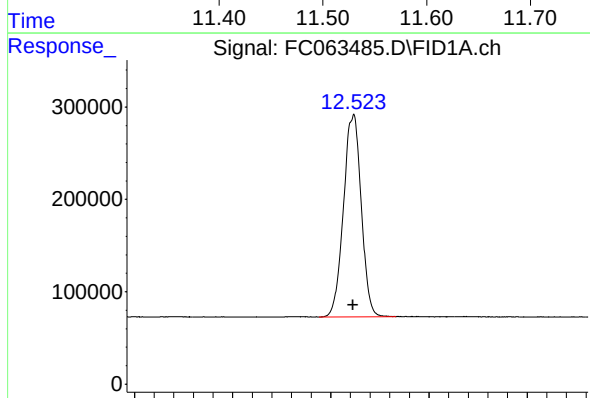
R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 2822233
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

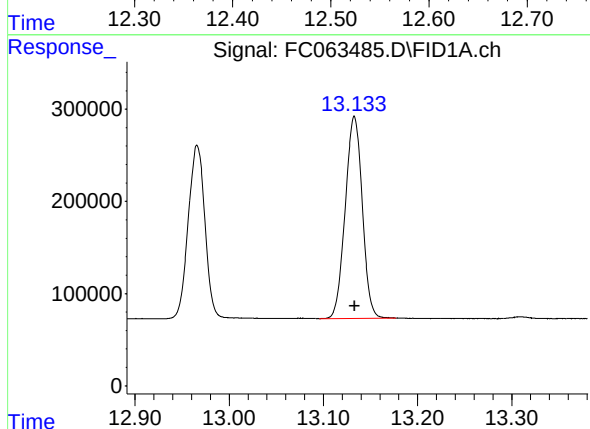
R.T.: 11.529 min
Delta R.T.: 0.000 min
Response: 3097421
Conc: 20.36 ug/ml

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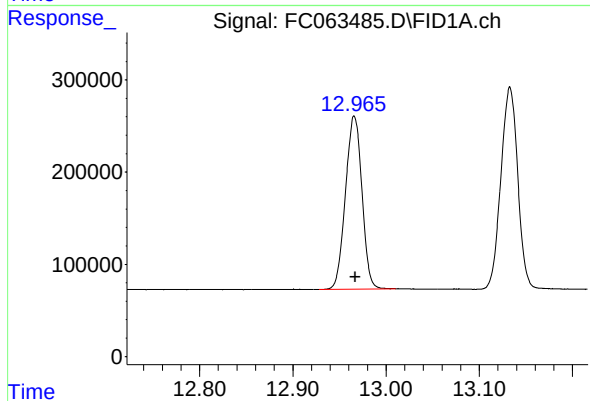
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 2748039
Conc: 20.45 ug/ml



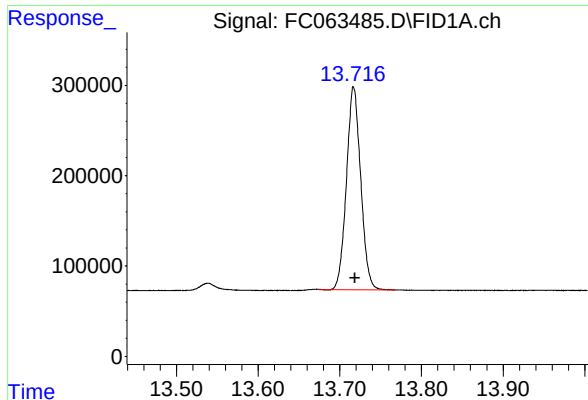
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 2752645
Conc: 20.45 ug/ml



#12 1-chlorooctadecane (SURR)

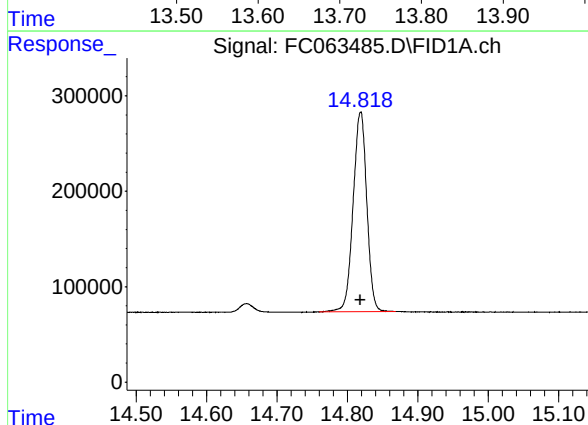
R.T.: 12.966 min
Delta R.T.: -0.001 min
Response: 2304936
Conc: 20.83 ug/ml



#13 n-Docosane (C22)

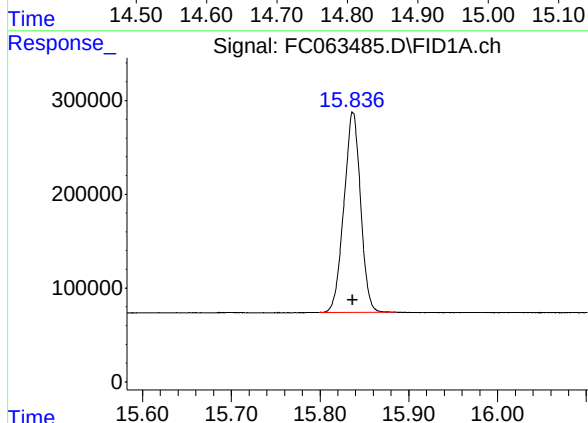
R.T.: 13.717 min
Delta R.T.: -0.001 min
Response: 2725650
Conc: 20.44 ug/ml

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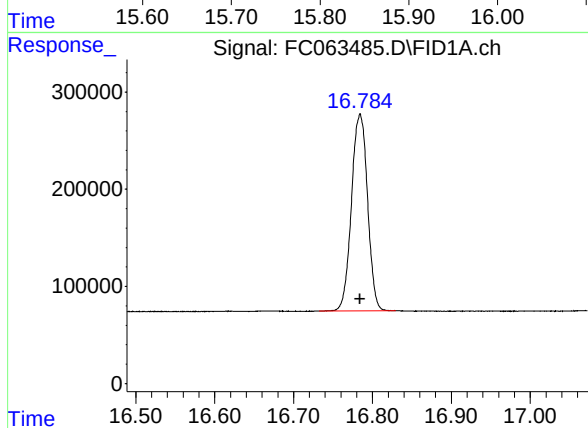
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 2822705
Conc: 20.99 ug/ml



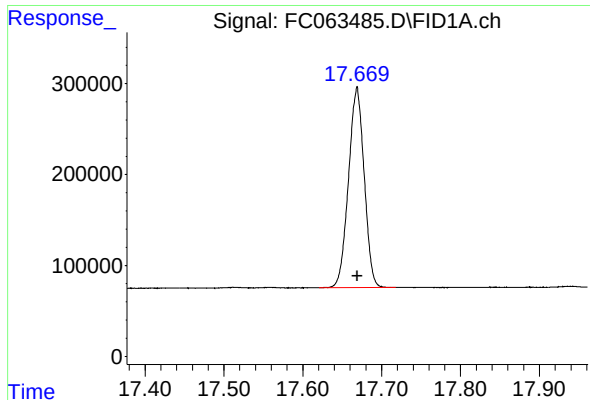
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.000 min
Response: 2783777
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

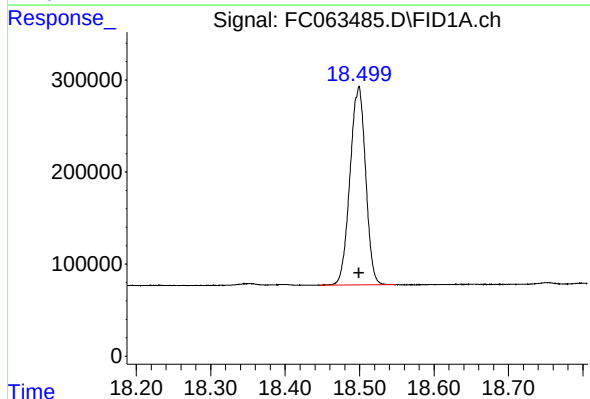
R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 2867336
Conc: 21.18 ug/ml



#17 n-Tricontane (C30)

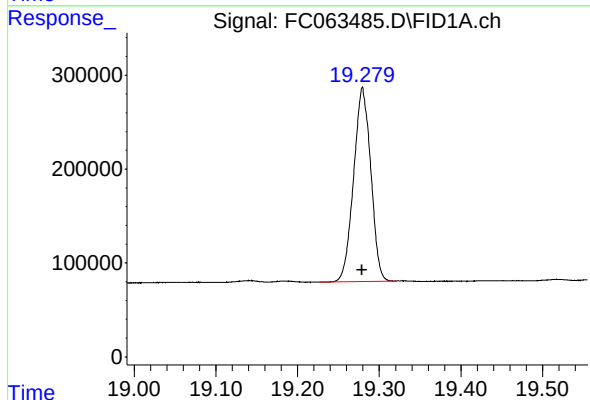
R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 3036827
Conc: 21.95 ug/ml

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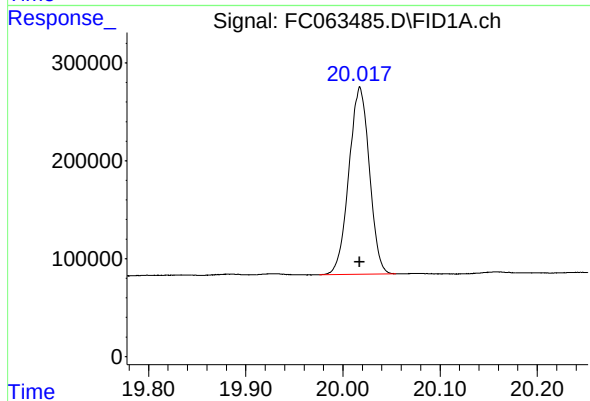
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 3143288
Conc: 22.26 ug/ml



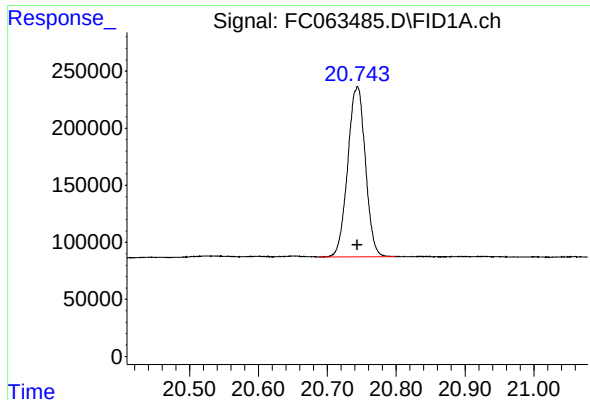
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 3011520
Conc: 21.82 ug/ml



#20 n-Hexatriacontane (C36)

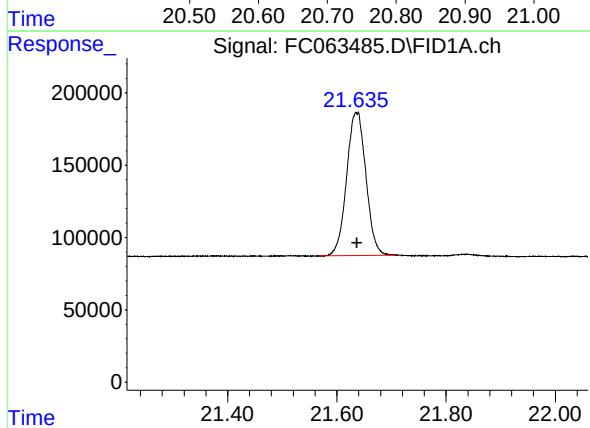
R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 2794143
Conc: 21.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.000 min
Response: 2650305
Conc: 21.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.001 min
Response: 2429764
Conc: 20.65 ug/ml