

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050123AL\
 Data File : FC063513.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 08:45
 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: May 02 09:14:28 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)	11.532	2884086	18.956 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	12.969	2127831	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.298	2532702	18.040 ug/ml
2) T n-Decane (C10)	4.365	2532943	18.587 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2766839	18.323 ug/ml
4) T n-Dodecane (C12)	6.384	2531083	18.815 ug/ml
5) T A~2-methylnaphthalene...	7.007	2571280	18.461 ug/ml
6) T n-Tetradecane (C14)	8.178	2496660	18.442 ug/ml
7) T n-Hexadecane (C16)	9.777	2567007	18.903 ug/ml
8) T n-Octadecane (C18)	11.218	2636627	19.035 ug/ml
10) T n-Eicosane (C20)	12.525	2570140	19.130 ug/ml
11) T n-Heneicosane (C21)	13.136	2580547	19.174 ug/ml
13) T n-Docosane (C22)	13.722	2554501	19.156 ug/ml
14) T n-Tetracosane (C24)	14.822	2626989	19.538 ug/ml
15) T n-Hexacosane (C26)	15.841	2597545	19.406 ug/ml
16) T n-Octacosane (C28)	16.788	2671594	19.731 ug/ml
17) T n-Tricontane (C30)	17.675	2816209	20.358 ug/ml
18) T n-Dotriacontane (C32)	18.505	2891072	20.478 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2751066	19.935 ug/ml
20) T n-Hexatriacontane (C36)	20.023	2502454	19.578 ug/ml
21) T n-Octatriacontane (C38)	20.750	2354573	19.122 ug/ml
22) T n-Tetracontane (C40)	21.645	2319585	19.711 ug/ml

(f)=RT Delta > 1/2 Window

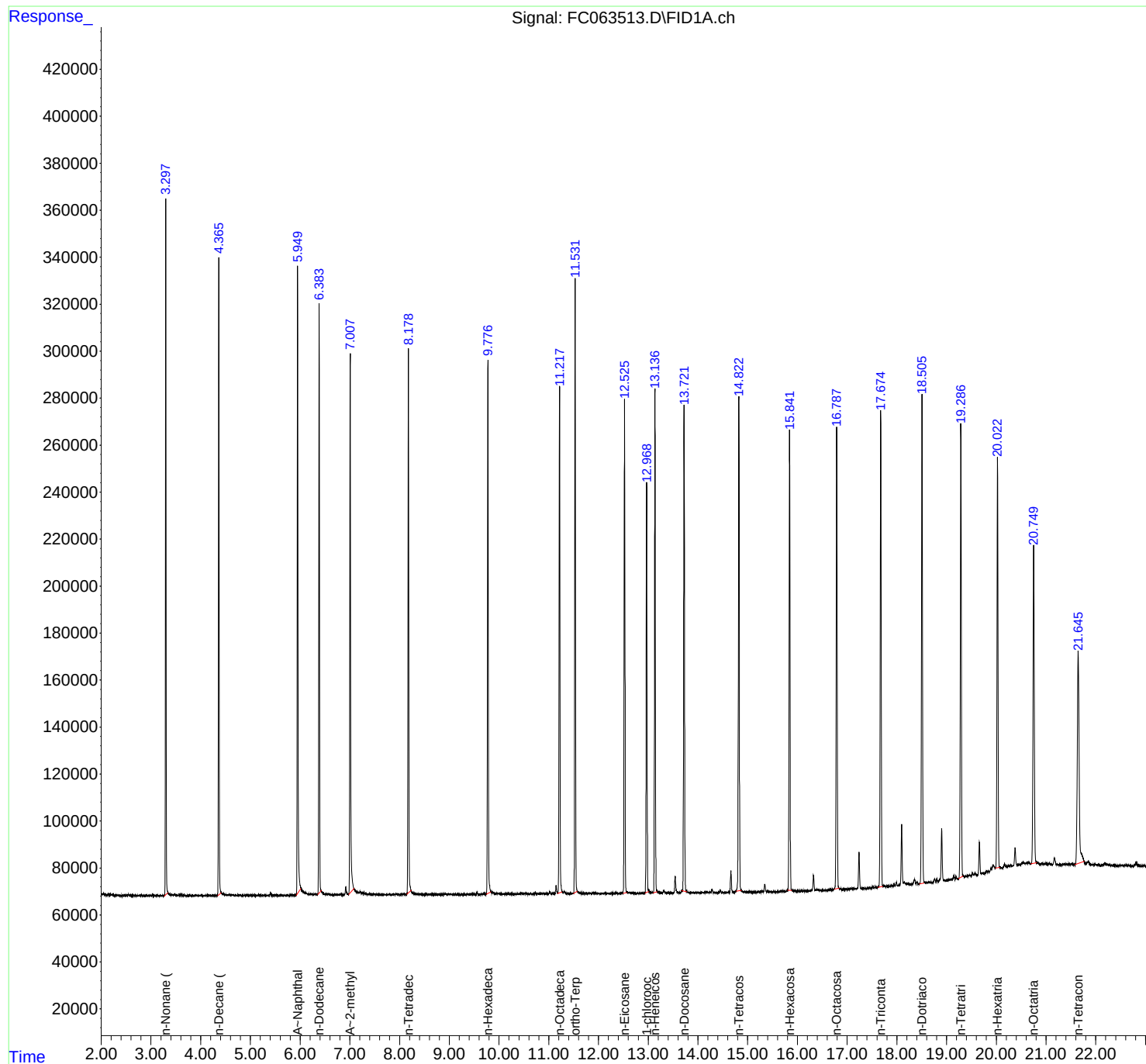
(m)=manual int.

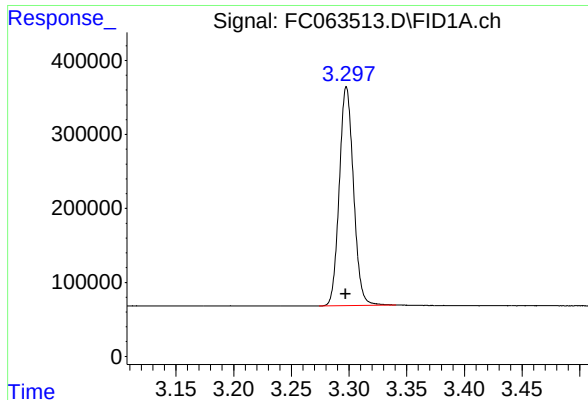
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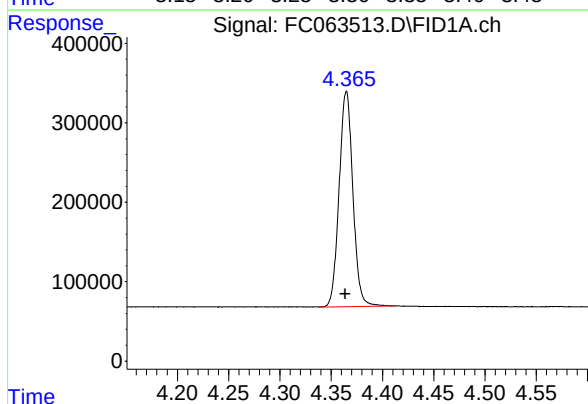




#1 n-Nonane (C9)

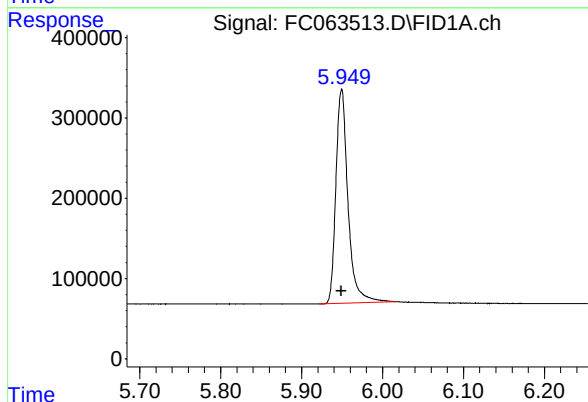
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 2532702
Conc: 18.04 ug/ml

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20 PPM ALIPHATIC HC STD



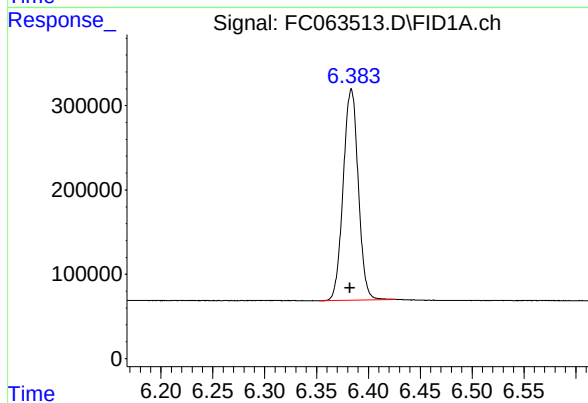
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 2532943
Conc: 18.59 ug/ml



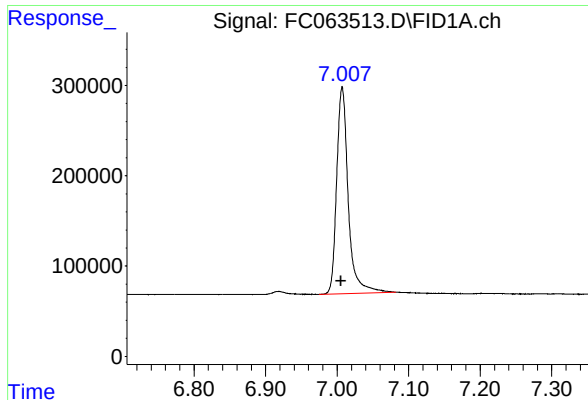
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2766839
Conc: 18.32 ug/ml



#4 n-Dodecane (C12)

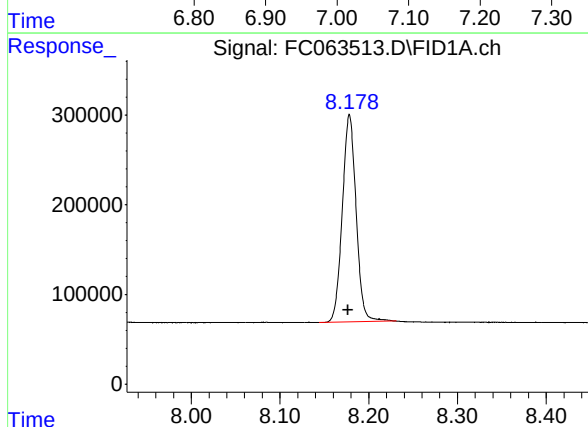
R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 2531083
Conc: 18.81 ug/ml



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

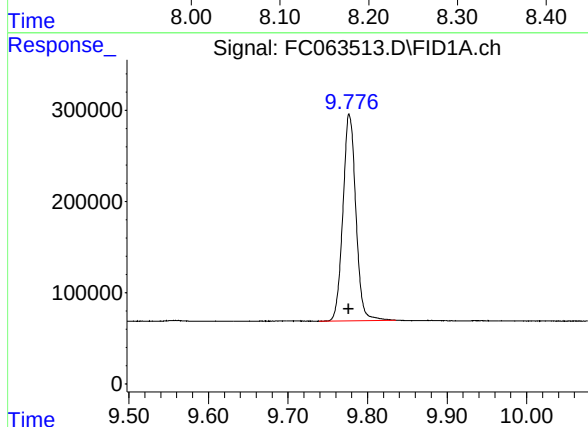
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 2571280
Conc: 18.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



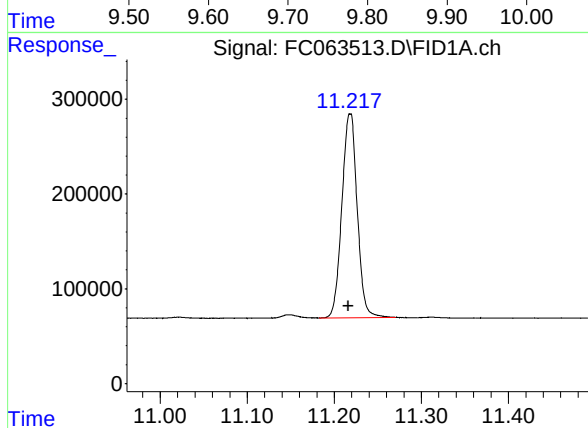
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2496660
Conc: 18.44 ug/ml



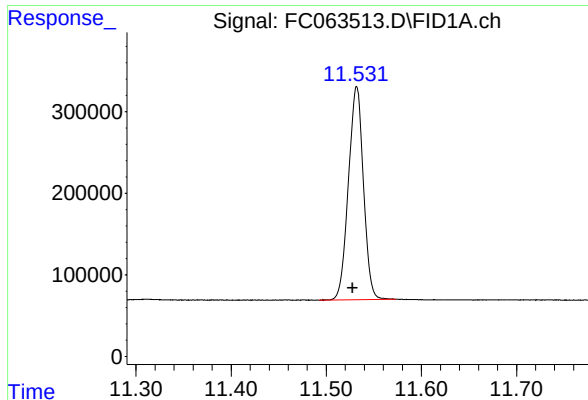
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.001 min
Response: 2567007
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

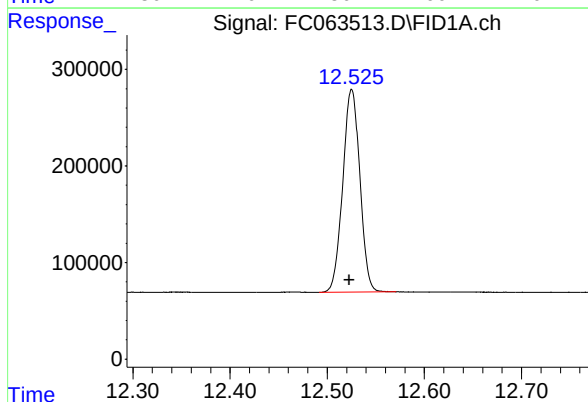
R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 2636627
Conc: 19.04 ug/ml



#9 ortho-Terphenyl (SURR)

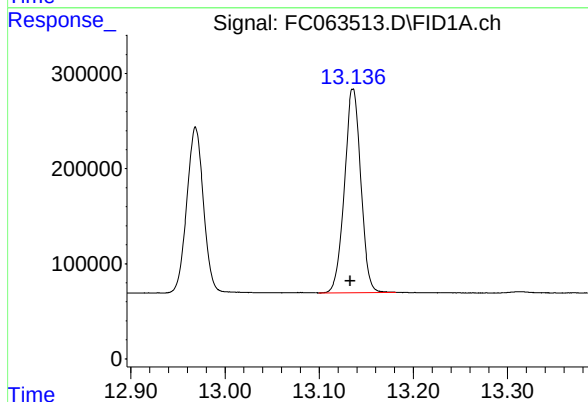
R.T.: 11.532 min
Delta R.T.: 0.004 min
Response: 2884086
Conc: 18.96 ug/ml

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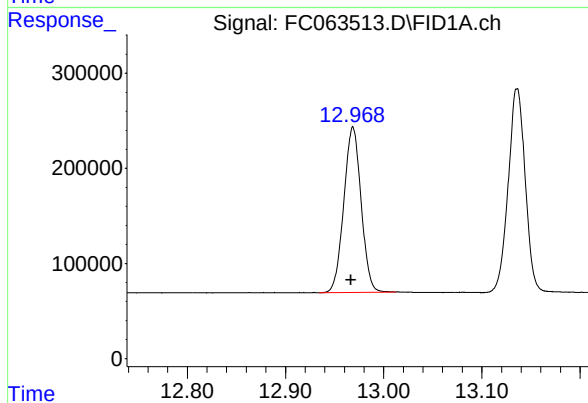
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.003 min
Response: 2570140
Conc: 19.13 ug/ml



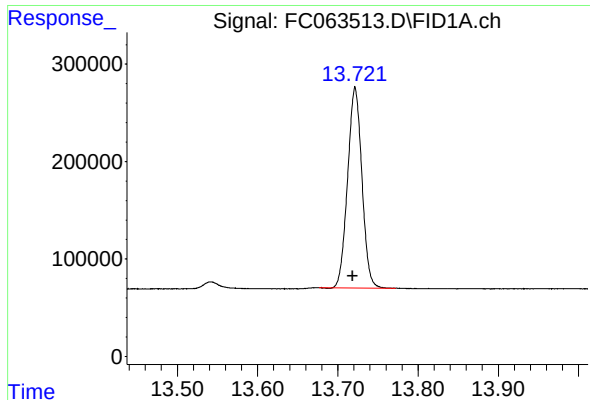
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.003 min
Response: 2580547
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

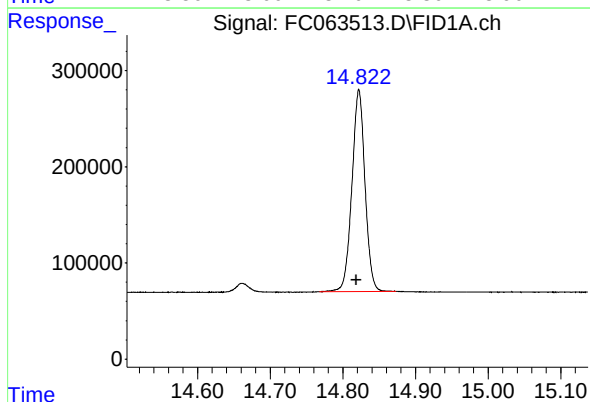
R.T.: 12.969 min
Delta R.T.: 0.002 min
Response: 2127831
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

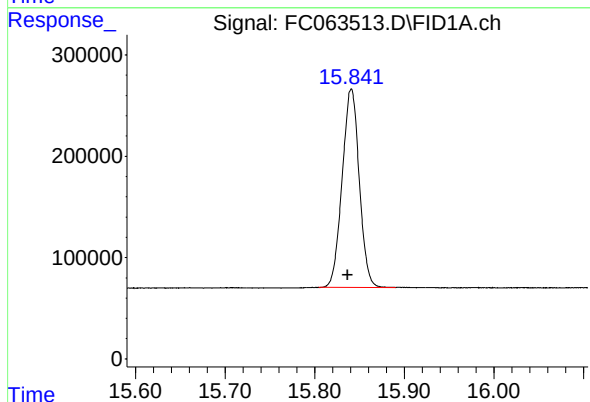
R.T.: 13.722 min
Delta R.T.: 0.003 min
Response: 2554501
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



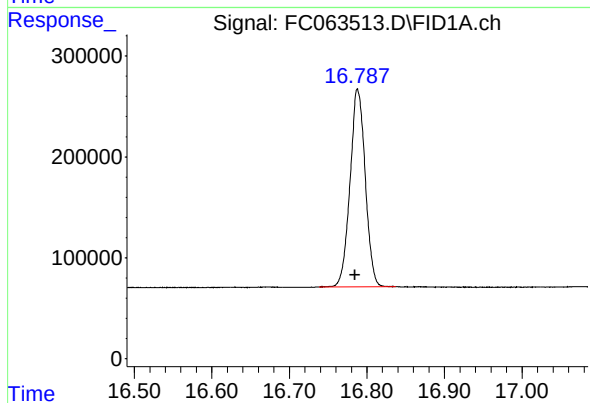
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2626989
Conc: 19.54 ug/ml



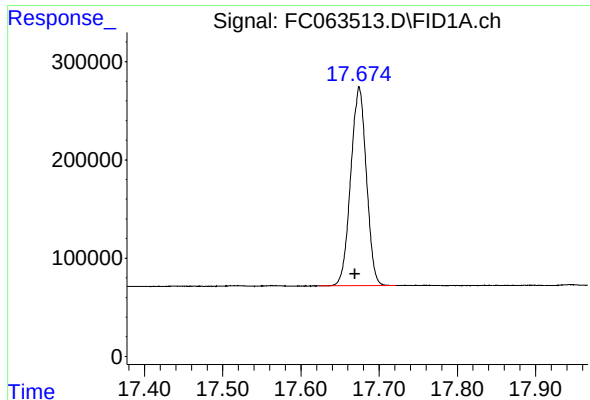
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.004 min
Response: 2597545
Conc: 19.41 ug/ml



#16 n-Octacosane (C28)

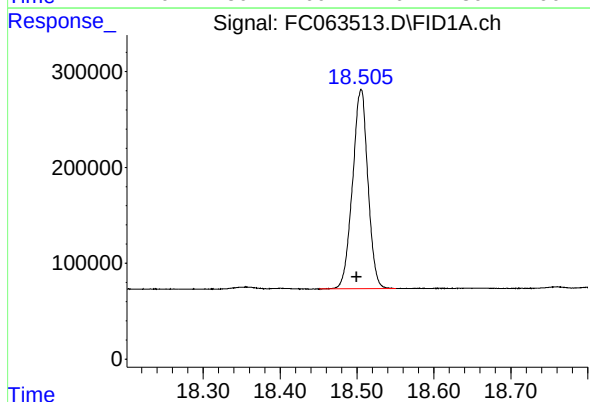
R.T.: 16.788 min
Delta R.T.: 0.004 min
Response: 2671594
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

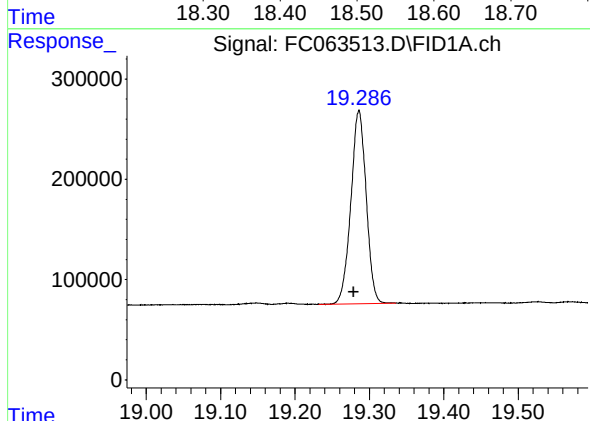
R.T.: 17.675 min
Delta R.T.: 0.005 min
Response: 2816209
Conc: 20.36 ug/ml

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20 PPM ALIPHATIC HC STD



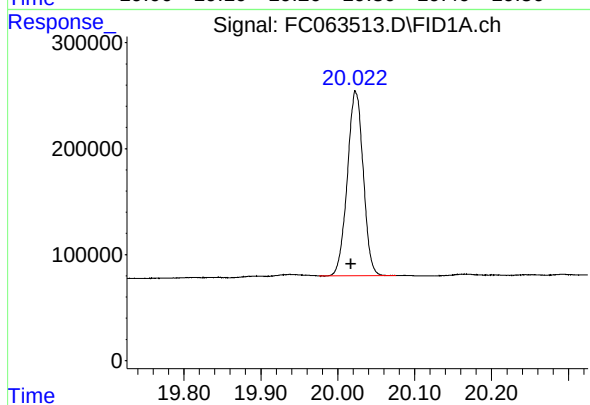
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.006 min
Response: 2891072
Conc: 20.48 ug/ml



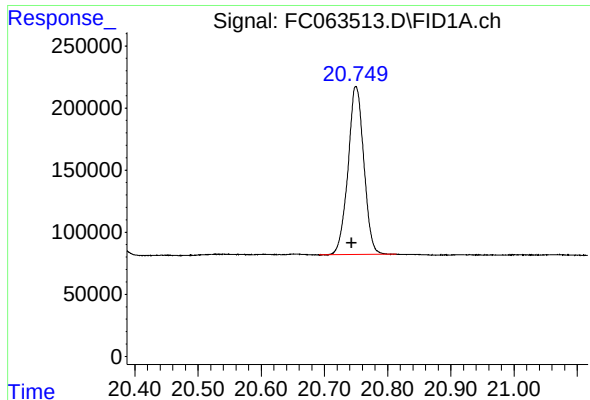
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: 0.007 min
Response: 2751066
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

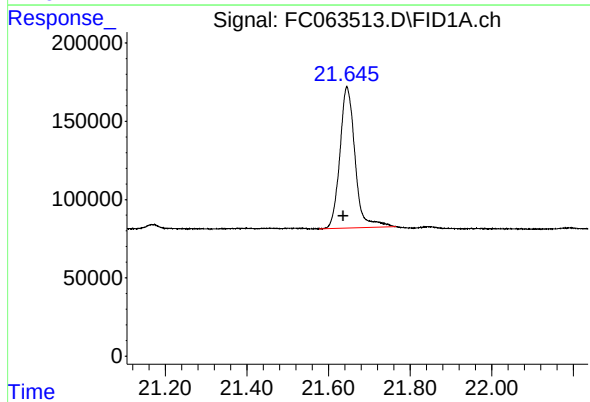
R.T.: 20.023 min
Delta R.T.: 0.006 min
Response: 2502454
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: 0.006 min
Response: 2354573
Conc: 19.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: 0.008 min
Response: 2319585
Conc: 19.71 ug/ml