

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041923AL\
 Data File : FC063403.D
 Signal(s) : FID1A.ch
 Acq On : 19 Apr 2023 10:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 20 00:45:54 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)	11.530	2572575	16.908 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
12) S 1-chlorooctadecane (S...	12.969	1938087	17.516 ug/ml
Spiked Amount 50.000		Recovery =	35.03%
Target Compounds			
1) T n-Nonane (C9)	3.295	2410262	17.167 ug/ml
2) T n-Decane (C10)	4.363	2483407	18.224 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2590918	17.158 ug/ml
4) T n-Dodecane (C12)	6.382	2479837	18.434 ug/ml
5) T A~2-methylnaphthalene...	7.004	2508361	18.009 ug/ml
6) T n-Tetradecane (C14)	8.177	2420086	17.877 ug/ml
7) T n-Hexadecane (C16)	9.778	2419163	17.815 ug/ml
8) T n-Octadecane (C18)	11.218	2441988	17.630 ug/ml
10) T n-Eicosane (C20)	12.525	2432471	18.105 ug/ml
11) T n-Heneicosane (C21)	13.136	2416505	17.955 ug/ml
13) T n-Docosane (C22)	13.721	2396163	17.968 ug/ml
14) T n-Tetracosane (C24)	14.822	2382516	17.720 ug/ml
15) T n-Hexacosane (C26)	15.840	2397117	17.909 ug/ml
16) T n-Octacosane (C28)	16.789	2488668	18.380 ug/ml
17) T n-Tricontane (C30)	17.674	2804186	20.271 ug/ml
18) T n-Dotriacontane (C32)	18.504	2982983	21.129 ug/ml
19) T n-Tetratriacontane (C34)	19.284	2794469	20.249 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2637565	20.635 ug/ml
21) T n-Octatriacontane (C38)	20.748	2450081	19.898 ug/ml
22) T n-Tetracontane (C40)	21.645	2316558	19.685 ug/ml

(f)=RT Delta > 1/2 Window

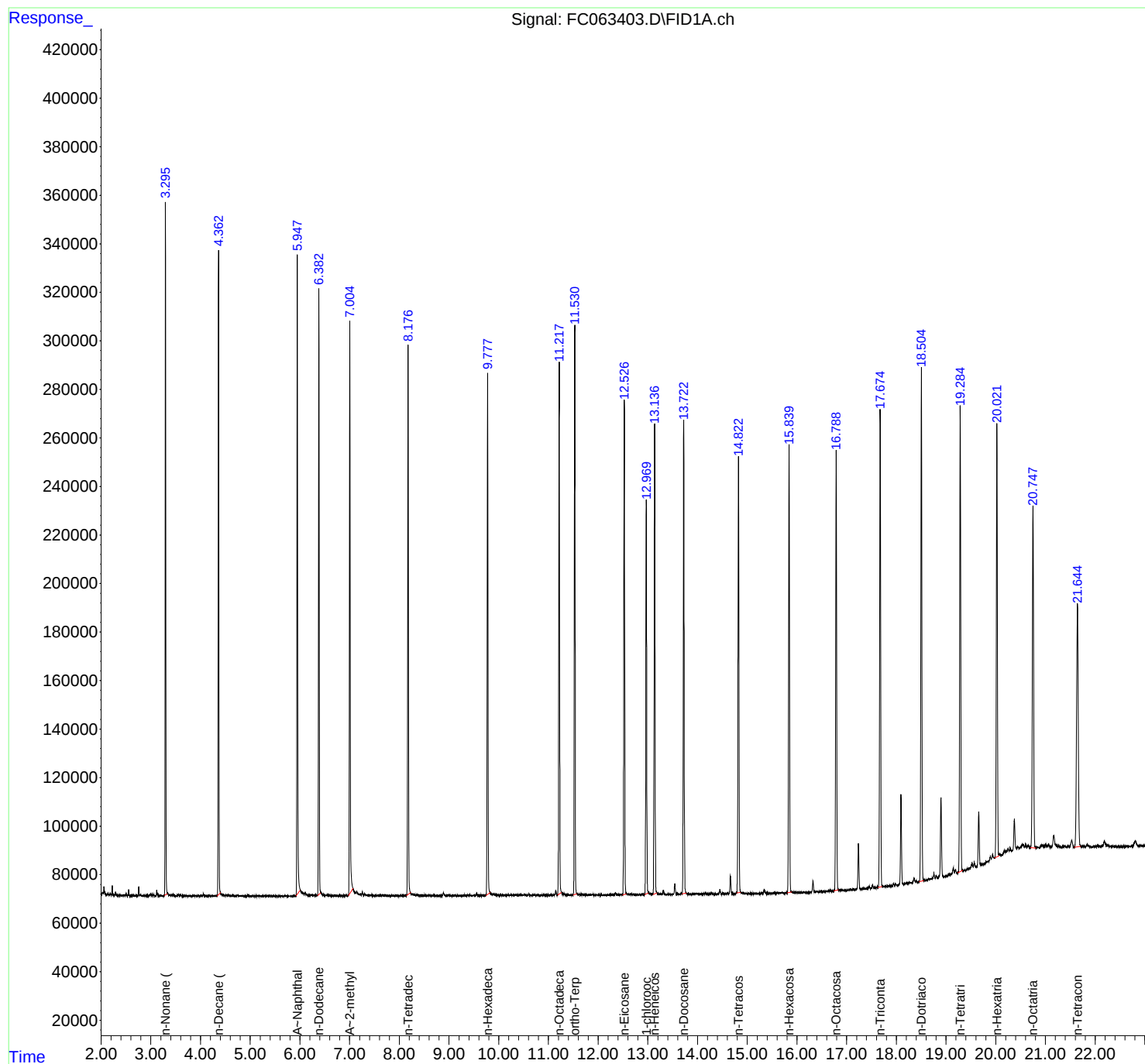
(m)=manual int.

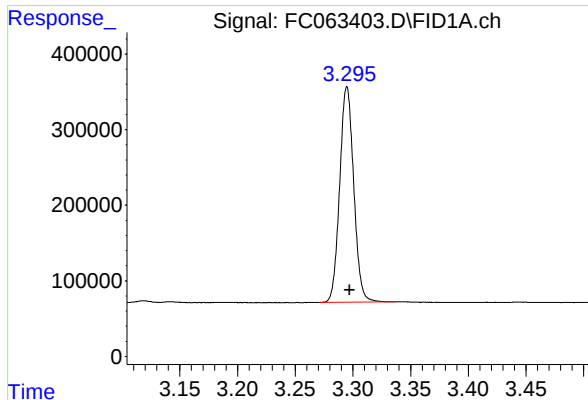
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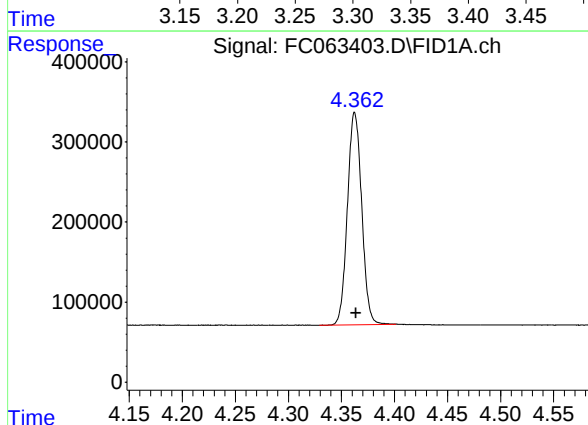




#1 n-Nonane (C9)

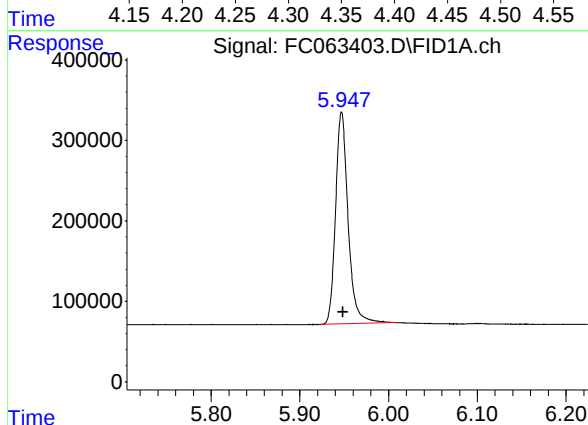
R.T.: 3.295 min
Delta R.T.: -0.002 min
Response: 2410262
Conc: 17.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



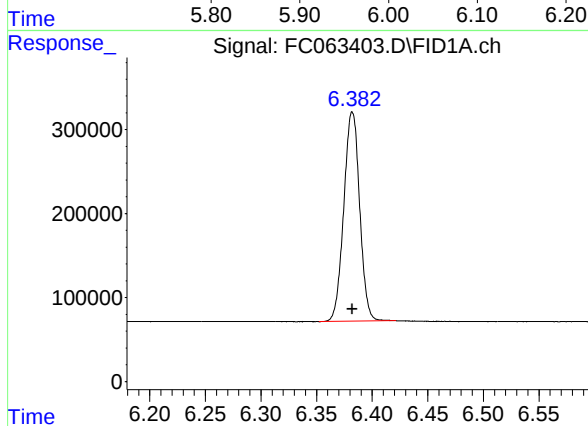
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 2483407
Conc: 18.22 ug/ml



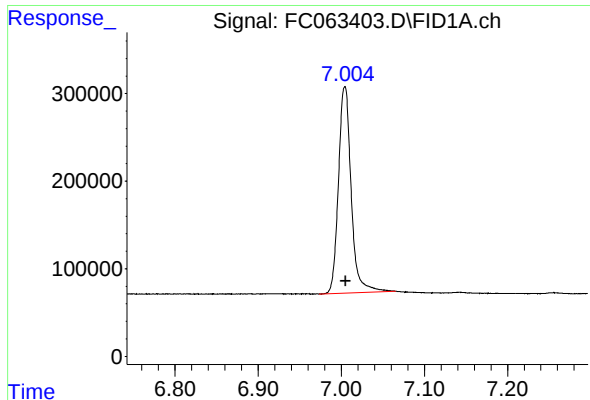
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2590918
Conc: 17.16 ug/ml



#4 n-Dodecane (C12)

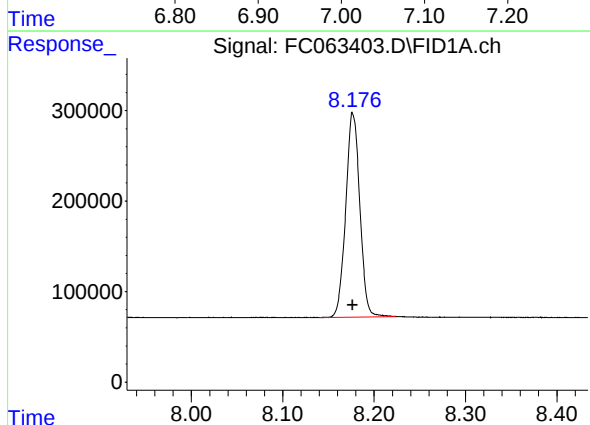
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2479837
Conc: 18.43 ug/ml



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

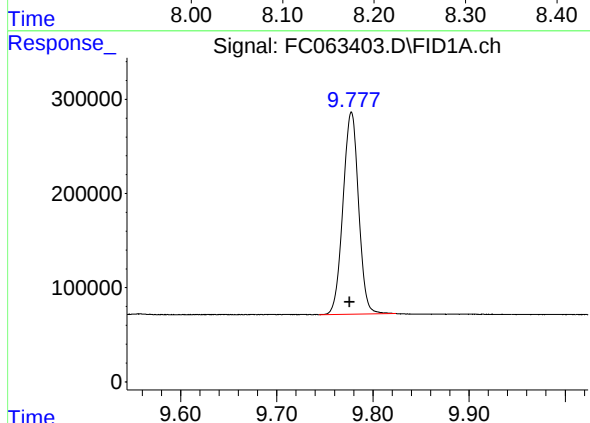
R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 2508361
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



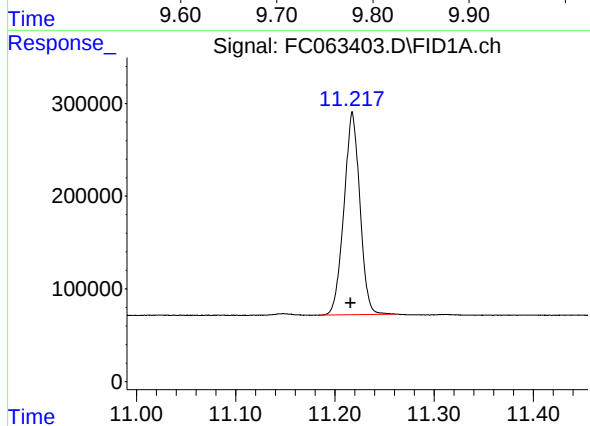
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2420086
Conc: 17.88 ug/ml



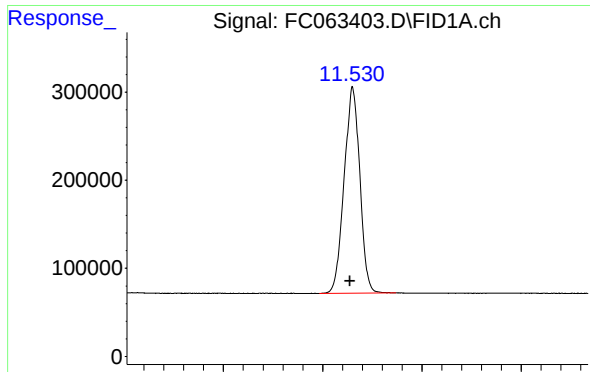
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 2419163
Conc: 17.81 ug/ml



#8 n-Octadecane (C18)

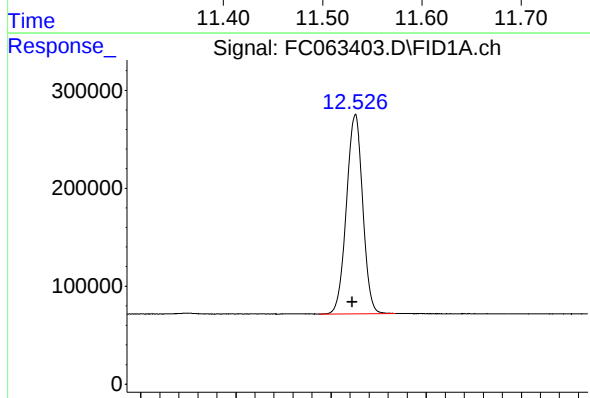
R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 2441988
Conc: 17.63 ug/ml



#9 ortho-Terphenyl (SURR)

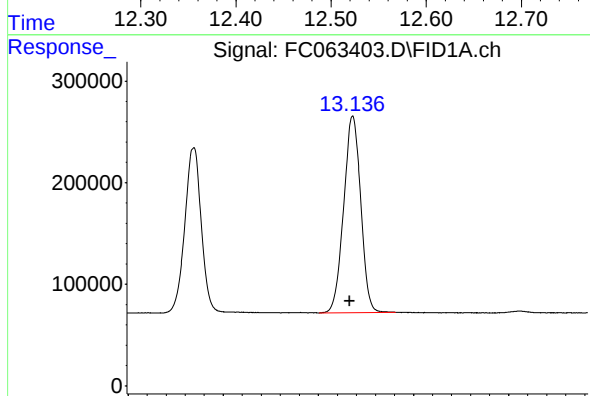
R.T.: 11.530 min
Delta R.T.: 0.002 min
Response: 2572575
Conc: 16.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



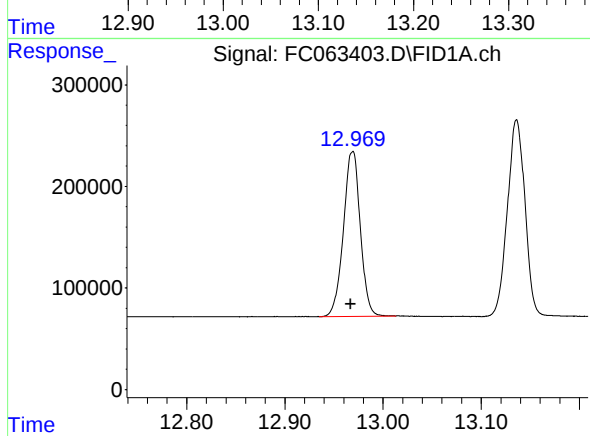
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.003 min
Response: 2432471
Conc: 18.11 ug/ml



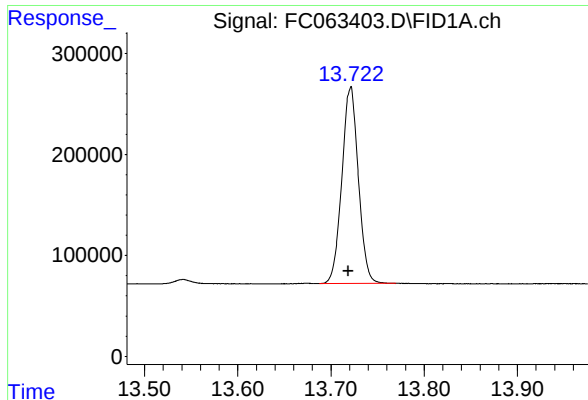
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.003 min
Response: 2416505
Conc: 17.95 ug/ml



#12 1-chlorooctadecane (SURR)

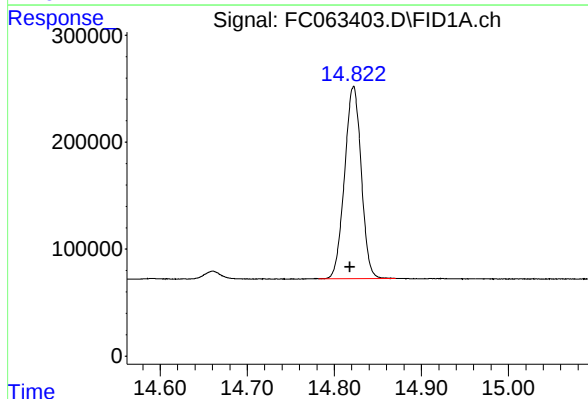
R.T.: 12.969 min
Delta R.T.: 0.002 min
Response: 1938087
Conc: 17.52 ug/ml



#13 n-Docosane (C22)

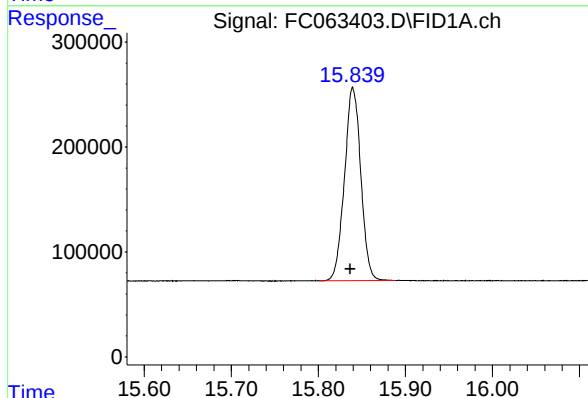
R.T.: 13.721 min
Delta R.T.: 0.003 min
Response: 2396163
Conc: 17.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



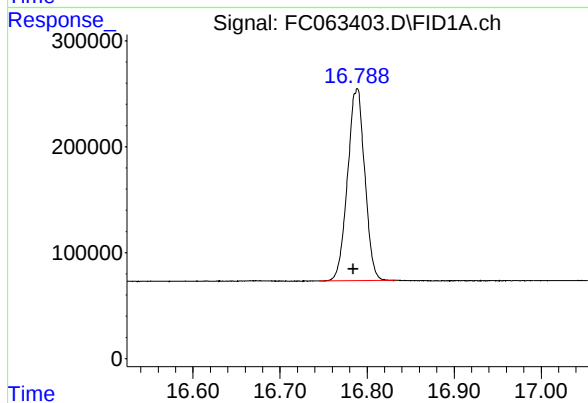
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2382516
Conc: 17.72 ug/ml



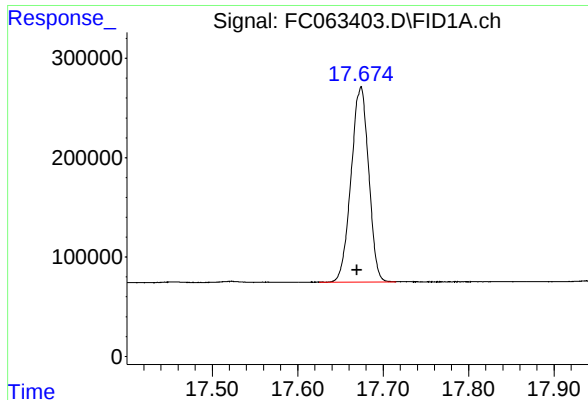
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.003 min
Response: 2397117
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

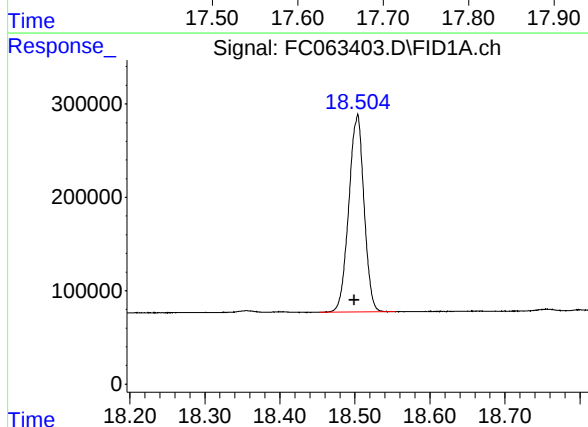
R.T.: 16.789 min
Delta R.T.: 0.004 min
Response: 2488668
Conc: 18.38 ug/ml



#17 n-Tricontane (C30)

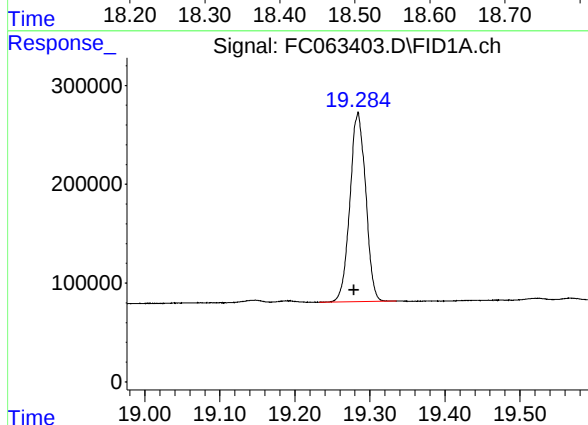
R.T.: 17.674 min
Delta R.T.: 0.005 min
Response: 2804186
Conc: 20.27 ug/ml

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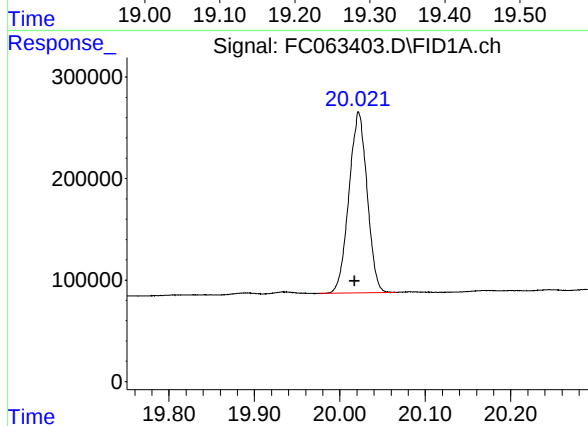
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: 0.004 min
Response: 2982983
Conc: 21.13 ug/ml



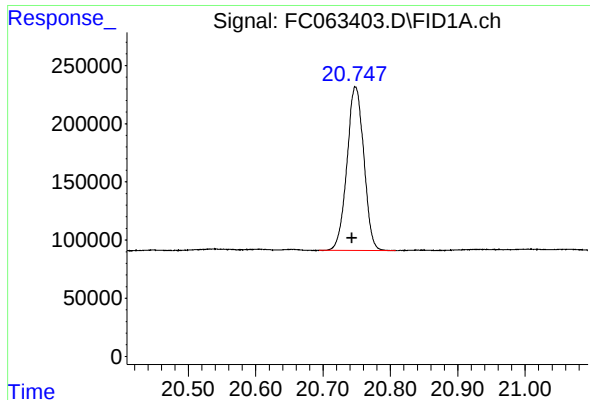
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.005 min
Response: 2794469
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

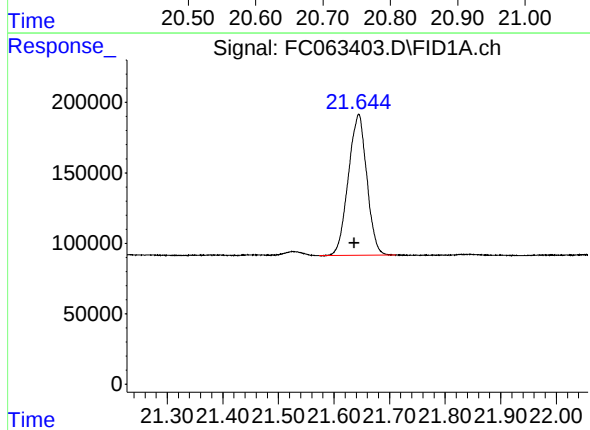
R.T.: 20.022 min
Delta R.T.: 0.005 min
Response: 2637565
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.005 min
Response: 2450081
Conc: 19.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: 0.008 min
Response: 2316558
Conc: 19.69 ug/ml