

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050323AL\
 Data File : FC063531.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2023 14:59
 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 04 03:38:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 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)	11.531	3438472	21.727 ug/ml
Spiked Amount 50.000		Recovery =	43.45%
12) S 1-chlorooctadecane (S...	12.970	2277976	21.093 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.297	2848848	21.622 ug/ml
2) T n-Decane (C10)	4.365	2885594	21.748 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3035425	22.265 ug/ml
4) T n-Dodecane (C12)	6.384	2889051	21.802 ug/ml
5) T A~2-methylnaphthalene...	7.007	2889315	22.553 ug/ml
6) T n-Tetradecane (C14)	8.180	2843746	22.152 ug/ml
7) T n-Hexadecane (C16)	9.778	2926833	22.042 ug/ml
8) T n-Octadecane (C18)	11.217	3002835	22.053 ug/ml
10) T n-Eicosane (C20)	12.528	2857509	21.737 ug/ml
11) T n-Heneicosane (C21)	13.137	2811949	21.707 ug/ml
13) T n-Docosane (C22)	13.722	2790140	21.624 ug/ml
14) T n-Tetracosane (C24)	14.824	2841604	21.727 ug/ml
15) T n-Hexacosane (C26)	15.841	2781828	21.590 ug/ml
16) T n-Octacosane (C28)	16.790	2748988	21.595 ug/ml
17) T n-Tricontane (C30)	17.675	2790683	21.447 ug/ml
18) T n-Dotriacontane (C32)	18.505	2722718	21.130 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2584553	20.624 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2399815	20.267 ug/ml
21) T n-Octatriacontane (C38)	20.748	2237415	19.147 ug/ml
22) T n-Tetracontane (C40)	21.643	1958415	17.271 ug/ml

(f)=RT Delta > 1/2 Window

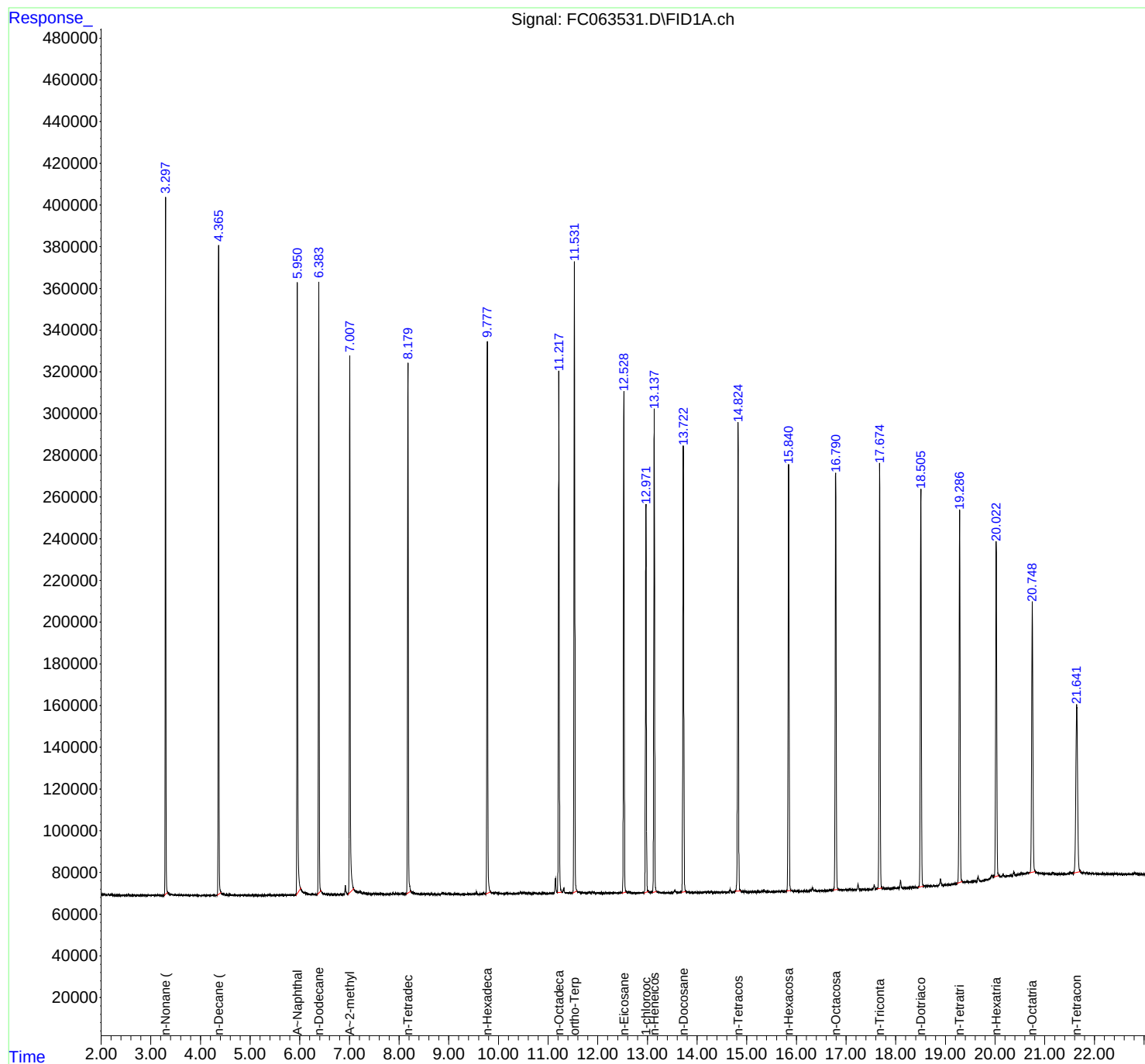
(m)=manual int.

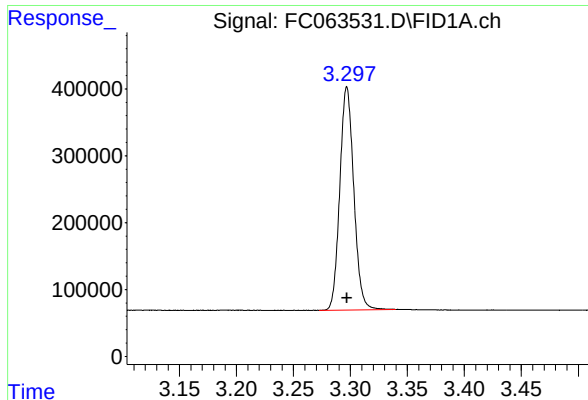
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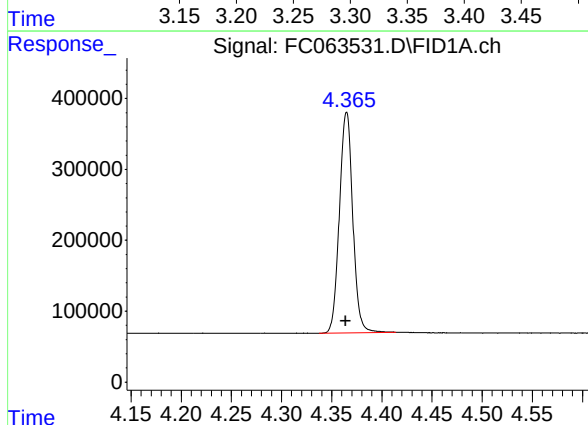




#1 n-Nonane (C9)

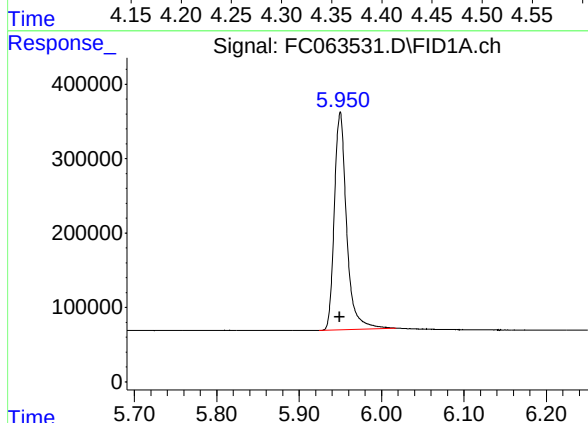
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2848848
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



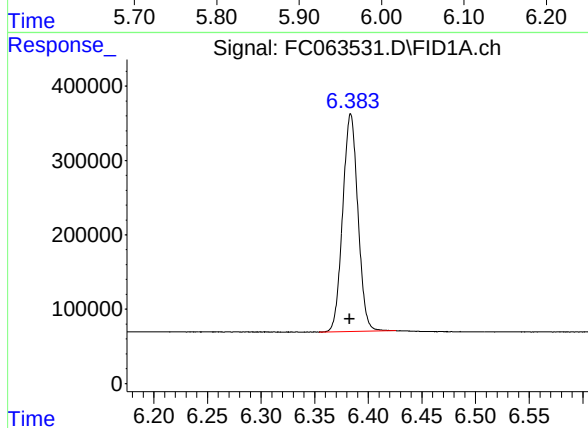
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 2885594
Conc: 21.75 ug/ml



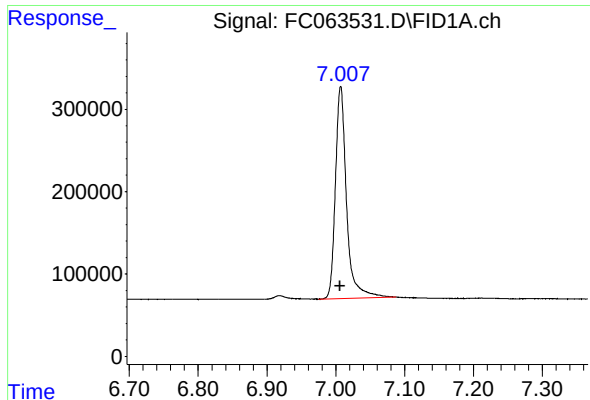
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 3035425
Conc: 22.26 ug/ml



#4 n-Dodecane (C12)

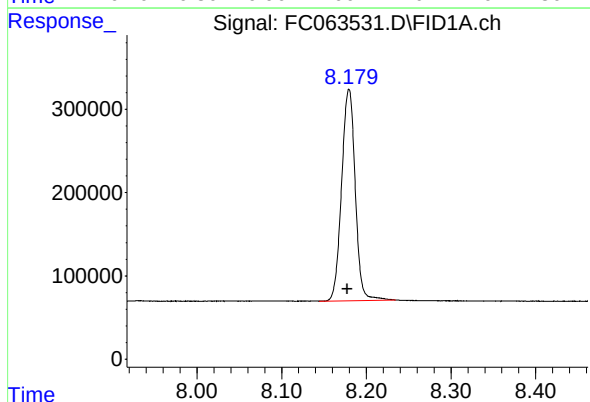
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2889051
Conc: 21.80 ug/ml



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

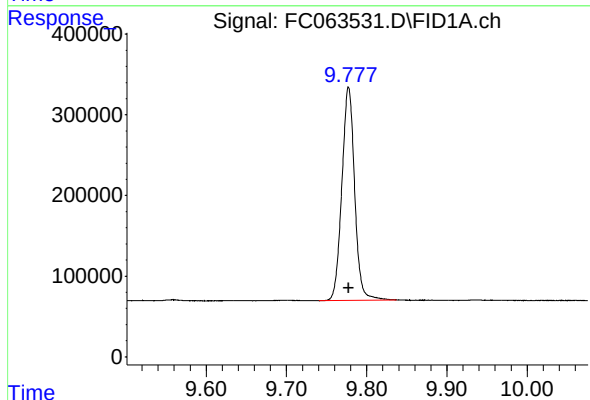
R.T.: 7.007 min
Delta R.T.: 0.001 min
Response: 2889315
Conc: 22.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



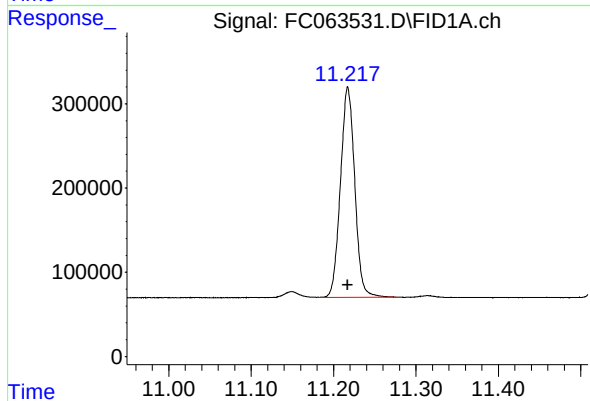
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: 0.002 min
Response: 2843746
Conc: 22.15 ug/ml



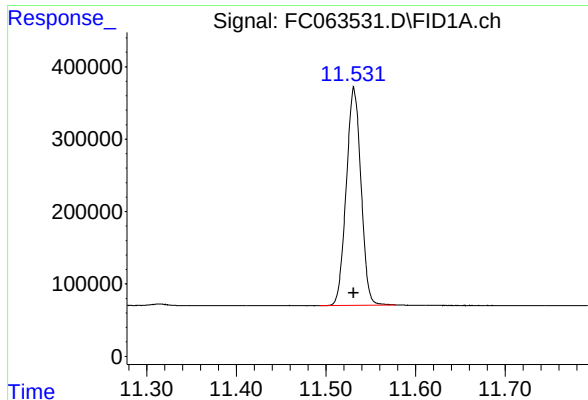
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 2926833
Conc: 22.04 ug/ml



#8 n-Octadecane (C18)

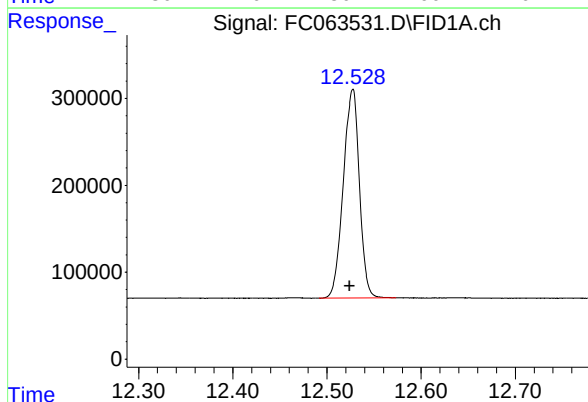
R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 3002835
Conc: 22.05 ug/ml



#9 ortho-Terphenyl (SURR)

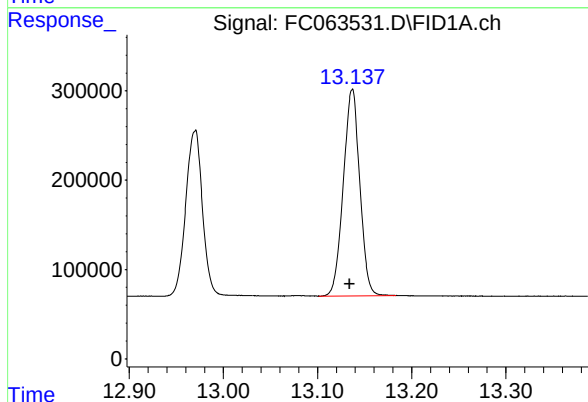
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 3438472
Conc: 21.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



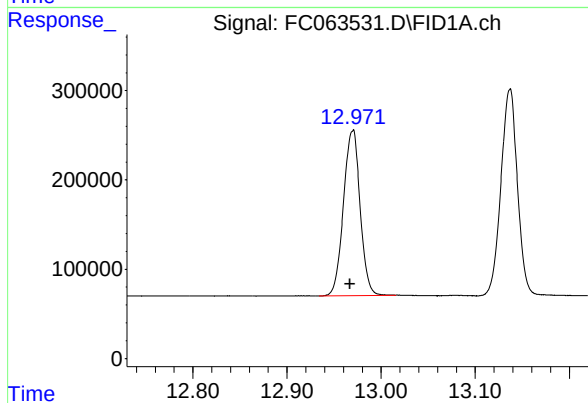
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.003 min
Response: 2857509
Conc: 21.74 ug/ml



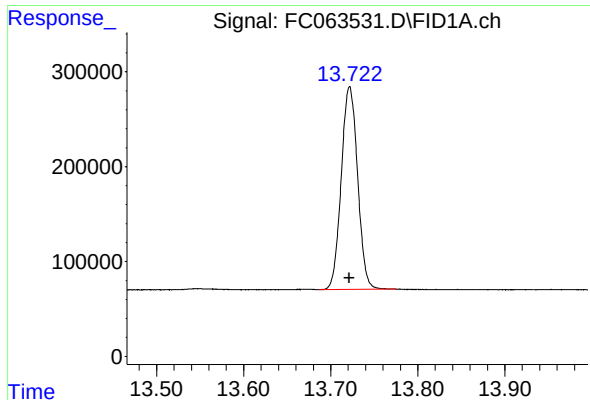
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.003 min
Response: 2811949
Conc: 21.71 ug/ml



#12 1-chlorooctadecane (SURR)

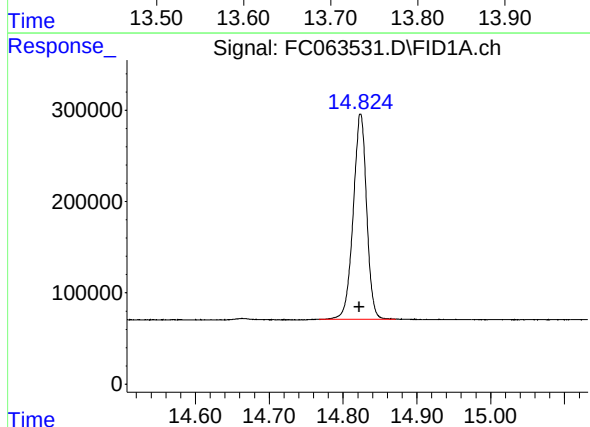
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2277976
Conc: 21.09 ug/ml



#13 n-Docosane (C22)

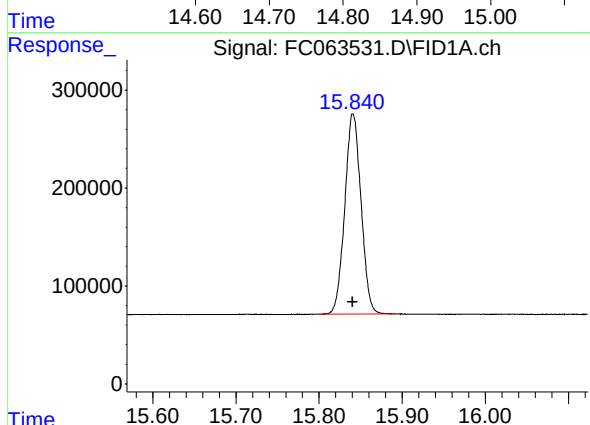
R.T.: 13.722 min
Delta R.T.: 0.000 min
Response: 2790140
Conc: 21.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



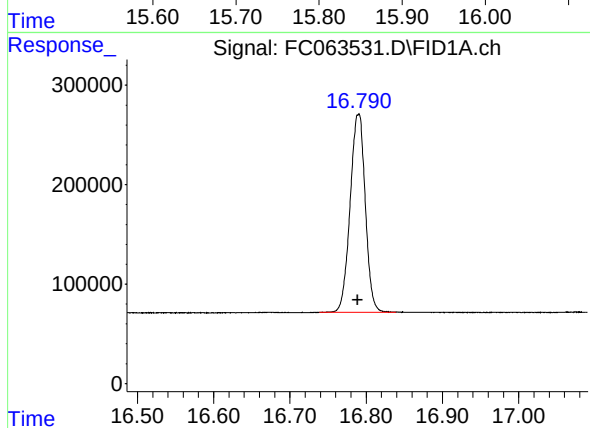
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.002 min
Response: 2841604
Conc: 21.73 ug/ml



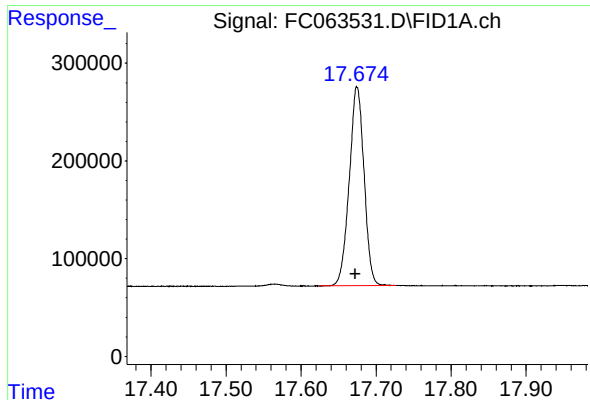
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.000 min
Response: 2781828
Conc: 21.59 ug/ml



#16 n-Octacosane (C28)

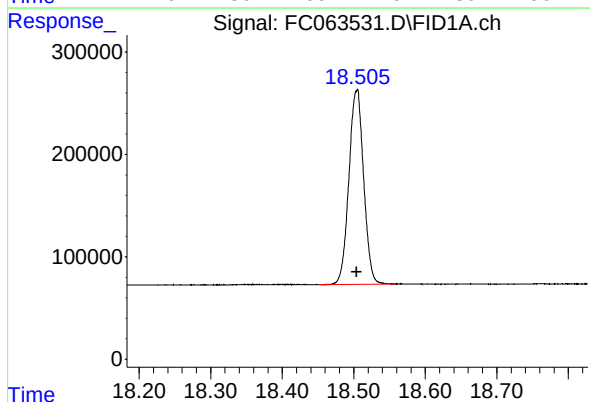
R.T.: 16.790 min
Delta R.T.: 0.001 min
Response: 2748988
Conc: 21.60 ug/ml



#17 n-Tricontane (C30)

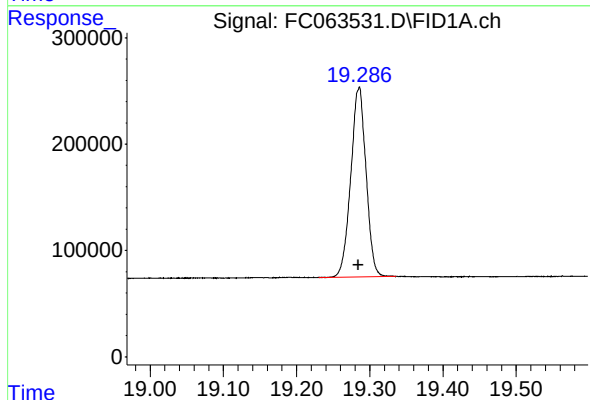
R.T.: 17.675 min
Delta R.T.: 0.002 min
Response: 2790683
Conc: 21.45 ug/ml

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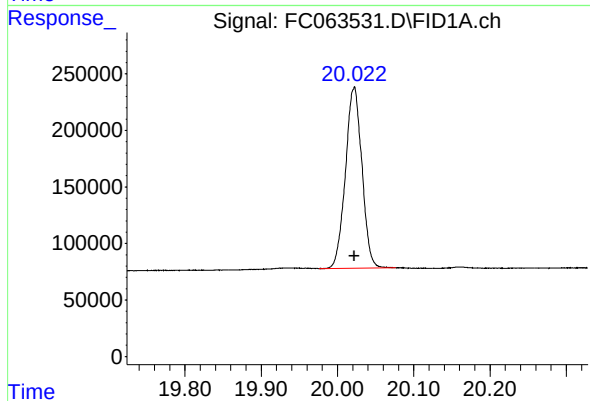
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.000 min
Response: 2722718
Conc: 21.13 ug/ml



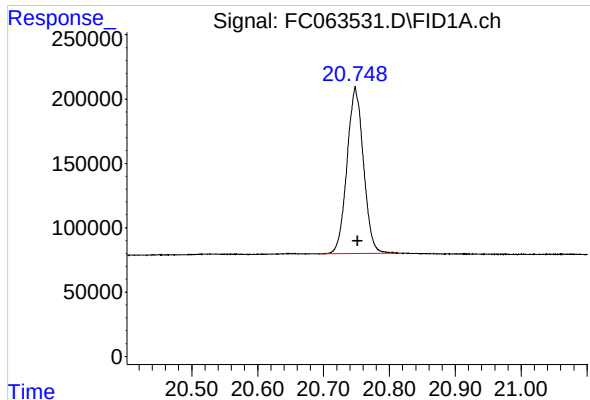
#19 n-Tetatriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.001 min
Response: 2584553
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

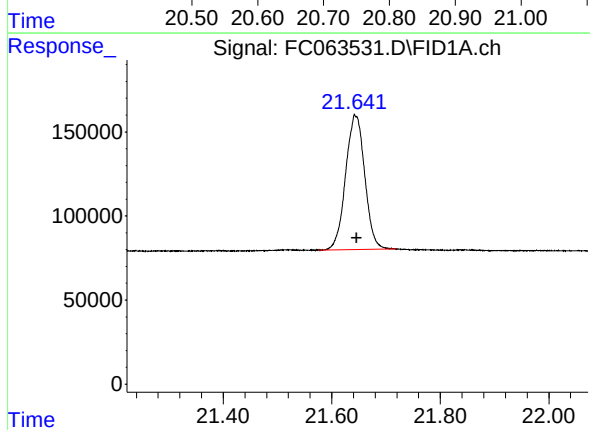
R.T.: 20.022 min
Delta R.T.: 0.000 min
Response: 2399815
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.003 min
Response: 2237415
Conc: 19.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: -0.003 min
Response: 1958415
Conc: 17.27 ug/ml