

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042723AL\
 Data File : FC063475.D
 Signal(s) : FID1A.ch
 Acq On : 27 Apr 2023 17:18
 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 02:50:52 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	3061749	20.124 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
12) S 1-chlorooctadecane (S...	12.967	2288643	20.684 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.299	2727570	19.428 ug/ml
2) T n-Decane (C10)	4.366	2710017	19.887 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2970176	19.670 ug/ml
4) T n-Dodecane (C12)	6.384	2699115	20.064 ug/ml
5) T A~2-methylnaphthalene...	7.007	2763868	19.844 ug/ml
6) T n-Tetradecane (C14)	8.178	2653283	19.599 ug/ml
7) T n-Hexadecane (C16)	9.778	2721064	20.038 ug/ml
8) T n-Octadecane (C18)	11.217	2778162	20.057 ug/ml
10) T n-Eicosane (C20)	12.523	2709572	20.168 ug/ml
11) T n-Heneicosane (C21)	13.134	2719725	20.208 ug/ml
13) T n-Docosane (C22)	13.719	2690278	20.174 ug/ml
14) T n-Tetracosane (C24)	14.821	2787582	20.733 ug/ml
15) T n-Hexacosane (C26)	15.839	2742855	20.492 ug/ml
16) T n-Octacosane (C28)	16.787	2827929	20.885 ug/ml
17) T n-Tricontane (C30)	17.672	3010490	21.763 ug/ml
18) T n-Dotriacontane (C32)	18.502	3133102	22.193 ug/ml
19) T n-Tetratriacontane (C34)	19.283	3007758	21.795 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2789932	21.827 ug/ml
21) T n-Octatriacontane (C38)	20.745	2677506	21.745 ug/ml
22) T n-Tetracontane (C40)	21.638	2496136	21.211 ug/ml

(f)=RT Delta > 1/2 Window

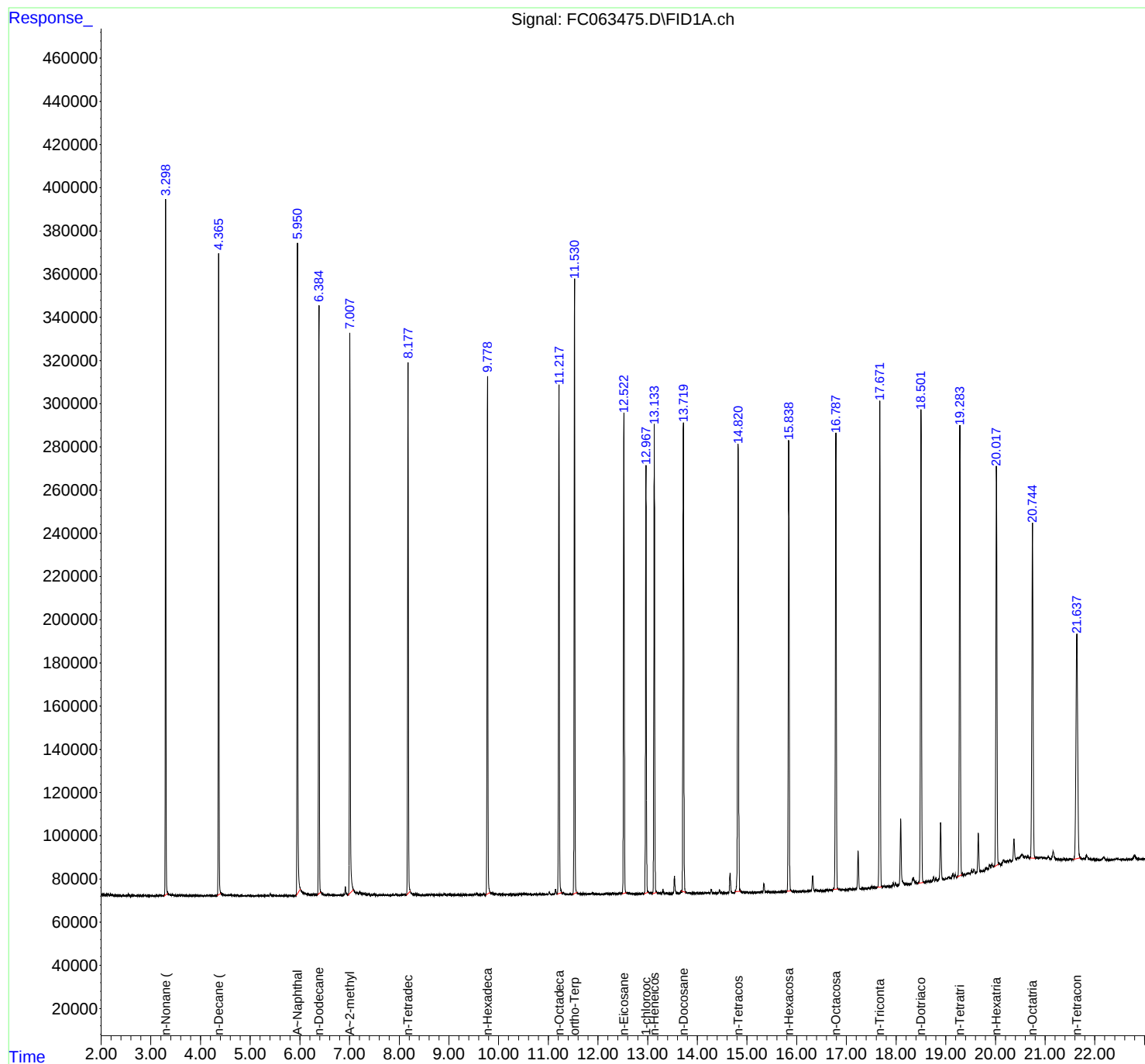
(m)=manual int.

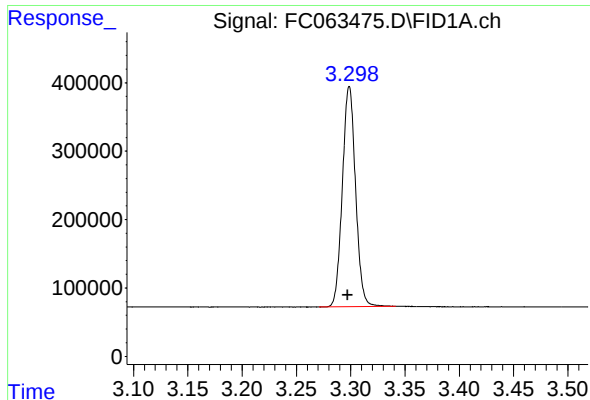
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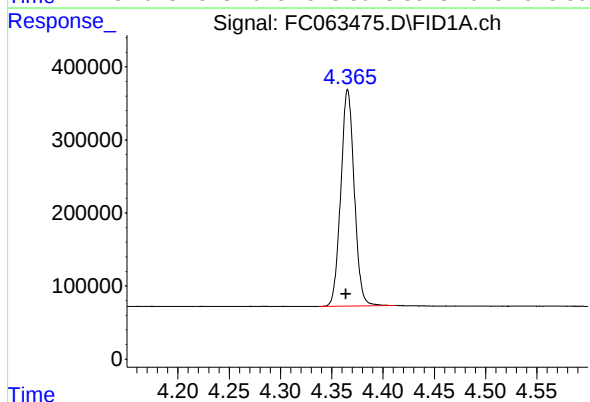




#1 n-Nonane (C9)

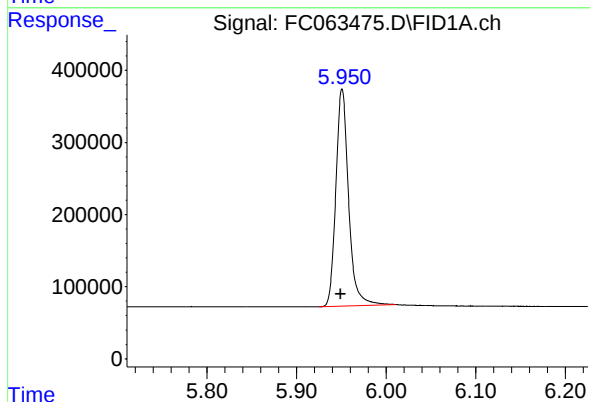
R.T.: 3.299 min
Delta R.T.: 0.002 min
Response: 2727570
Conc: 19.43 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



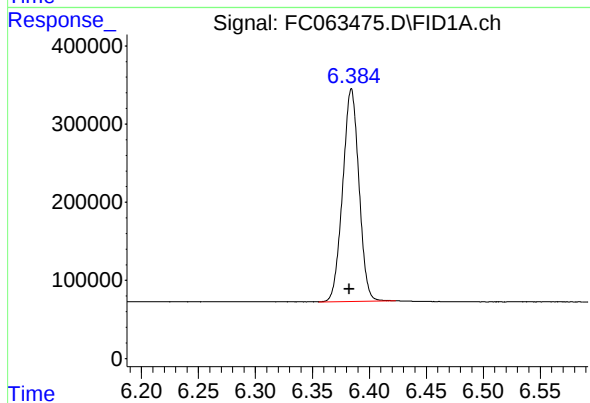
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 2710017
Conc: 19.89 ug/ml



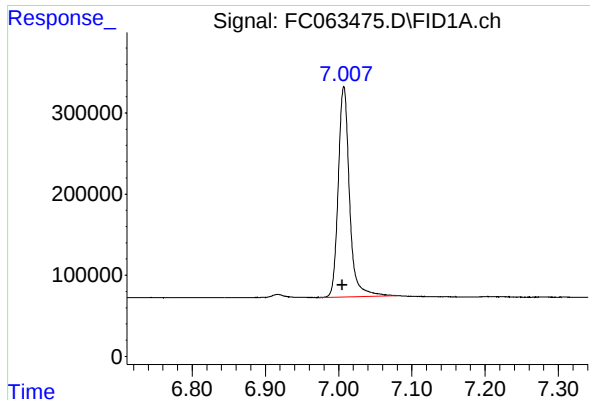
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 2970176
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

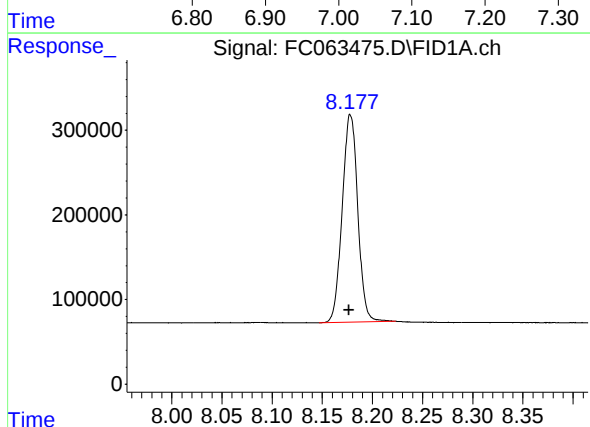
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 2699115
Conc: 20.06 ug/ml



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

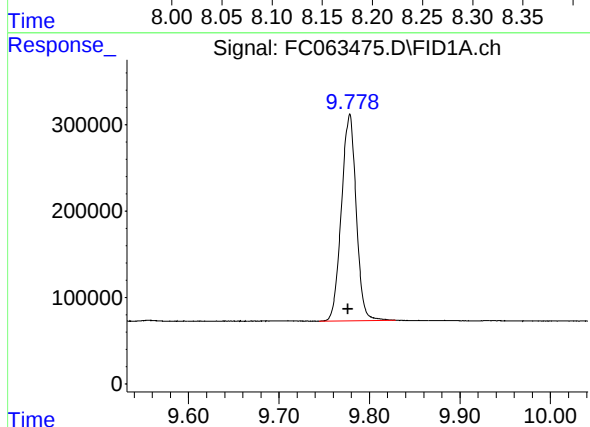
R.T.: 7.007 min
Delta R.T.: 0.002 min
Response: 2763868
Conc: 19.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



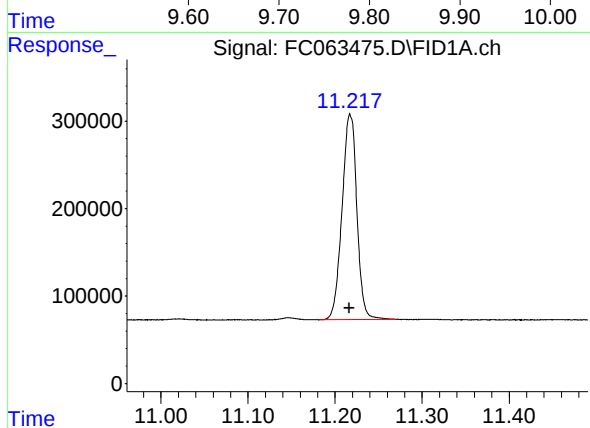
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2653283
Conc: 19.60 ug/ml



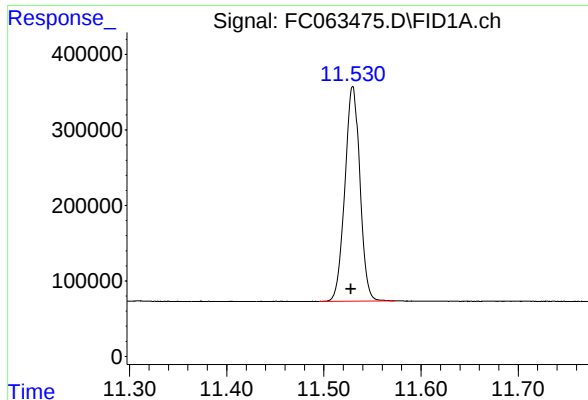
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 2721064
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

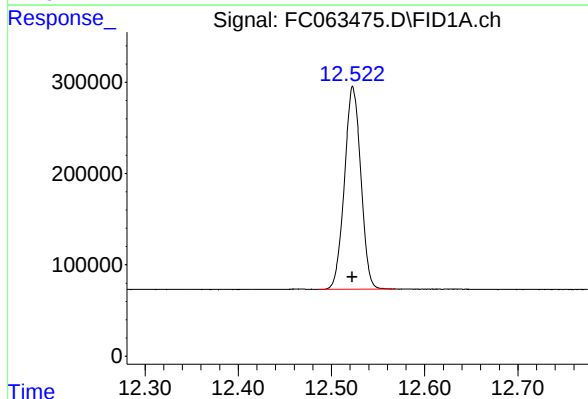
R.T.: 11.217 min
Delta R.T.: 0.001 min
Response: 2778162
Conc: 20.06 ug/ml



#9 ortho-Terphenyl (SURR)

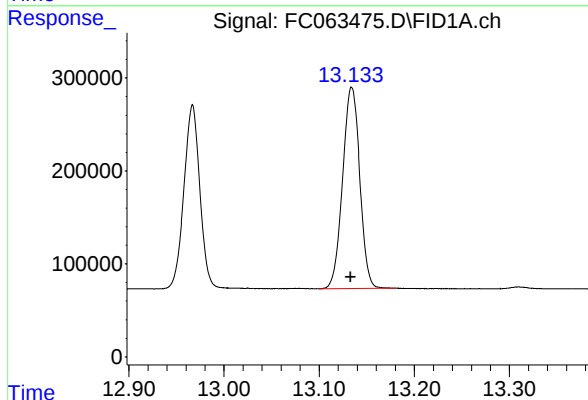
R.T.: 11.530 min
Delta R.T.: 0.002 min
Response: 3061749
Conc: 20.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



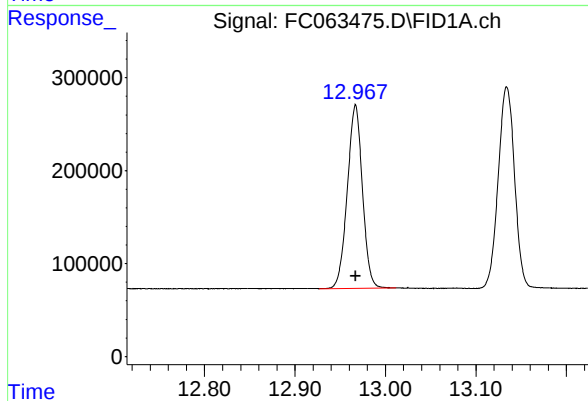
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 2709572
Conc: 20.17 ug/ml



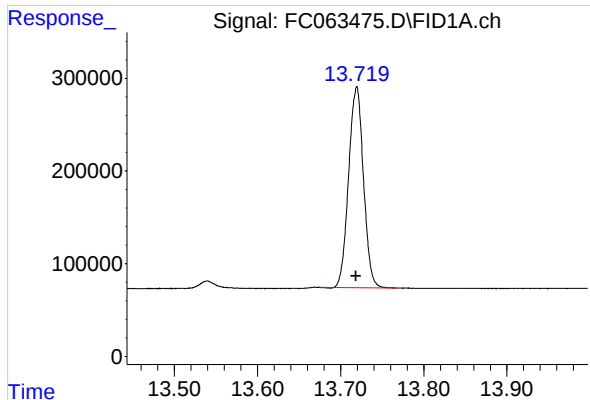
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.001 min
Response: 2719725
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

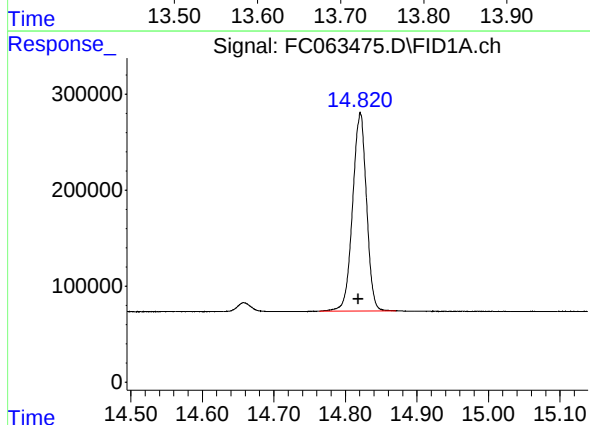
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2288643
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

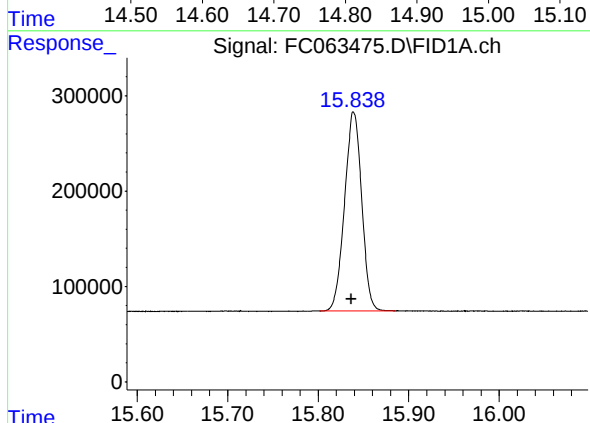
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2690278
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



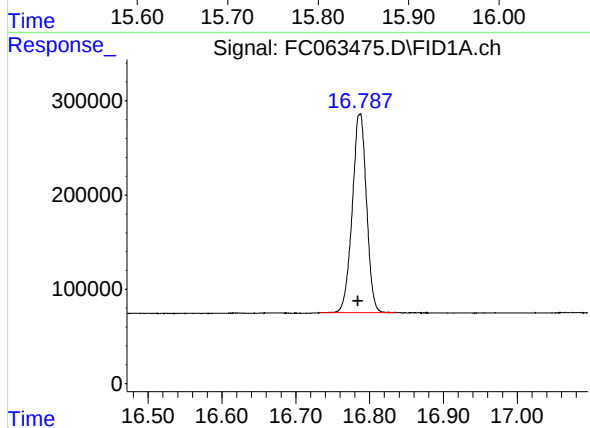
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: 0.003 min
Response: 2787582
Conc: 20.73 ug/ml



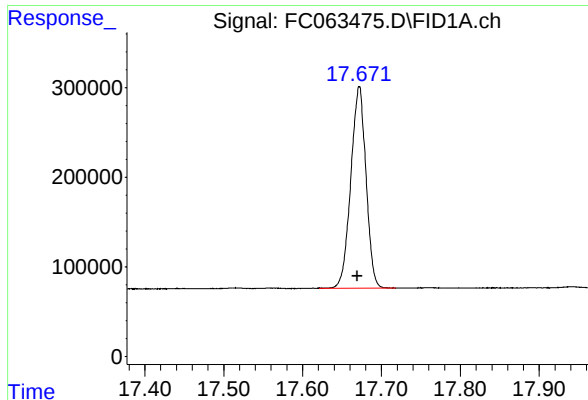
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.002 min
Response: 2742855
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

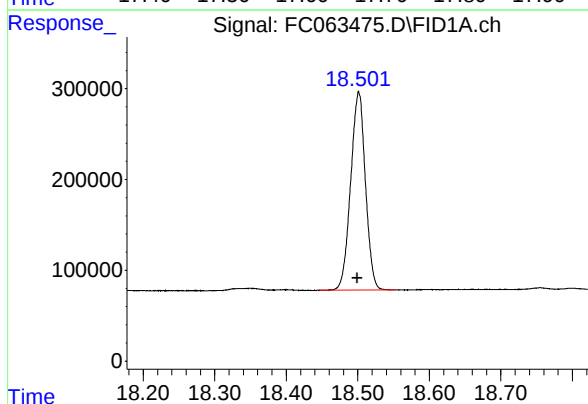
R.T.: 16.787 min
Delta R.T.: 0.002 min
Response: 2827929
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

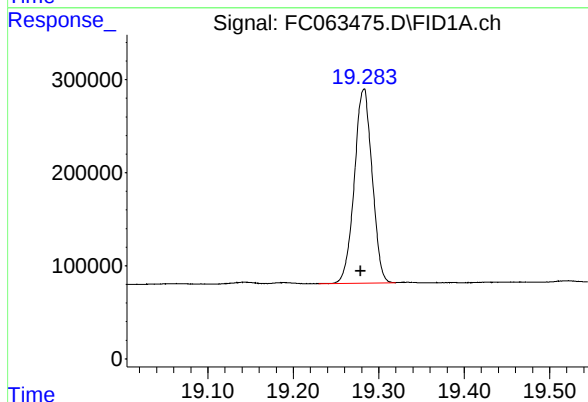
R.T.: 17.672 min
Delta R.T.: 0.003 min
Response: 3010490
Conc: 21.76 ug/ml

Instrument :
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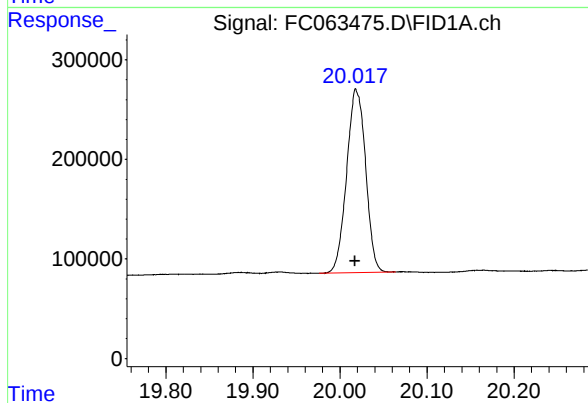
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.002 min
Response: 3133102
Conc: 22.19 ug/ml



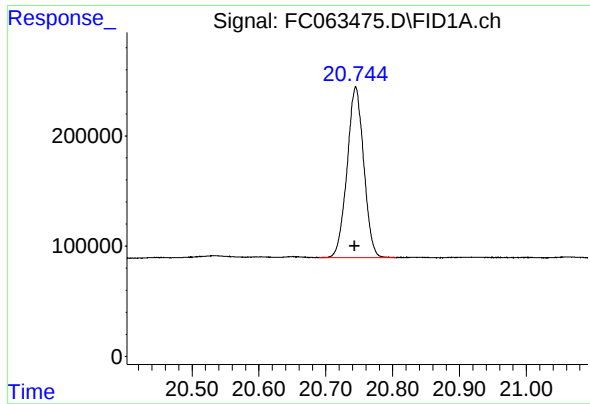
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.004 min
Response: 3007758
Conc: 21.79 ug/ml



#20 n-Hexatriacontane (C36)

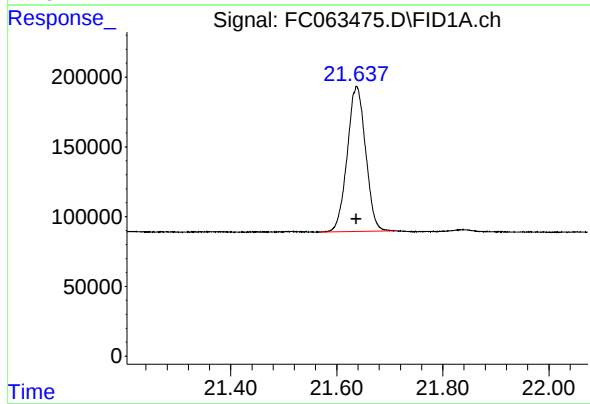
R.T.: 20.018 min
Delta R.T.: 0.001 min
Response: 2789932
Conc: 21.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.002 min
Response: 2677506
Conc: 21.75 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: 0.000 min
Response: 2496136
Conc: 21.21 ug/ml