

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050223AL\
 Data File : FC063528.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 23:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 00:39:59 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)	11.530	3169046	20.024 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.967	2163120	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.297	2664362	20.222 ug/ml
2) T n-Decane (C10)	4.364	2679142	20.192 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2779303	20.386 ug/ml
4) T n-Dodecane (C12)	6.383	2682686	20.244 ug/ml
5) T A~2-methylnaphthalene...	7.005	2651549	20.697 ug/ml
6) T n-Tetradecane (C14)	8.177	2624461	20.444 ug/ml
7) T n-Hexadecane (C16)	9.777	2693356	20.284 ug/ml
8) T n-Octadecane (C18)	11.217	2757194	20.249 ug/ml
10) T n-Eicosane (C20)	12.524	2645592	20.125 ug/ml
11) T n-Heneicosane (C21)	13.135	2608839	20.139 ug/ml
13) T n-Docosane (C22)	13.720	2594375	20.107 ug/ml
14) T n-Tetracosane (C24)	14.822	2625921	20.078 ug/ml
15) T n-Hexacosane (C26)	15.840	2588496	20.090 ug/ml
16) T n-Octacosane (C28)	16.788	2554038	20.064 ug/ml
17) T n-Tricontane (C30)	17.671	2599233	19.975 ug/ml
18) T n-Dotriacontane (C32)	18.500	2546681	19.764 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2469150	19.703 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2294530	19.378 ug/ml
21) T n-Octatriacontane (C38)	20.749	2128219	18.212 ug/ml
22) T n-Tetracontane (C40)	21.646	1888872	16.658 ug/ml

(f)=RT Delta > 1/2 Window

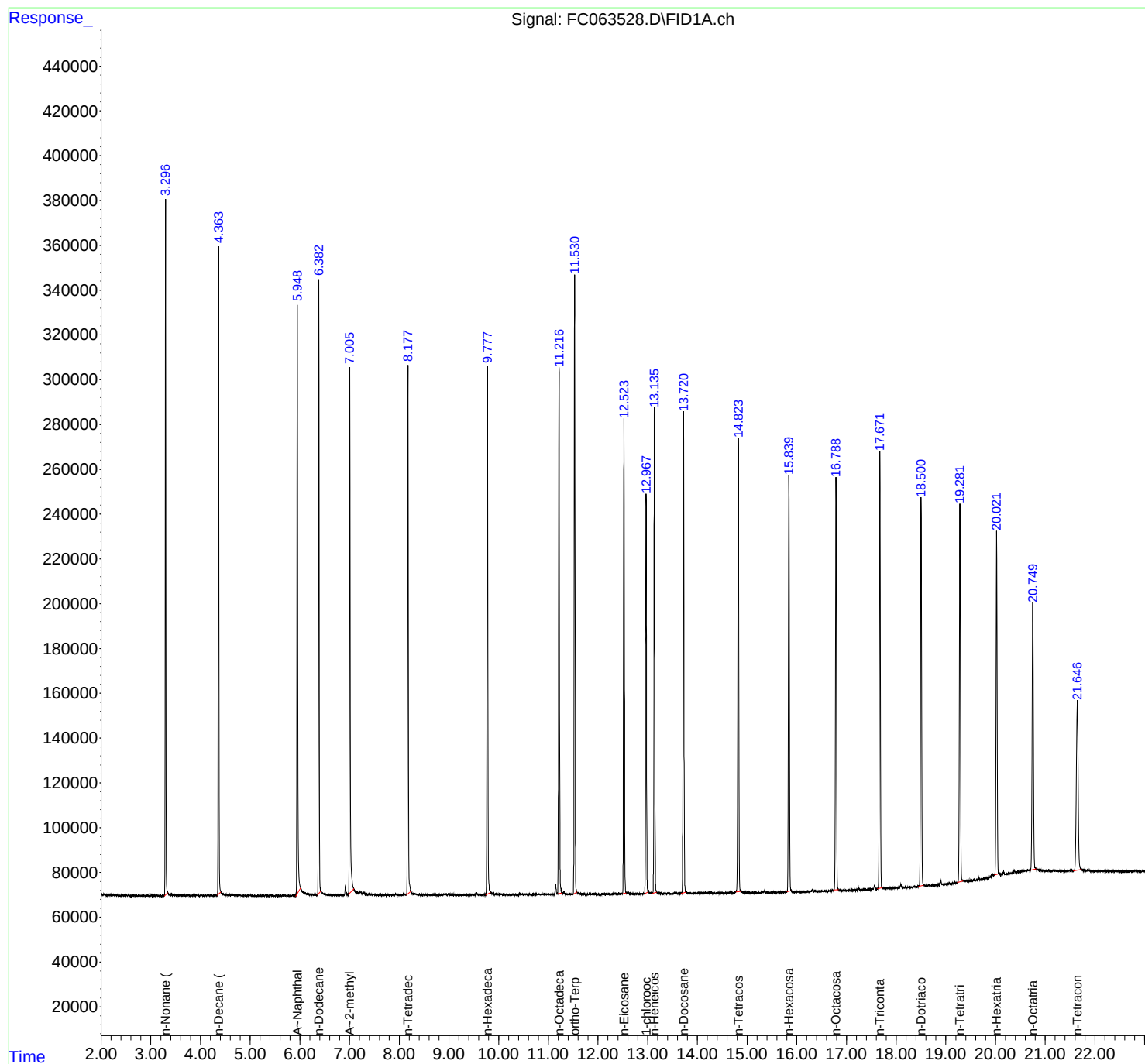
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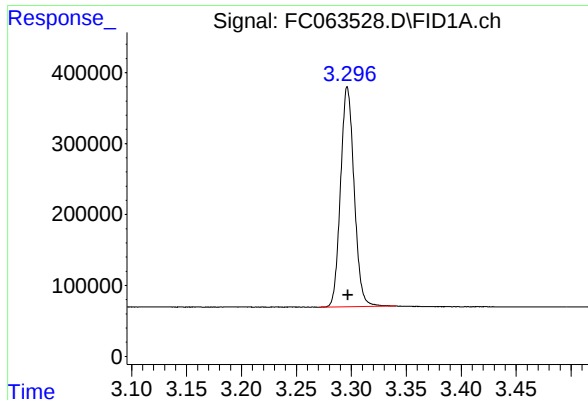
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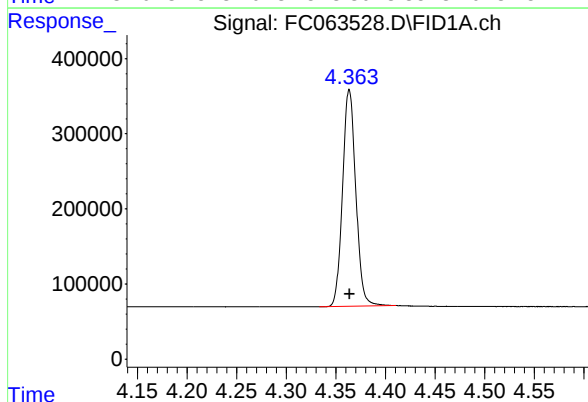




#1 n-Nonane (C9)

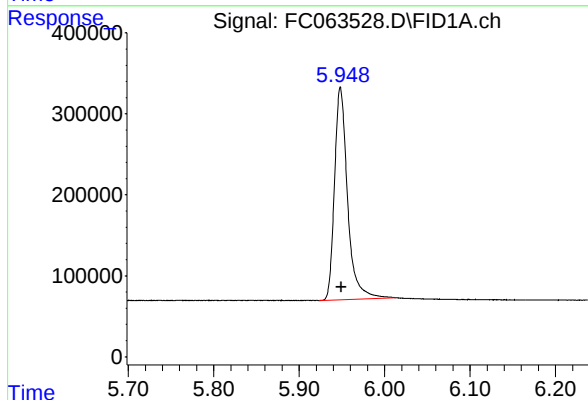
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2664362
Conc: 20.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



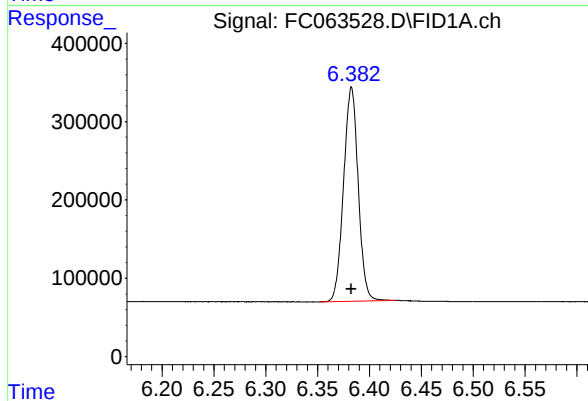
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2679142
Conc: 20.19 ug/ml



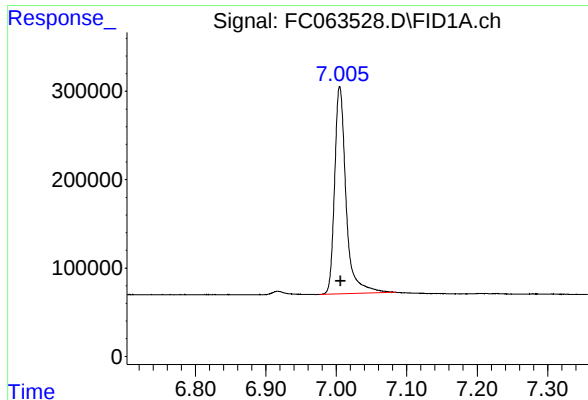
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2779303
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

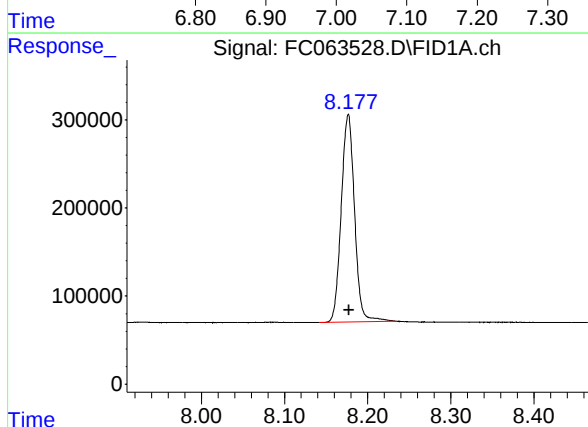
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2682686
Conc: 20.24 ug/ml



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

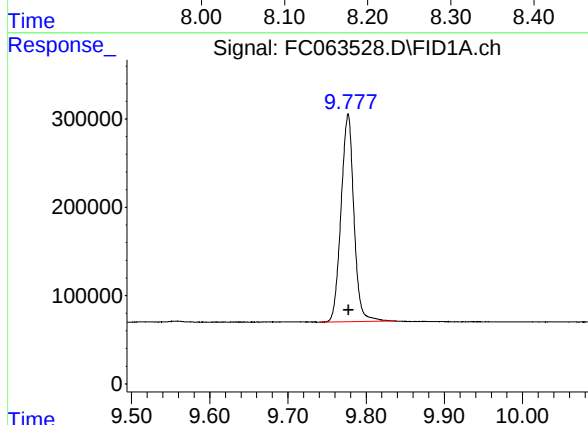
R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 2651549
Conc: 20.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



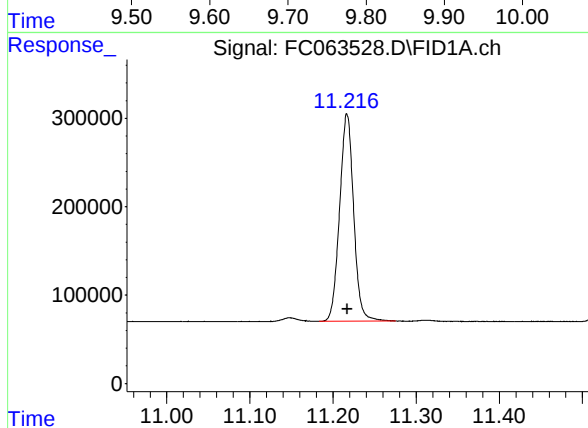
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 2624461
Conc: 20.44 ug/ml



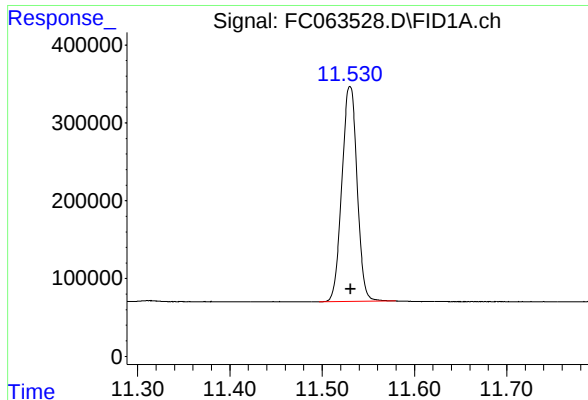
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2693356
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

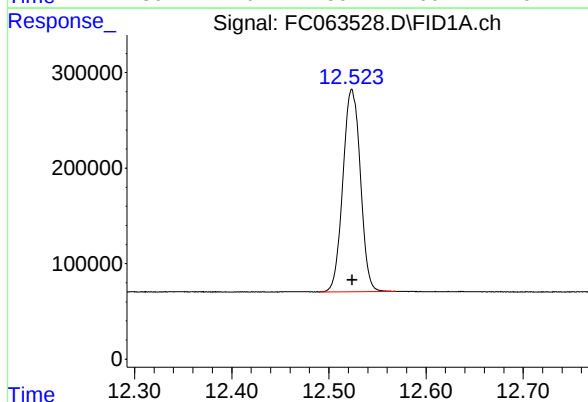
R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 2757194
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

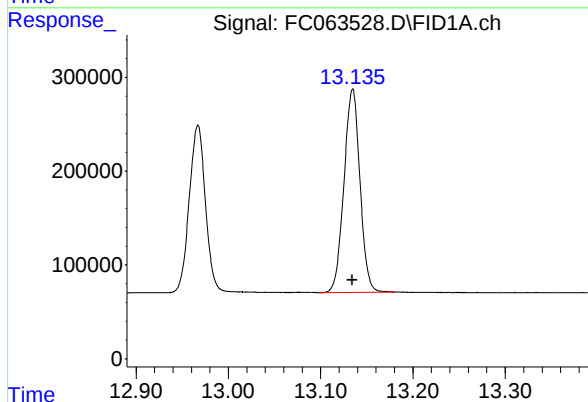
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 3169046
Conc: 20.02 ug/ml

Instrument :
FID_C
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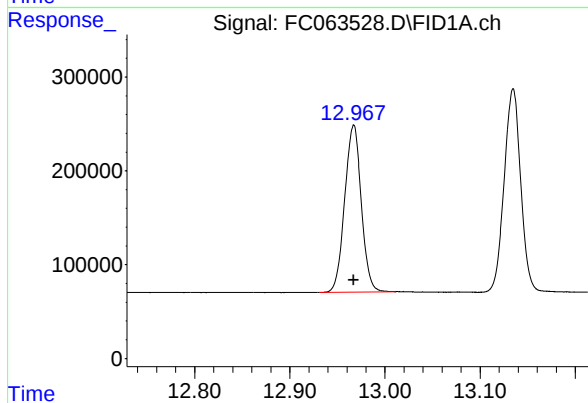
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 2645592
Conc: 20.12 ug/ml



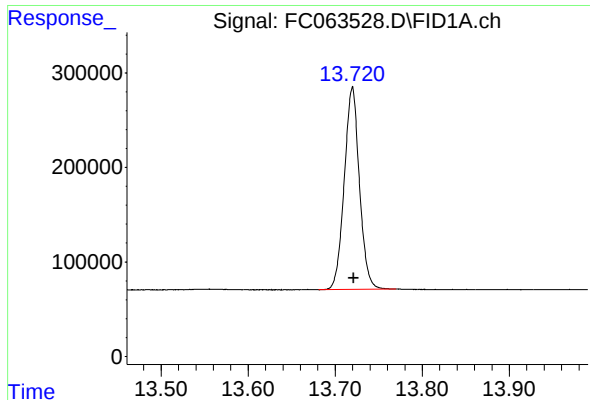
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 2608839
Conc: 20.14 ug/ml



#12 1-chlorooctadecane (SURR)

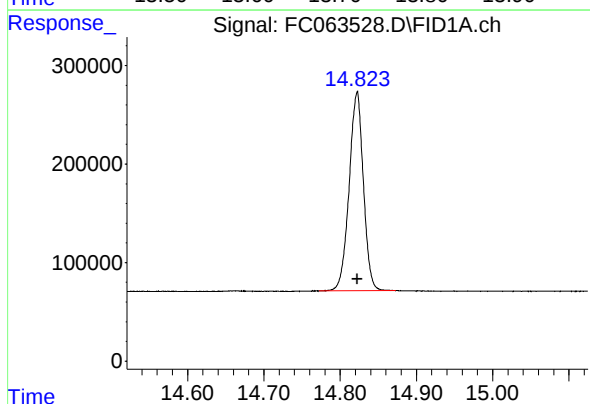
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2163120
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

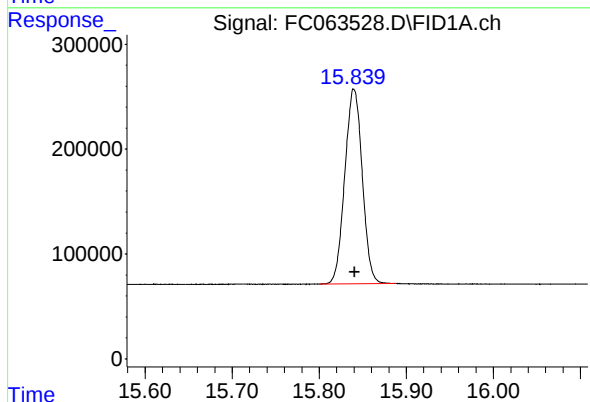
R.T.: 13.720 min
Delta R.T.: -0.001 min
Response: 2594375
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



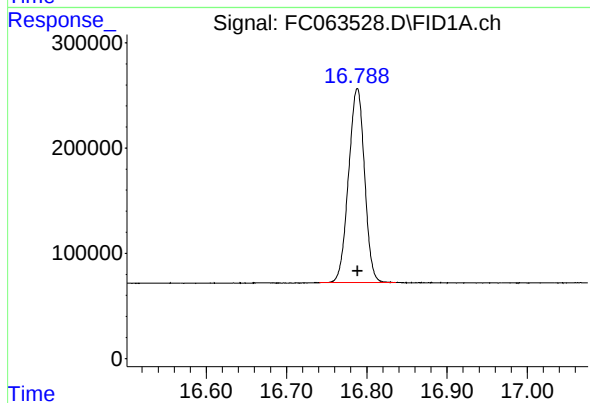
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 2625921
Conc: 20.08 ug/ml



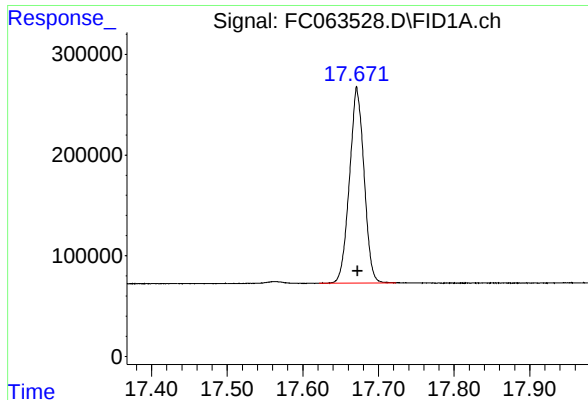
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.000 min
Response: 2588496
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

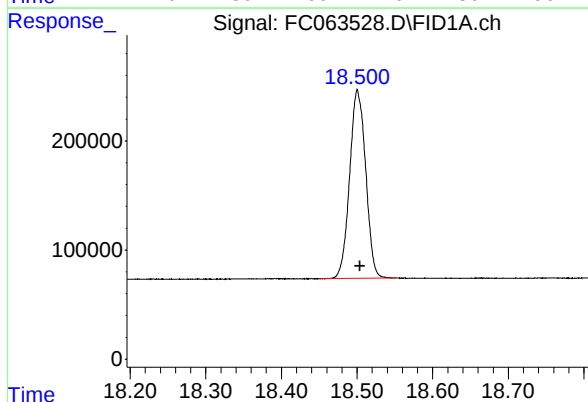
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 2554038
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

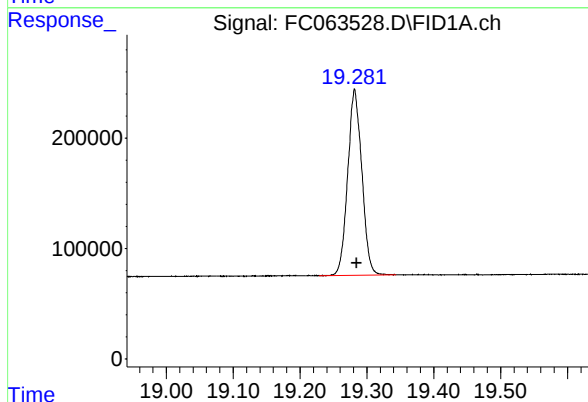
R.T.: 17.671 min
Delta R.T.: 0.000 min
Response: 2599233
Conc: 19.98 ug/ml

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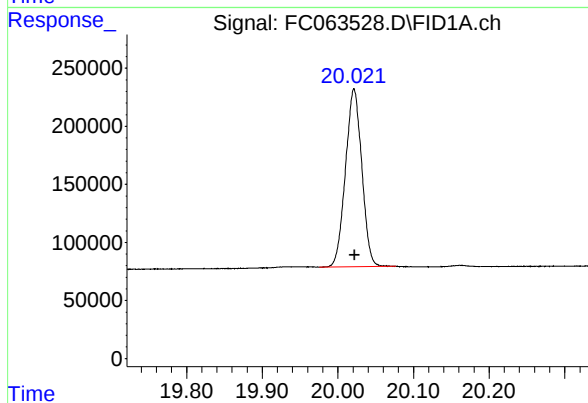
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: -0.003 min
Response: 2546681
Conc: 19.76 ug/ml



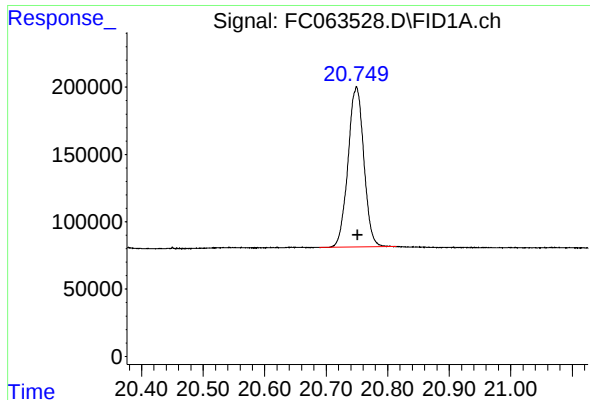
#19 n-Tetatriacontane (C34)

R.T.: 19.282 min
Delta R.T.: -0.003 min
Response: 2469150
Conc: 19.70 ug/ml



#20 n-Hexatriacontane (C36)

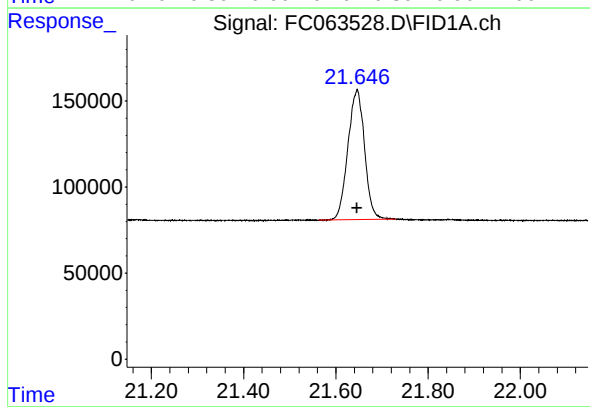
R.T.: 20.021 min
Delta R.T.: 0.000 min
Response: 2294530
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.002 min
Response: 2128219
Conc: 18.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.000 min
Response: 1888872
Conc: 16.66 ug/ml