

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022823AL\
 Data File : FC063044.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2023 11:25
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 03:46:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.537	2343442	18.054 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	12.976	1781093	18.259 ug/ml
Spiked Amount 50.000		Recovery =	36.52%
Target Compounds			
1) T n-Nonane (C9)	3.297	2137238	18.027 ug/ml
2) T n-Decane (C10)	4.364	2107128	18.273 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2327916	18.203 ug/ml
4) T n-Dodecane (C12)	6.383	2113412	18.302 ug/ml
5) T A~2-methylnaphthalene...	7.005	2159219	18.345 ug/ml
6) T n-Tetradecane (C14)	8.180	2085932	18.457 ug/ml
7) T n-Hexadecane (C16)	9.781	2109773	18.340 ug/ml
8) T n-Octadecane (C18)	11.223	2136128	18.340 ug/ml
10) T n-Eicosane (C20)	12.532	2095344	18.389 ug/ml
11) T n-Heneicosane (C21)	13.144	2086579	18.309 ug/ml
13) T n-Docosane (C22)	13.729	2096880	18.592 ug/ml
14) T n-Tetracosane (C24)	14.831	2170071	19.365 ug/ml
15) T n-Hexacosane (C26)	15.851	2247385	20.322 ug/ml
16) T n-Octacosane (C28)	16.800	2340513	21.271 ug/ml
17) T n-Tricontane (C30)	17.685	2455812	22.300 ug/ml
18) T n-Dotriacontane (C32)	18.516	2479709	22.218 ug/ml
19) T n-Tetratriacontane (C34)	19.296	2306822	20.640 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2130816	19.629 ug/ml
21) T n-Octatriacontane (C38)	20.764	2072338	19.071 ug/ml
22) T n-Tetracontane (C40)	21.667	2047291	18.818 ug/ml

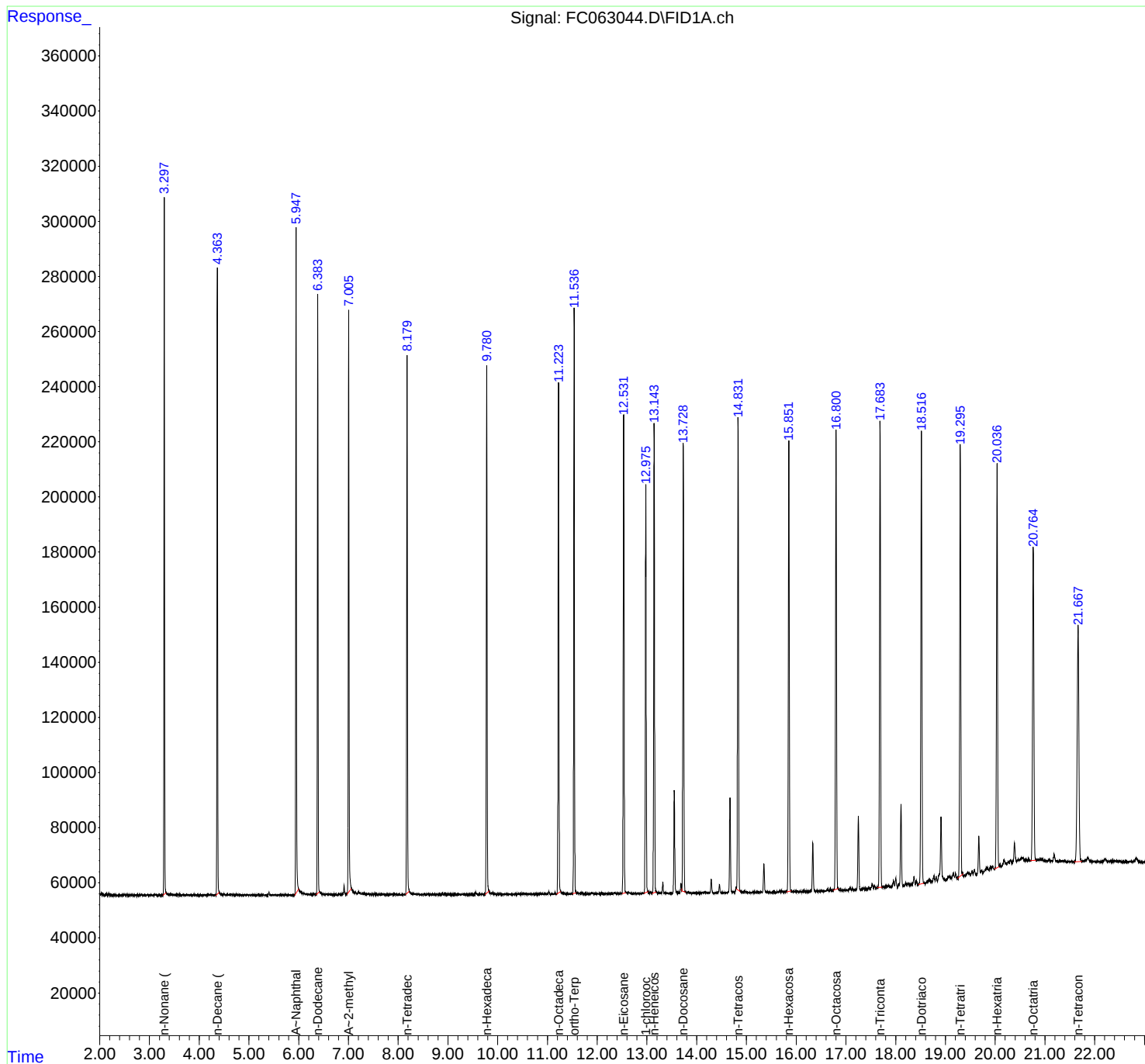
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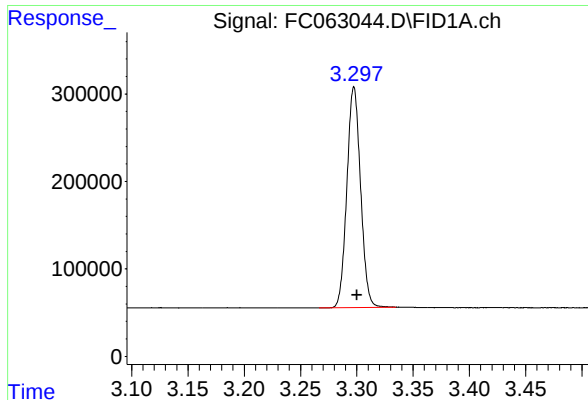
(m)=manual int.

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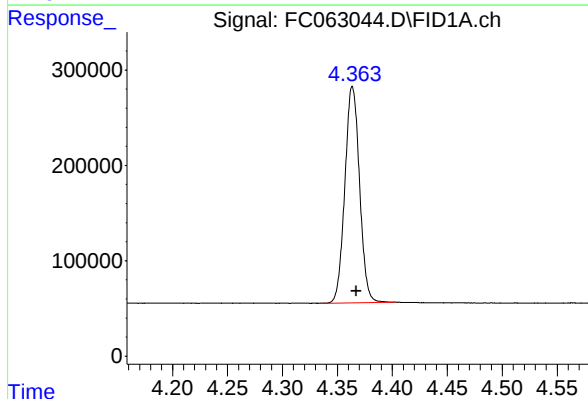
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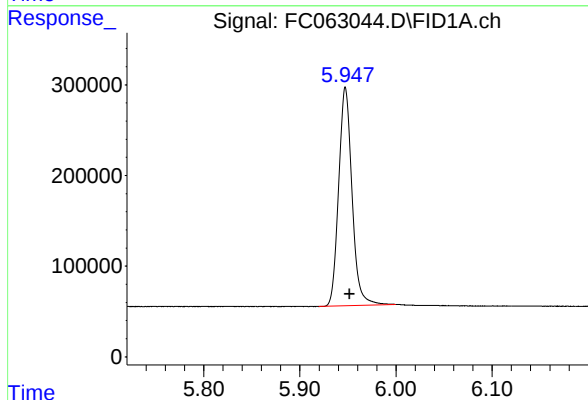
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 2137238
Conc: 18.03 ug/ml



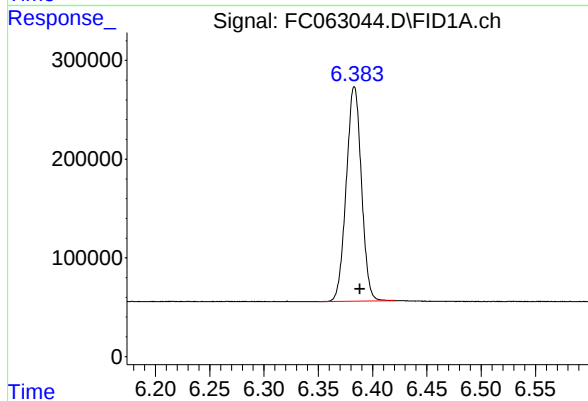
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.004 min
Response: 2107128
Conc: 18.27 ug/ml



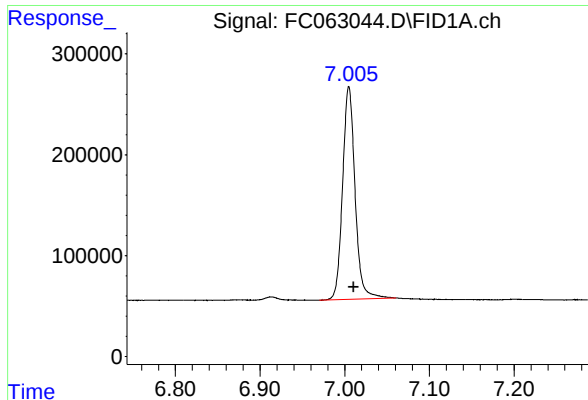
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2327916
Conc: 18.20 ug/ml



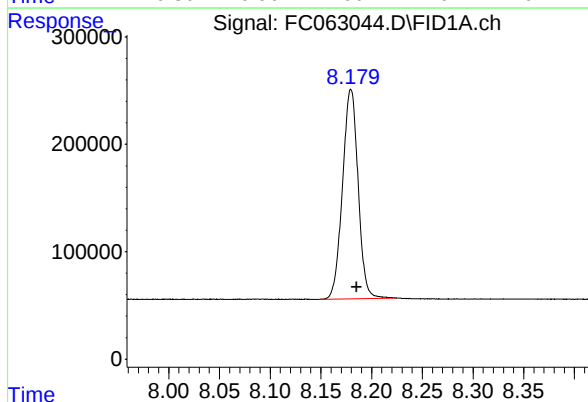
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 2113412
Conc: 18.30 ug/ml



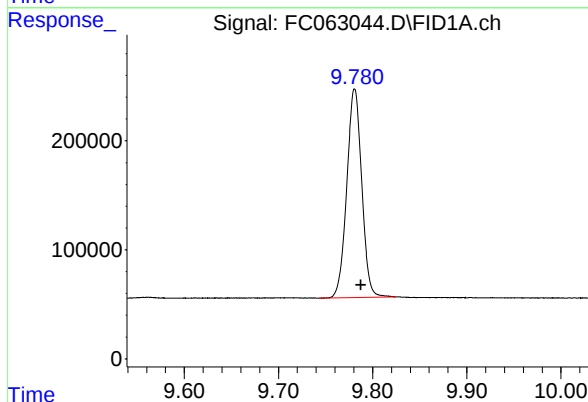
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2159219
Conc: 18.34 ug/ml



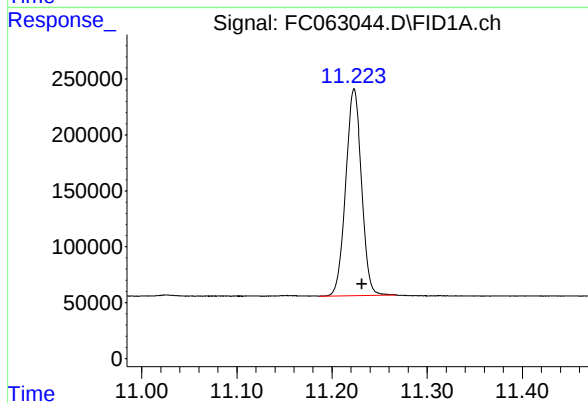
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.006 min
Response: 2085932
Conc: 18.46 ug/ml



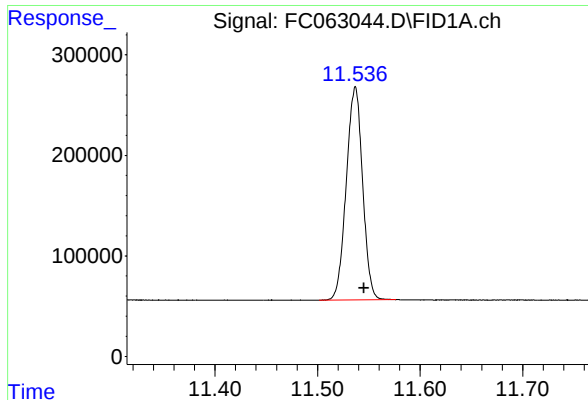
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.007 min
Response: 2109773
Conc: 18.34 ug/ml



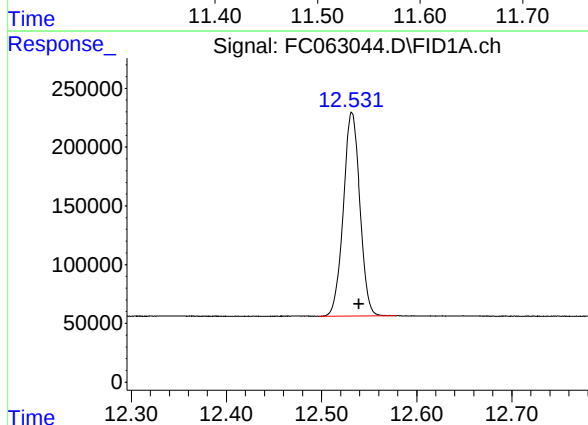
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 2136128
Conc: 18.34 ug/ml



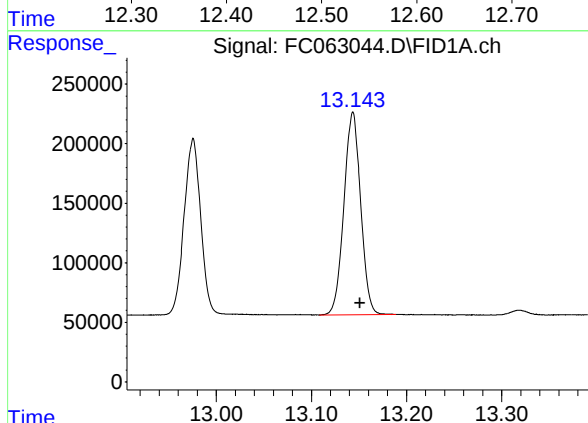
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.008 min
Response: 2343442
Conc: 18.05 ug/ml



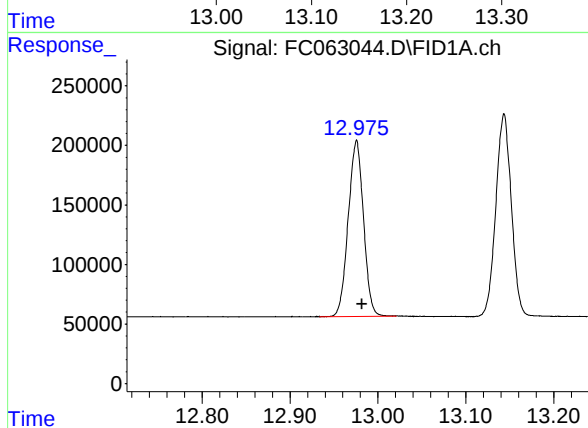
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.008 min
Response: 2095344
Conc: 18.39 ug/ml



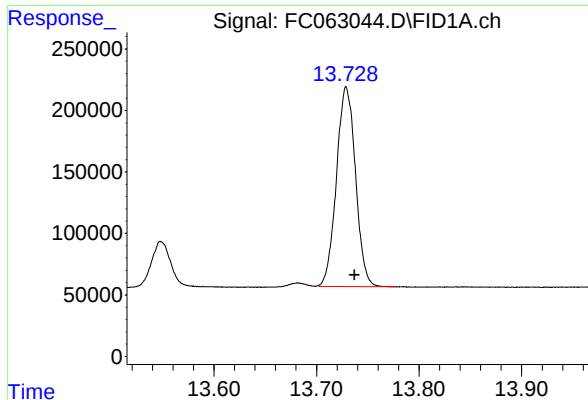
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 2086579
Conc: 18.31 ug/ml



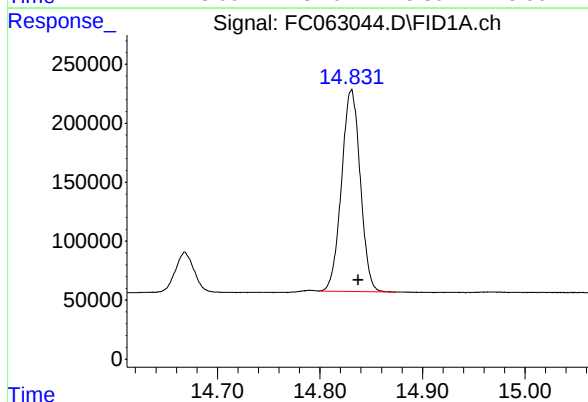
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1781093
Conc: 18.26 ug/ml



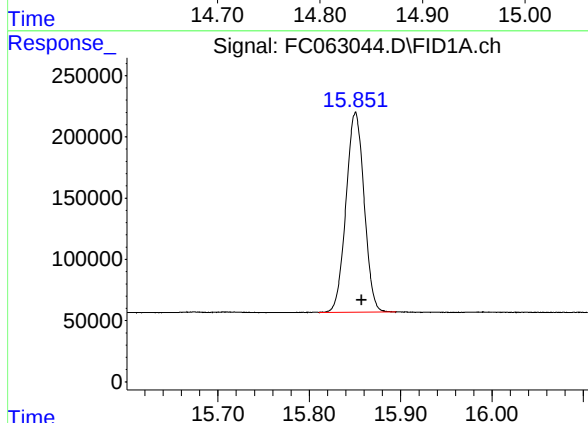
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2096880
Conc: 18.59 ug/ml



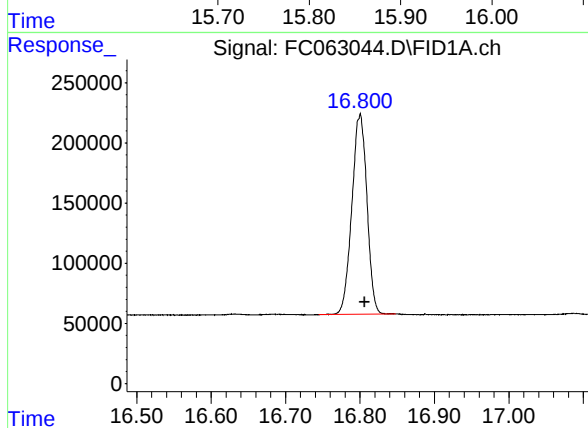
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 2170071
Conc: 19.36 ug/ml



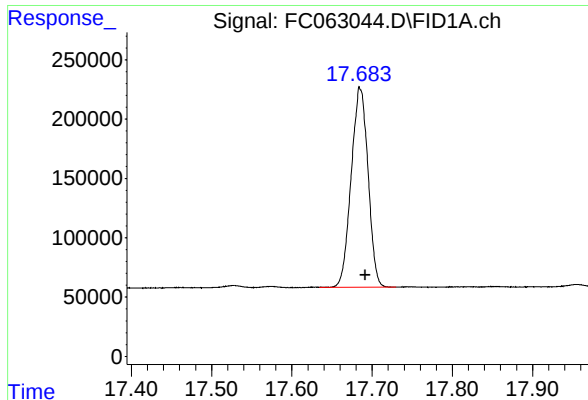
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.007 min
Response: 2247385
Conc: 20.32 ug/ml



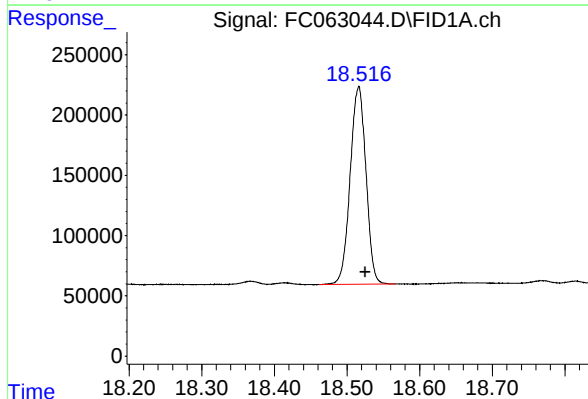
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 2340513
Conc: 21.27 ug/ml



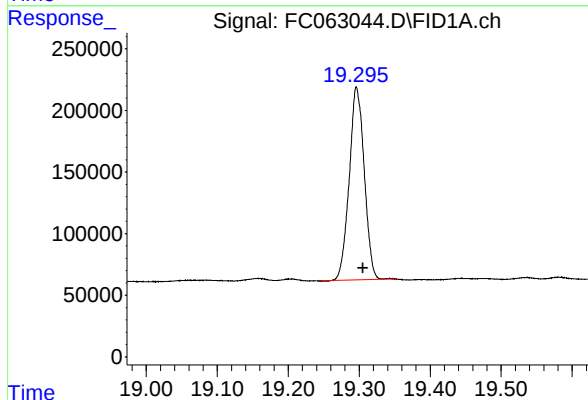
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.007 min
Response: 2455812
Conc: 22.30 ug/ml



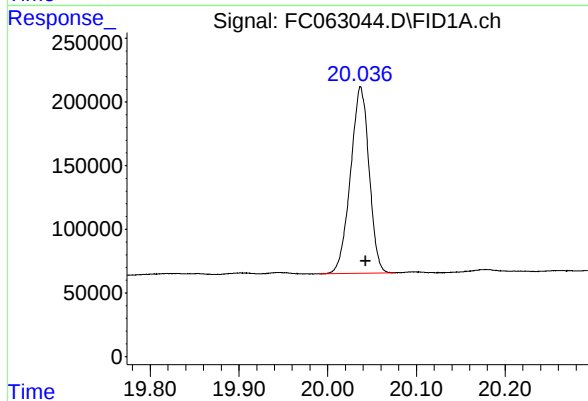
#18 n-Dotriacontane (C32)

R.T.: 18.516 min
Delta R.T.: -0.009 min
Response: 2479709
Conc: 22.22 ug/ml



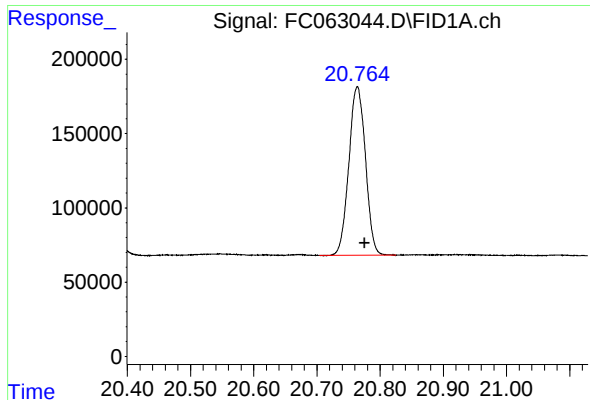
#19 n-Tetatriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.009 min
Response: 2306822
Conc: 20.64 ug/ml



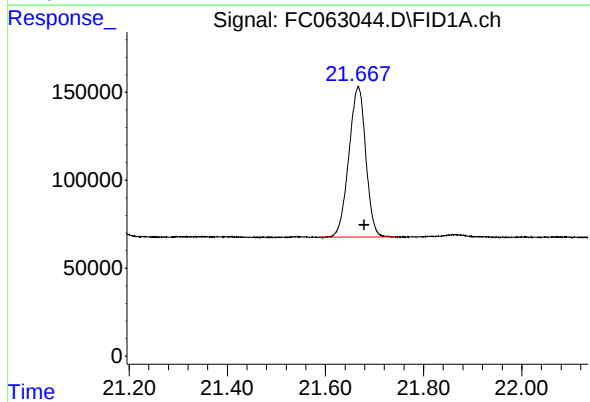
#20 n-Hexatriacontane (C36)

R.T.: 20.037 min
Delta R.T.: -0.006 min
Response: 2130816
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.011 min
Response: 2072338
Conc: 19.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.012 min
Response: 2047291
Conc: 18.82 ug/ml