

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030623AL\
 Data File : FC063110.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2023 22:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 03:22:51 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)	11.538	2293827	17.672 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
12) S 1-chlorooctadecane (S...	12.976	1755965	18.001 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
Target Compounds			
1) T n-Nonane (C9)	3.297	2099534	17.709 ug/ml
2) T n-Decane (C10)	4.364	2076403	18.007 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2280042	17.828 ug/ml
4) T n-Dodecane (C12)	6.385	2075077	17.970 ug/ml
5) T A~2-methylnaphthalene...	7.007	2122437	18.032 ug/ml
6) T n-Tetradecane (C14)	8.181	2046599	18.109 ug/ml
7) T n-Hexadecane (C16)	9.782	2085433	18.128 ug/ml
8) T n-Octadecane (C18)	11.223	2100073	18.030 ug/ml
10) T n-Eicosane (C20)	12.532	2061432	18.092 ug/ml
11) T n-Heneicosane (C21)	13.143	2057537	18.054 ug/ml
13) T n-Docosane (C22)	13.730	2087016	18.505 ug/ml
14) T n-Tetracosane (C24)	14.832	2198720	19.620 ug/ml
15) T n-Hexacosane (C26)	15.852	2241257	20.266 ug/ml
16) T n-Octacosane (C28)	16.800	2368968	21.530 ug/ml
17) T n-Tricontane (C30)	17.689	2568897	23.327 ug/ml
18) T n-Dotriacontane (C32)	18.517	2640993	23.664 ug/ml
19) T n-Tetratriacontane (C34)	19.300	2432783	21.767 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2206197	20.323 ug/ml
21) T n-Octatriacontane (C38)	20.767	2168429	19.955 ug/ml
22) T n-Tetracontane (C40)	21.667	2216824	20.377 ug/ml

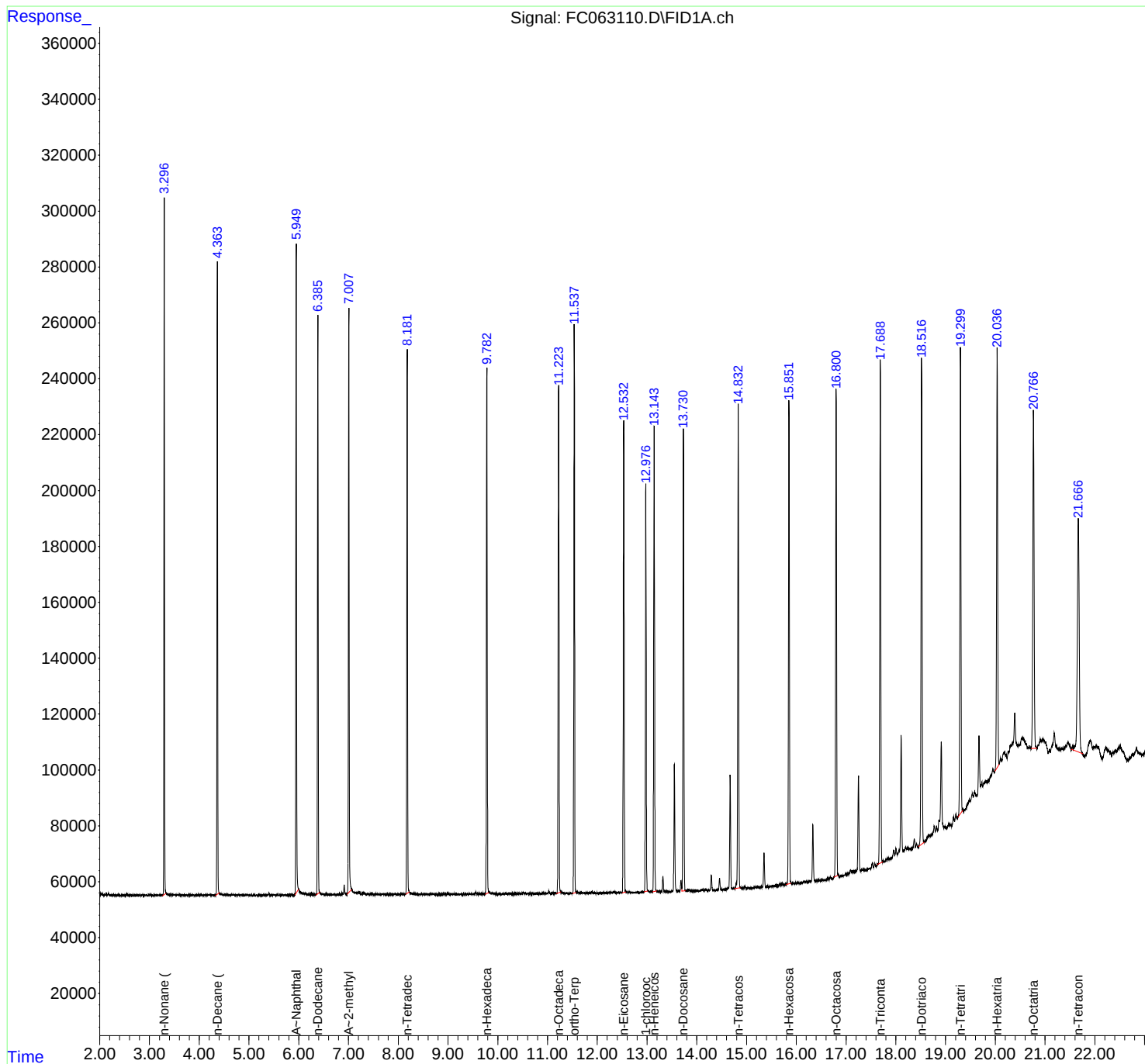
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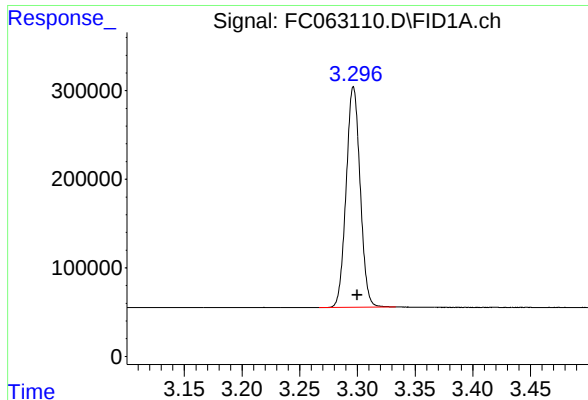
(m)=manual int.

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Operator  : YP/AJ  
Sample    : 20 PPM ALIPHATIC HC STD  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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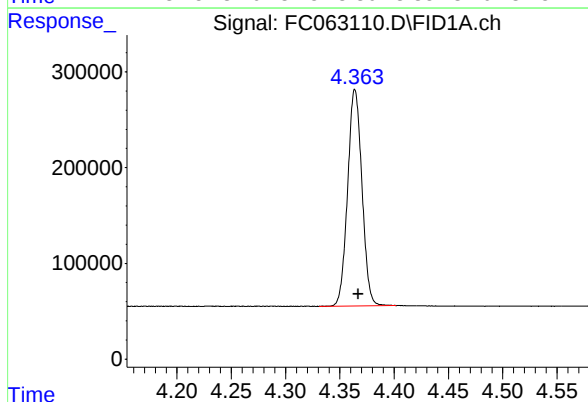
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





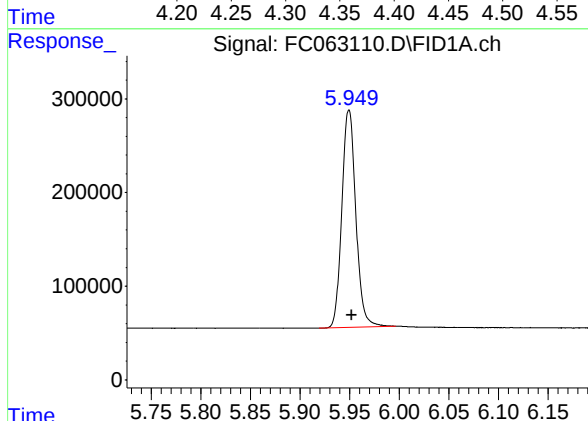
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 2099534
Conc: 17.71 ug/ml



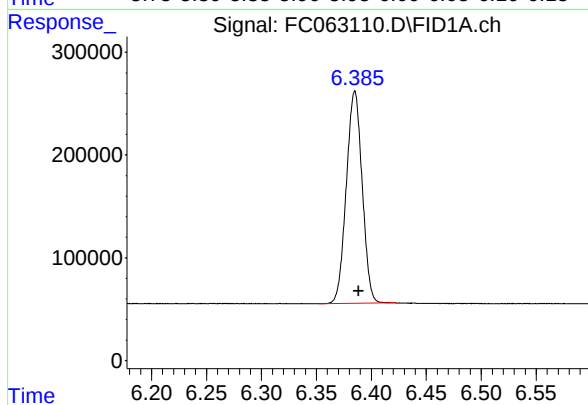
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 2076403
Conc: 18.01 ug/ml



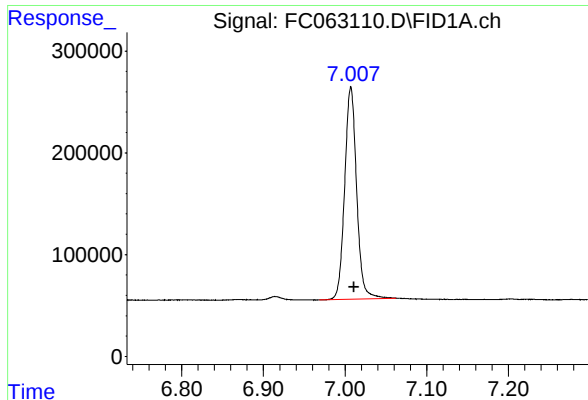
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 2280042
Conc: 17.83 ug/ml



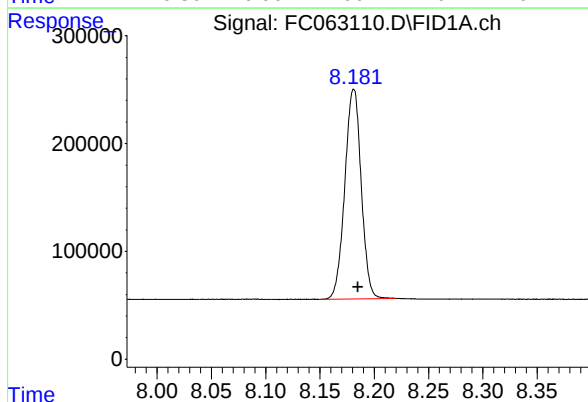
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2075077
Conc: 17.97 ug/ml



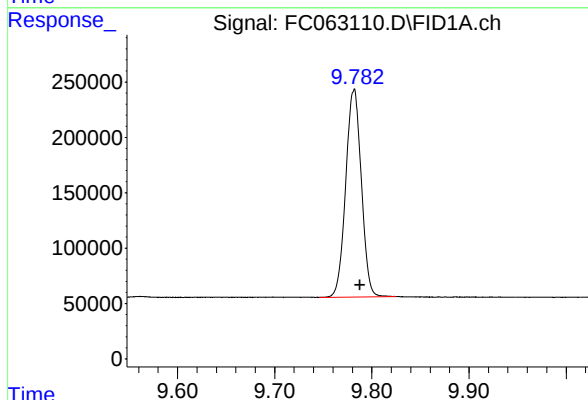
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.004 min
Response: 2122437
Conc: 18.03 ug/ml



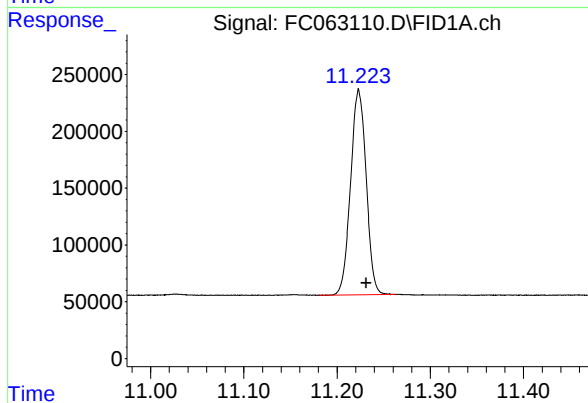
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 2046599
Conc: 18.11 ug/ml



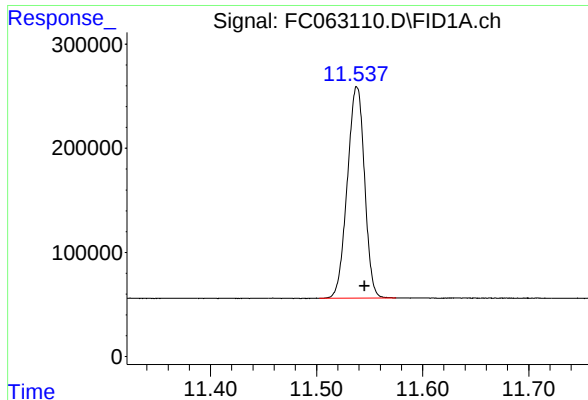
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.006 min
Response: 2085433
Conc: 18.13 ug/ml



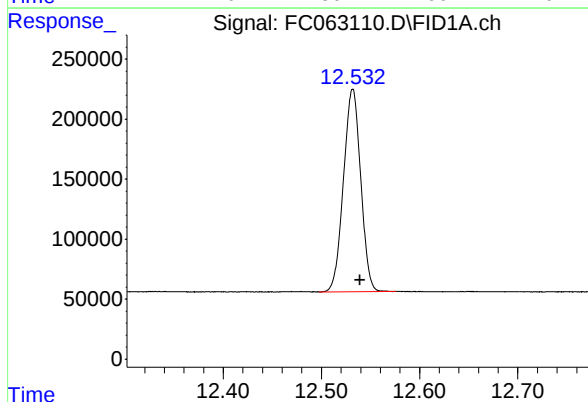
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 2100073
Conc: 18.03 ug/ml



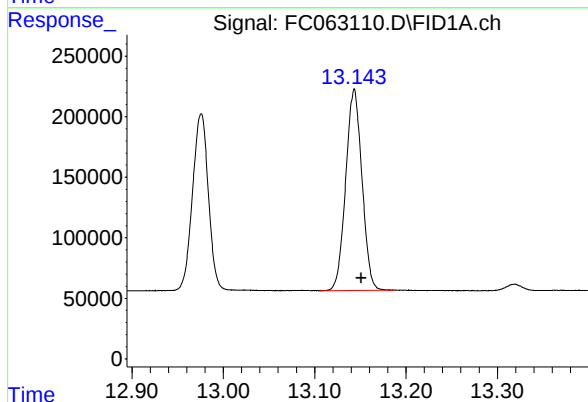
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.007 min
Response: 2293827
Conc: 17.67 ug/ml



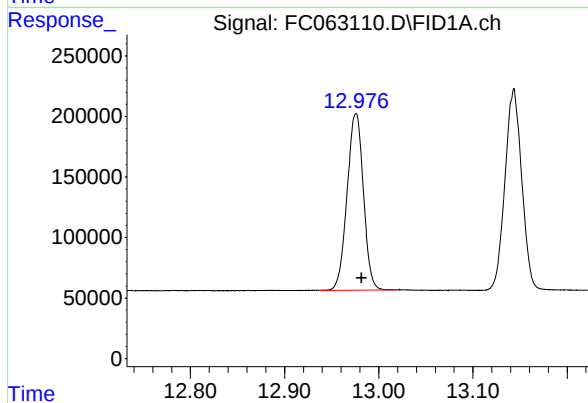
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 2061432
Conc: 18.09 ug/ml



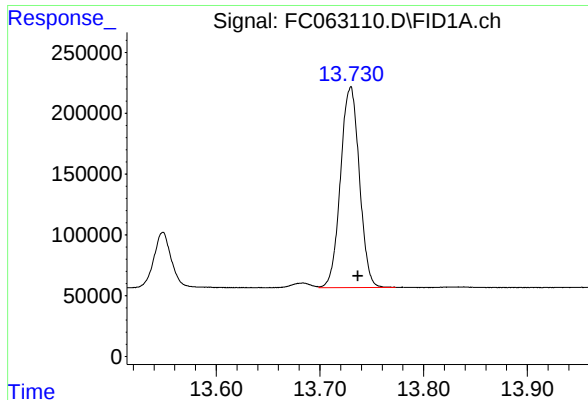
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 2057537
Conc: 18.05 ug/ml



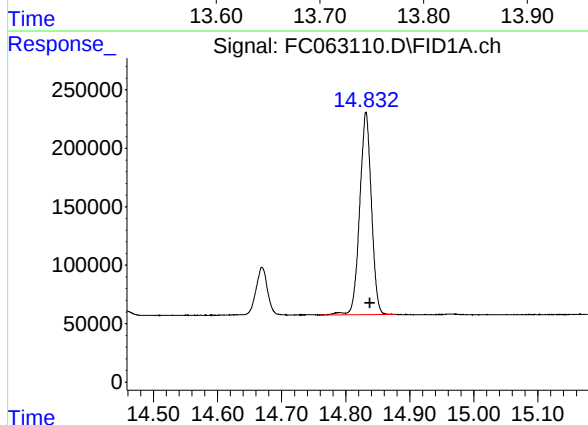
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1755965
Conc: 18.00 ug/ml



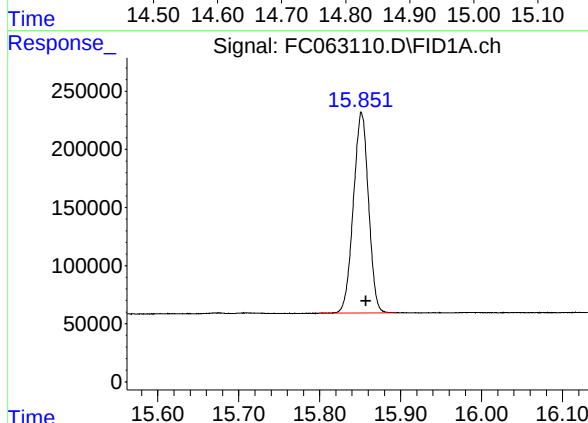
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 2087016
Conc: 18.50 ug/ml



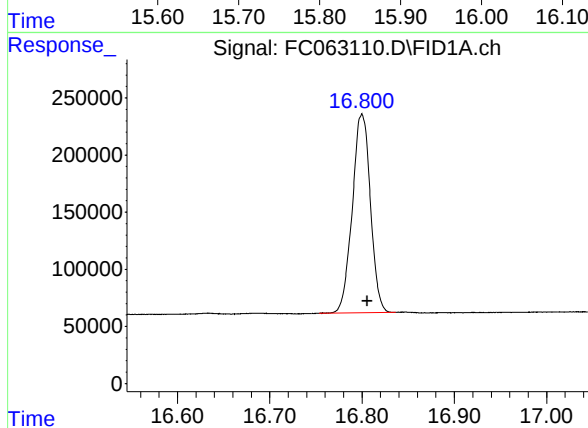
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.006 min
Response: 2198720
Conc: 19.62 ug/ml



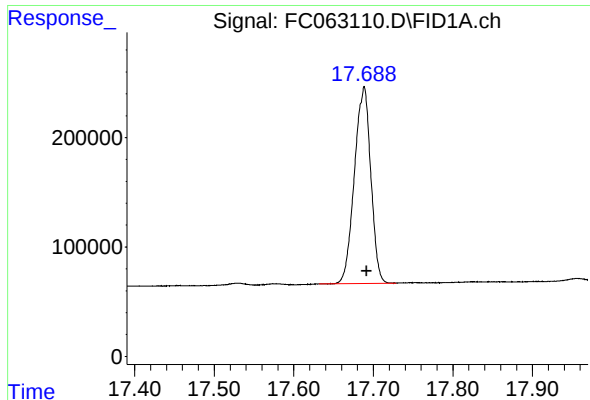
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.006 min
Response: 2241257
Conc: 20.27 ug/ml



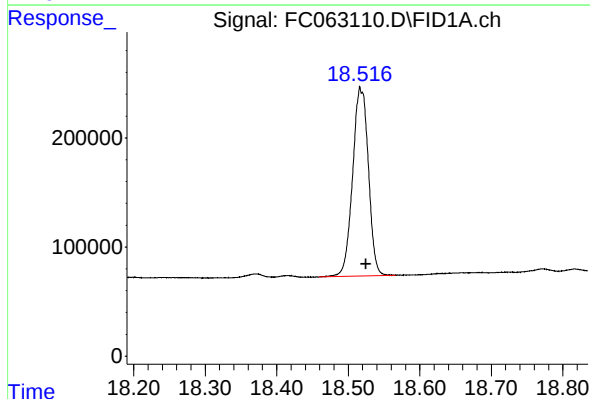
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 2368968
Conc: 21.53 ug/ml



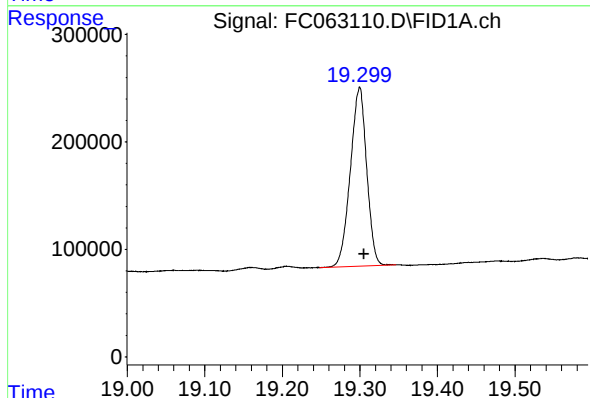
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.003 min
Response: 2568897
Conc: 23.33 ug/ml



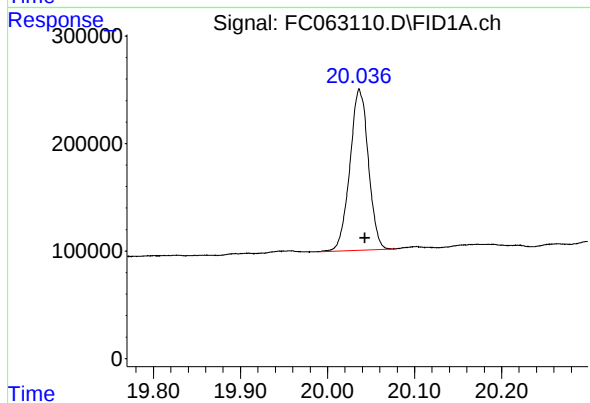
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.008 min
Response: 2640993
Conc: 23.66 ug/ml



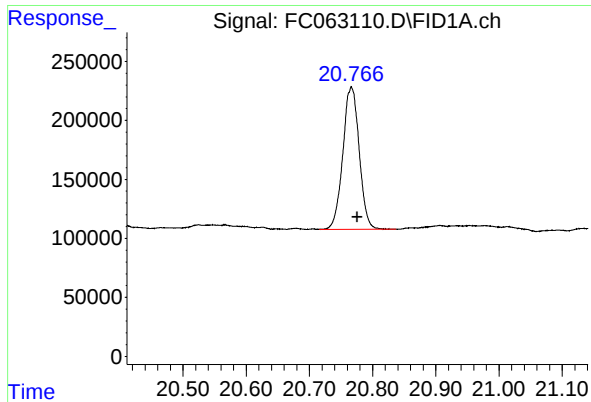
#19 n-Tetatriacontane (C34)

R.T.: 19.300 min
Delta R.T.: -0.006 min
Response: 2432783
Conc: 21.77 ug/ml



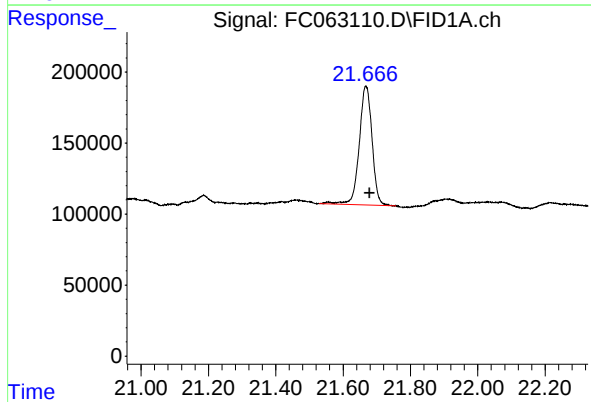
#20 n-Hexatriacontane (C36)

R.T.: 20.037 min
Delta R.T.: -0.006 min
Response: 2206197
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.009 min
Response: 2168429
Conc: 19.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.012 min
Response: 2216824
Conc: 20.38 ug/ml