

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022223AL\
 Data File : FC062971.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 22:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:36:40 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)	11.534	2571115	19.808 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	12.974	1948319	19.973 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
Target Compounds			
1) T n-Nonane (C9)	3.295	2364171	19.941 ug/ml
2) T n-Decane (C10)	4.362	2300605	19.951 ug/ml
3) T A~Naphthalene (C11.7)	5.946	2585017	20.213 ug/ml
4) T n-Dodecane (C12)	6.382	2303210	19.946 ug/ml
5) T A~2-methylnaphthalene...	7.004	2394615	20.344 ug/ml
6) T n-Tetradecane (C14)	8.178	2244593	19.861 ug/ml
7) T n-Hexadecane (C16)	9.780	2314229	20.117 ug/ml
8) T n-Octadecane (C18)	11.221	2336958	20.064 ug/ml
10) T n-Eicosane (C20)	12.530	2271410	19.934 ug/ml
11) T n-Heneicosane (C21)	13.142	2268428	19.905 ug/ml
13) T n-Docosane (C22)	13.728	2245868	19.913 ug/ml
14) T n-Tetracosane (C24)	14.831	2227178	19.874 ug/ml
15) T n-Hexacosane (C26)	15.849	2203446	19.924 ug/ml
16) T n-Octacosane (C28)	16.797	2201337	20.006 ug/ml
17) T n-Tricontane (C30)	17.683	2221018	20.168 ug/ml
18) T n-Dotriacontane (C32)	18.514	2307817	20.678 ug/ml
19) T n-Tetratriacontane (C34)	19.297	2275517	20.360 ug/ml
20) T n-Hexatriacontane (C36)	20.031	2148725	19.794 ug/ml
21) T n-Octatriacontane (C38)	20.764	2190744	20.160 ug/ml
22) T n-Tetracontane (C40)	21.662	2124107	19.524 ug/ml

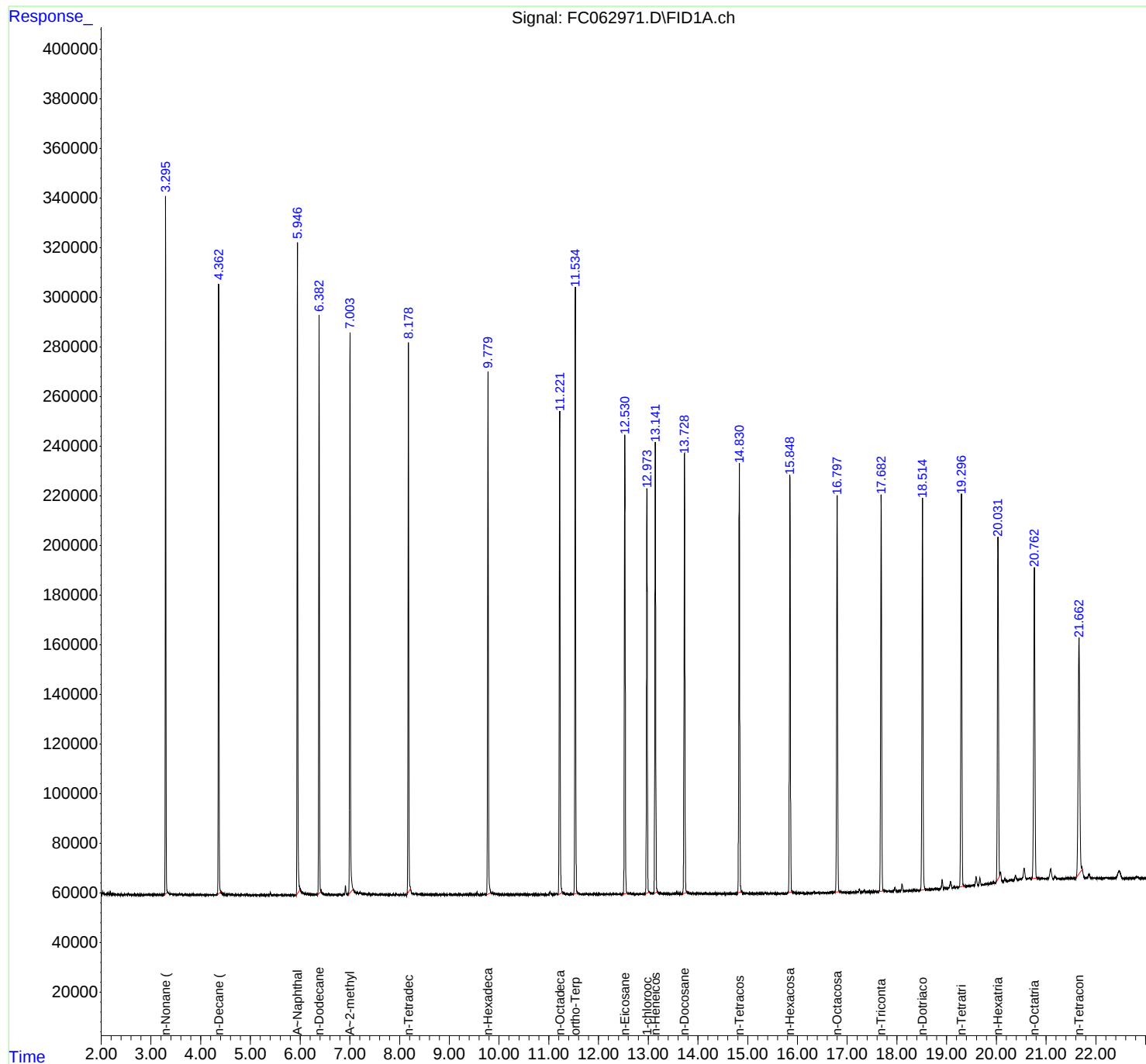
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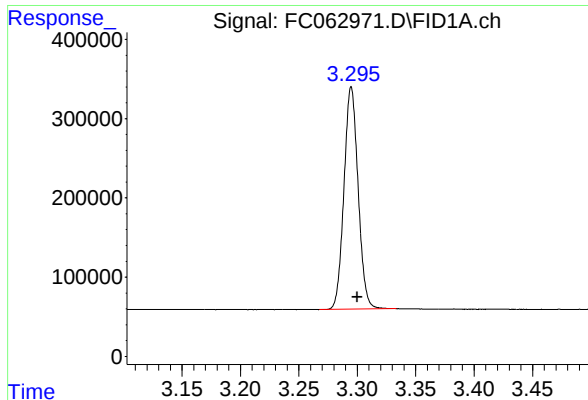
(m)=manual int.

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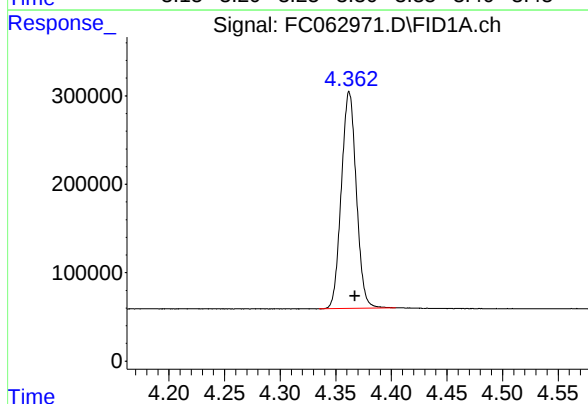
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





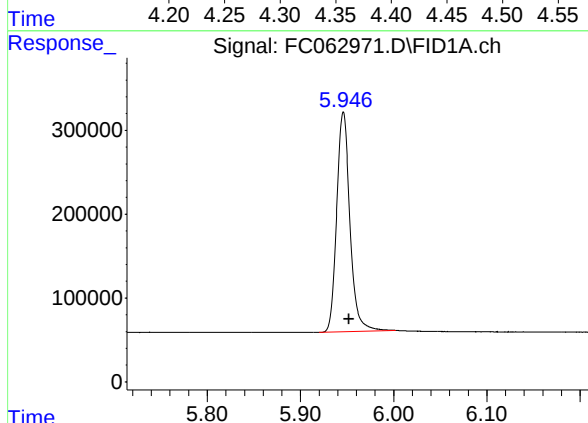
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2364171
Conc: 19.94 ug/ml



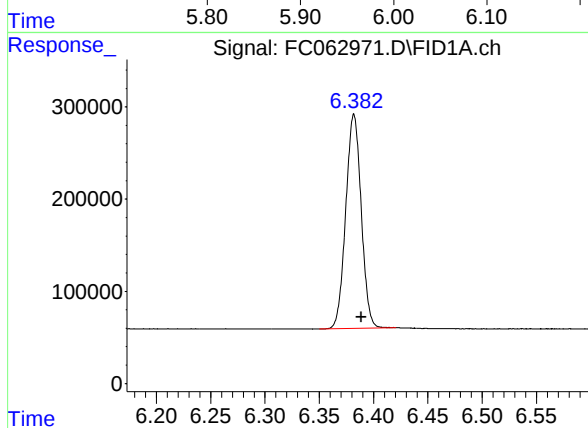
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2300605
Conc: 19.95 ug/ml



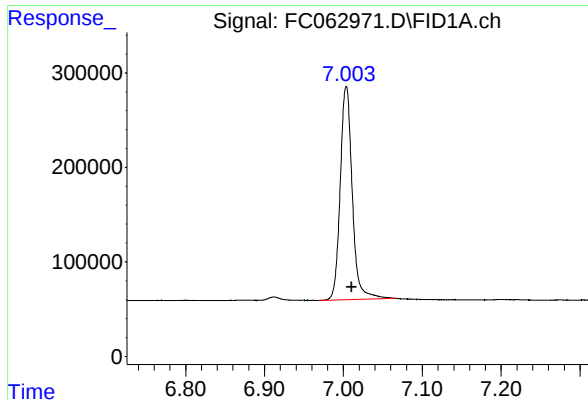
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 2585017
Conc: 20.21 ug/ml



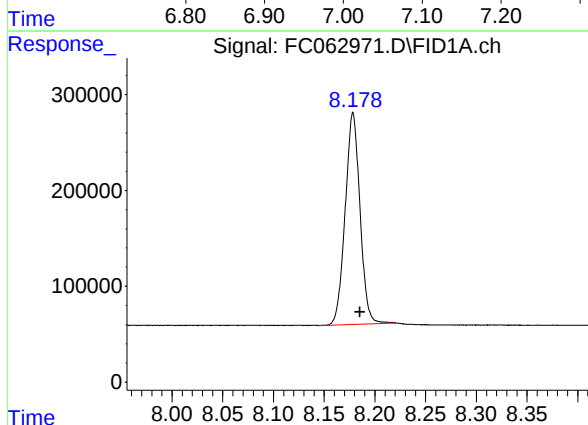
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.007 min
Response: 2303210
Conc: 19.95 ug/ml



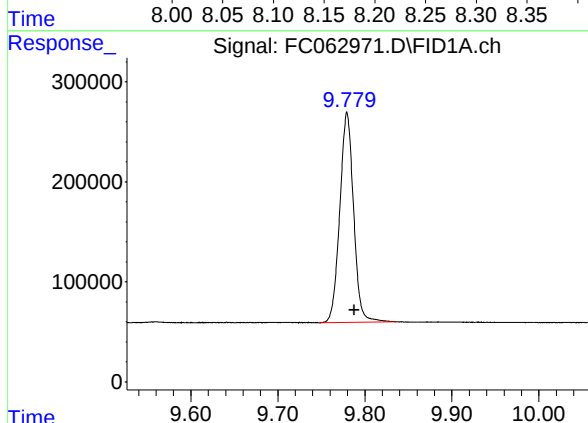
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.007 min
Response: 2394615
Conc: 20.34 ug/ml



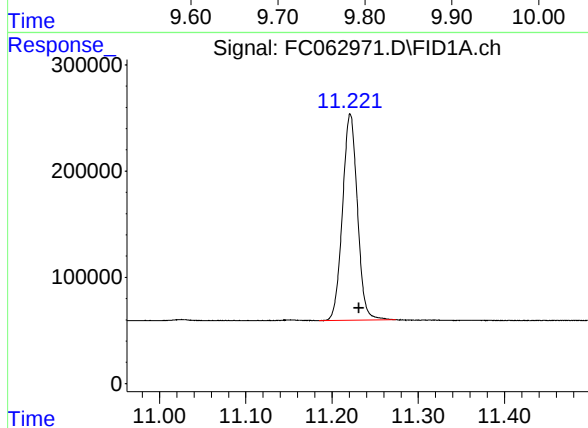
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 2244593
Conc: 19.86 ug/ml



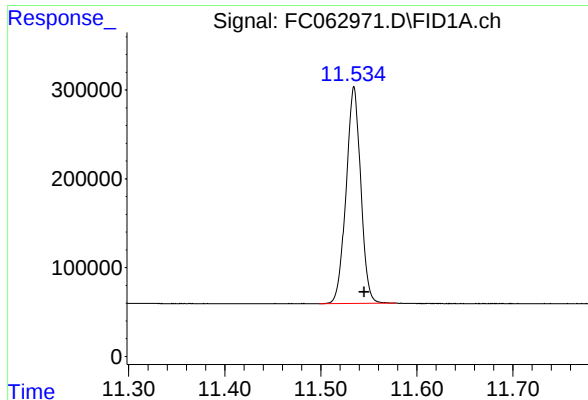
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.008 min
Response: 2314229
Conc: 20.12 ug/ml



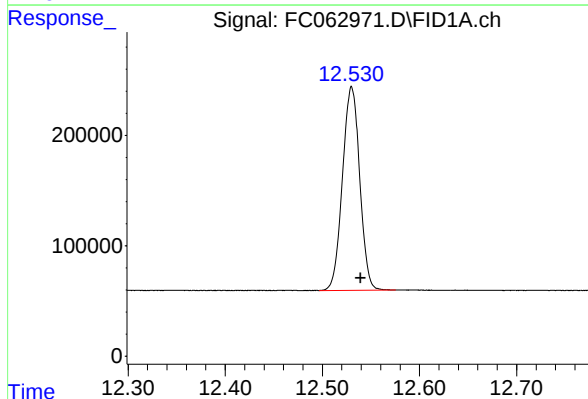
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 2336958
Conc: 20.06 ug/ml



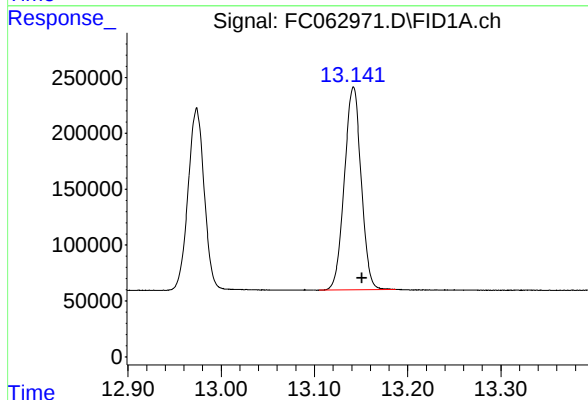
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.011 min
Response: 2571115
Conc: 19.81 ug/ml



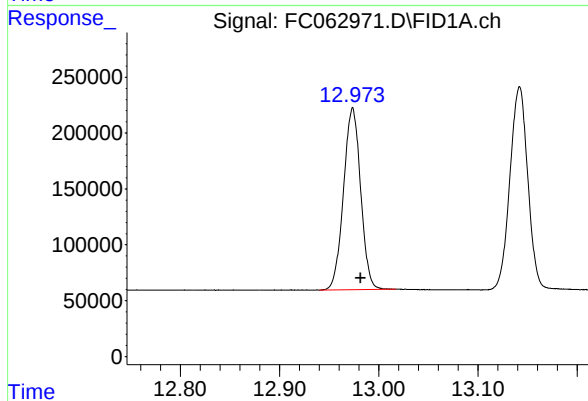
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.009 min
Response: 2271410
Conc: 19.93 ug/ml



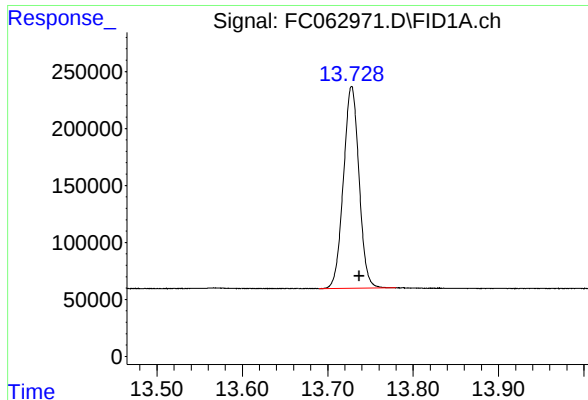
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 2268428
Conc: 19.90 ug/ml



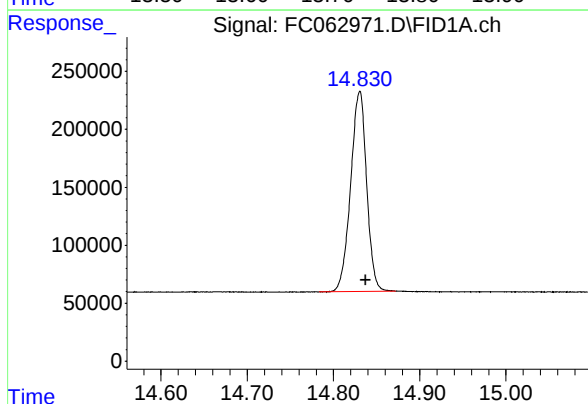
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 1948319
Conc: 19.97 ug/ml



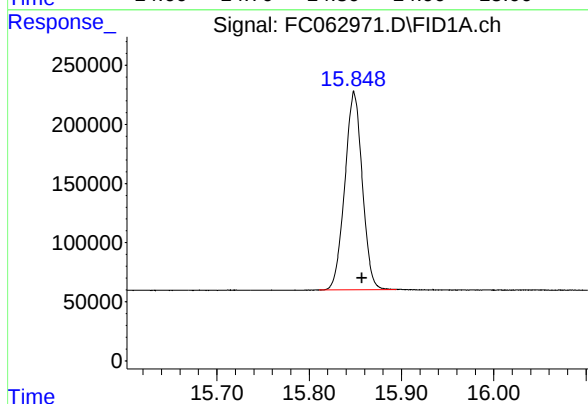
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.009 min
Response: 2245868
Conc: 19.91 ug/ml



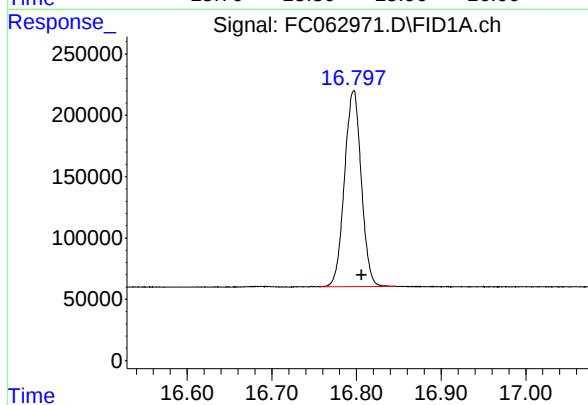
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 2227178
Conc: 19.87 ug/ml



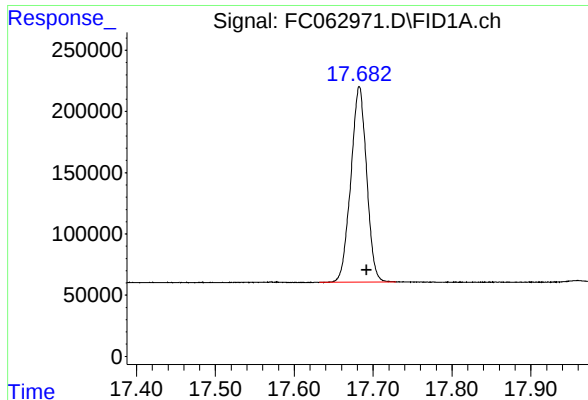
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.009 min
Response: 2203446
Conc: 19.92 ug/ml



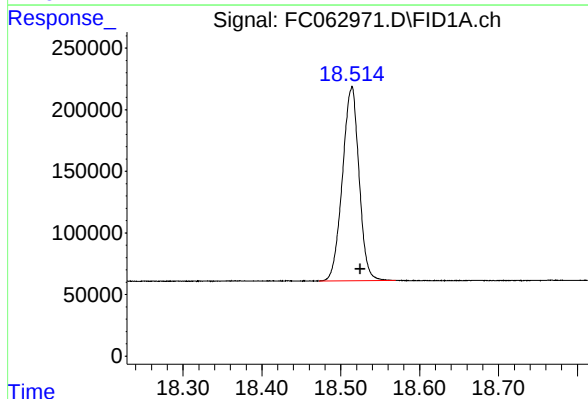
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 2201337
Conc: 20.01 ug/ml



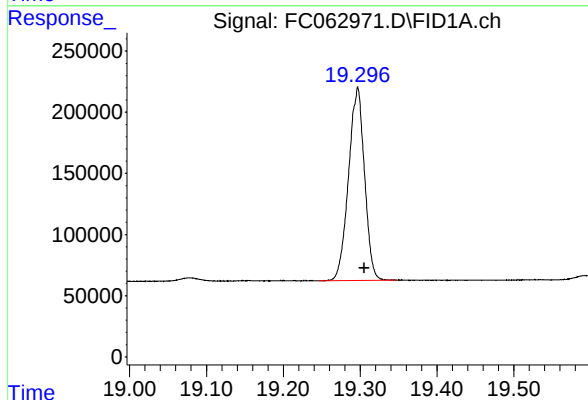
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.009 min
Response: 2221018
Conc: 20.17 ug/ml



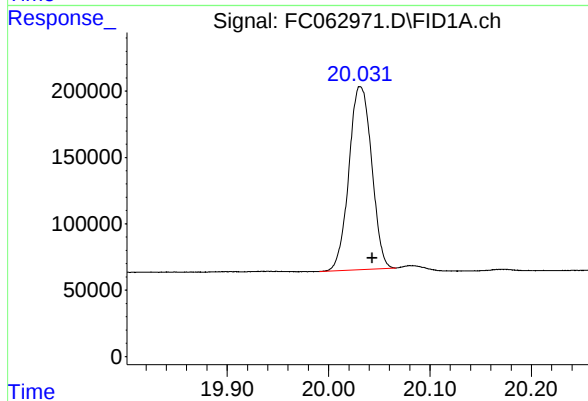
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.011 min
Response: 2307817
Conc: 20.68 ug/ml



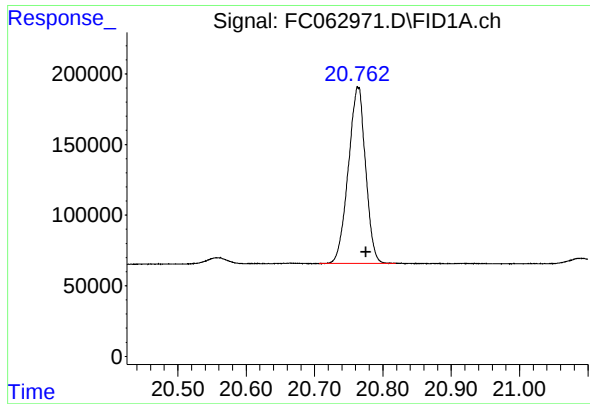
#19 n-Tetatriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 2275517
Conc: 20.36 ug/ml



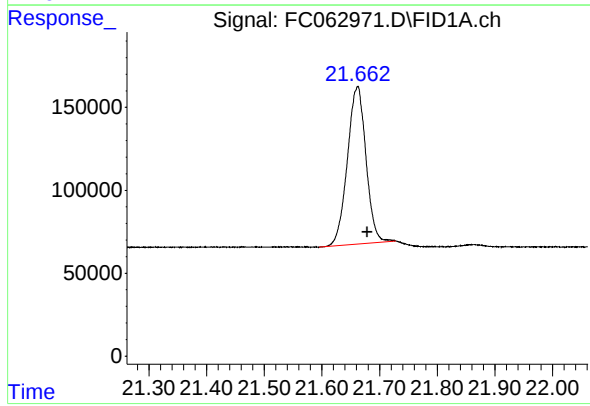
#20 n-Hexatriacontane (C36)

R.T.: 20.031 min
Delta R.T.: -0.012 min
Response: 2148725
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.011 min
Response: 2190744
Conc: 20.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.662 min
Delta R.T.: -0.017 min
Response: 2124107
Conc: 19.52 ug/ml