

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020123AL\
 Data File : FC062843.D
 Signal(s) : FID1A.ch
 Acq On : 01 Feb 2023 14:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 00:54:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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	2423445	19.489 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	12.976	1843577	19.546 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.300	2101014	19.441 ug/ml
2) T n-Decane (C10)	4.367	2048646	19.718 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2341802	19.801 ug/ml
4) T n-Dodecane (C12)	6.387	2032351	19.660 ug/ml
5) T A~2-methylnaphthalene...	7.008	2211169	20.209 ug/ml
6) T n-Tetradecane (C14)	8.182	2097979	20.450 ug/ml
7) T n-Hexadecane (C16)	9.782	2140654	19.786 ug/ml
8) T n-Octadecane (C18)	11.225	2177851	19.645 ug/ml
10) T n-Eicosane (C20)	12.533	2120804	19.452 ug/ml
11) T n-Heneicosane (C21)	13.145	2120139	19.479 ug/ml
13) T n-Docosane (C22)	13.731	2105351	19.542 ug/ml
14) T n-Tetracosane (C24)	14.831	2108843	19.691 ug/ml
15) T n-Hexacosane (C26)	15.850	2097520	19.904 ug/ml
16) T n-Octacosane (C28)	16.798	2097793	20.076 ug/ml
17) T n-Tricontane (C30)	17.685	2129946	20.398 ug/ml
18) T n-Dotriacontane (C32)	18.515	2149667	19.901 ug/ml
19) T n-Tetratriacontane (C34)	19.297	2096887	19.949 ug/ml
20) T n-Hexatriacontane (C36)	20.037	1996151	19.822 ug/ml
21) T n-Octatriacontane (C38)	20.764	1984970	19.770 ug/ml
22) T n-Tetracontane (C40)	21.663	1978828	20.530 ug/ml

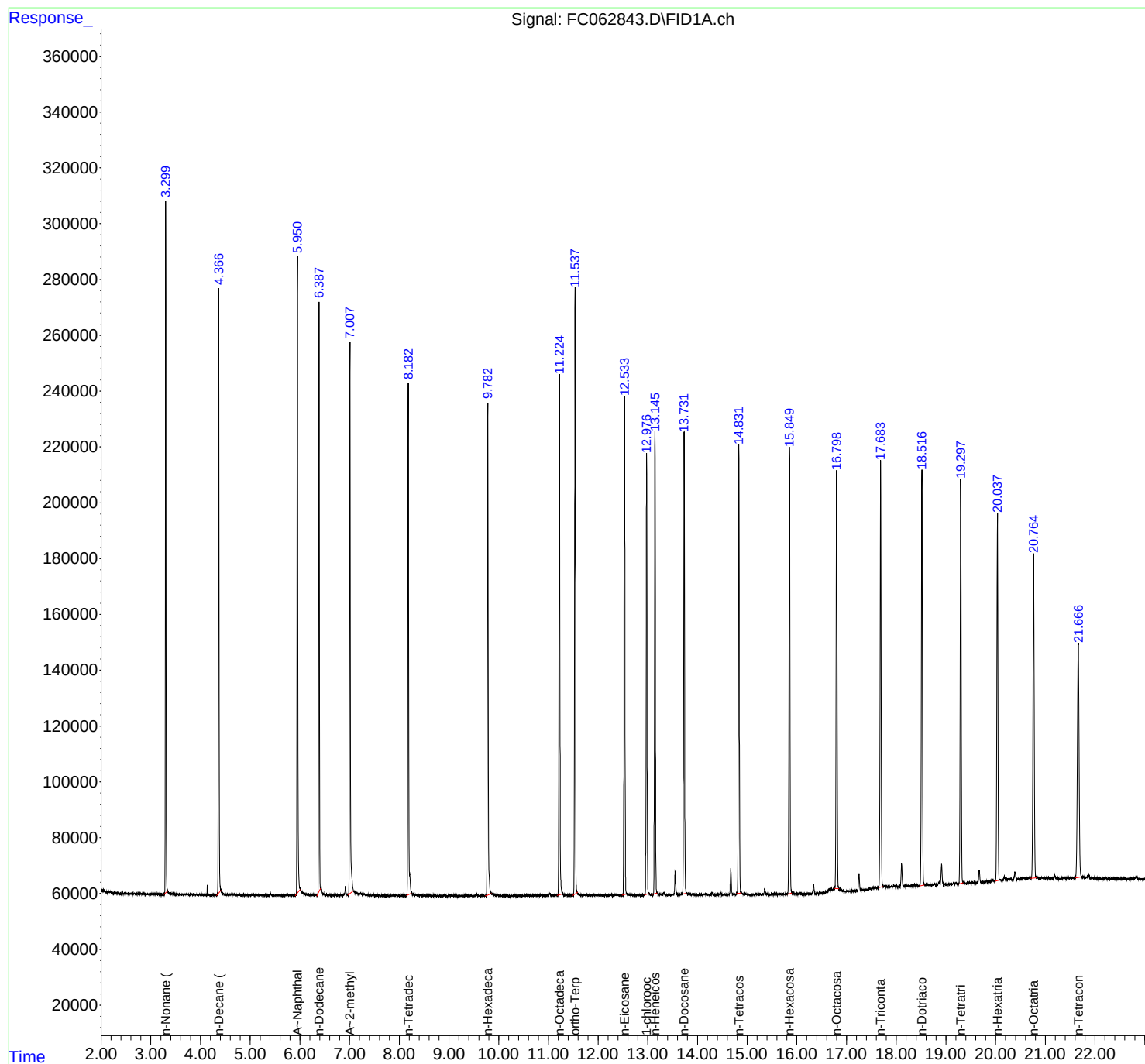
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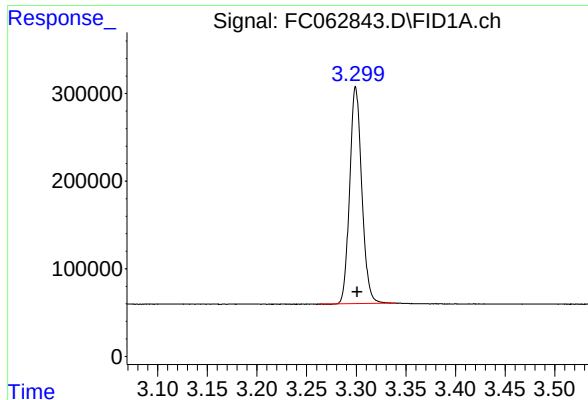
(m)=manual int.

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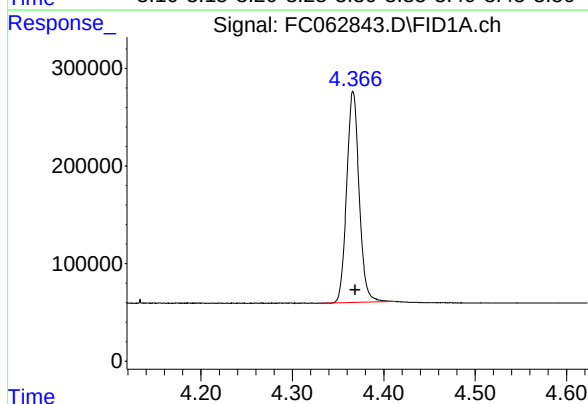
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Signal Info : 20M x 0.18mm x 0.18um





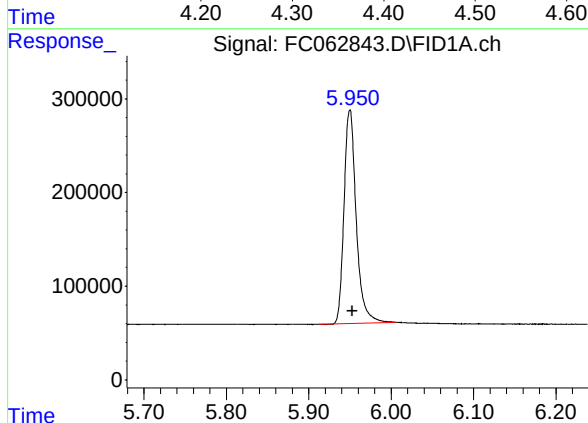
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 2101014
Conc: 19.44 ug/ml



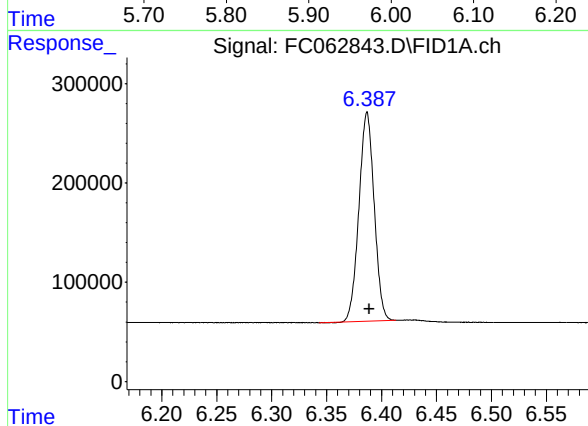
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 2048646
Conc: 19.72 ug/ml



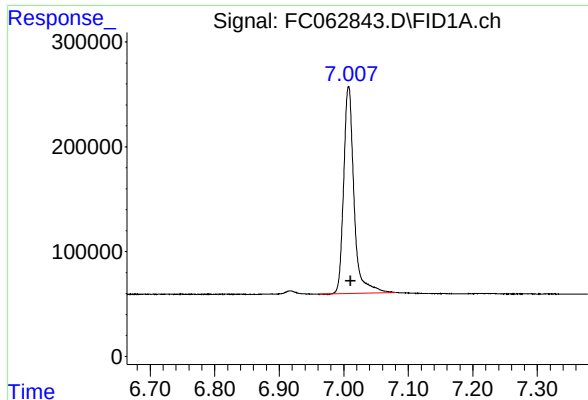
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2341802
Conc: 19.80 ug/ml



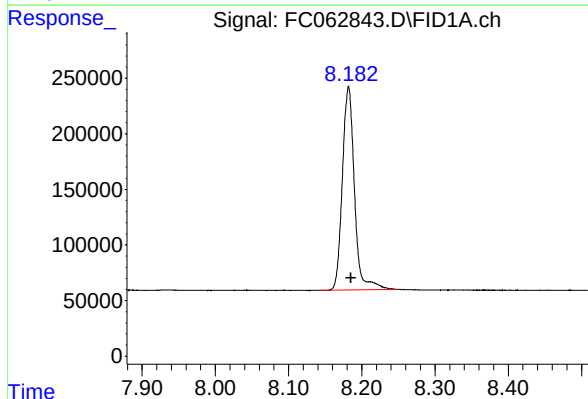
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2032351
Conc: 19.66 ug/ml



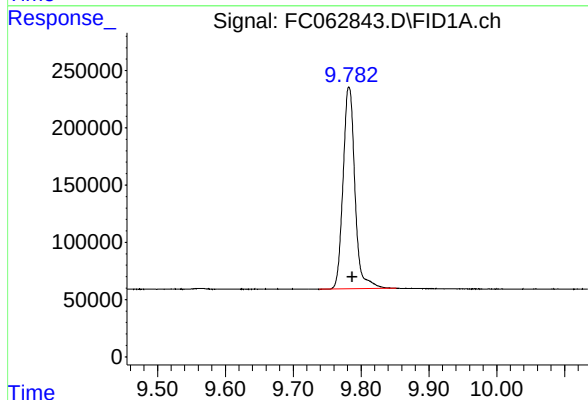
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2211169
Conc: 20.21 ug/ml



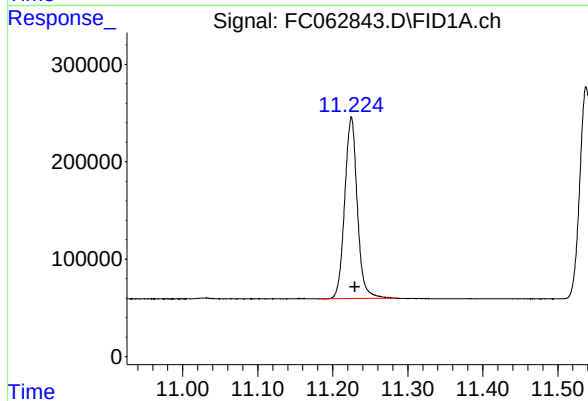
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 2097979
Conc: 20.45 ug/ml



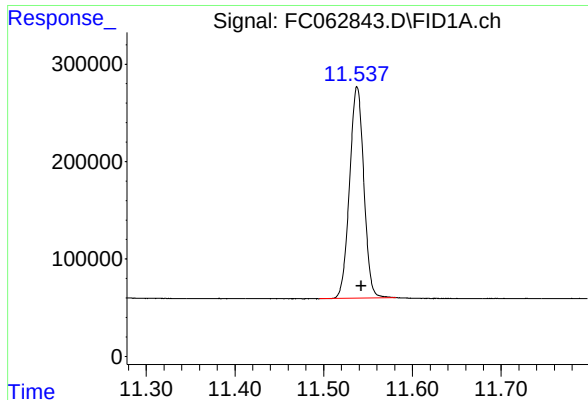
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: -0.005 min
Response: 2140654
Conc: 19.79 ug/ml



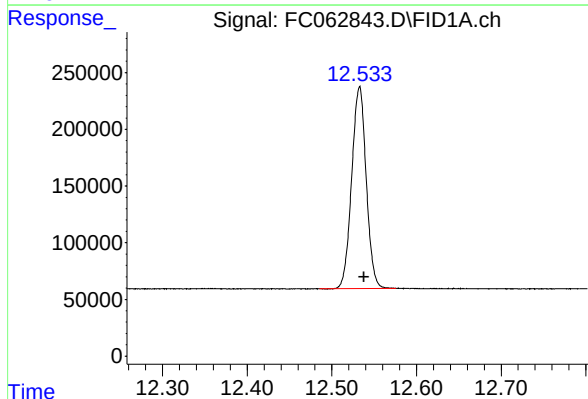
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 2177851
Conc: 19.64 ug/ml



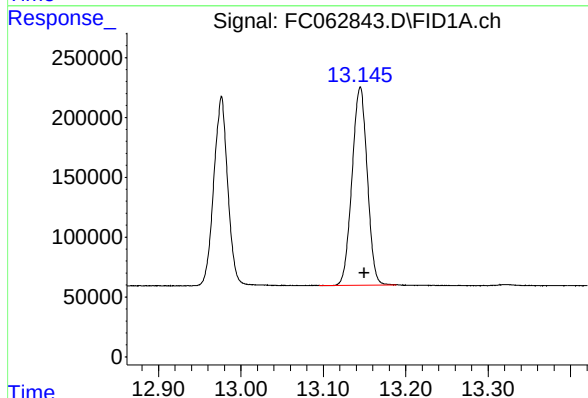
#9 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.005 min
Response: 2423445
Conc: 19.49 ug/ml



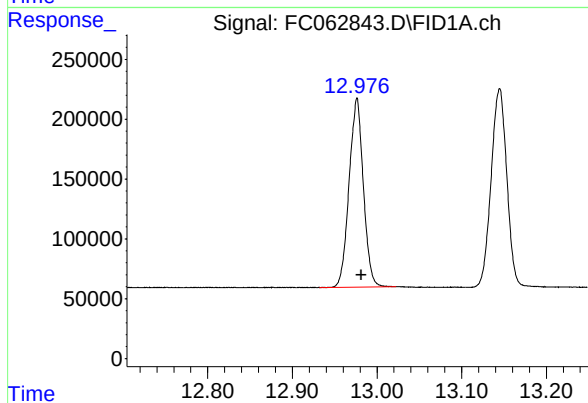
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.005 min
Response: 2120804
Conc: 19.45 ug/ml



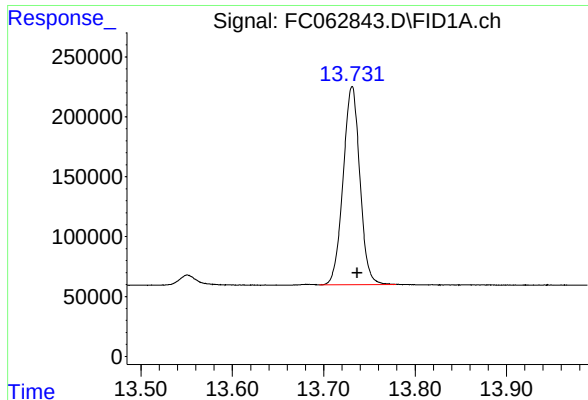
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.005 min
Response: 2120139
Conc: 19.48 ug/ml



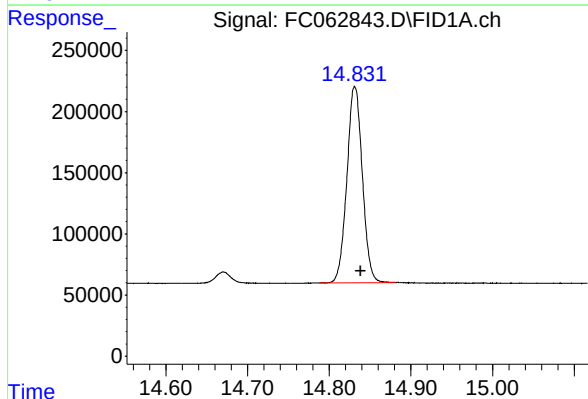
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.005 min
Response: 1843577
Conc: 19.55 ug/ml



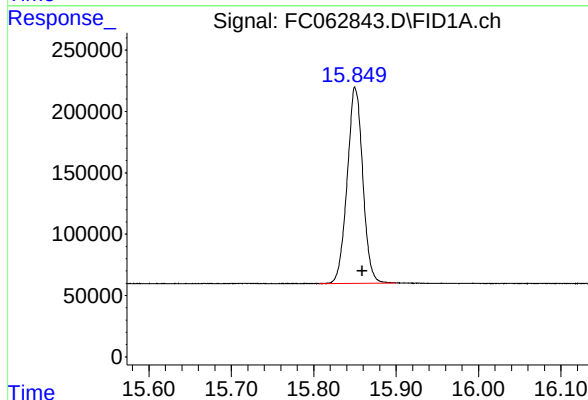
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: -0.005 min
Response: 2105351
Conc: 19.54 ug/ml



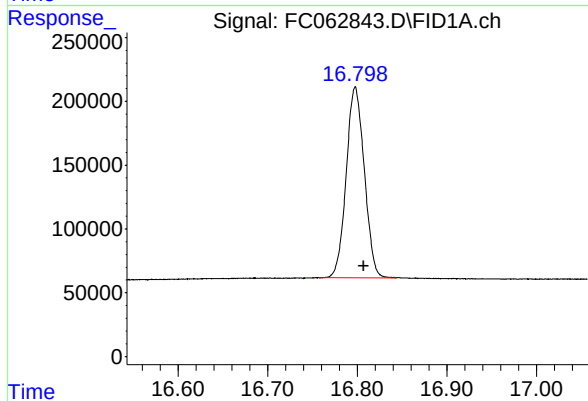
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 2108843
Conc: 19.69 ug/ml



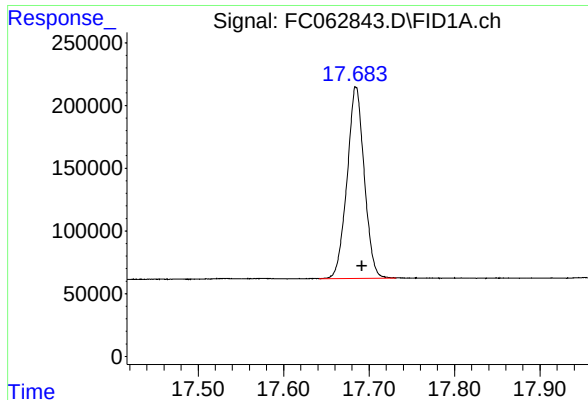
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.009 min
Response: 2097520
Conc: 19.90 ug/ml



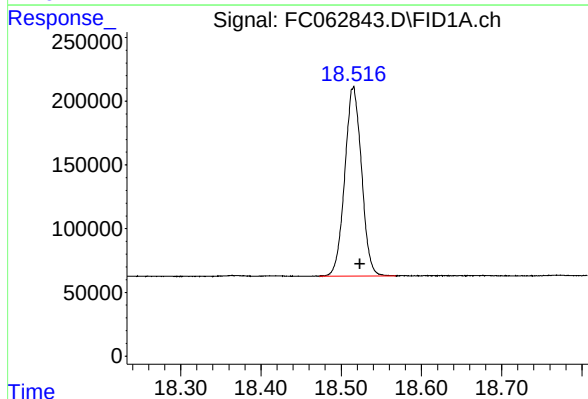
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.009 min
Response: 2097793
Conc: 20.08 ug/ml



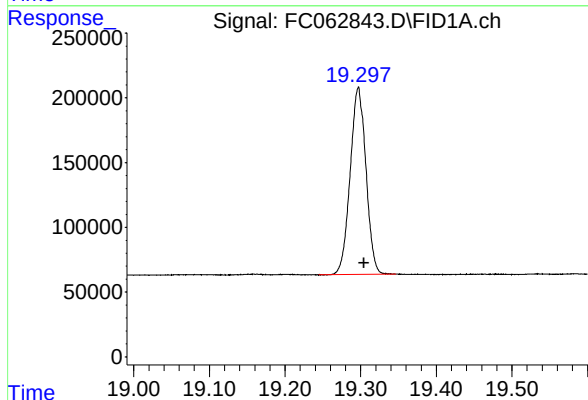
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.007 min
Response: 2129946
Conc: 20.40 ug/ml



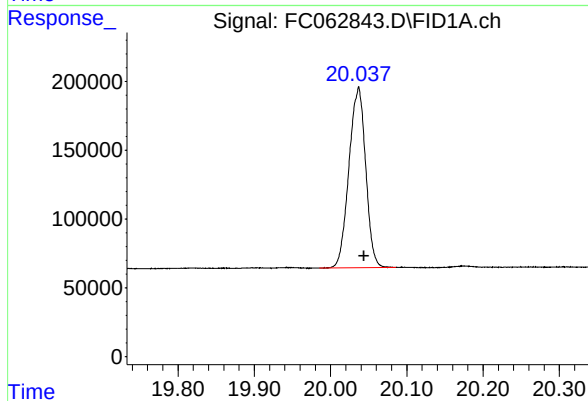
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.008 min
Response: 2149667
Conc: 19.90 ug/ml



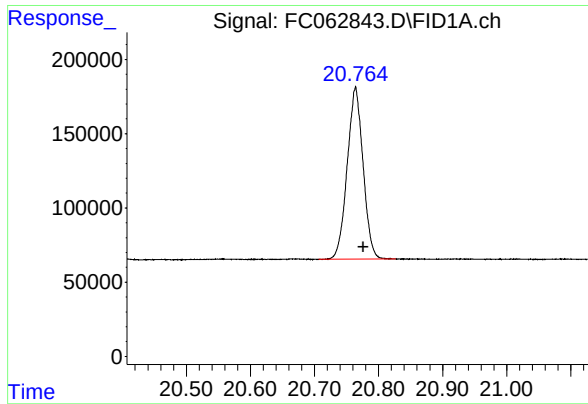
#19 n-Tetatriacontane (C34)

R.T.: 19.297 min
Delta R.T.: -0.008 min
Response: 2096887
Conc: 19.95 ug/ml



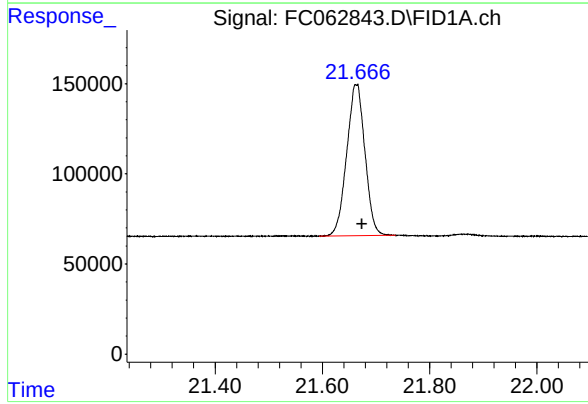
#20 n-Hexatriacontane (C36)

R.T.: 20.037 min
Delta R.T.: -0.007 min
Response: 1996151
Conc: 19.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.012 min
Response: 1984970
Conc: 19.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.011 min
Response: 1978828
Conc: 20.53 ug/ml