

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031023AL\
 Data File : FC063147.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2023 12:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 03:17:53 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)	11.535	2560168	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.972	1935096	19.837 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.296	2346259	19.790 ug/ml
2) T n-Decane (C10)	4.364	2295220	19.904 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2547660	19.921 ug/ml
4) T n-Dodecane (C12)	6.383	2297845	19.899 ug/ml
5) T A~2-methylnaphthalene...	7.005	2348745	19.955 ug/ml
6) T n-Tetradecane (C14)	8.178	2259795	19.995 ug/ml
7) T n-Hexadecane (C16)	9.779	2291335	19.918 ug/ml
8) T n-Octadecane (C18)	11.222	2328768	19.994 ug/ml
10) T n-Eicosane (C20)	12.530	2269180	19.915 ug/ml
11) T n-Heneicosane (C21)	13.141	2270834	19.926 ug/ml
13) T n-Docosane (C22)	13.726	2253363	19.980 ug/ml
14) T n-Tetracosane (C24)	14.827	2262246	20.187 ug/ml
15) T n-Hexacosane (C26)	15.848	2263554	20.468 ug/ml
16) T n-Octacosane (C28)	16.796	2279150	20.714 ug/ml
17) T n-Tricontane (C30)	17.681	2337241	21.224 ug/ml
18) T n-Dotriacontane (C32)	18.513	2387015	21.388 ug/ml
19) T n-Tetratriacontane (C34)	19.295	2347584	21.005 ug/ml
20) T n-Hexatriacontane (C36)	20.033	2255555	20.778 ug/ml
21) T n-Octatriacontane (C38)	20.762	2236392	20.580 ug/ml
22) T n-Tetracontane (C40)	21.660	2235382	20.547 ug/ml

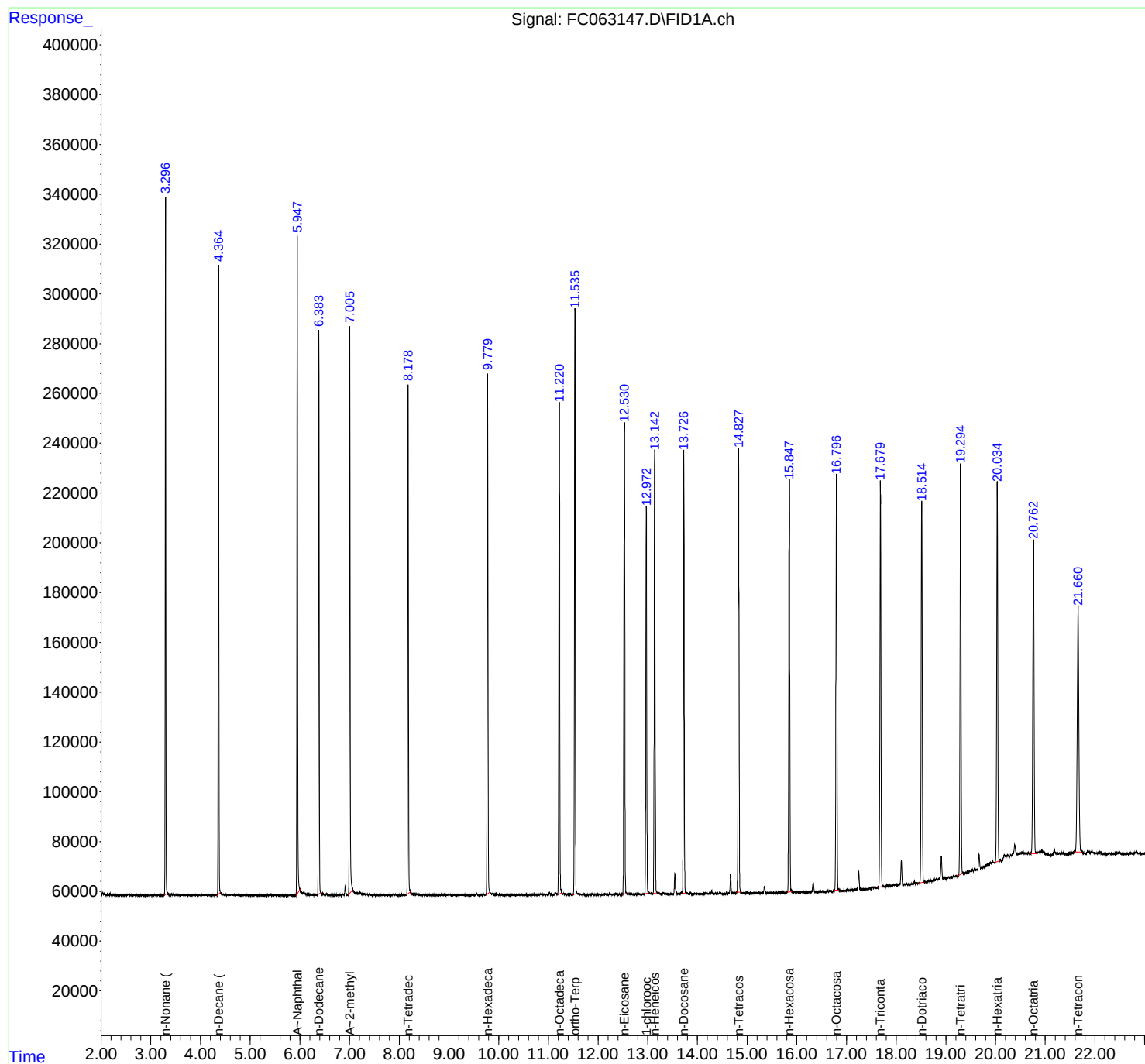
(f)=RT Delta > 1/2 Window

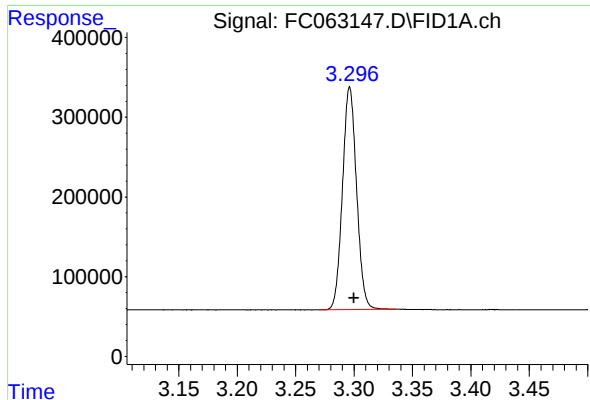
(m)=manual int.

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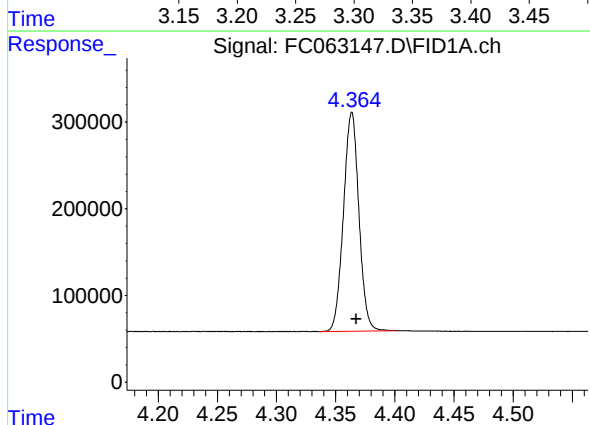
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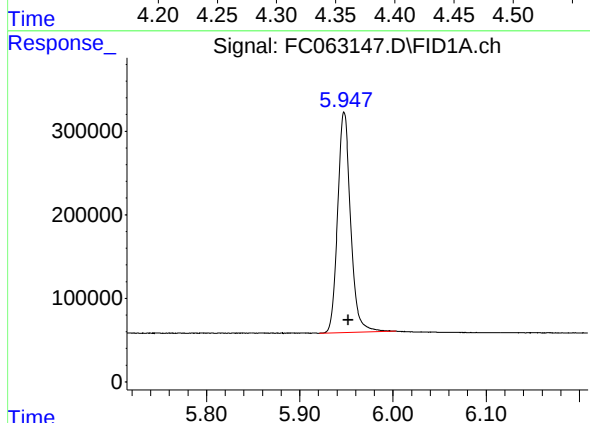
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 2346259
Conc: 19.79 ug/ml



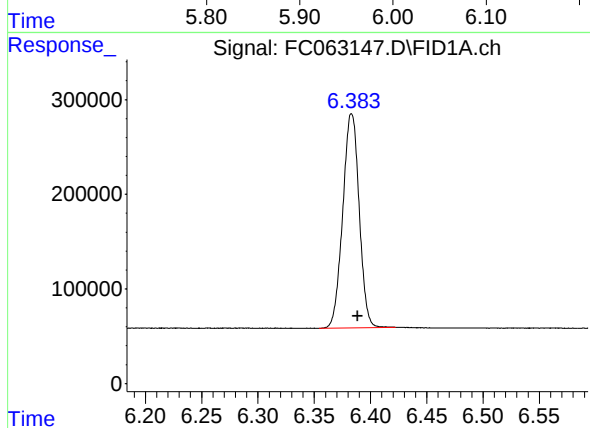
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.004 min
Response: 2295220
Conc: 19.90 ug/ml



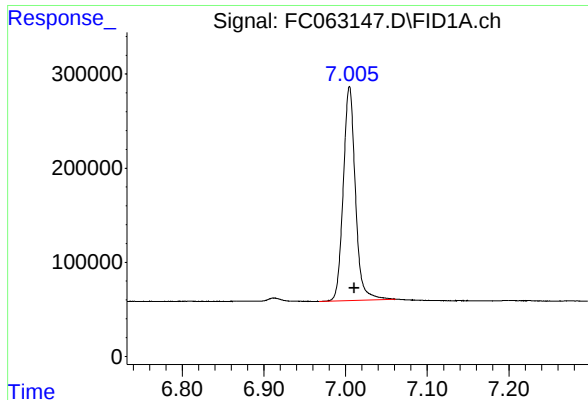
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 2547660
Conc: 19.92 ug/ml



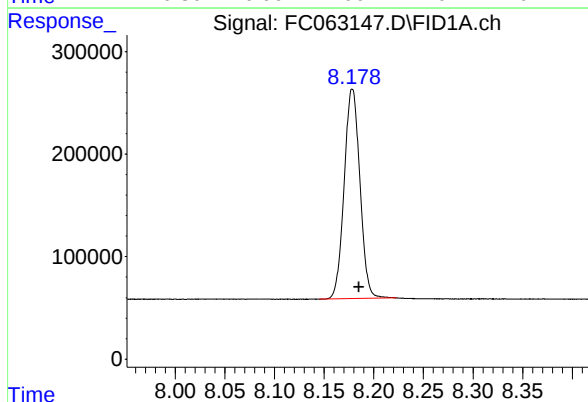
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 2297845
Conc: 19.90 ug/ml



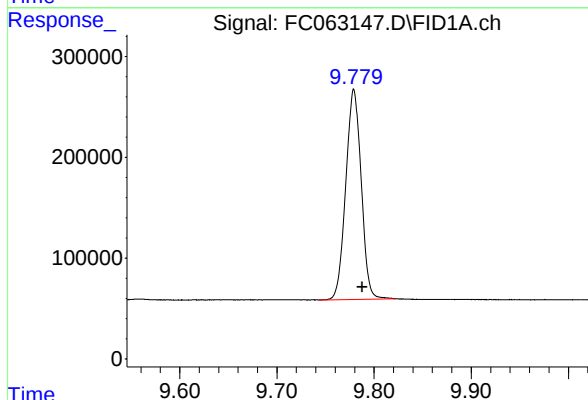
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2348745
Conc: 19.95 ug/ml



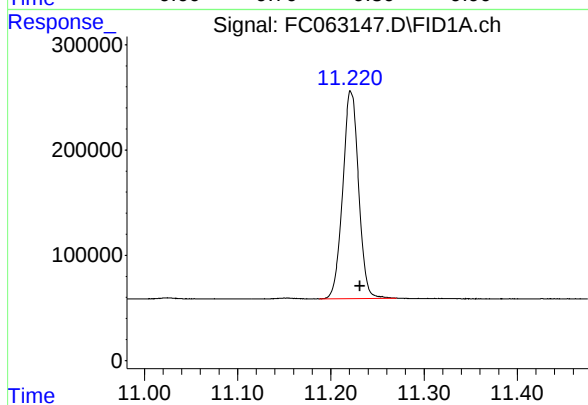
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.007 min
Response: 2259795
Conc: 20.00 ug/ml



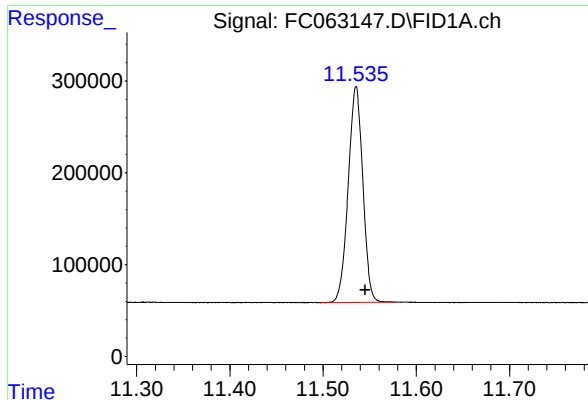
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.008 min
Response: 2291335
Conc: 19.92 ug/ml



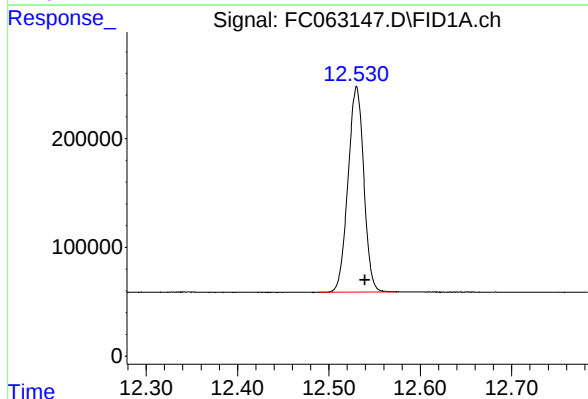
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.010 min
Response: 2328768
Conc: 19.99 ug/ml



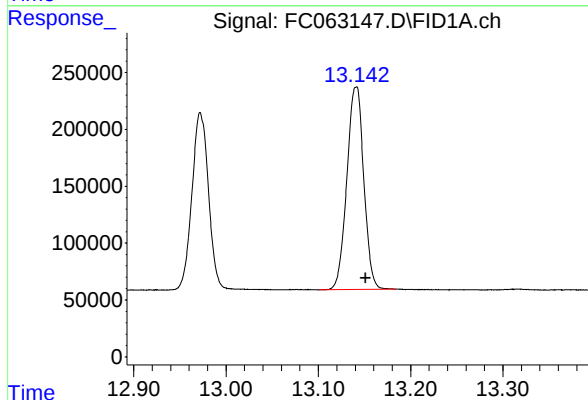
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.010 min
Response: 2560168
Conc: 19.72 ug/ml



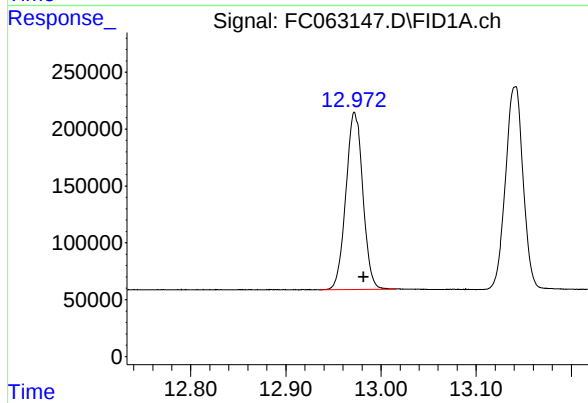
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.009 min
Response: 2269180
Conc: 19.91 ug/ml



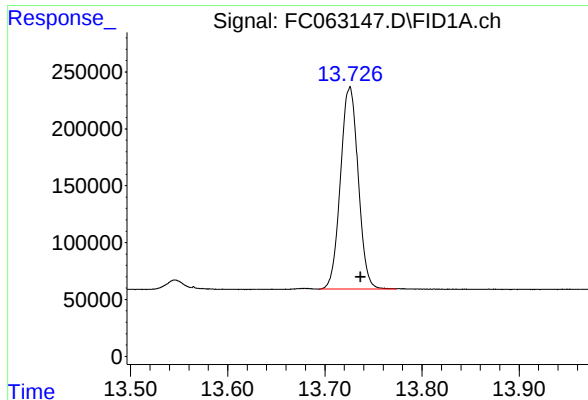
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.010 min
Response: 2270834
Conc: 19.93 ug/ml



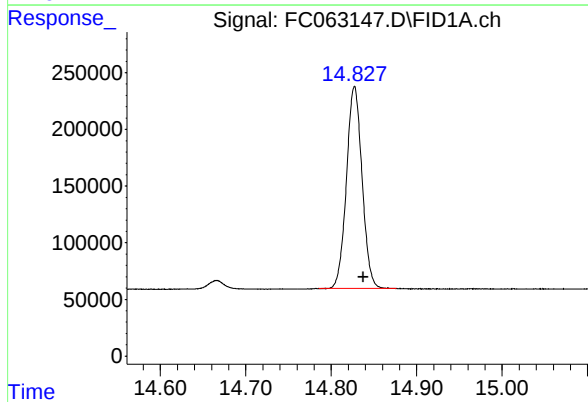
#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.010 min
Response: 1935096
Conc: 19.84 ug/ml



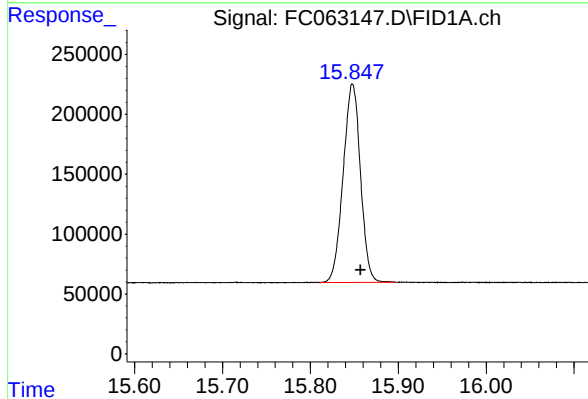
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.011 min
Response: 2253363
Conc: 19.98 ug/ml



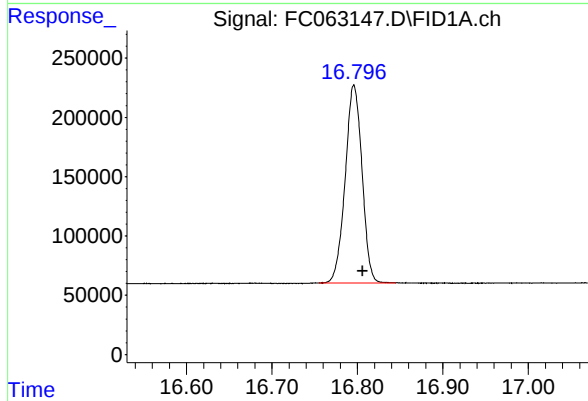
#14 n-Tetracosane (C24)

R.T.: 14.827 min
Delta R.T.: -0.010 min
Response: 2262246
Conc: 20.19 ug/ml



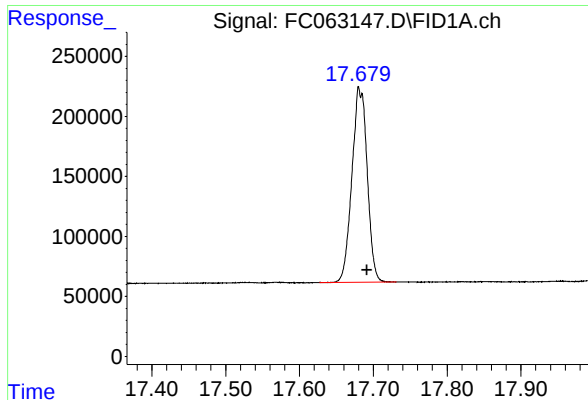
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.009 min
Response: 2263554
Conc: 20.47 ug/ml



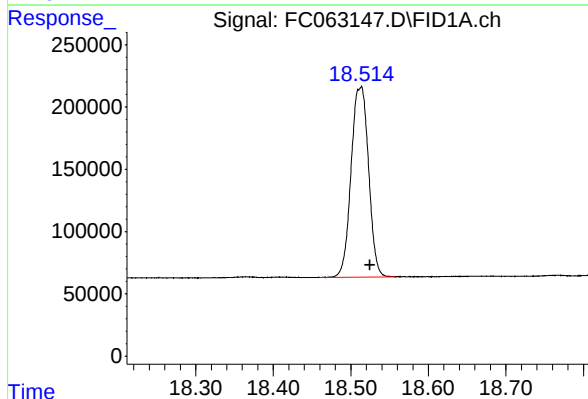
#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: -0.010 min
Response: 2279150
Conc: 20.71 ug/ml



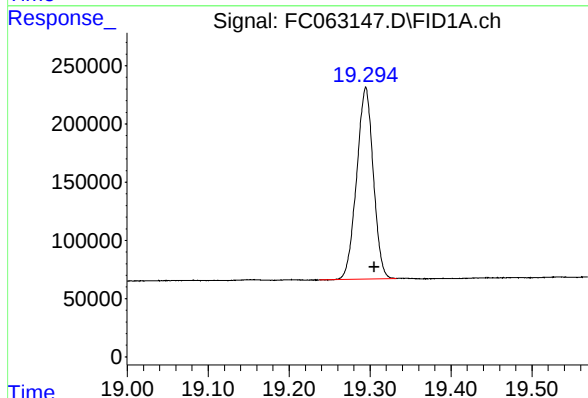
#17 n-Tricontane (C30)

R.T.: 17.681 min
Delta R.T.: -0.011 min
Response: 2337241
Conc: 21.22 ug/ml



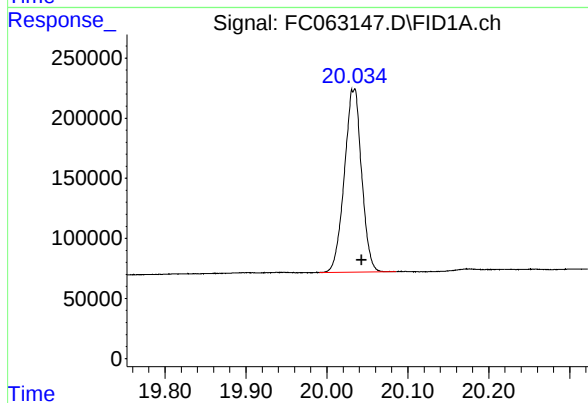
#18 n-Dotriacontane (C32)

R.T.: 18.513 min
Delta R.T.: -0.012 min
Response: 2387015
Conc: 21.39 ug/ml



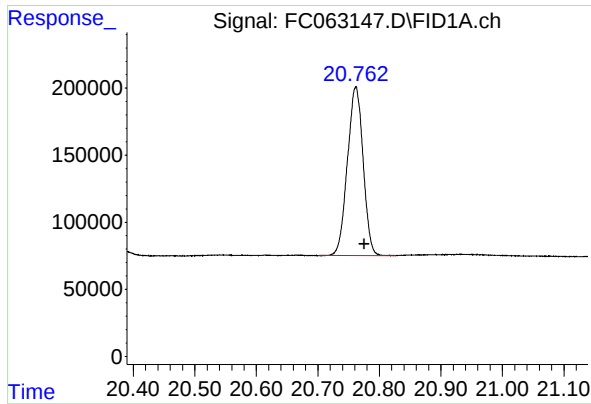
#19 n-Tetatriacontane (C34)

R.T.: 19.295 min
Delta R.T.: -0.011 min
Response: 2347584
Conc: 21.00 ug/ml



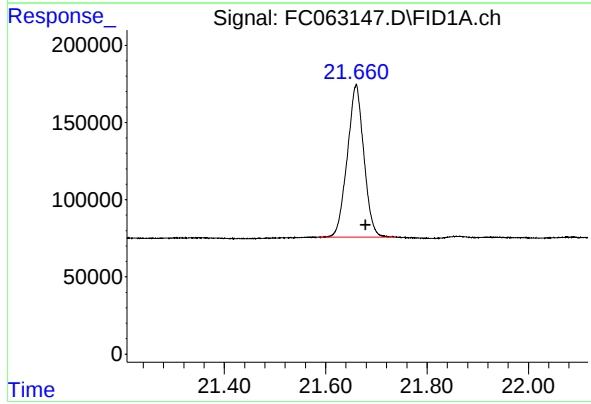
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.010 min
Response: 2255555
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.014 min
Response: 2236392
Conc: 20.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.660 min
Delta R.T.: -0.019 min
Response: 2235382
Conc: 20.55 ug/ml