

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022723AL\
 Data File : FC063029.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 12:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:19:33 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	2544079	19.600 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	12.974	1929947	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
Target Compounds			
1) T n-Nonane (C9)	3.296	2352594	19.843 ug/ml
2) T n-Decane (C10)	4.363	2313578	20.063 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2558988	20.009 ug/ml
4) T n-Dodecane (C12)	6.383	2310212	20.006 ug/ml
5) T A~2-methylnaphthalene...	7.005	2378339	20.206 ug/ml
6) T n-Tetradecane (C14)	8.179	2266308	20.053 ug/ml
7) T n-Hexadecane (C16)	9.780	2293446	19.937 ug/ml
8) T n-Octadecane (C18)	11.222	2308594	19.821 ug/ml
10) T n-Eicosane (C20)	12.530	2247953	19.729 ug/ml
11) T n-Heneicosane (C21)	13.142	2250753	19.750 ug/ml
13) T n-Docosane (C22)	13.728	2225452	19.732 ug/ml
14) T n-Tetracosane (C24)	14.830	2222774	19.835 ug/ml
15) T n-Hexacosane (C26)	15.848	2205131	19.940 ug/ml
16) T n-Octacosane (C28)	16.798	2204531	20.035 ug/ml
17) T n-Tricontane (C30)	17.684	2243431	20.372 ug/ml
18) T n-Dotriacontane (C32)	18.514	2283163	20.457 ug/ml
19) T n-Tetratriacontane (C34)	19.296	2271493	20.324 ug/ml
20) T n-Hexatriacontane (C36)	20.033	2186863	20.145 ug/ml
21) T n-Octatriacontane (C38)	20.764	2169039	19.961 ug/ml
22) T n-Tetracontane (C40)	21.664	2195551	20.181 ug/ml

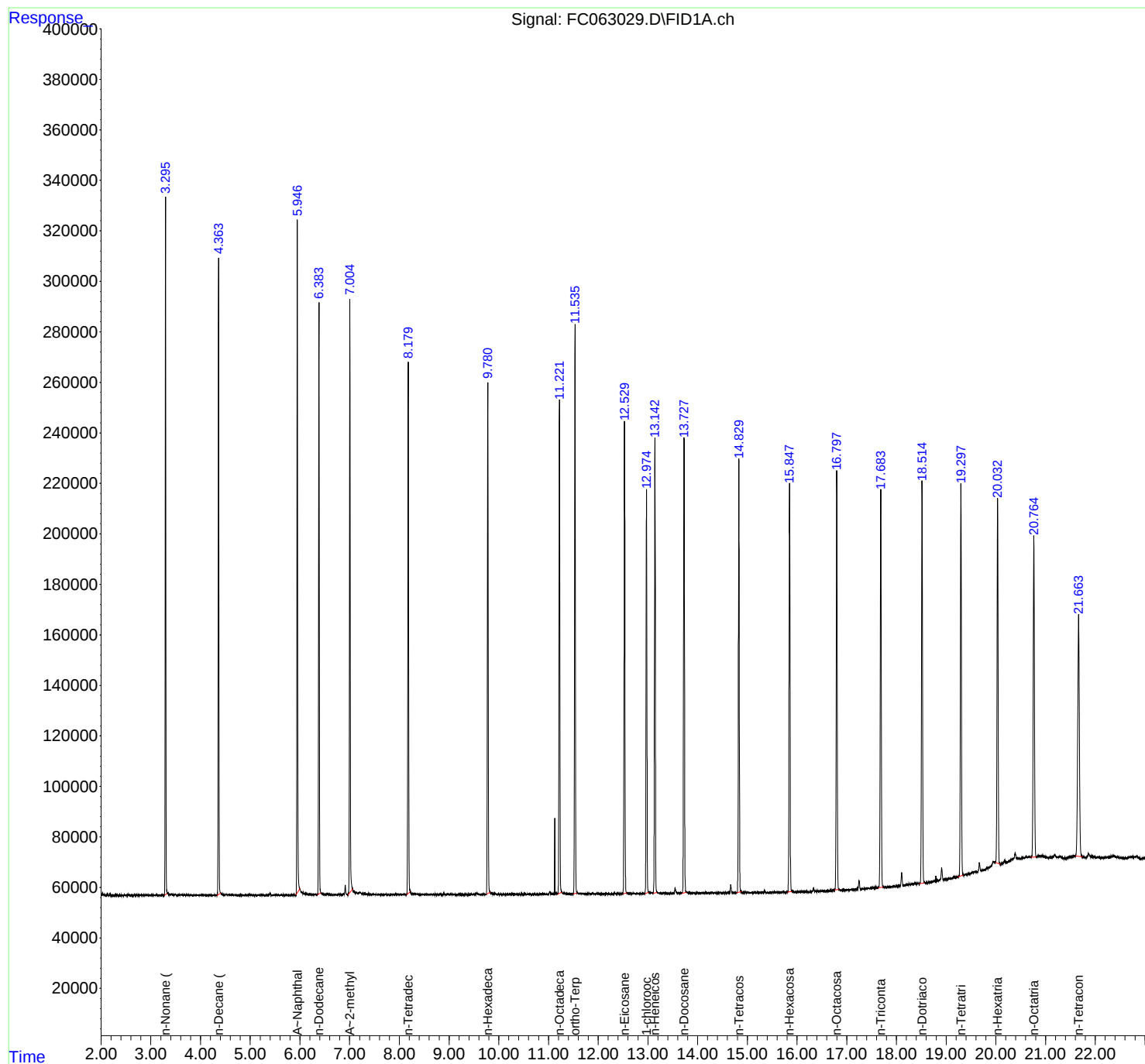
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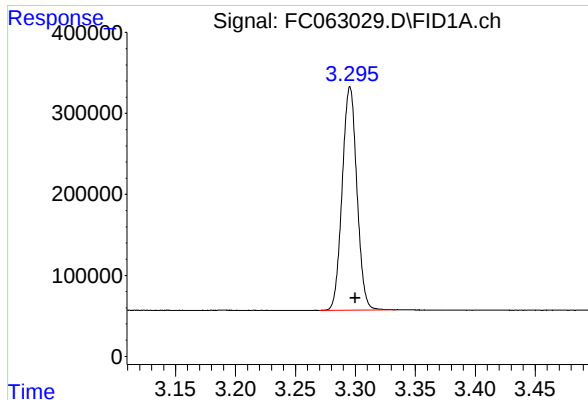
(m)=manual int.

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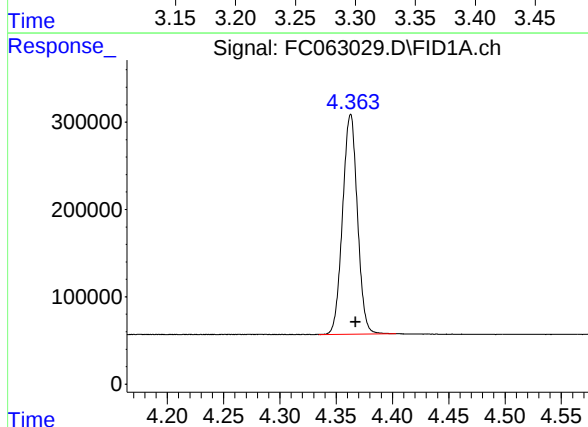
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Signal Info : 20M x 0.18mm x 0.18um





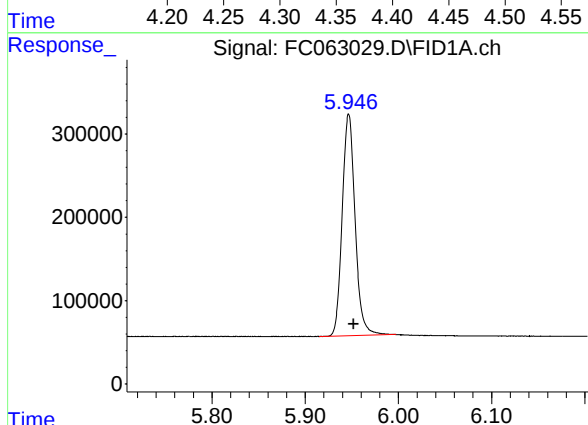
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 2352594
Conc: 19.84 ug/ml



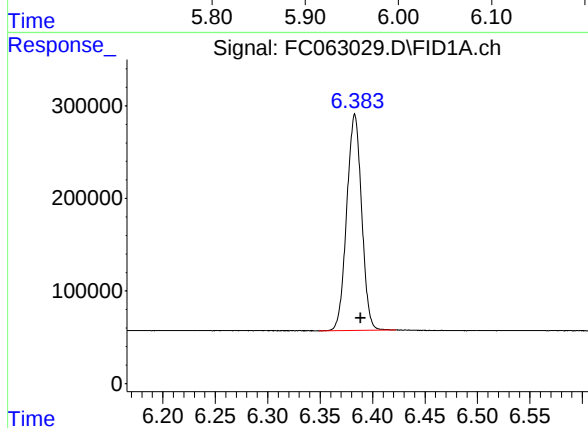
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 2313578
Conc: 20.06 ug/ml



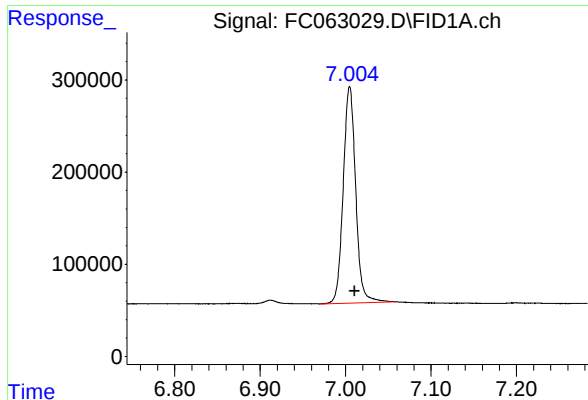
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2558988
Conc: 20.01 ug/ml



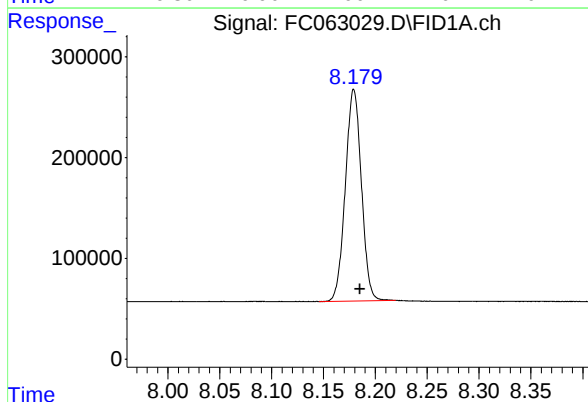
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2310212
Conc: 20.01 ug/ml



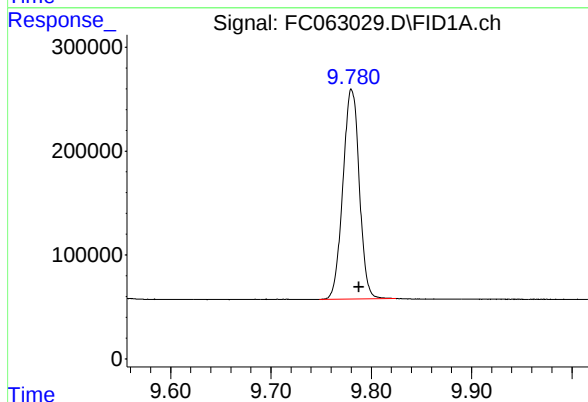
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2378339
Conc: 20.21 ug/ml



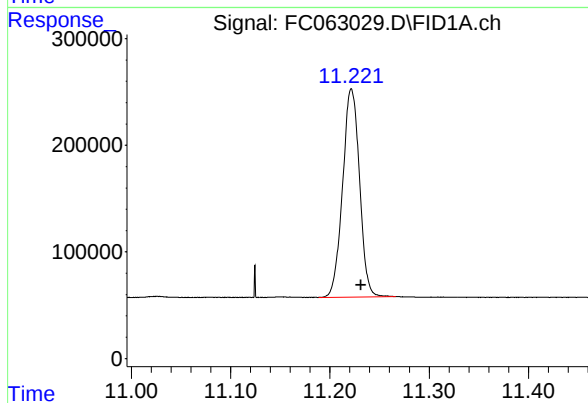
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 2266308
Conc: 20.05 ug/ml



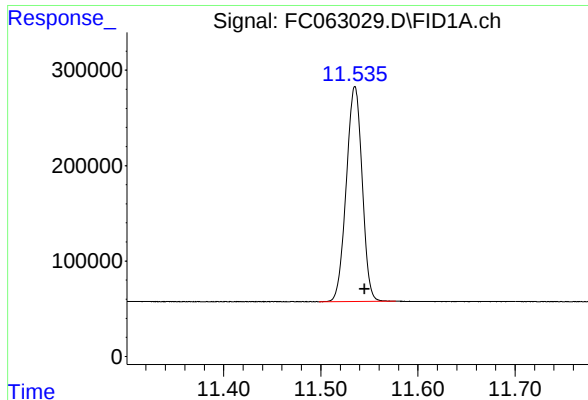
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.007 min
Response: 2293446
Conc: 19.94 ug/ml



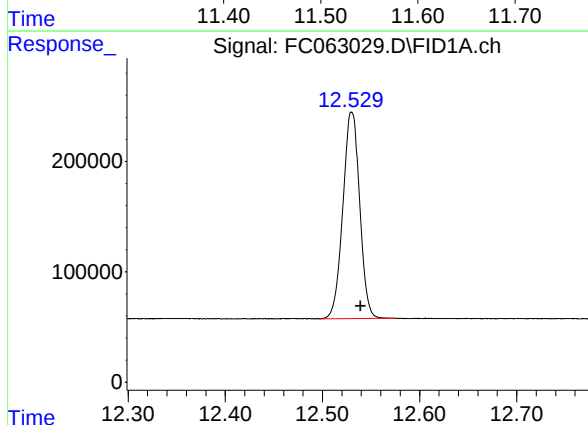
#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.010 min
Response: 2308594
Conc: 19.82 ug/ml



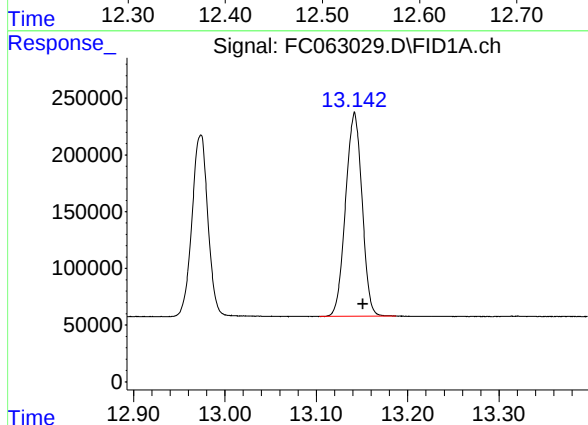
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.010 min
Response: 2544079
Conc: 19.60 ug/ml



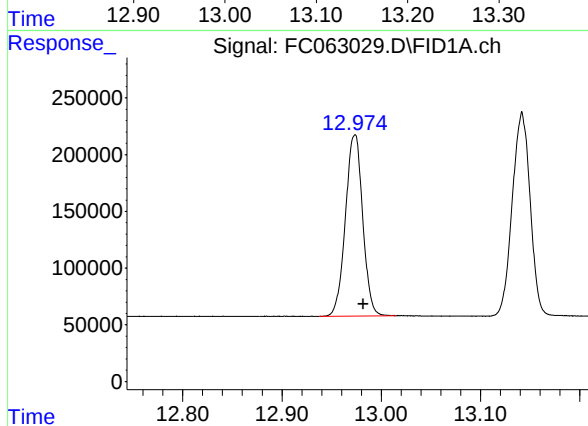
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: -0.009 min
Response: 2247953
Conc: 19.73 ug/ml



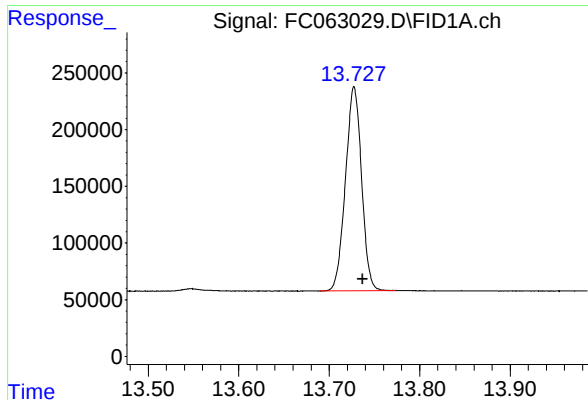
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.009 min
Response: 2250753
Conc: 19.75 ug/ml



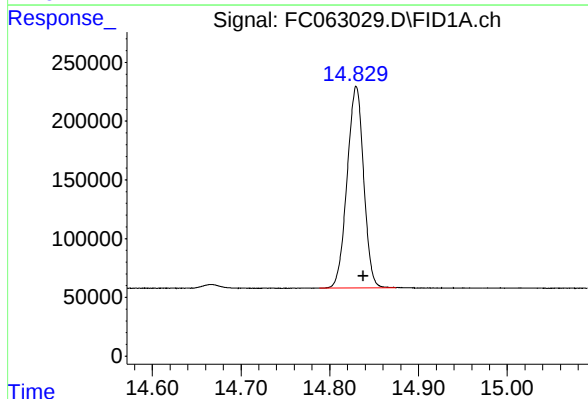
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.008 min
Response: 1929947
Conc: 19.78 ug/ml



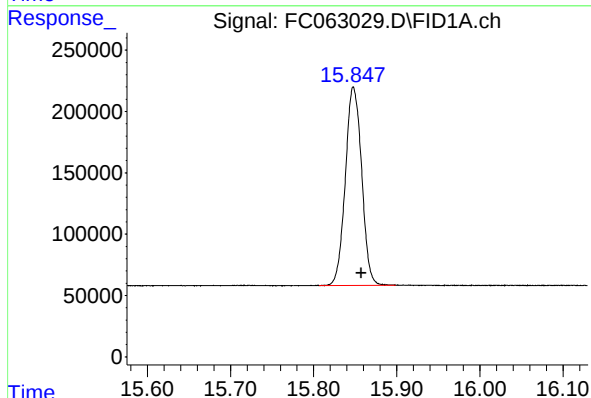
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.009 min
Response: 2225452
Conc: 19.73 ug/ml



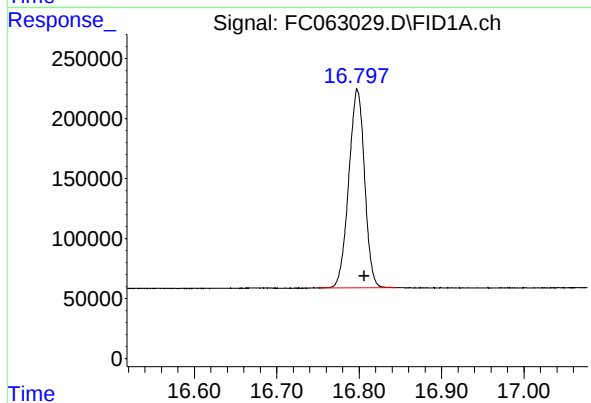
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.008 min
Response: 2222774
Conc: 19.83 ug/ml



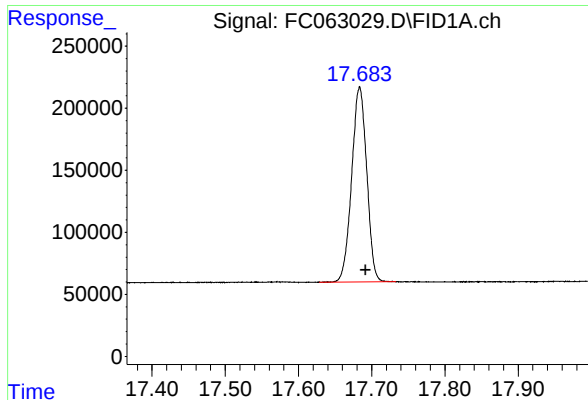
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.009 min
Response: 2205131
Conc: 19.94 ug/ml



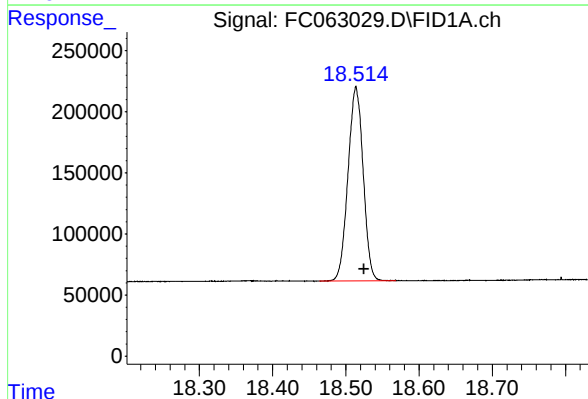
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 2204531
Conc: 20.04 ug/ml



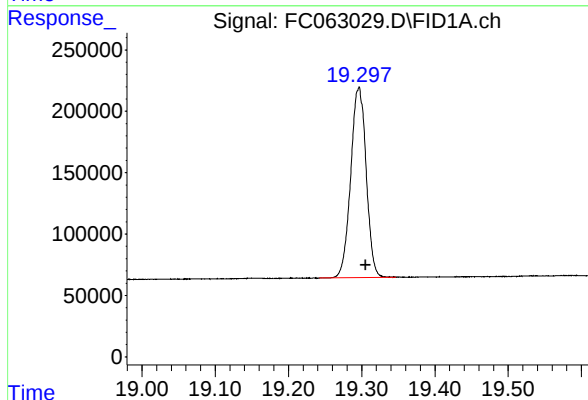
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 2243431
Conc: 20.37 ug/ml



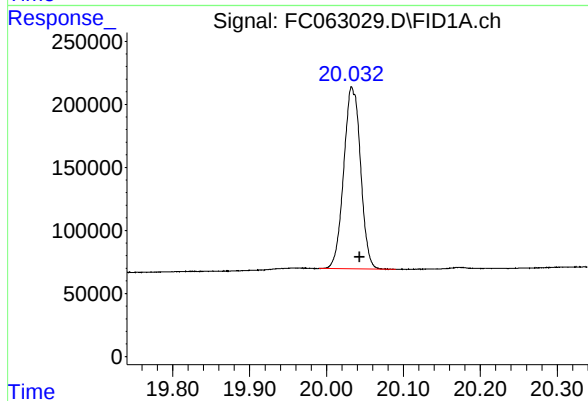
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.011 min
Response: 2283163
Conc: 20.46 ug/ml



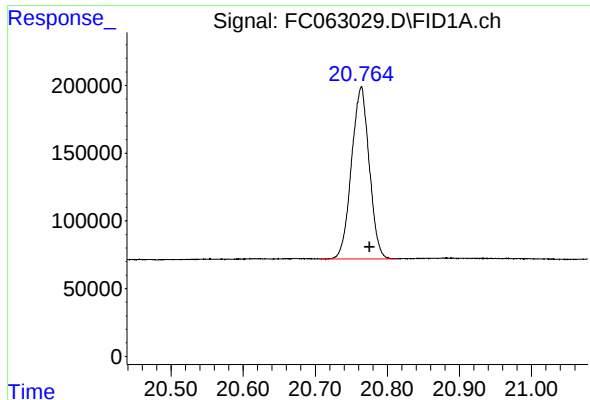
#19 n-Tetatriacontane (C34)

R.T.: 19.296 min
Delta R.T.: -0.009 min
Response: 2271493
Conc: 20.32 ug/ml



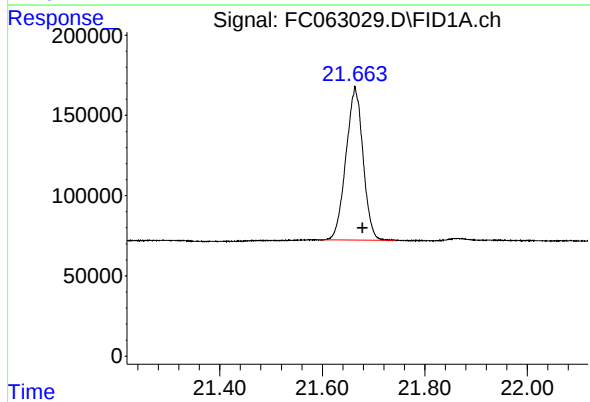
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.010 min
Response: 2186863
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.011 min
Response: 2169039
Conc: 19.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.015 min
Response: 2195551
Conc: 20.18 ug/ml