

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021523AL\
 Data File : FC062934.D
 Signal(s) : FID1A.ch
 Acq On : 15 Feb 2023 21:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 03:31:59 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)	11.536	2344620	18.855 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	12.975	1769879	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.296	2181132	20.182 ug/ml
2) T n-Decane (C10)	4.364	2128623	20.488 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2372577	20.061 ug/ml
4) T n-Dodecane (C12)	6.385	2126998	20.576 ug/ml
5) T A~2-methylnaphthalene...	7.006	2184432	19.965 ug/ml
6) T n-Tetradecane (C14)	8.180	2086522	20.338 ug/ml
7) T n-Hexadecane (C16)	9.781	2107863	19.482 ug/ml
8) T n-Octadecane (C18)	11.223	2126173	19.179 ug/ml
10) T n-Eicosane (C20)	12.532	2062831	18.920 ug/ml
11) T n-Heneicosane (C21)	13.142	2061423	18.939 ug/ml
13) T n-Docosane (C22)	13.730	2035644	18.895 ug/ml
14) T n-Tetracosane (C24)	14.830	2030318	18.958 ug/ml
15) T n-Hexacosane (C26)	15.850	2008001	19.054 ug/ml
16) T n-Octacosane (C28)	16.799	1997138	19.113 ug/ml
17) T n-Tricontane (C30)	17.685	1991063	19.068 ug/ml
18) T n-Dotriacontane (C32)	18.515	2012614	18.633 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2018874	19.207 ug/ml
20) T n-Hexatriacontane (C36)	20.035	1957281	19.436 ug/ml
21) T n-Octatriacontane (C38)	20.763	1973751	19.659 ug/ml
22) T n-Tetracontane (C40)	21.664	1980920	20.552 ug/ml

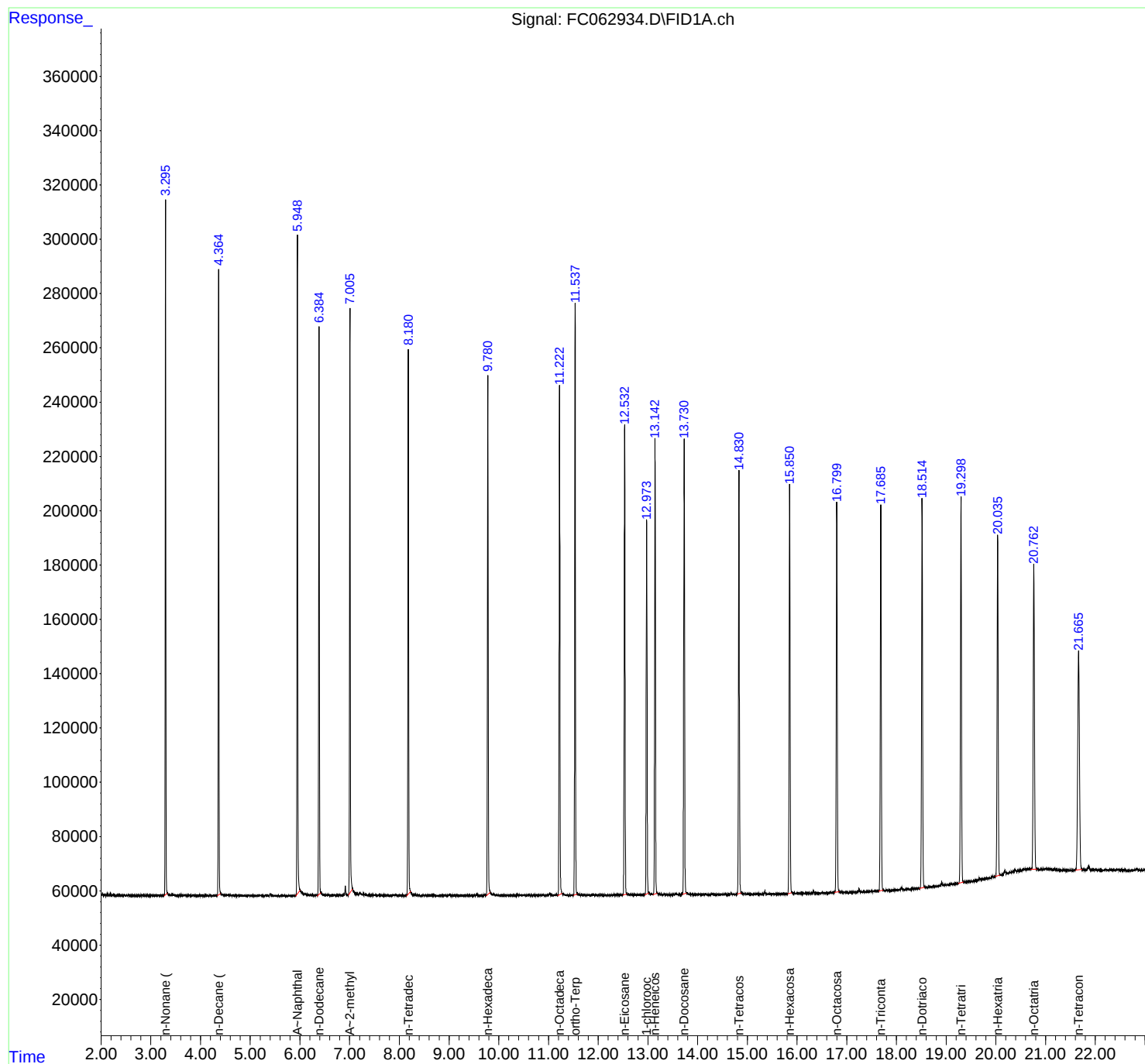
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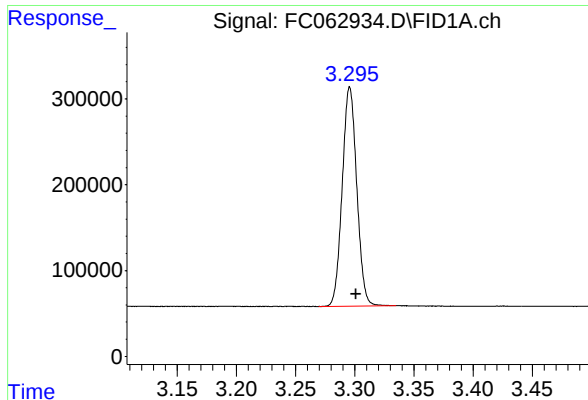
(m)=manual int.

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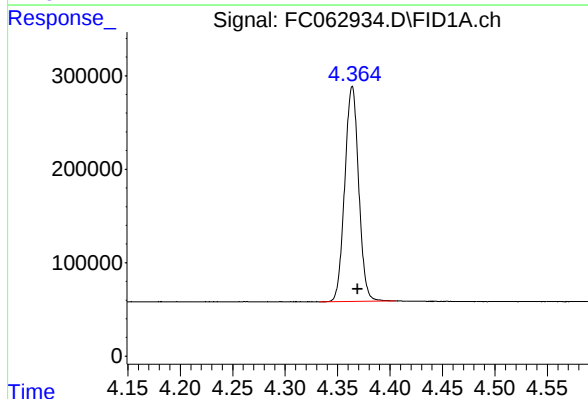
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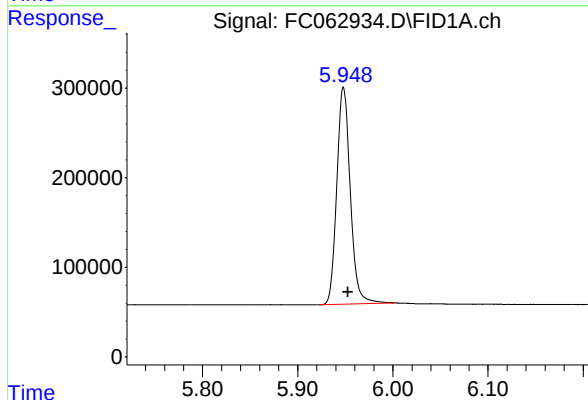
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 2181132
Conc: 20.18 ug/ml



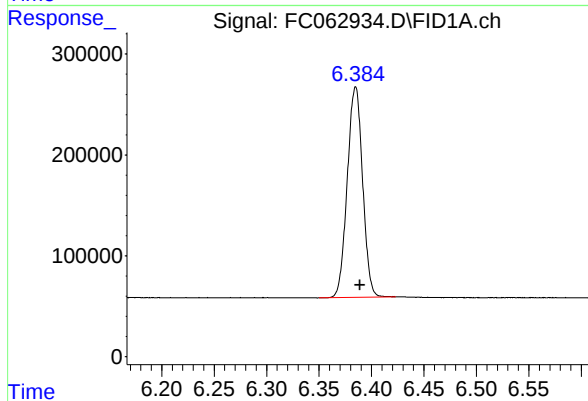
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 2128623
Conc: 20.49 ug/ml



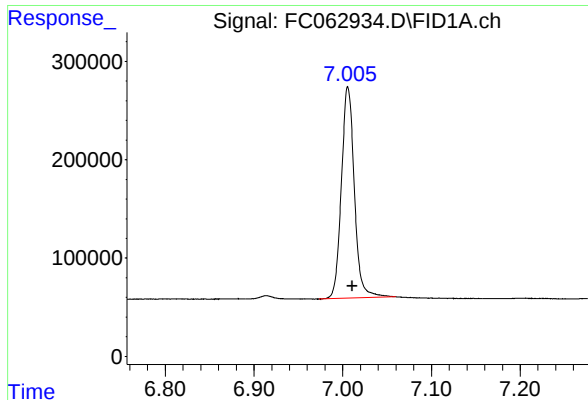
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 2372577
Conc: 20.06 ug/ml



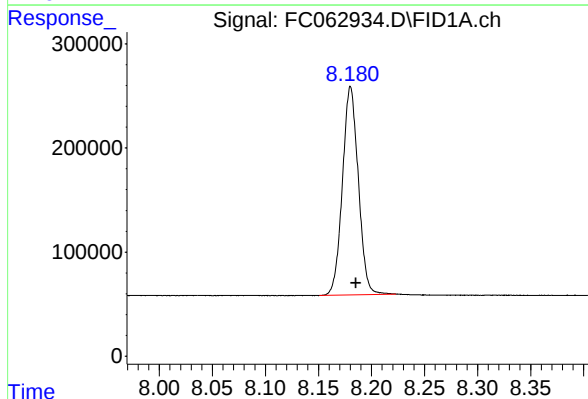
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2126998
Conc: 20.58 ug/ml



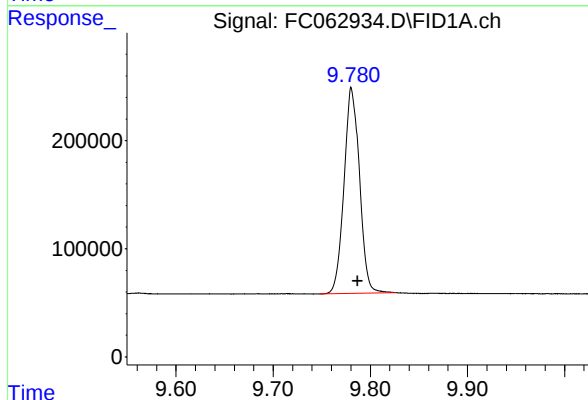
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: -0.005 min
Response: 2184432
Conc: 19.96 ug/ml



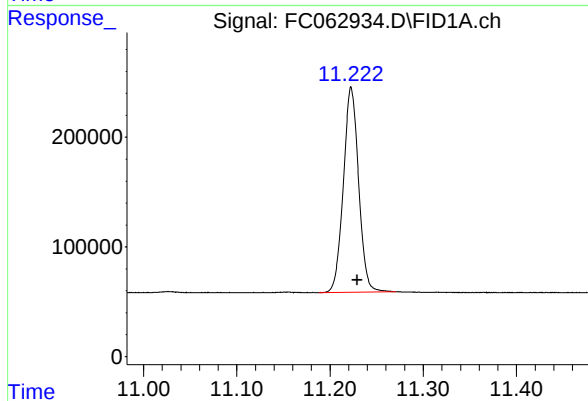
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2086522
Conc: 20.34 ug/ml



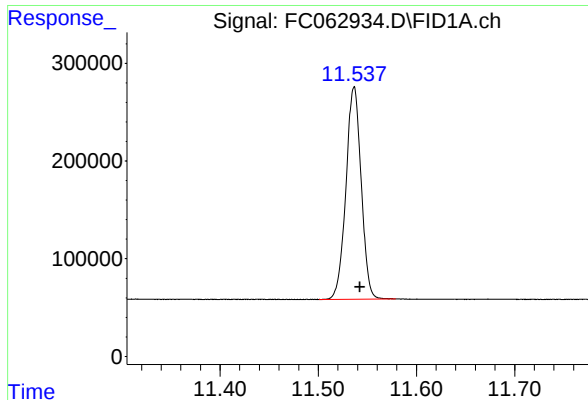
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.006 min
Response: 2107863
Conc: 19.48 ug/ml



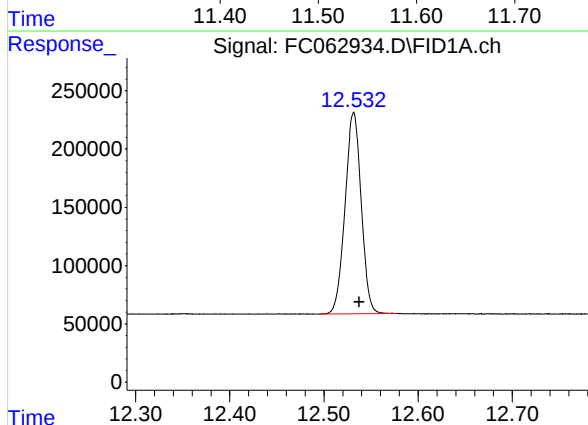
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.007 min
Response: 2126173
Conc: 19.18 ug/ml



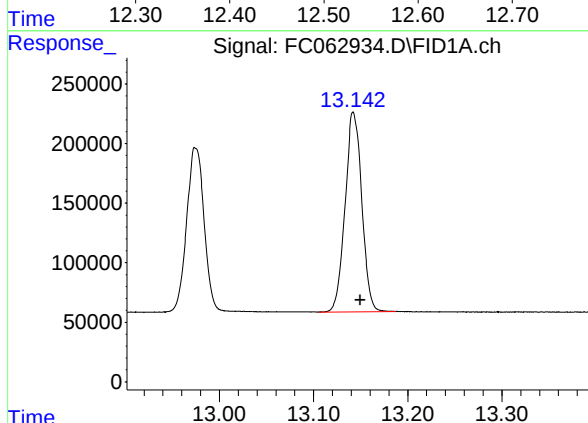
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.006 min
Response: 2344620
Conc: 18.86 ug/ml



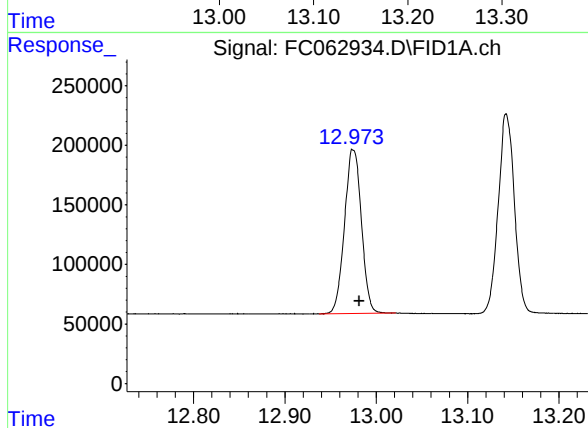
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.006 min
Response: 2062831
Conc: 18.92 ug/ml



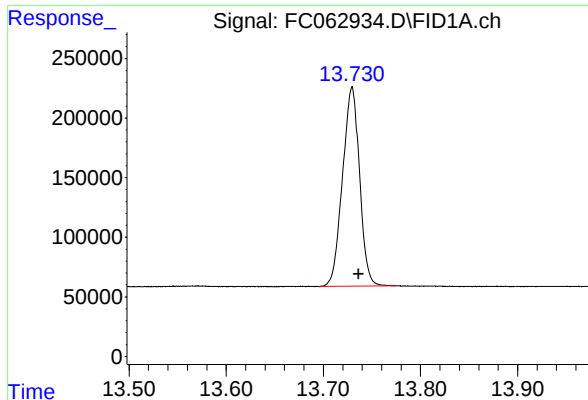
#11 n-Heneicosane (C21)

R.T.: 13.142 min
Delta R.T.: -0.007 min
Response: 2061423
Conc: 18.94 ug/ml



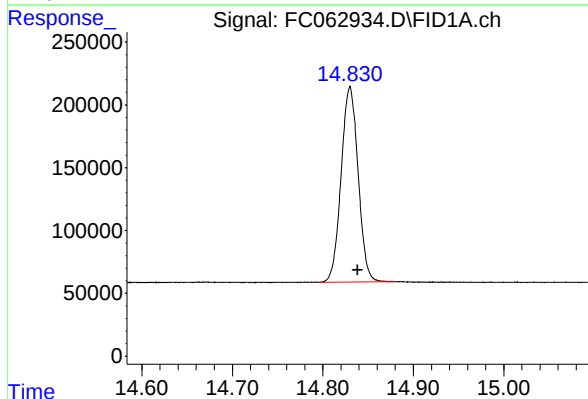
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 1769879
Conc: 18.76 ug/ml



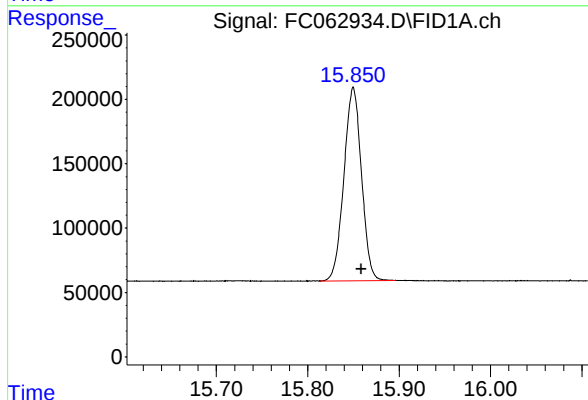
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.007 min
Response: 2035644
Conc: 18.90 ug/ml



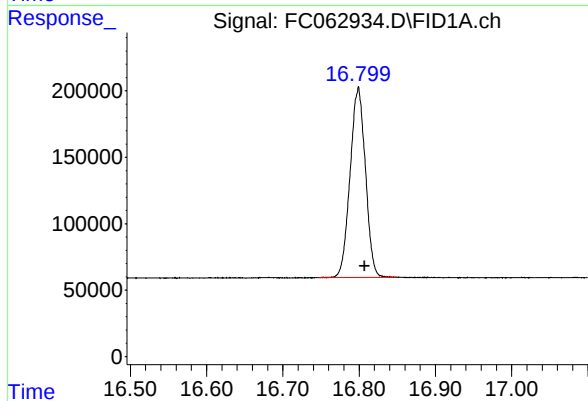
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.009 min
Response: 2030318
Conc: 18.96 ug/ml



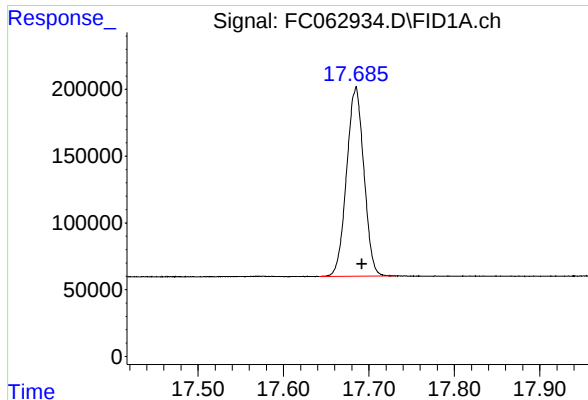
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.009 min
Response: 2008001
Conc: 19.05 ug/ml



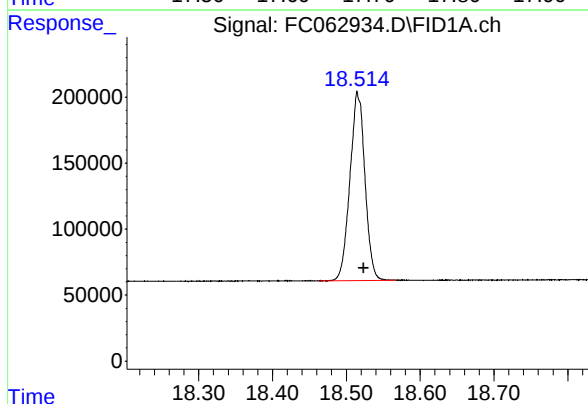
#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.008 min
Response: 1997138
Conc: 19.11 ug/ml



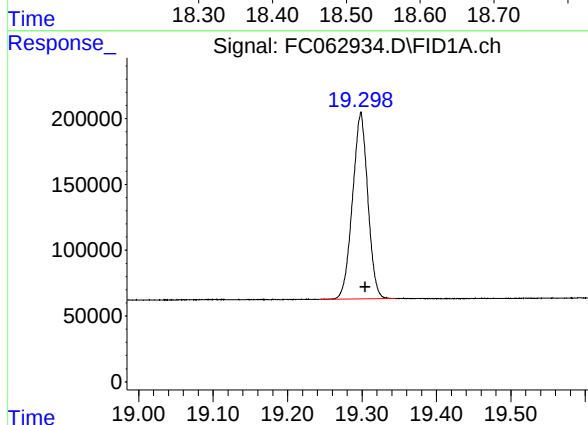
#17 n-Tricontane (C30)

R.T.: 17.685 min
Delta R.T.: -0.007 min
Response: 1991063
Conc: 19.07 ug/ml



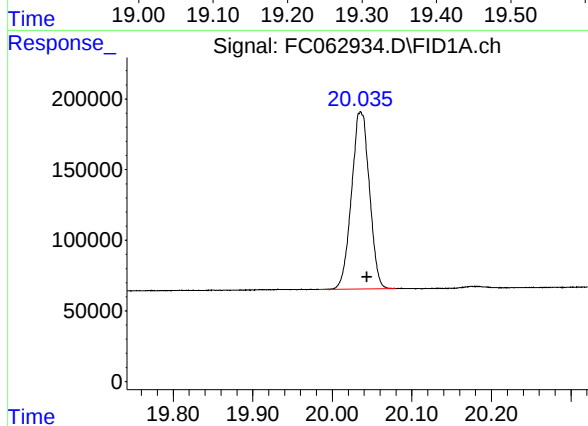
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.008 min
Response: 2012614
Conc: 18.63 ug/ml



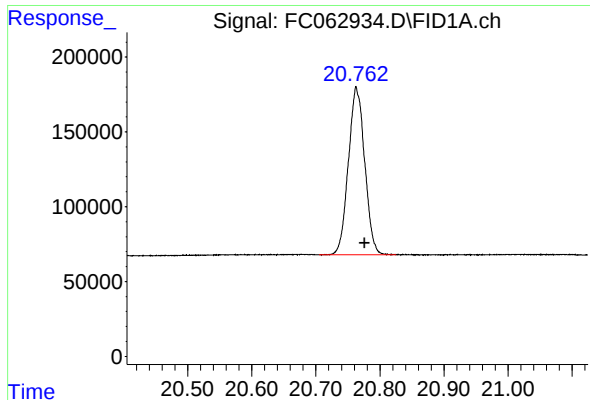
#19 n-Tetratriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.006 min
Response: 2018874
Conc: 19.21 ug/ml



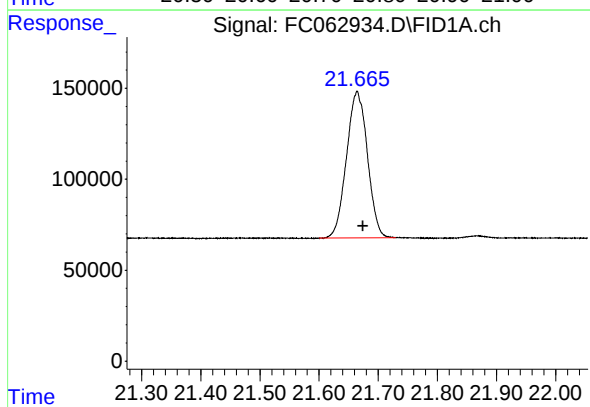
#20 n-Hexatriacontane (C36)

R.T.: 20.035 min
Delta R.T.: -0.008 min
Response: 1957281
Conc: 19.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.763 min
Delta R.T.: -0.013 min
Response: 1973751
Conc: 19.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.010 min
Response: 1980920
Conc: 20.55 ug/ml