

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041719AL\
 Data File : FC040689.D
 Signal(s) : FID1A.CH
 Acq On : 17 Apr 2019 21:36
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 05:31:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.022	2625676	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	12.451	1996946	20.216 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	2.862	1571202	19.037 ug/ml
2) T n-Decane (C10)	3.883	1670379	19.736 ug/ml
3) T A-Naphthalene (C11.7)	5.455	2134647	21.878 ug/ml
4) T n-Dodecane (C12)	5.875	1796194	20.795 ug/ml
5) T A~2-methylnaphthalene...	6.504	2197007	22.111 ug/ml
6) T n-Tetradecane (C14)	7.664	1926754	21.140 ug/ml
7) T n-Hexadecane (C16)	9.261	1992017	20.725 ug/ml
8) T n-Octadecane (C18)	10.699	2012276	20.060 ug/ml
10) T n-Eicosane (C20)	12.006	2030639	19.953 ug/ml
11) T n-Heneicosane (C21)	12.617	2013943	19.971 ug/ml
13) T n-Docosane (C22)	13.202	2040235	20.297 ug/ml
14) T n-Tetracosane (C24)	14.303	2081706	20.908 ug/ml
15) T n-Hexacosane (C26)	15.322	2137417	21.832 ug/ml
16) T n-Octacosane (C28)	16.269	2213563	22.565 ug/ml
17) T n-Tricontane (C30)	17.157	2209750	22.583 ug/ml
18) T n-Dotriacontane (C32)	17.987	2123085	21.937 ug/ml
19) T n-Tetratriacontane (C34)	18.802	1816645	21.671 ug/ml
20) T n-Hexatriacontane (C36)	19.826	1579873	21.457 ug/ml
21) T n-Octatriacontane (C38)	21.205	1465613	21.210 ug/ml
22) T n-Tetracontane (C40)	23.124	1413016	20.845 ug/ml

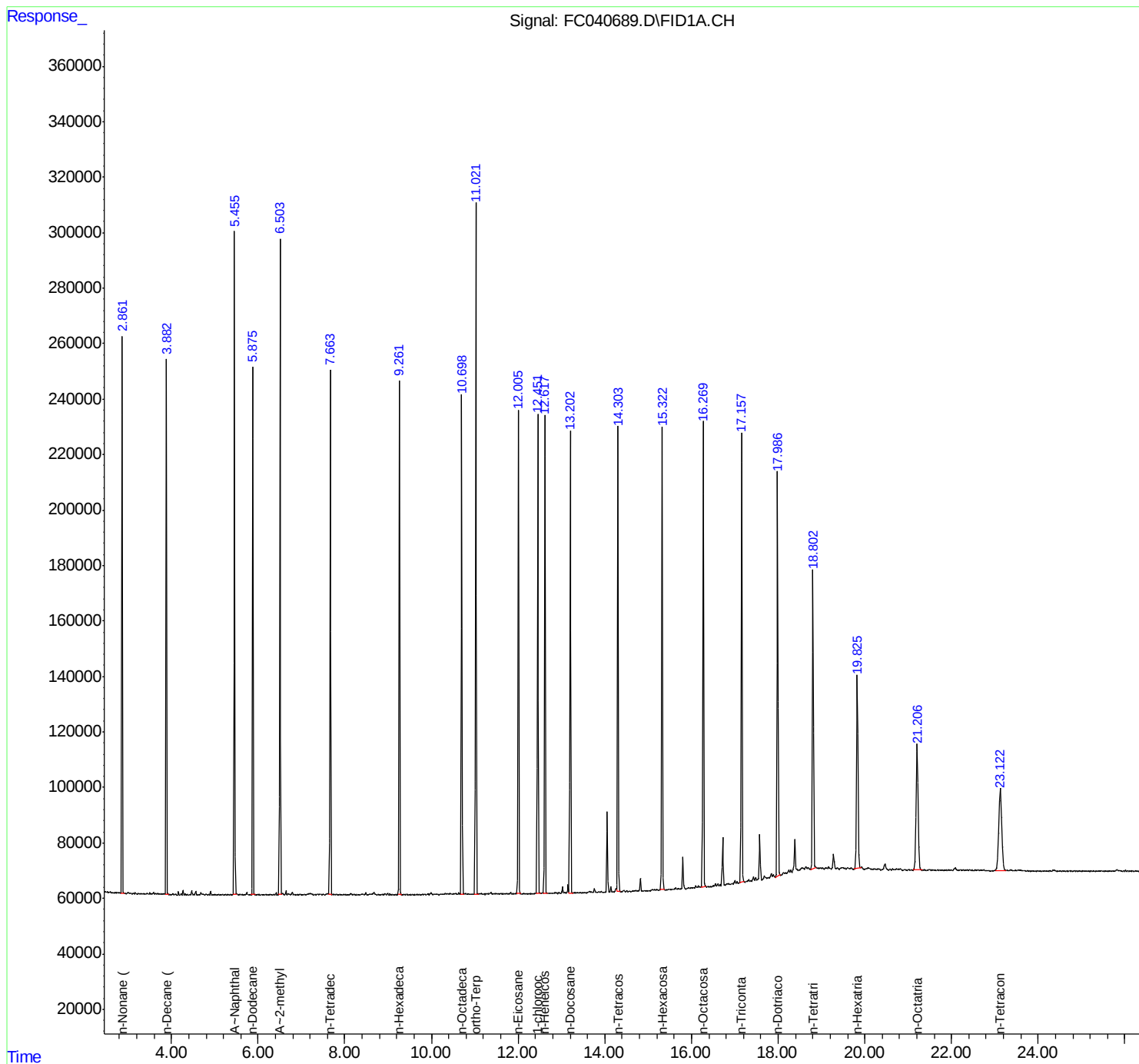
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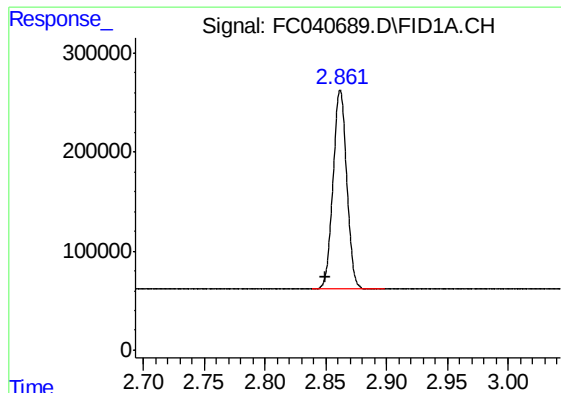
(m)=manual int.

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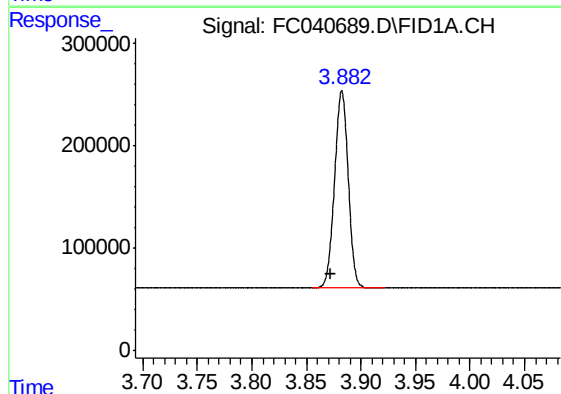
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Signal Info : 20M x 0.18mm x 0.18um





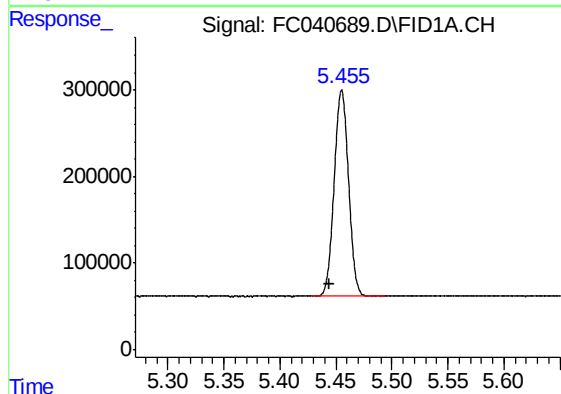
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: 0.012 min
Response: 1571202
Conc: 19.04 ug/ml



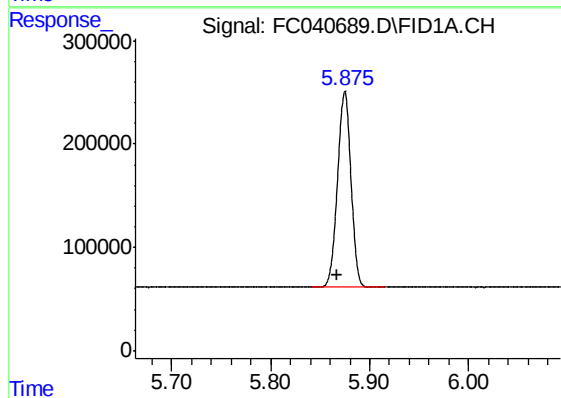
#2 n-Decane (C10)

R.T.: 3.883 min
Delta R.T.: 0.011 min
Response: 1670379
Conc: 19.74 ug/ml



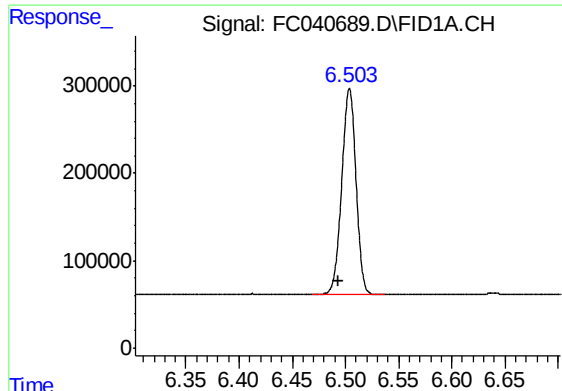
#3 A~Naphthalene (C11.7)

R.T.: 5.455 min
Delta R.T.: 0.011 min
Response: 2134647
Conc: 21.88 ug/ml



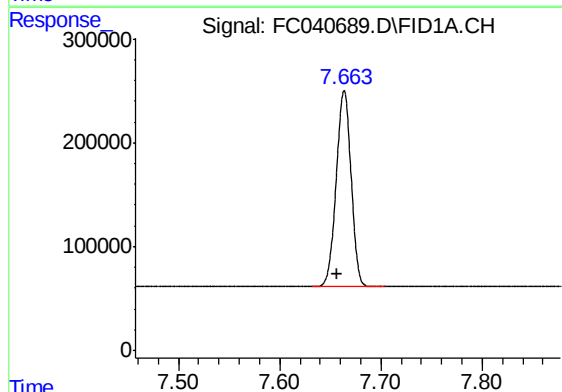
#4 n-Dodecane (C12)

R.T.: 5.875 min
Delta R.T.: 0.008 min
Response: 1796194
Conc: 20.79 ug/ml



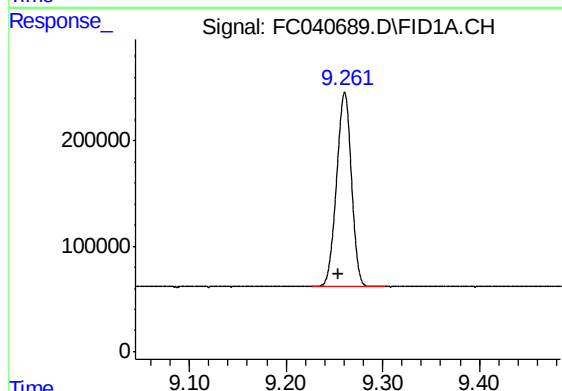
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.504 min
Delta R.T.: 0.011 min
Response: 2197007
Conc: 22.11 ug/ml



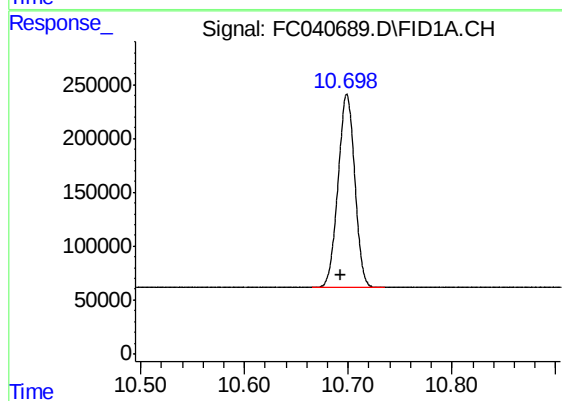
#6 n-Tetradecane (C14)

R.T.: 7.664 min
Delta R.T.: 0.008 min
Response: 1926754
Conc: 21.14 ug/ml



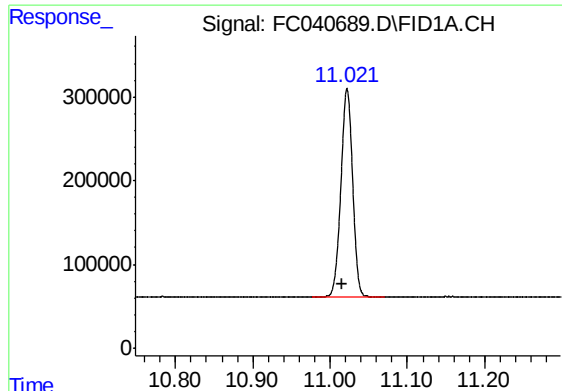
#7 n-Hexadecane (C16)

R.T.: 9.261 min
Delta R.T.: 0.007 min
Response: 1992017
Conc: 20.73 ug/ml



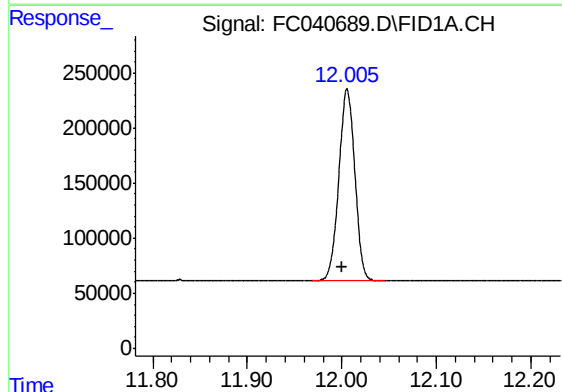
#8 n-Octadecane (C18)

R.T.: 10.699 min
Delta R.T.: 0.006 min
Response: 2012276
Conc: 20.06 ug/ml



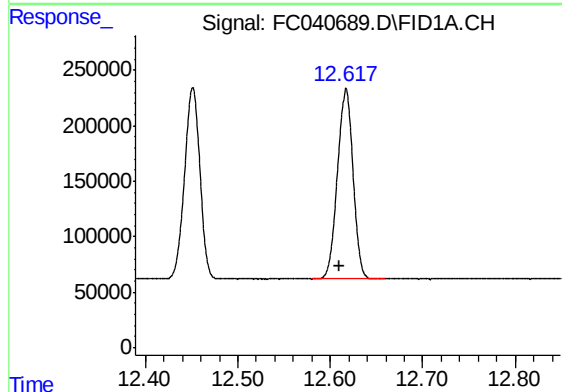
#9 ortho-Terphenyl (SURR)

R.T.: 11.022 min
Delta R.T.: 0.007 min
Response: 2625676
Conc: 20.39 ug/ml



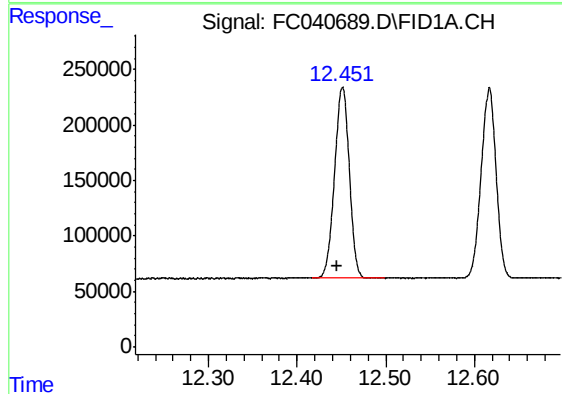
#10 n-Eicosane (C20)

R.T.: 12.006 min
Delta R.T.: 0.006 min
Response: 2030639
Conc: 19.95 ug/ml



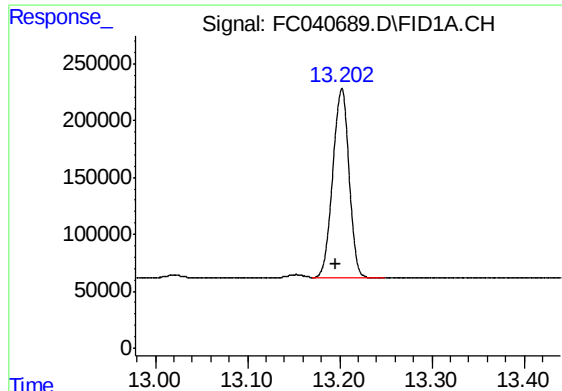
#11 n-Heneicosane (C21)

R.T.: 12.617 min
Delta R.T.: 0.007 min
Response: 2013943
Conc: 19.97 ug/ml



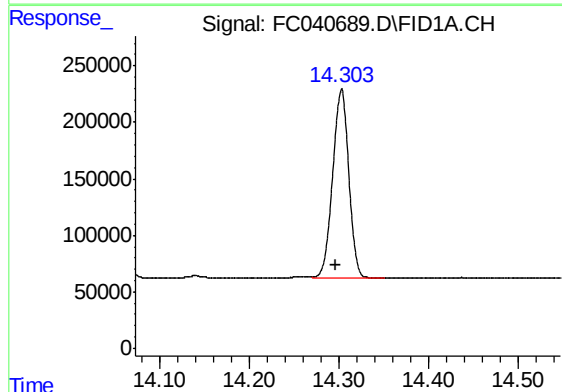
#12 1-chlorooctadecane (SURR)

R.T.: 12.451 min
Delta R.T.: 0.007 min
Response: 1996946
Conc: 20.22 ug/ml



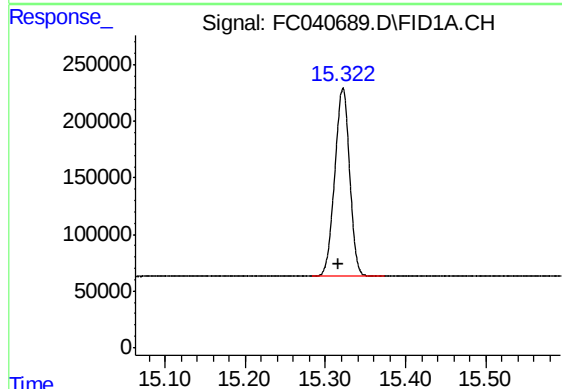
#13 n-Docosane (C22)

R.T.: 13.202 min
Delta R.T.: 0.007 min
Response: 2040235
Conc: 20.30 ug/ml



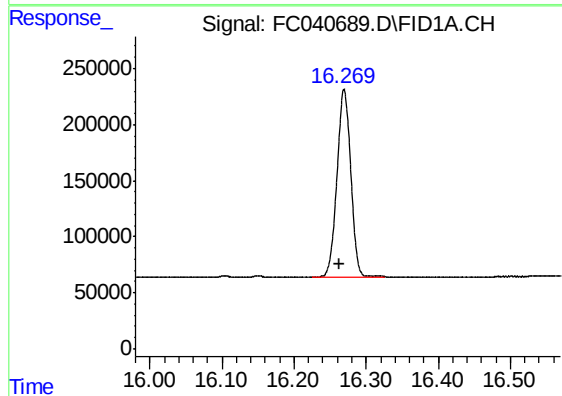
#14 n-Tetracosane (C24)

R.T.: 14.303 min
Delta R.T.: 0.006 min
Response: 2081706
Conc: 20.91 ug/ml



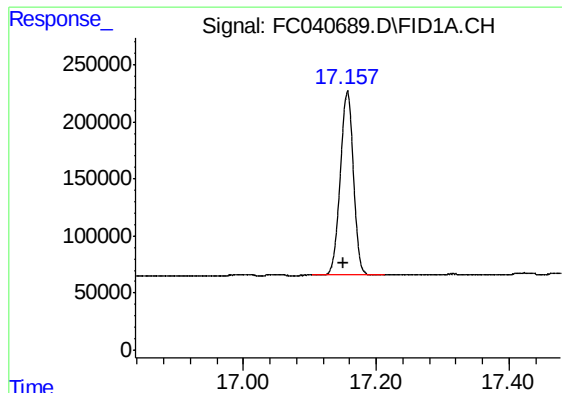
#15 n-Hexacosane (C26)

R.T.: 15.322 min
Delta R.T.: 0.006 min
Response: 2137417
Conc: 21.83 ug/ml



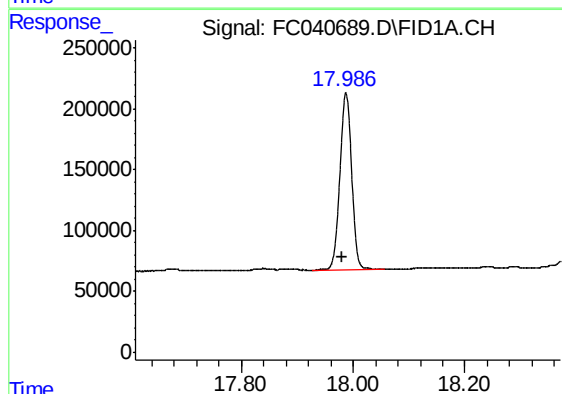
#16 n-Octacosane (C28)

R.T.: 16.269 min
Delta R.T.: 0.005 min
Response: 2213563
Conc: 22.56 ug/ml



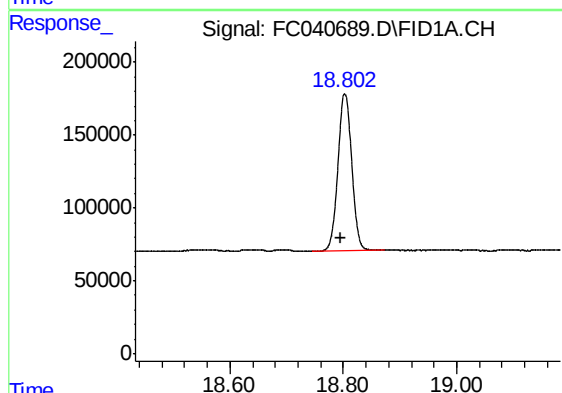
#17 n-Tricontane (C30)

R.T.: 17.157 min
Delta R.T.: 0.007 min
Response: 2209750
Conc: 22.58 ug/ml



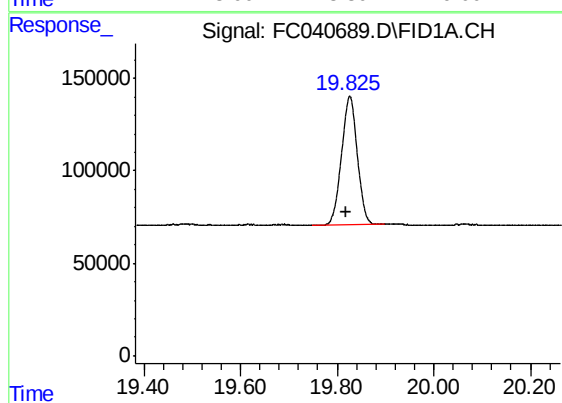
#18 n-Dotriacontane (C32)

R.T.: 17.987 min
Delta R.T.: 0.007 min
Response: 2123085
Conc: 21.94 ug/ml



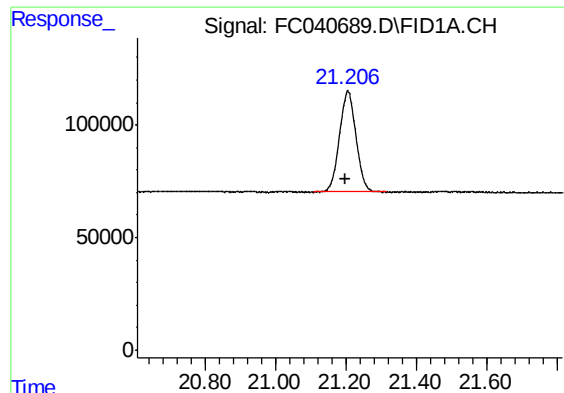
#19 n-Tetatriacontane (C34)

R.T.: 18.802 min
Delta R.T.: 0.006 min
Response: 1816645
Conc: 21.67 ug/ml



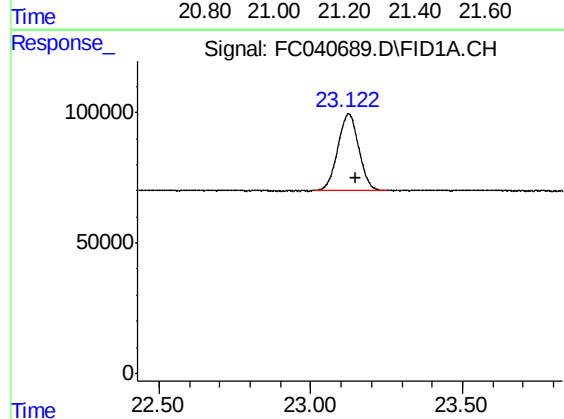
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min
Delta R.T.: 0.008 min
Response: 1579873
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: 0.005 min
Response: 1465613
Conc: 21.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.124 min
Delta R.T.: -0.026 min
Response: 1413016
Conc: 20.85 ug/ml