

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040419AL\
 Data File : FC040312.D
 Signal(s) : FID1A.CH
 Acq On : 04 Apr 2019 9:55
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 04 14:44:48 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)	11.029	2579895	20.034 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
12) S 1-chlorooctadecane (S...	12.458	1972373	19.967 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	2.859	1681826	20.378 ug/ml
2) T n-Decane (C10)	3.881	1772630	20.944 ug/ml
3) T A~Naphthalene (C11.7)	5.456	2127982	21.810 ug/ml
4) T n-Dodecane (C12)	5.876	1868047	21.627 ug/ml
5) T A~2-methylnaphthalene...	6.506	2182641	21.966 ug/ml
6) T n-Tetradecane (C14)	7.667	1965184	21.562 ug/ml
7) T n-Hexadecane (C16)	9.266	2001883	20.828 ug/ml
8) T n-Octadecane (C18)	10.706	1997964	19.918 ug/ml
10) T n-Eicosane (C20)	12.013	1997578	19.628 ug/ml
11) T n-Heneicosane (C21)	12.625	1981889	19.653 ug/ml
13) T n-Docosane (C22)	13.210	1997242	19.869 ug/ml
14) T n-Tetracosane (C24)	14.313	1991216	19.999 ug/ml
15) T n-Hexacosane (C26)	15.332	2014139	20.573 ug/ml
16) T n-Octacosane (C28)	16.282	2046477	20.861 ug/ml
17) T n-Tricontane (C30)	17.168	2042196	20.871 ug/ml
18) T n-Dotriacontane (C32)	18.002	1978731	20.446 ug/ml
19) T n-Tetratriacontane (C34)	18.820	1743417	20.797 ug/ml
20) T n-Hexatriacontane (C36)	19.851	1536532	20.869 ug/ml
21) T n-Octatriacontane (C38)	21.240	1434342	20.758 ug/ml
22) T n-Tetracontane (C40)	23.167	1396273	20.598 ug/ml

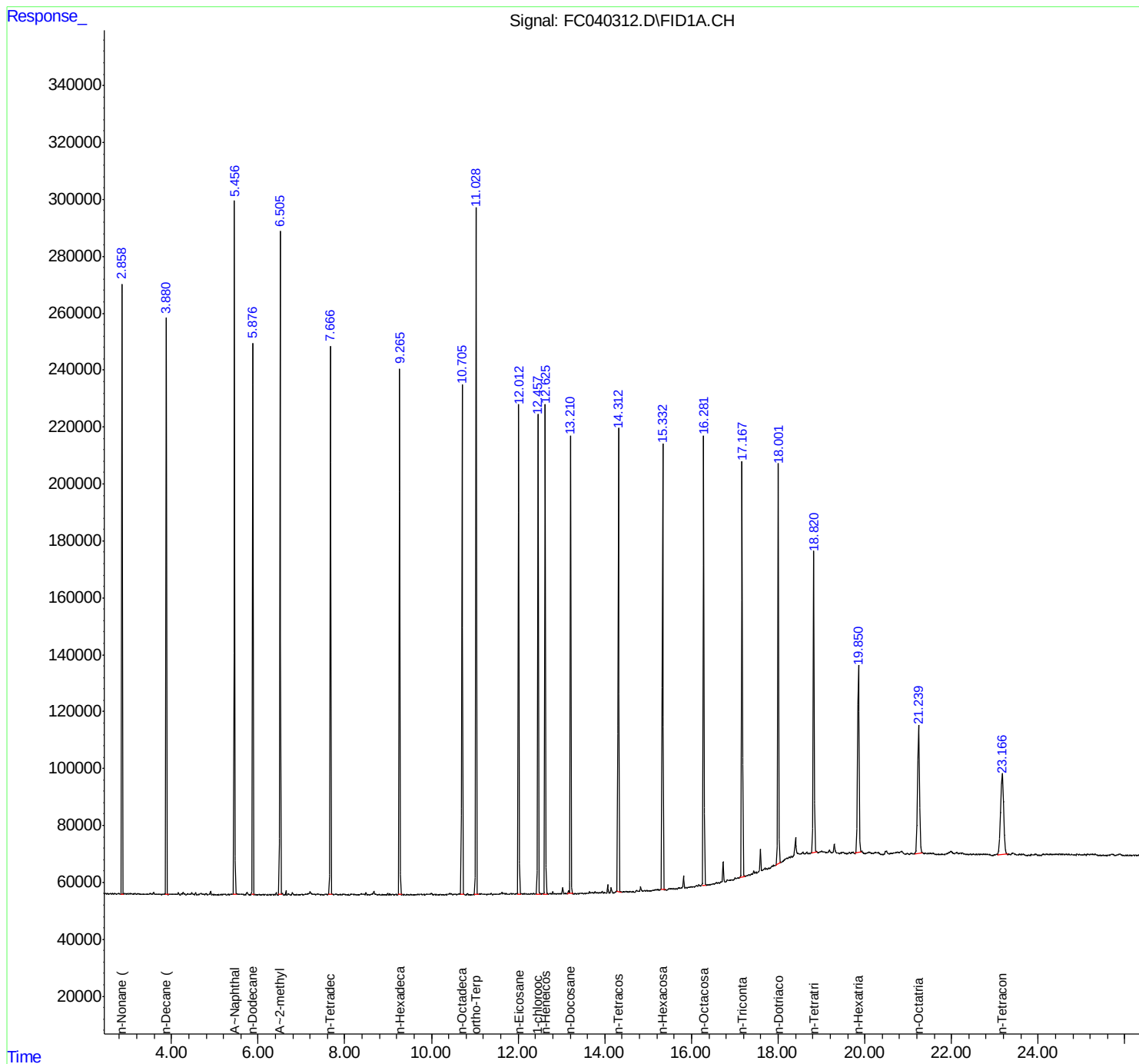
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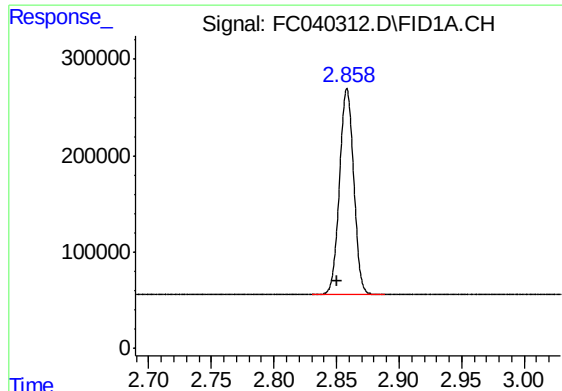
(m)=manual int.

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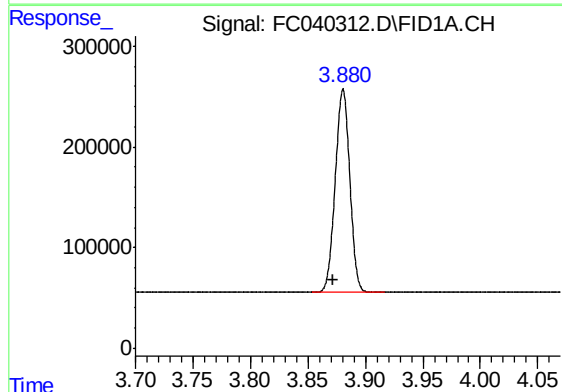
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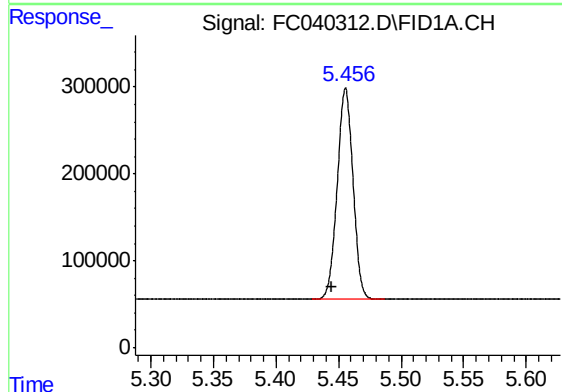
#1 n-Nonane (C9)

R.T.: 2.859 min
Delta R.T.: 0.009 min
Response: 1681826
Conc: 20.38 ug/ml



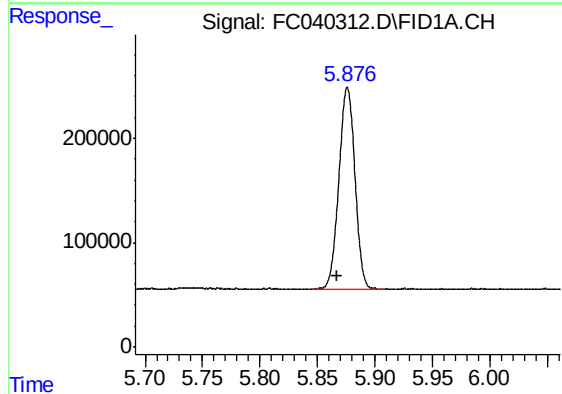
#2 n-Decane (C10)

R.T.: 3.881 min
Delta R.T.: 0.009 min
Response: 1772630
Conc: 20.94 ug/ml



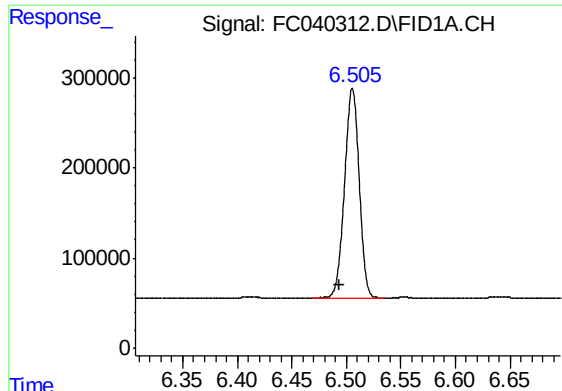
#3 A~Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: 0.011 min
Response: 2127982
Conc: 21.81 ug/ml



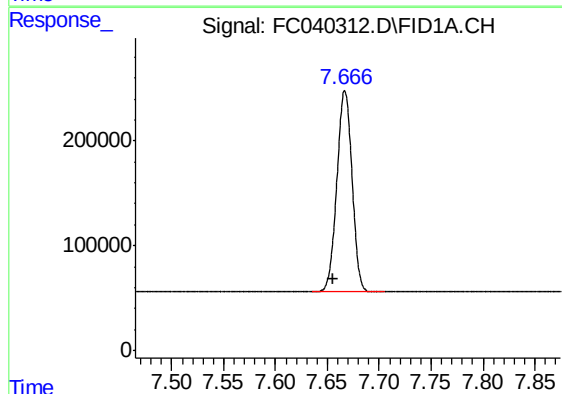
#4 n-Dodecane (C12)

R.T.: 5.876 min
Delta R.T.: 0.010 min
Response: 1868047
Conc: 21.63 ug/ml



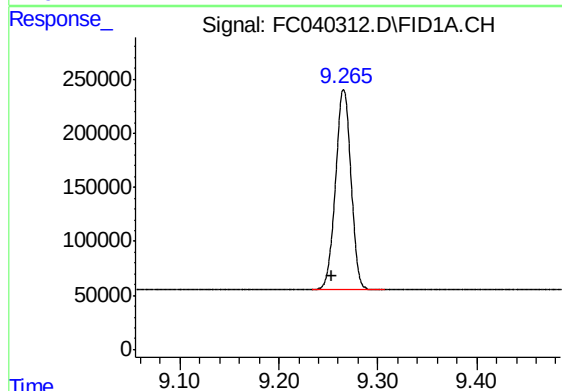
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.506 min
Delta R.T.: 0.012 min
Response: 2182641
Conc: 21.97 ug/ml



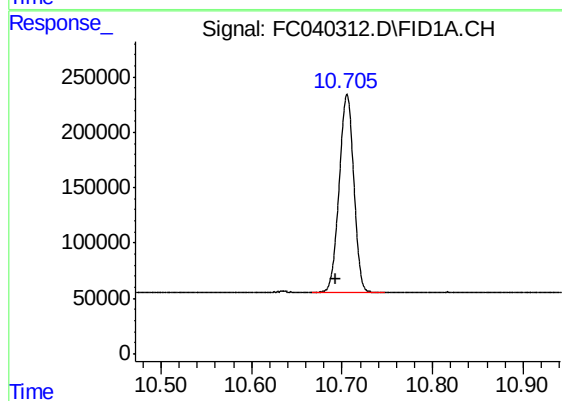
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 1965184
Conc: 21.56 ug/ml



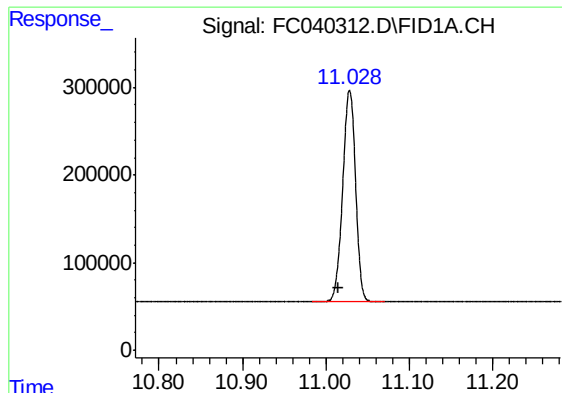
#7 n-Hexadecane (C16)

R.T.: 9.266 min
Delta R.T.: 0.012 min
Response: 2001883
Conc: 20.83 ug/ml



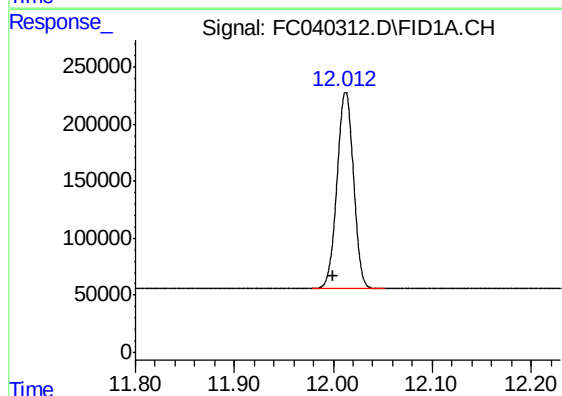
#8 n-Octadecane (C18)

R.T.: 10.706 min
Delta R.T.: 0.013 min
Response: 1997964
Conc: 19.92 ug/ml



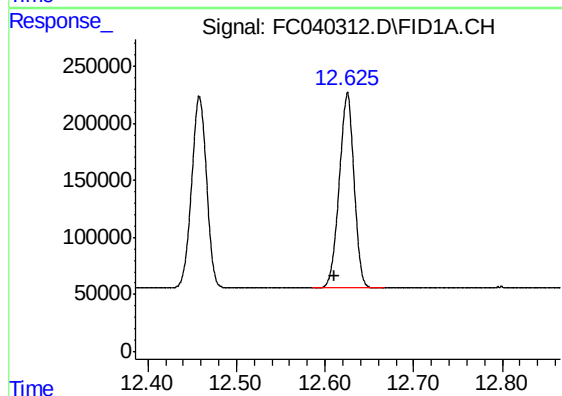
#9 ortho-Terphenyl (SURR)

R.T.: 11.029 min
Delta R.T.: 0.013 min
Response: 2579895
Conc: 20.03 ug/ml



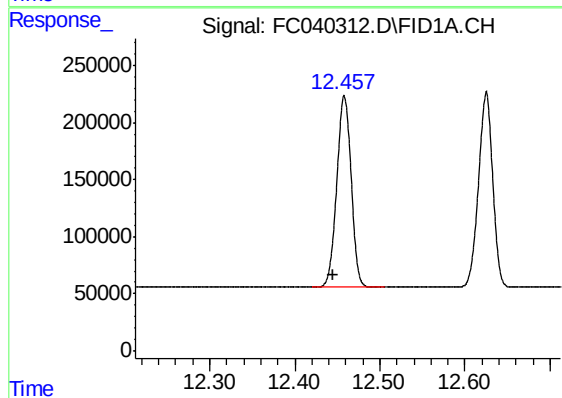
#10 n-Eicosane (C20)

R.T.: 12.013 min
Delta R.T.: 0.013 min
Response: 1997578
Conc: 19.63 ug/ml



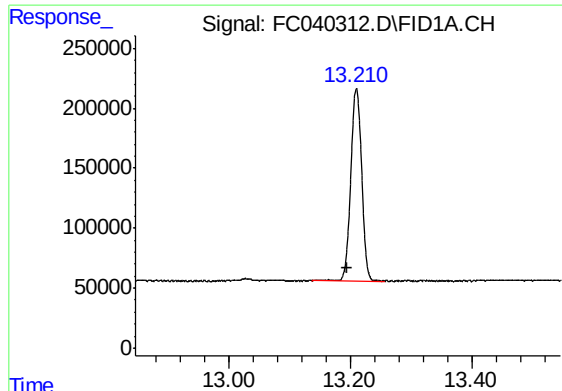
#11 n-Heneicosane (C21)

R.T.: 12.625 min
Delta R.T.: 0.015 min
Response: 1981889
Conc: 19.65 ug/ml



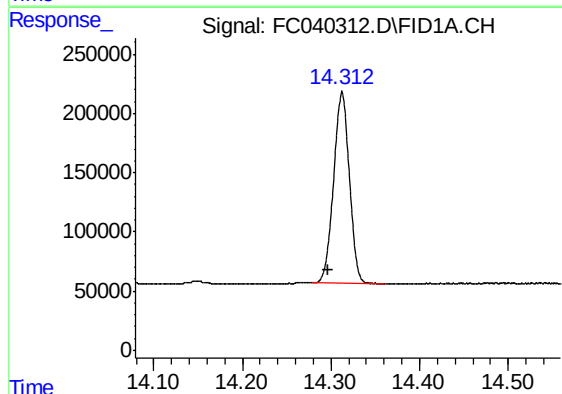
#12 1-chlorooctadecane (SURR)

R.T.: 12.458 min
Delta R.T.: 0.013 min
Response: 1972373
Conc: 19.97 ug/ml



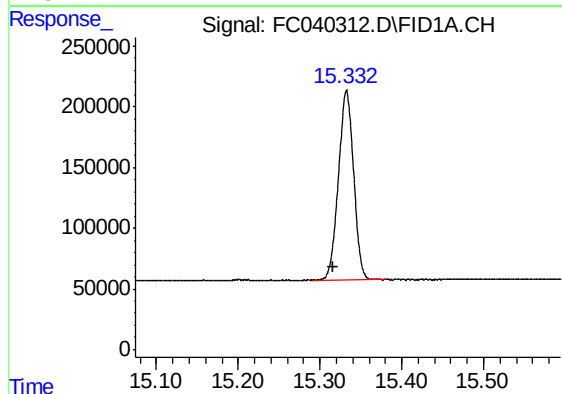
#13 n-Docosane (C22)

R.T.: 13.210 min
Delta R.T.: 0.014 min
Response: 1997242
Conc: 19.87 ug/ml



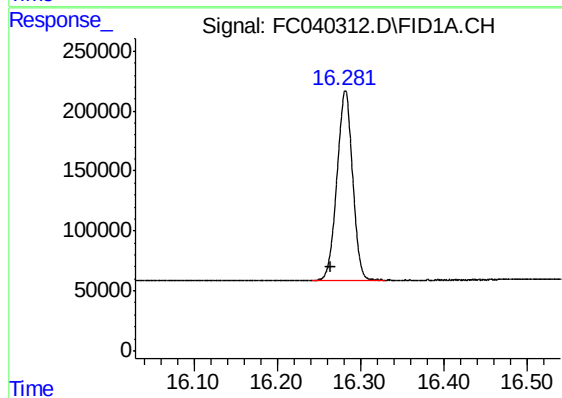
#14 n-Tetracosane (C24)

R.T.: 14.313 min
Delta R.T.: 0.016 min
Response: 1991216
Conc: 20.00 ug/ml



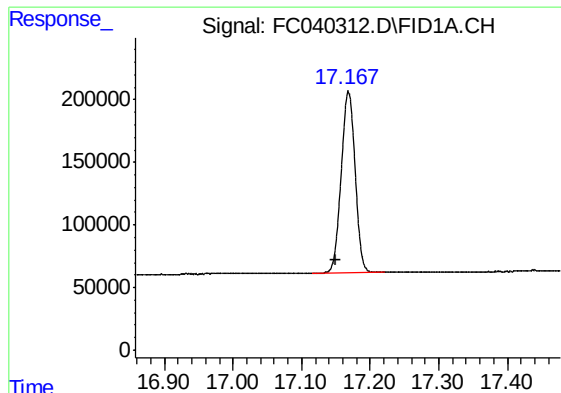
#15 n-Hexacosane (C26)

R.T.: 15.332 min
Delta R.T.: 0.016 min
Response: 2014139
Conc: 20.57 ug/ml



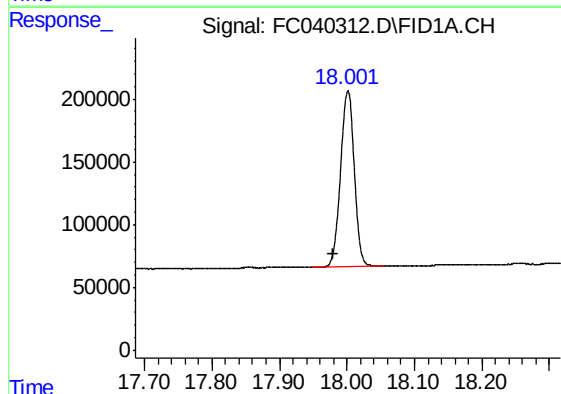
#16 n-Octacosane (C28)

R.T.: 16.282 min
Delta R.T.: 0.018 min
Response: 2046477
Conc: 20.86 ug/ml



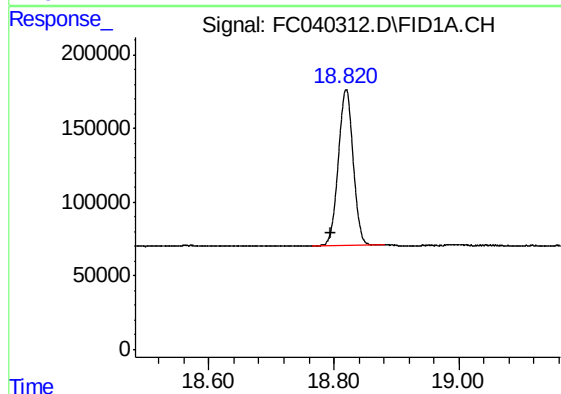
#17 n-Tricontane (C30)

R.T.: 17.168 min
Delta R.T.: 0.018 min
Response: 2042196
Conc: 20.87 ug/ml



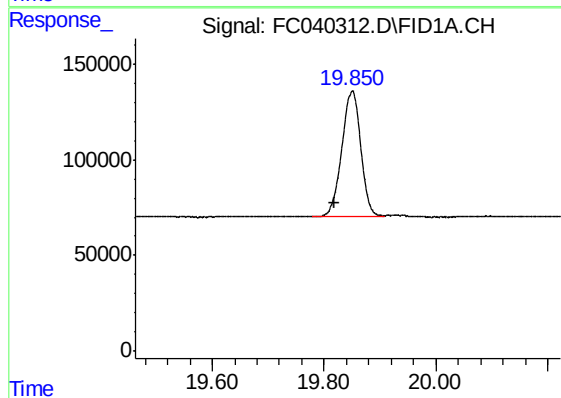
#18 n-Dotriacontane (C32)

R.T.: 18.002 min
Delta R.T.: 0.022 min
Response: 1978731
Conc: 20.45 ug/ml



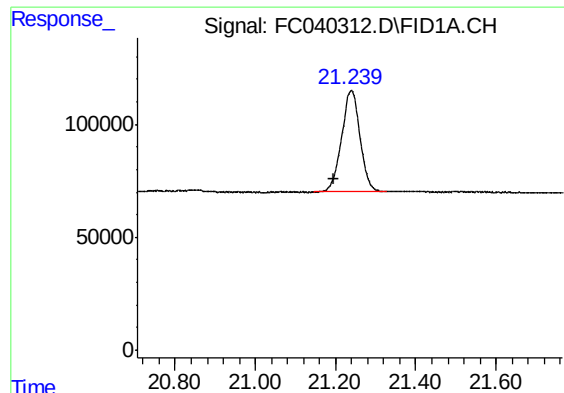
#19 n-Tetratriacontane (C34)

R.T.: 18.820 min
Delta R.T.: 0.024 min
Response: 1743417
Conc: 20.80 ug/ml



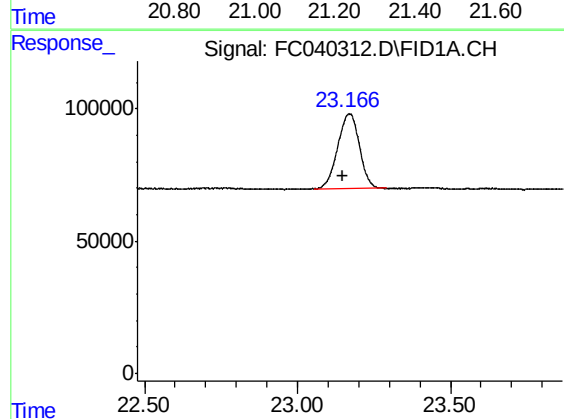
#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: 0.033 min
Response: 1536532
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.043 min
Response: 1434342
Conc: 20.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.167 min
Delta R.T.: 0.017 min
Response: 1396273
Conc: 20.60 ug/ml