

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082520AL\
 Data File : FC049204.D
 Signal(s) : FID1A.CH
 Acq On : 25 Aug 2020 14:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 26 01:41:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.687	2245484	18.899 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
12) S 1-chlorooctadecane (S...	13.120	1808456	18.590 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.410	2034022	19.502 ug/ml
2) T n-Decane (C10)	4.487	2069688	19.732 ug/ml
3) T A~Naphthalene (C11.7)	6.090	2349874	19.870 ug/ml
4) T n-Dodecane (C12)	6.515	2141259	20.188 ug/ml
5) T A~2-methylnaphthalene...	7.150	2421790	20.086 ug/ml
6) T n-Tetradecane (C14)	8.314	2144344	20.363 ug/ml
7) T n-Hexadecane (C16)	9.917	2107502	20.078 ug/ml
8) T n-Octadecane (C18)	11.363	2161602	19.676 ug/ml
10) T n-Eicosane (C20)	12.673	2126256	19.107 ug/ml
11) T n-Heneicosane (C21)	13.286	2092941	18.736 ug/ml
13) T n-Docosane (C22)	13.872	2058214	18.311 ug/ml
14) T n-Tetracosane (C24)	14.974	1980035	17.416 ug/ml
15) T n-Hexacosane (C26)	15.996	1896530	16.575 ug/ml
16) T n-Octacosane (C28)	16.943	1850006	15.902 ug/ml
17) T n-Tricontane (C30)	17.829	1790782	15.491 ug/ml
18) T n-Dotriacontane (C32)	18.661	1636930	15.139 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1442357	13.907 ug/ml
20) T n-Hexatriacontane (C36)	20.183	1621498	16.308 ug/ml
21) T n-Octatriacontane (C38)	20.940	1507838	15.946 ug/ml
22) T n-Tetracontane (C40)	21.899	1662275	17.412 ug/ml

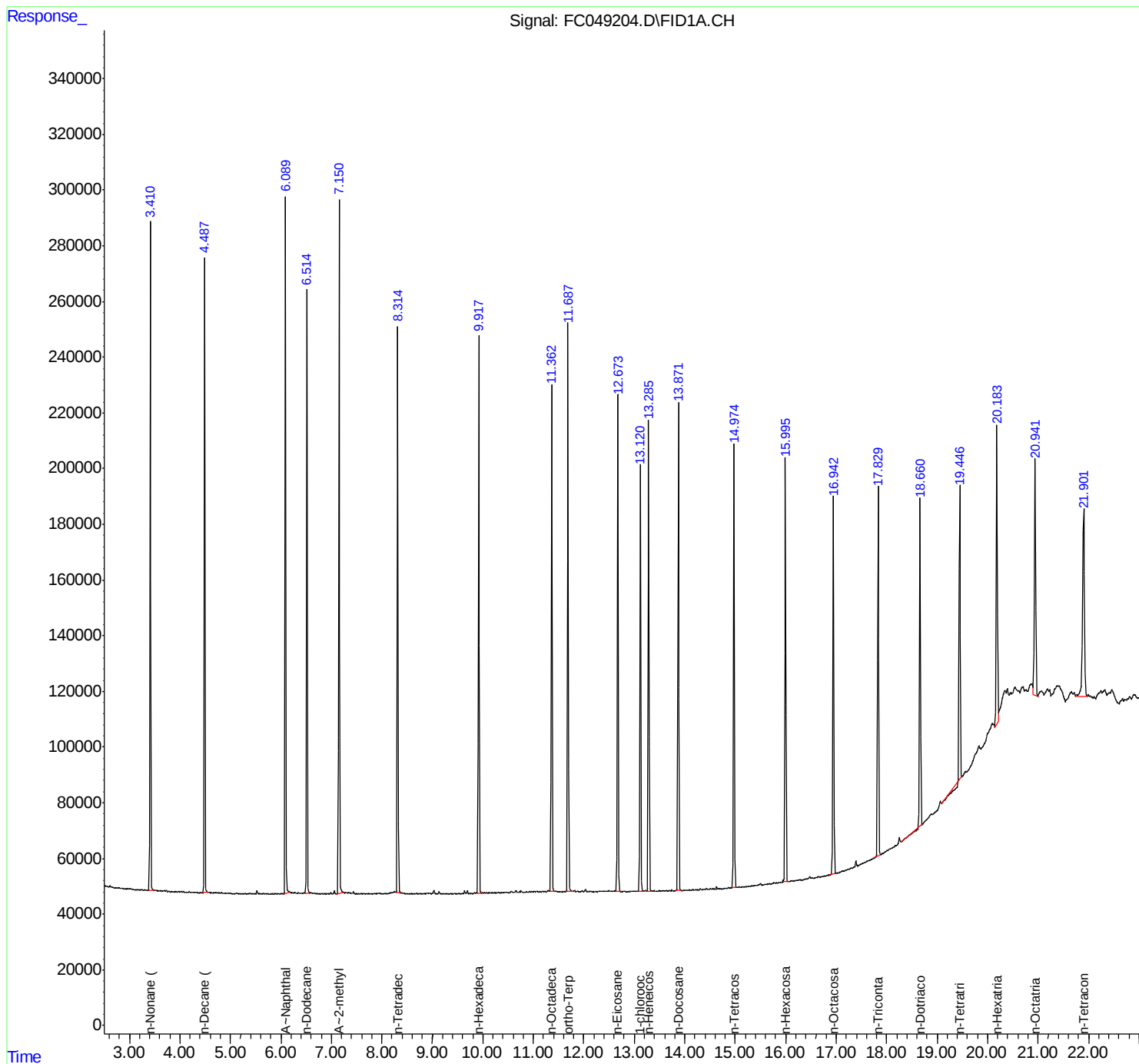
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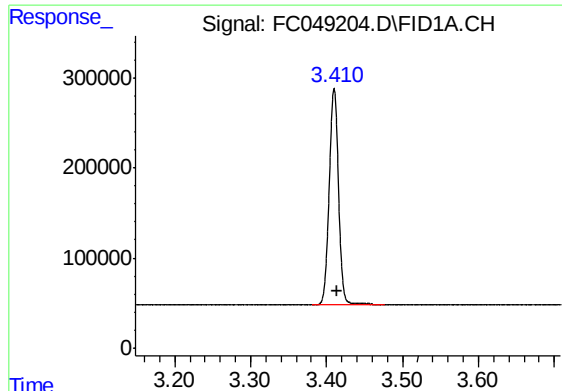
(m)=manual int.

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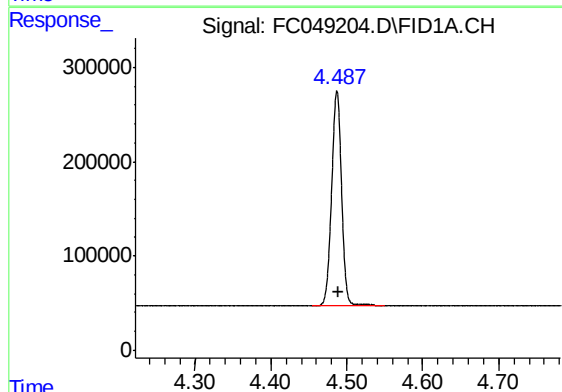
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Signal Info : 20M x 0.18mm x 0.18um





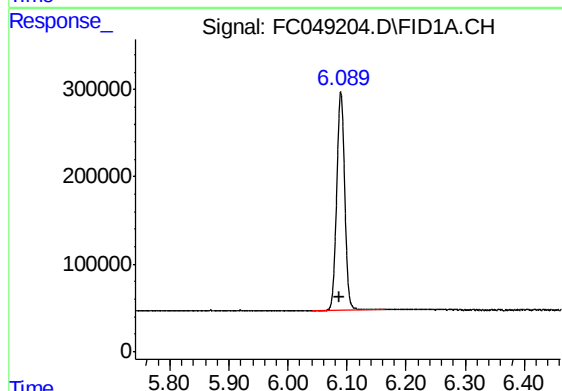
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.003 min
Response: 2034022
Conc: 19.50 ug/ml



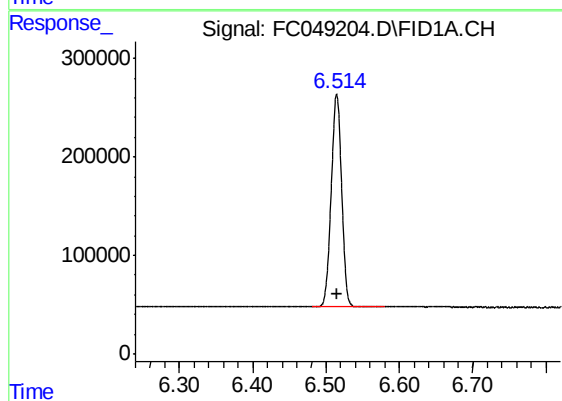
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 2069688
Conc: 19.73 ug/ml



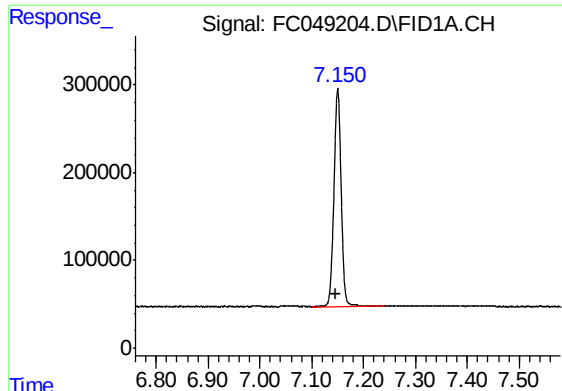
#3 A~Naphthalene (C11.7)

R.T.: 6.090 min
Delta R.T.: 0.003 min
Response: 2349874
Conc: 19.87 ug/ml



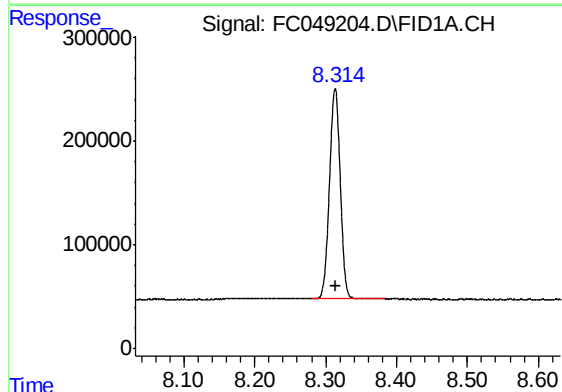
#4 n-Dodecane (C12)

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 2141259
Conc: 20.19 ug/ml



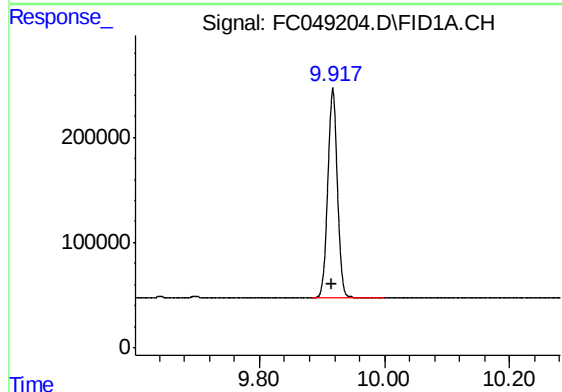
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: 0.003 min
Response: 2421790
Conc: 20.09 ug/ml



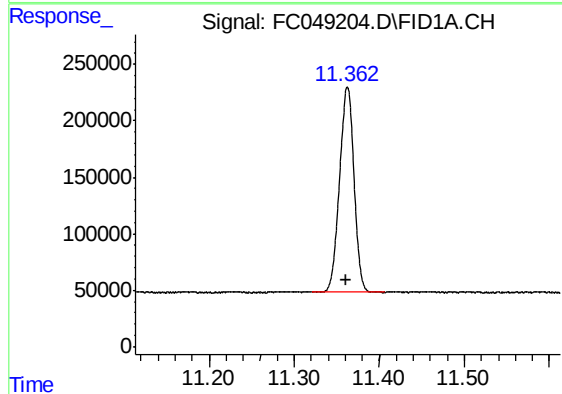
#6 n-Tetradecane (C14)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 2144344
Conc: 20.36 ug/ml



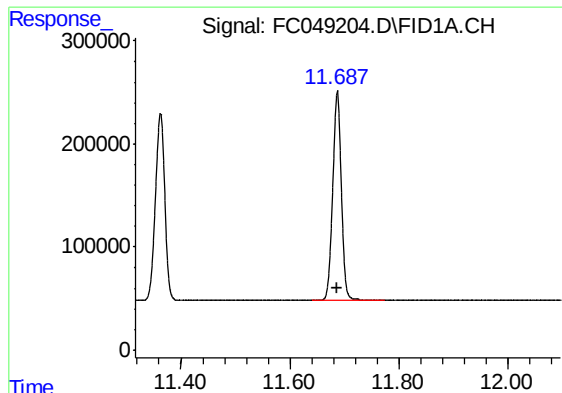
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.002 min
Response: 2107502
Conc: 20.08 ug/ml



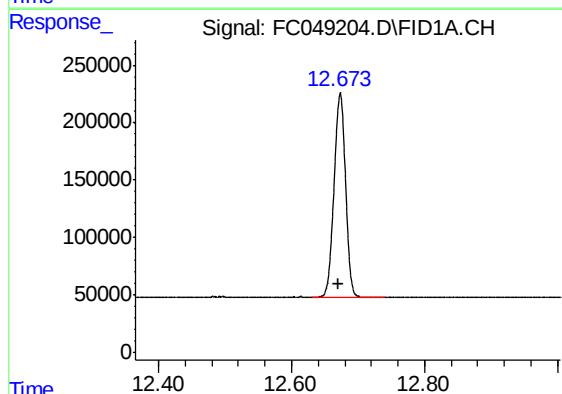
#8 n-Octadecane (C18)

R.T.: 11.363 min
Delta R.T.: 0.001 min
Response: 2161602
Conc: 19.68 ug/ml



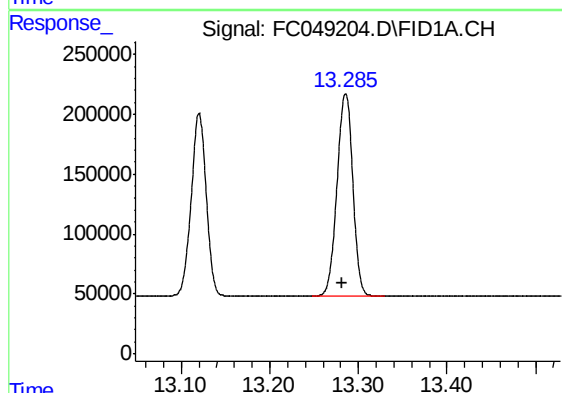
#9 ortho-Terphenyl (SURR)

R.T.: 11.687 min
Delta R.T.: 0.002 min
Response: 2245484
Conc: 18.90 ug/ml



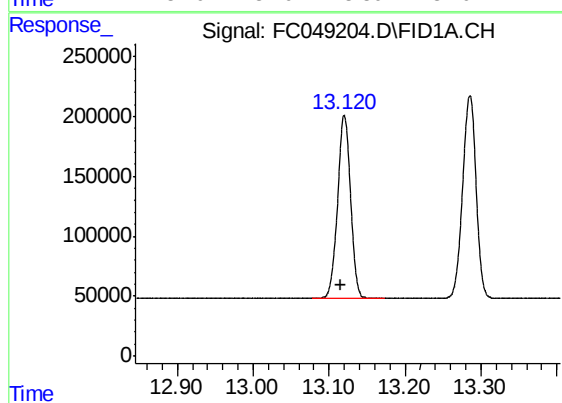
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.003 min
Response: 2126256
Conc: 19.11 ug/ml



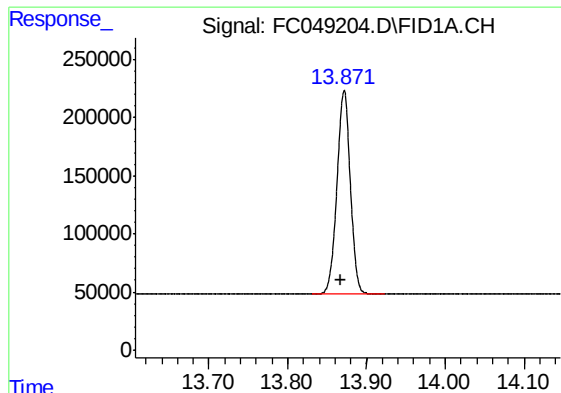
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: 0.004 min
Response: 2092941
Conc: 18.74 ug/ml



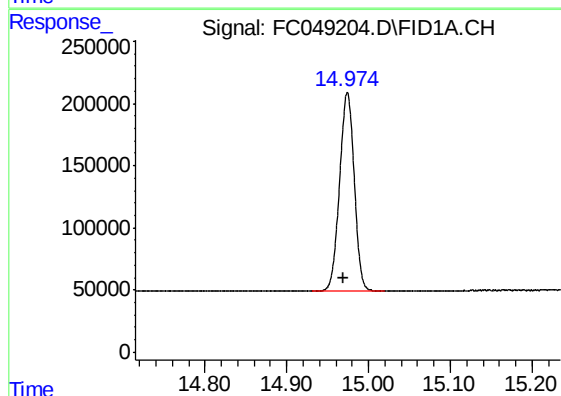
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min
Delta R.T.: 0.005 min
Response: 1808456
Conc: 18.59 ug/ml



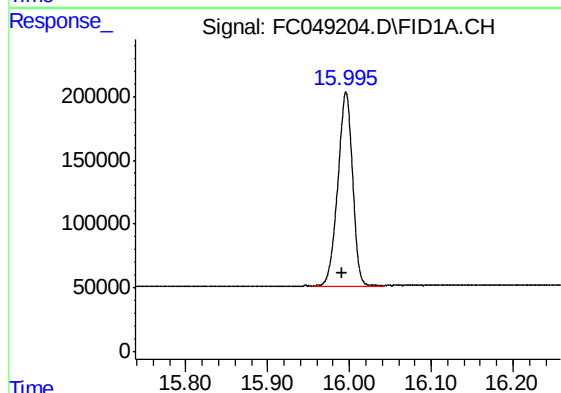
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: 0.004 min
Response: 2058214
Conc: 18.31 ug/ml



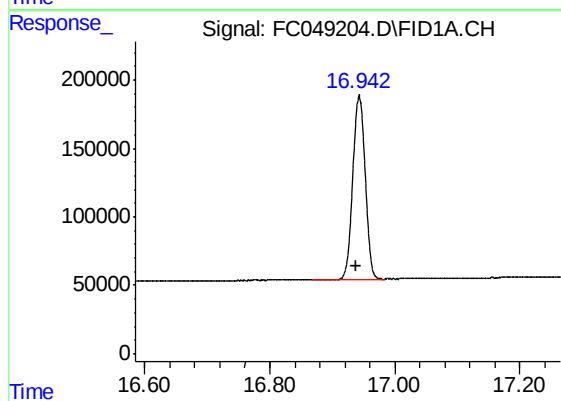
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.005 min
Response: 1980035
Conc: 17.42 ug/ml



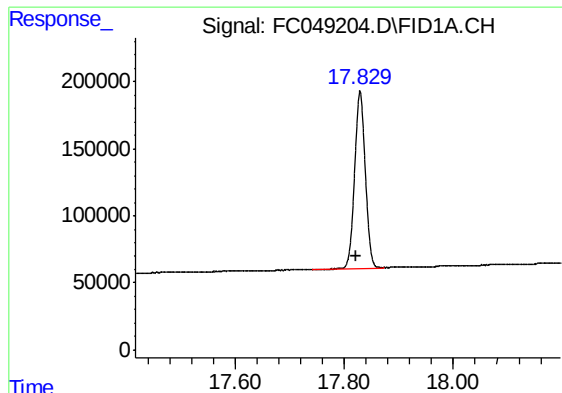
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.005 min
Response: 1896530
Conc: 16.58 ug/ml



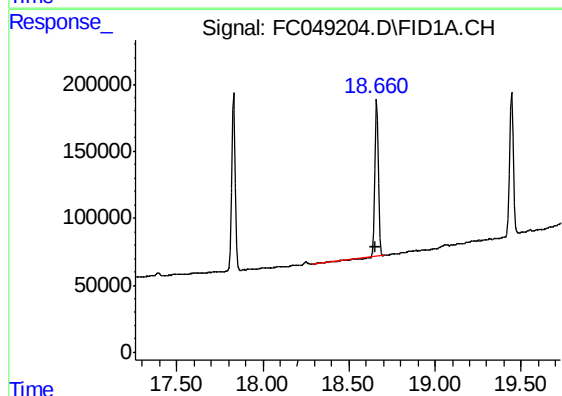
#16 n-Octacosane (C28)

R.T.: 16.943 min
Delta R.T.: 0.006 min
Response: 1850006
Conc: 15.90 ug/ml



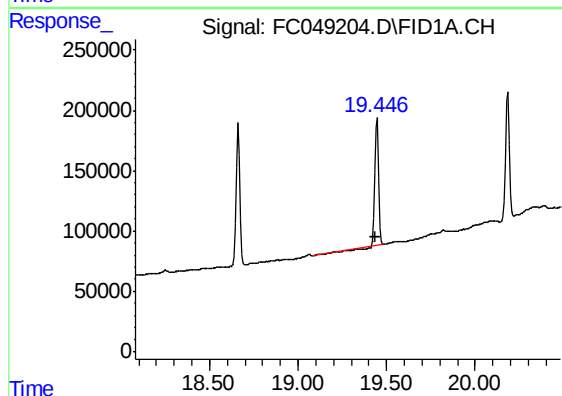
#17 n-Tricontane (C30)

R.T.: 17.829 min
Delta R.T.: 0.006 min
Response: 1790782
Conc: 15.49 ug/ml



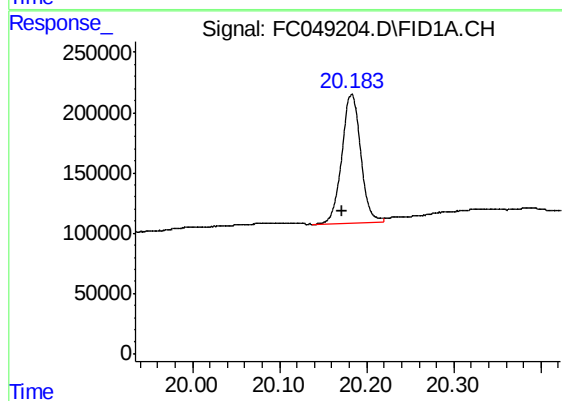
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.007 min
Response: 1636930
Conc: 15.14 ug/ml



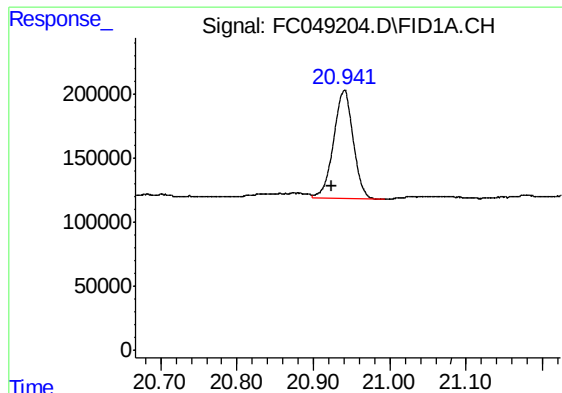
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.010 min
Response: 1442357
Conc: 13.91 ug/ml



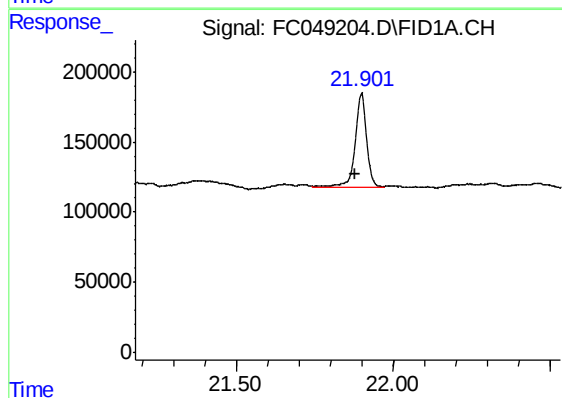
#20 n-Hexatriacontane (C36)

R.T.: 20.183 min
Delta R.T.: 0.011 min
Response: 1621498
Conc: 16.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.016 min
Response: 1507838
Conc: 15.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.899 min
Delta R.T.: 0.022 min
Response: 1662275
Conc: 17.41 ug/ml