

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051119AL\
 Data File : FC041144.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2019 9:41
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 13 00:41:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 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)	11.034	2134472	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	12.463	1715443	20.703 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
Target Compounds			
1) T n-Nonane (C9)	2.864	1731732	19.192 ug/ml
2) T n-Decane (C10)	3.885	1790508	19.497 ug/ml
3) T A~Naphthalene (C11.7)	5.462	2121400	20.414 ug/ml
4) T n-Dodecane (C12)	5.879	1826297	19.700 ug/ml
5) T A~2-methylnaphthalene...	6.512	2144960	20.451 ug/ml
6) T n-Tetradecane (C14)	7.671	1872183	19.667 ug/ml
7) T n-Hexadecane (C16)	9.269	1890237	19.631 ug/ml
8) T n-Octadecane (C18)	10.709	1907285	19.628 ug/ml
10) T n-Eicosane (C20)	12.017	1947142	20.318 ug/ml
11) T n-Heneicosane (C21)	12.629	1949594	20.837 ug/ml
13) T n-Docosane (C22)	13.215	1973728	21.331 ug/ml
14) T n-Tetracosane (C24)	14.317	2015546	22.120 ug/ml
15) T n-Hexacosane (C26)	15.337	2053066	22.874 ug/ml
16) T n-Octacosane (C28)	16.287	2128355	22.712 ug/ml
17) T n-Tricontane (C30)	17.173	2150959	20.124 ug/ml
18) T n-Dotriacontane (C32)	18.006	2009889	20.360 ug/ml
19) T n-Tetratriacontane (C34)	18.825	1732927	22.760 ug/ml
20) T n-Hexatriacontane (C36)	19.857	1462422	21.940 ug/ml
21) T n-Octatriacontane (C38)	21.255	1337947	20.884 ug/ml
22) T n-Tetracontane (C40)	23.187	1223666	19.420 ug/ml

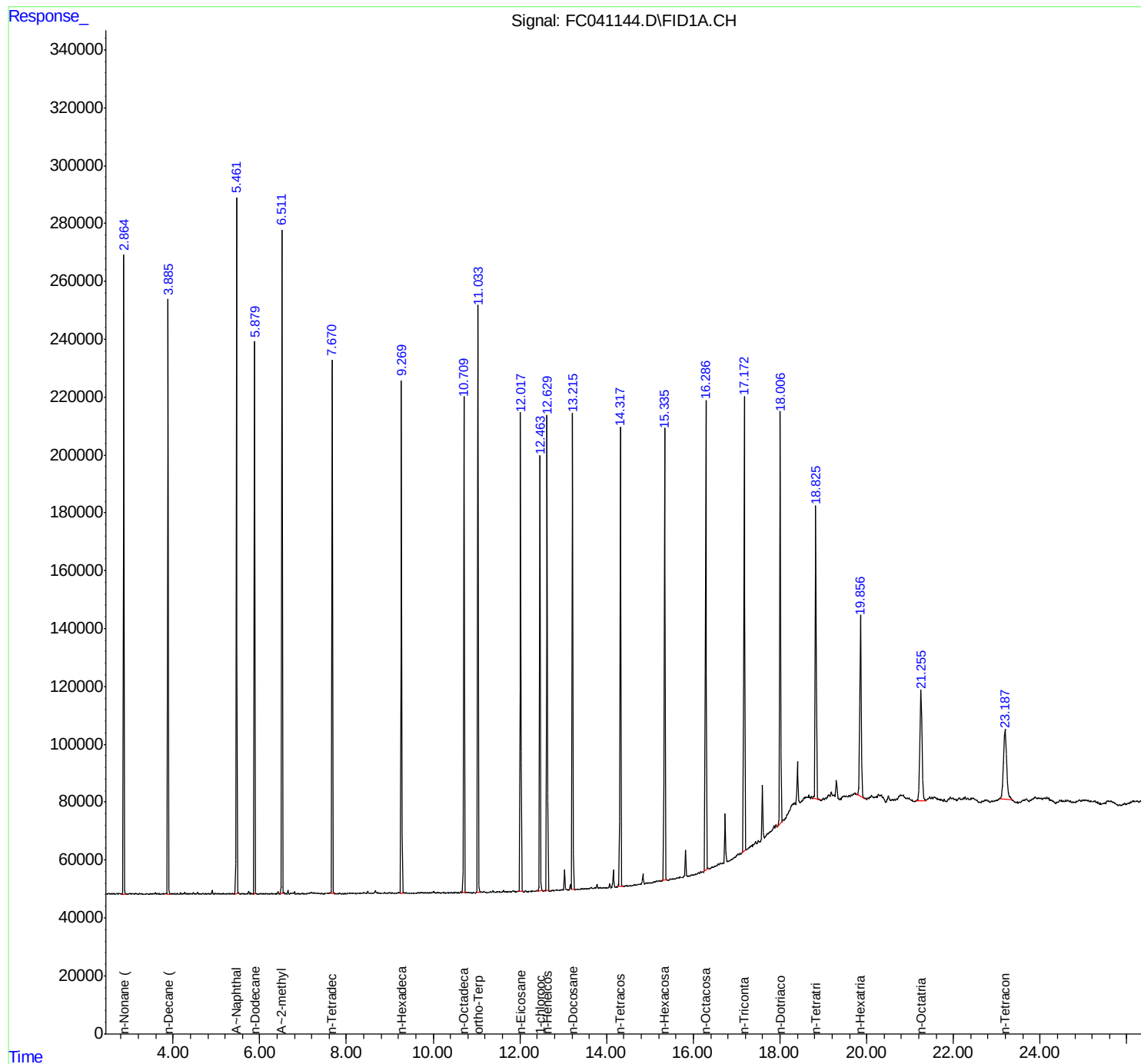
(f)=RT Delta > 1/2 Window

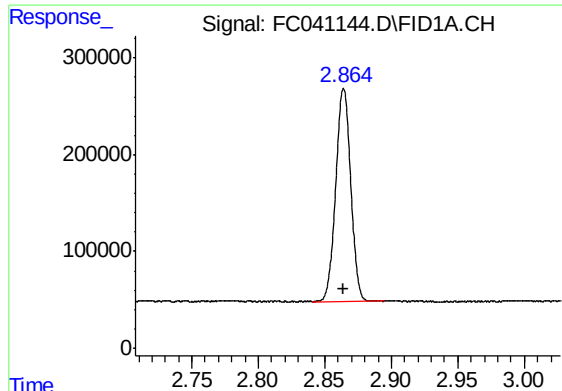
(m)=manual int.

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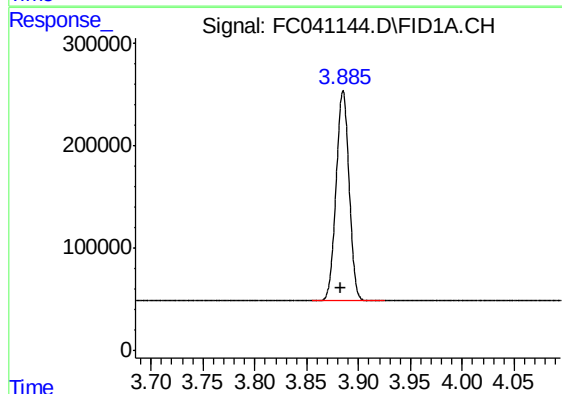
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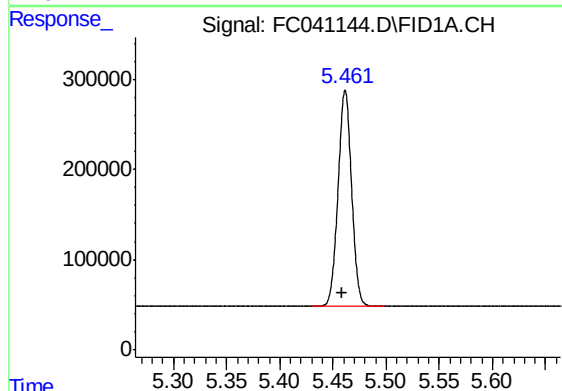
#1 n-Nonane (C9)

R.T.: 2.864 min
Delta R.T.: 0.000 min
Response: 1731732
Conc: 19.19 ug/ml



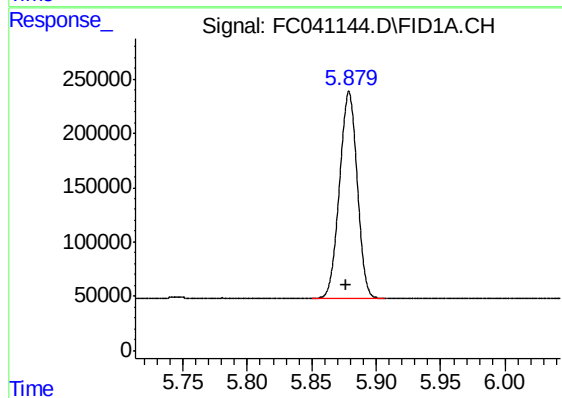
#2 n-Decane (C10)

R.T.: 3.885 min
Delta R.T.: 0.002 min
Response: 1790508
Conc: 19.50 ug/ml



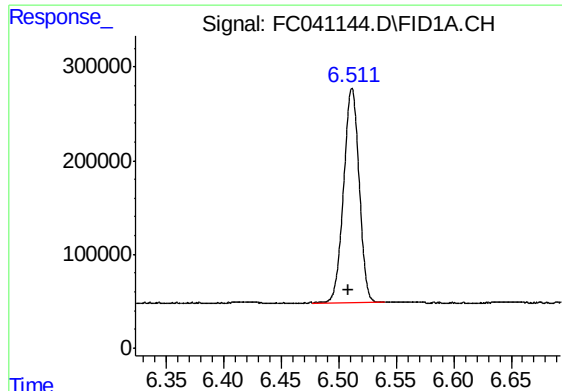
#3 A~Naphthalene (C11.7)

R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 2121400
Conc: 20.41 ug/ml



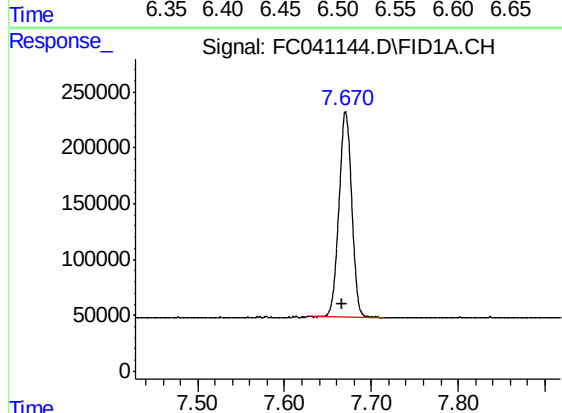
#4 n-Dodecane (C12)

R.T.: 5.879 min
Delta R.T.: 0.003 min
Response: 1826297
Conc: 19.70 ug/ml



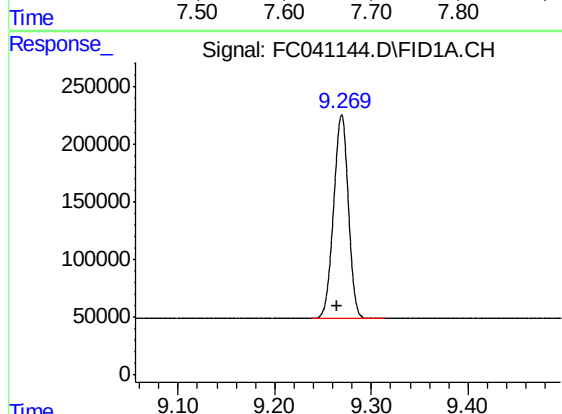
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.512 min
Delta R.T.: 0.003 min
Response: 2144960
Conc: 20.45 ug/ml



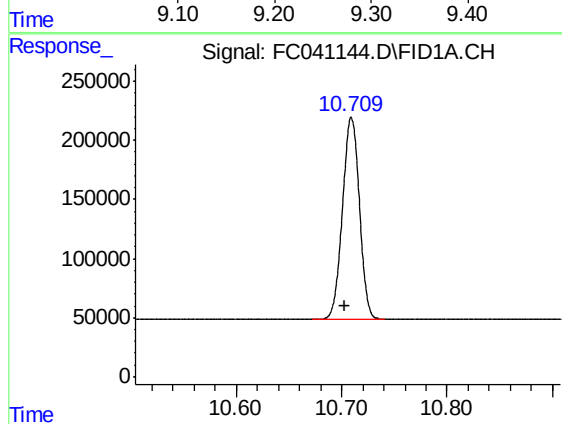
#6 n-Tetradecane (C14)

R.T.: 7.671 min
Delta R.T.: 0.004 min
Response: 1872183
Conc: 19.67 ug/ml



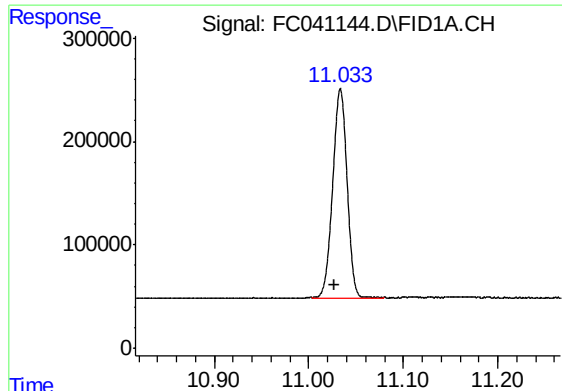
#7 n-Hexadecane (C16)

R.T.: 9.269 min
Delta R.T.: 0.005 min
Response: 1890237
Conc: 19.63 ug/ml



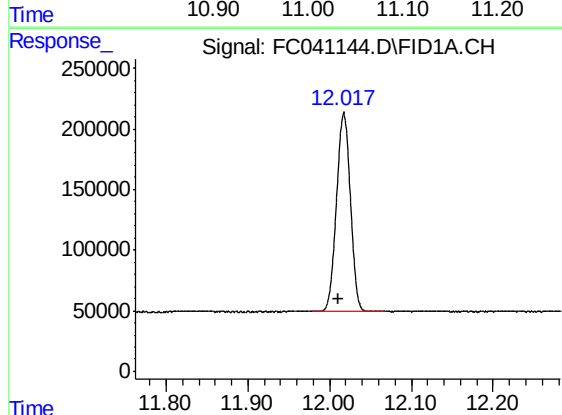
#8 n-Octadecane (C18)

R.T.: 10.709 min
Delta R.T.: 0.006 min
Response: 1907285
Conc: 19.63 ug/ml



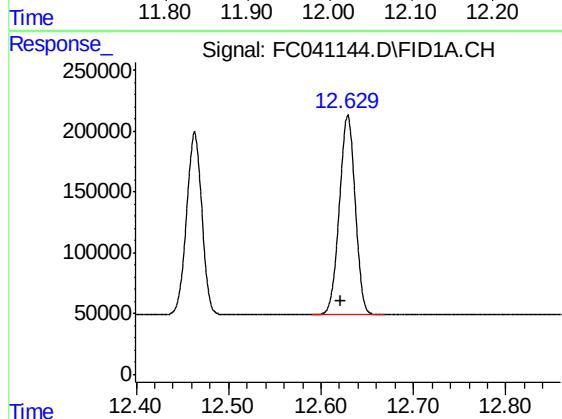
#9 ortho-Terphenyl (SURR)

R.T.: 11.034 min
Delta R.T.: 0.006 min
Response: 2134472
Conc: 20.49 ug/ml



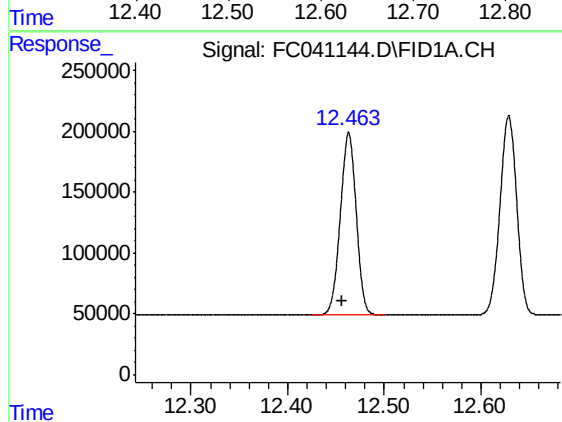
#10 n-Eicosane (C20)

R.T.: 12.017 min
Delta R.T.: 0.007 min
Response: 1947142
Conc: 20.32 ug/ml



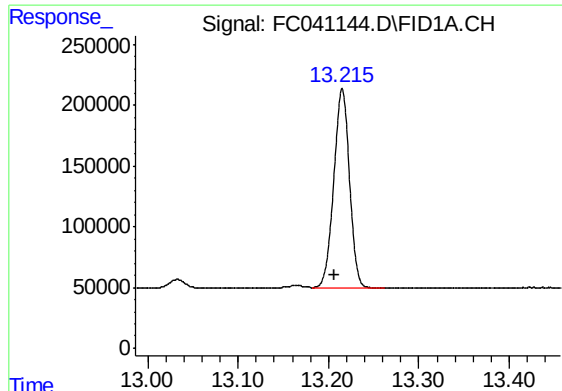
#11 n-Heneicosane (C21)

R.T.: 12.629 min
Delta R.T.: 0.007 min
Response: 1949594
Conc: 20.84 ug/ml



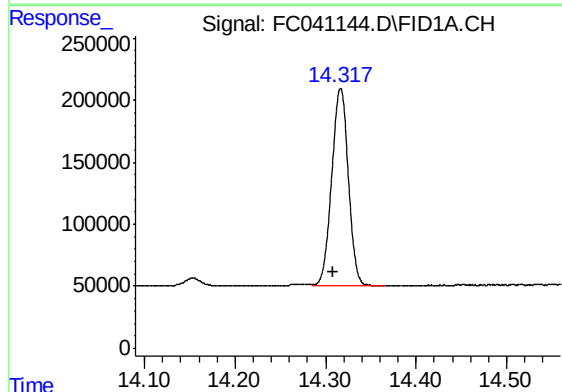
#12 1-chlorooctadecane (SURR)

R.T.: 12.463 min
Delta R.T.: 0.007 min
Response: 1715443
Conc: 20.70 ug/ml



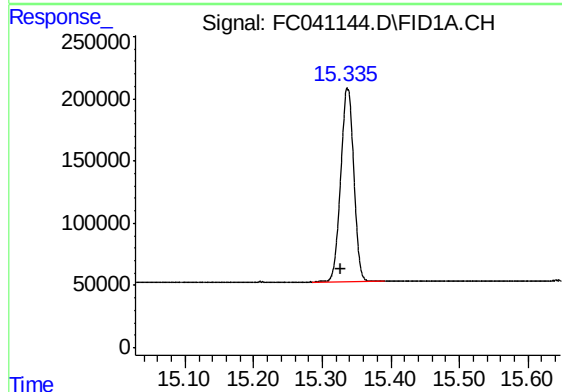
#13 n-Docosane (C22)

R.T.: 13.215 min
Delta R.T.: 0.008 min
Response: 1973728
Conc: 21.33 ug/ml



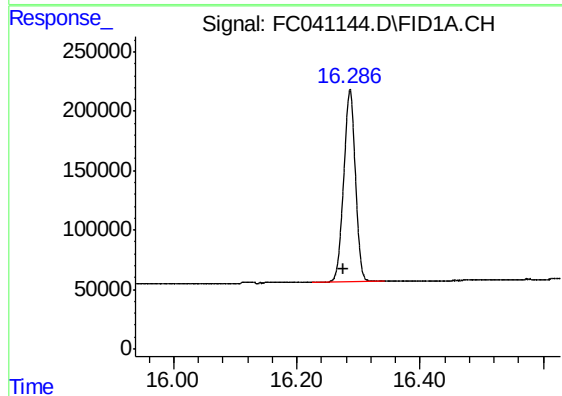
#14 n-Tetracosane (C24)

R.T.: 14.317 min
Delta R.T.: 0.008 min
Response: 2015546
Conc: 22.12 ug/ml



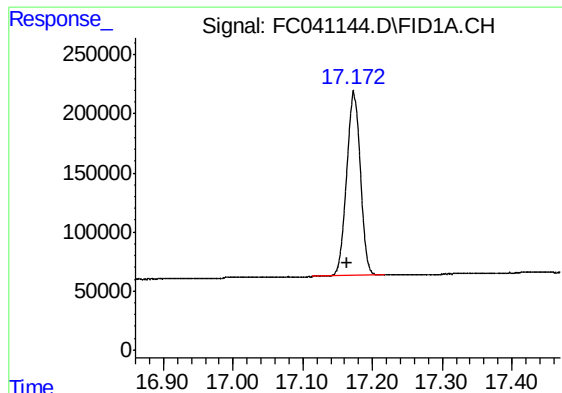
#15 n-Hexacosane (C26)

R.T.: 15.337 min
Delta R.T.: 0.009 min
Response: 2053066
Conc: 22.87 ug/ml



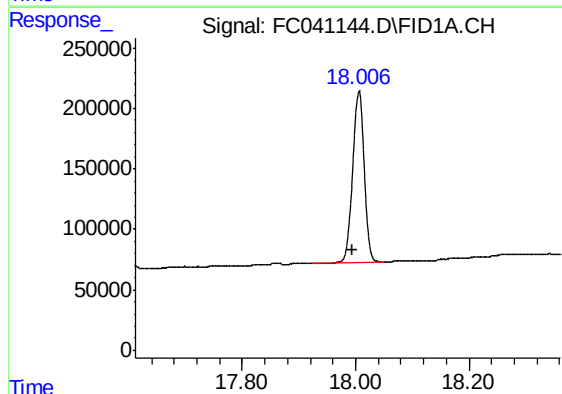
#16 n-Octacosane (C28)

R.T.: 16.287 min
Delta R.T.: 0.011 min
Response: 2128355
Conc: 22.71 ug/ml



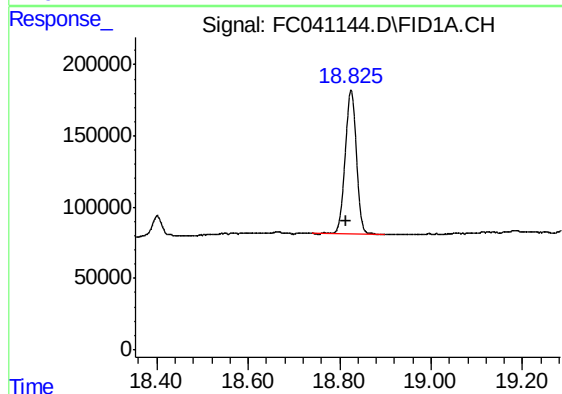
#17 n-Tricontane (C30)

R.T.: 17.173 min
Delta R.T.: 0.009 min
Response: 2150959
Conc: 20.12 ug/ml



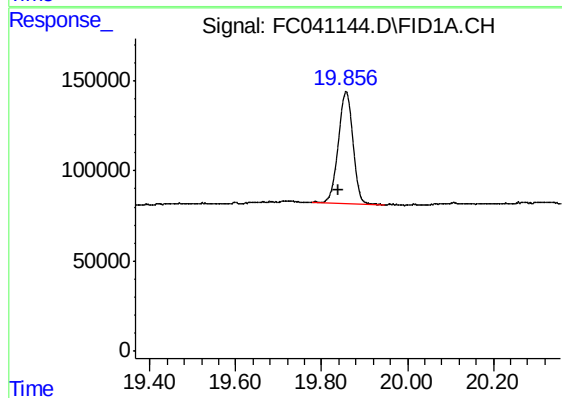
#18 n-Dotriacontane (C32)

R.T.: 18.006 min
Delta R.T.: 0.011 min
Response: 2009889
Conc: 20.36 ug/ml



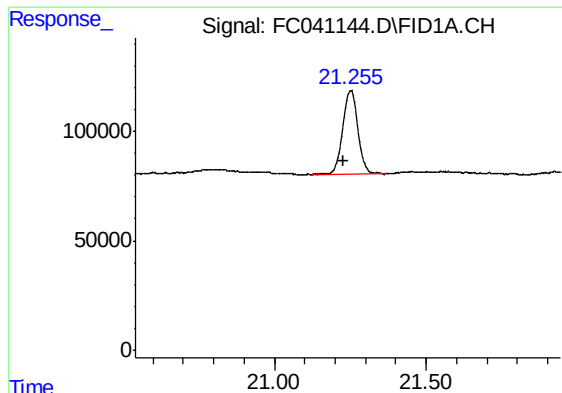
#19 n-Tetatriacontane (C34)

R.T.: 18.825 min
Delta R.T.: 0.012 min
Response: 1732927
Conc: 22.76 ug/ml



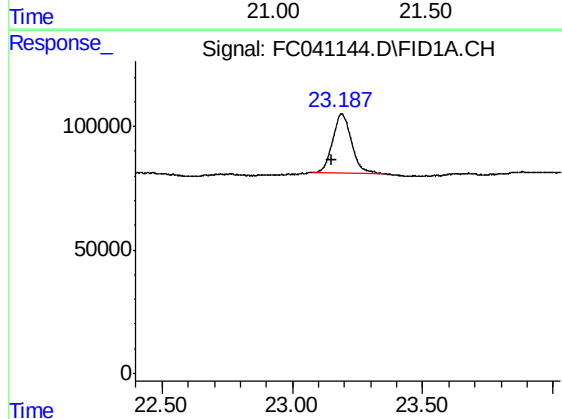
#20 n-Hexatriacontane (C36)

R.T.: 19.857 min
Delta R.T.: 0.018 min
Response: 1462422
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.028 min
Response: 1337947
Conc: 20.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.187 min
Delta R.T.: 0.036 min
Response: 1223666
Conc: 19.42 ug/ml