

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062320AL\
 Data File : FC048005.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jun 2020 9:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 24 01:16:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.727	2287960	19.073 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.140	1828802	18.674 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.538	2114025	21.125 ug/ml
2) T n-Decane (C10)	4.601	2136915	21.268 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2100609	20.819 ug/ml
4) T n-Dodecane (C12)	6.600	2221242	21.219 ug/ml
5) T A~2-methylnaphthalene...	7.247	2153953	20.810 ug/ml
6) T n-Tetradecane (C14)	8.378	2208866	21.046 ug/ml
7) T n-Hexadecane (C16)	9.964	2170630	20.776 ug/ml
8) T n-Octadecane (C18)	11.395	2230578	20.066 ug/ml
10) T n-Eicosane (C20)	12.694	2192075	19.262 ug/ml
11) T n-Heneicosane (C21)	13.302	2154521	18.828 ug/ml
13) T n-Docosane (C22)	13.884	2109494	18.390 ug/ml
14) T n-Tetracosane (C24)	14.979	2021345	17.590 ug/ml
15) T n-Hexacosane (C26)	15.993	1935184	16.942 ug/ml
16) T n-Octacosane (C28)	16.937	1892689	16.653 ug/ml
17) T n-Tricontane (C30)	17.820	1851505	16.894 ug/ml
18) T n-Dotriacontane (C32)	18.647	1724154	17.392 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1647103	17.984 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1653454	19.280 ug/ml
21) T n-Octatriacontane (C38)	20.915	1522445	19.118 ug/ml
22) T n-Tetracontane (C40)	21.856	1587128	20.073 ug/ml

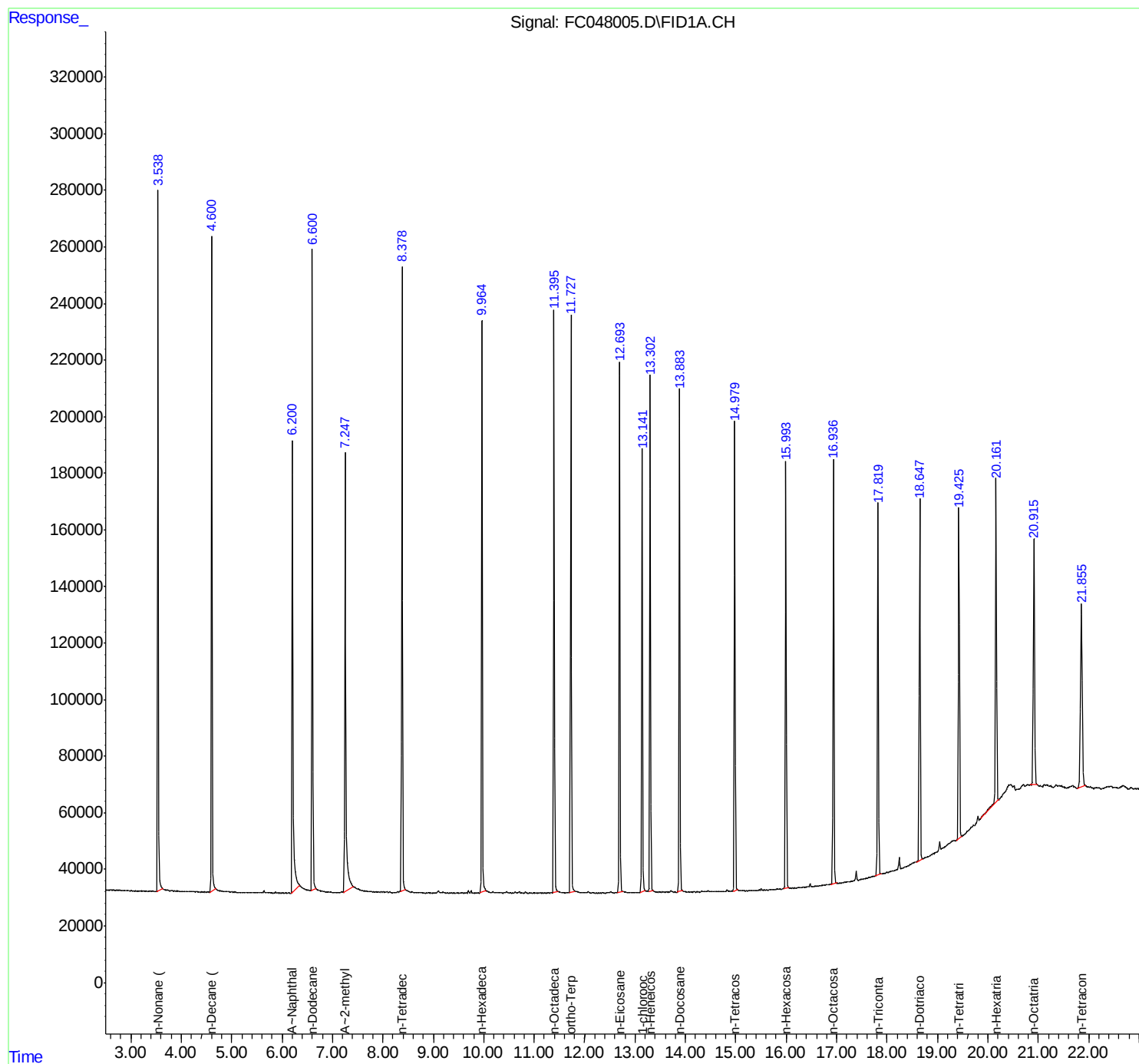
(f)=RT Delta > 1/2 Window

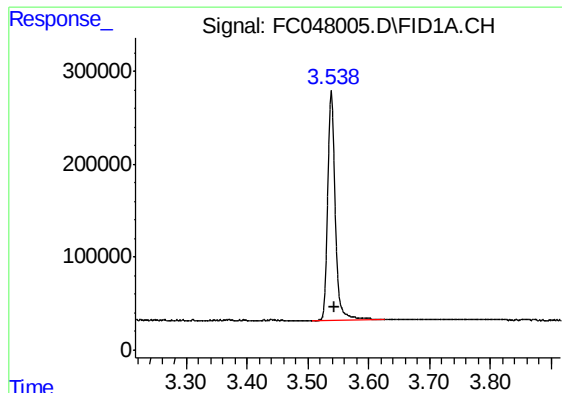
(m)=manual int.

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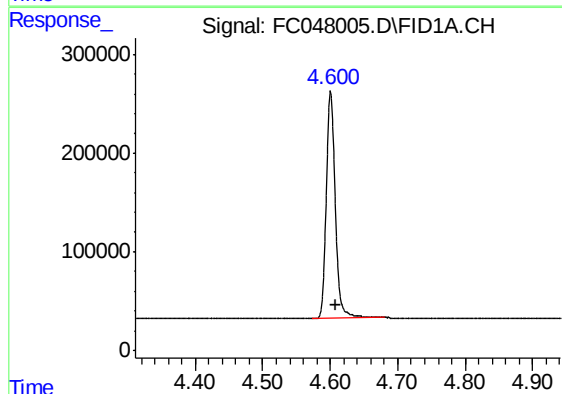
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





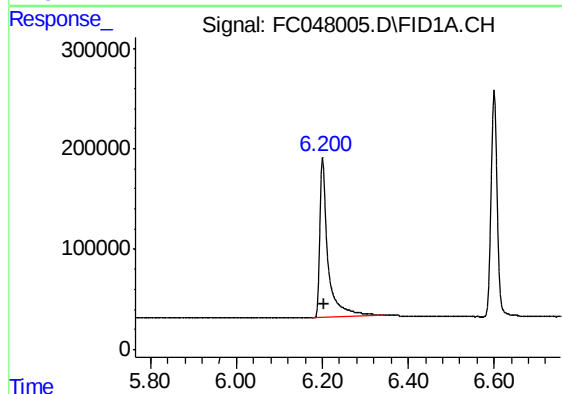
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 2114025
Conc: 21.13 ug/ml



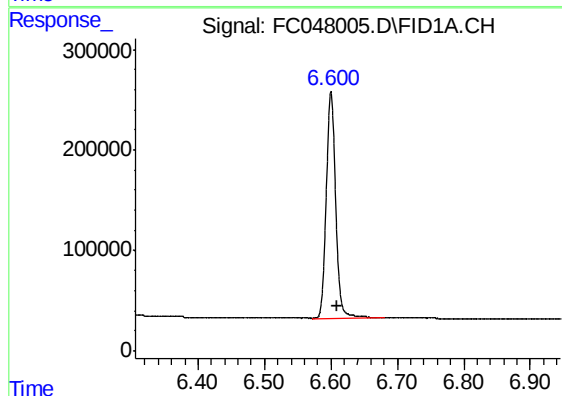
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.007 min
Response: 2136915
Conc: 21.27 ug/ml



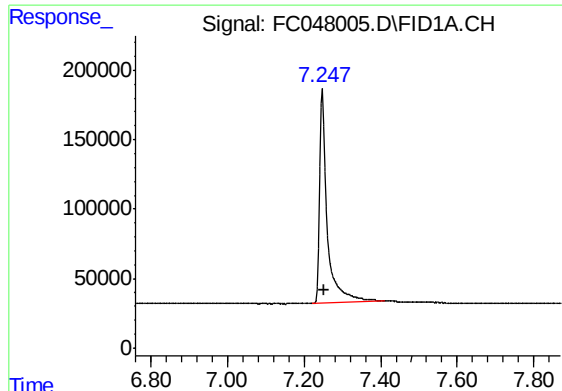
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 2100609
Conc: 20.82 ug/ml



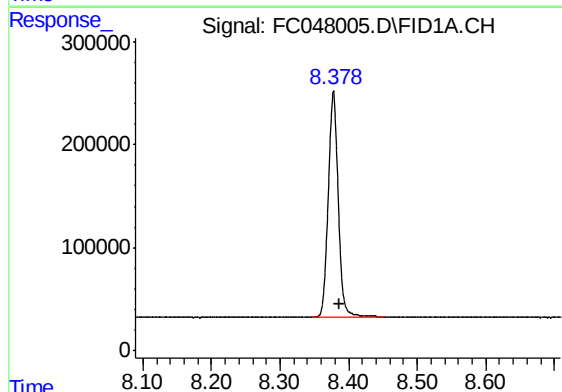
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 2221242
Conc: 21.22 ug/ml



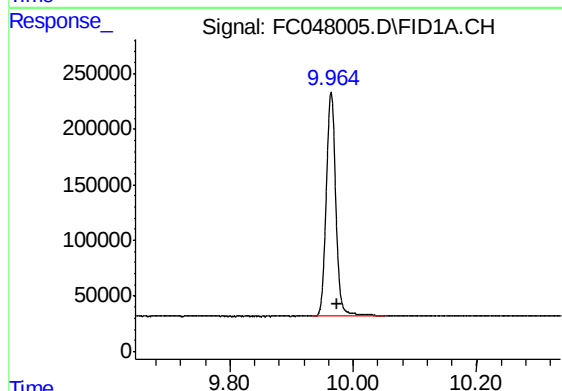
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: -0.006 min
Response: 2153953
Conc: 20.81 ug/ml



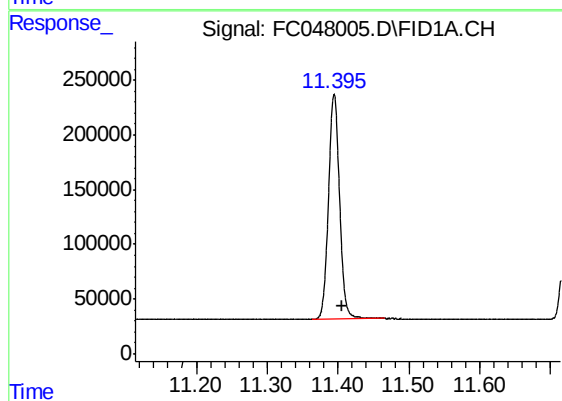
#6 n-Tetradecane (C14)

R.T.: 8.378 min
Delta R.T.: -0.010 min
Response: 2208866
Conc: 21.05 ug/ml



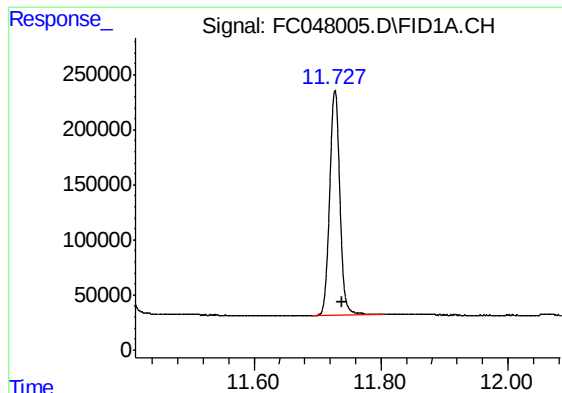
#7 n-Hexadecane (C16)

R.T.: 9.964 min
Delta R.T.: -0.010 min
Response: 2170630
Conc: 20.78 ug/ml



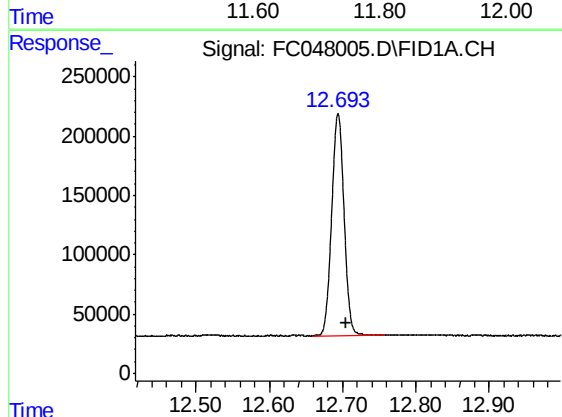
#8 n-Octadecane (C18)

R.T.: 11.395 min
Delta R.T.: -0.011 min
Response: 2230578
Conc: 20.07 ug/ml



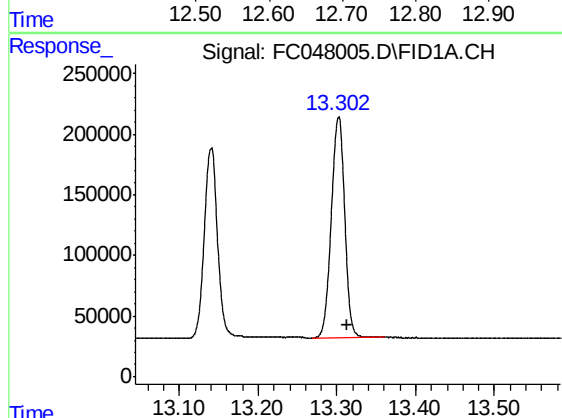
#9 ortho-Terphenyl (SURR)

R.T.: 11.727 min
Delta R.T.: -0.011 min
Response: 2287960
Conc: 19.07 ug/ml



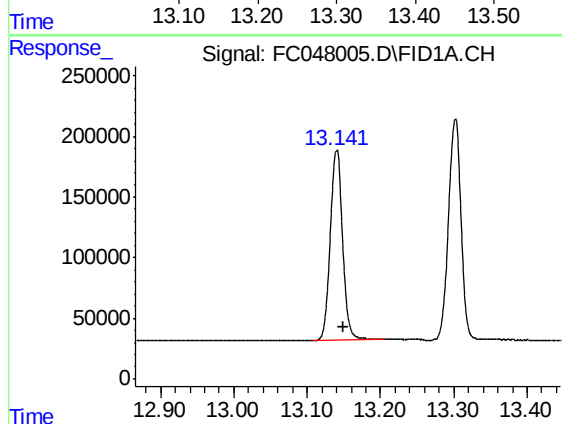
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.011 min
Response: 2192075
Conc: 19.26 ug/ml



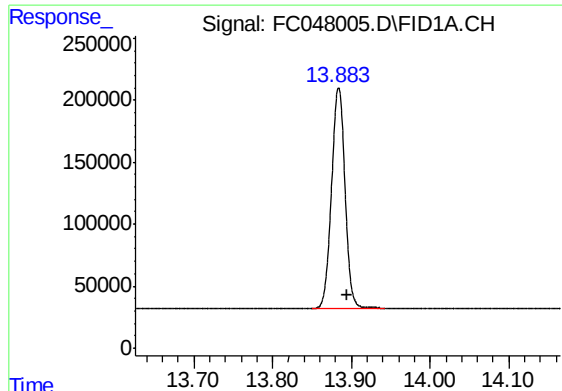
#11 n-Heneicosane (C21)

R.T.: 13.302 min
Delta R.T.: -0.010 min
Response: 2154521
Conc: 18.83 ug/ml



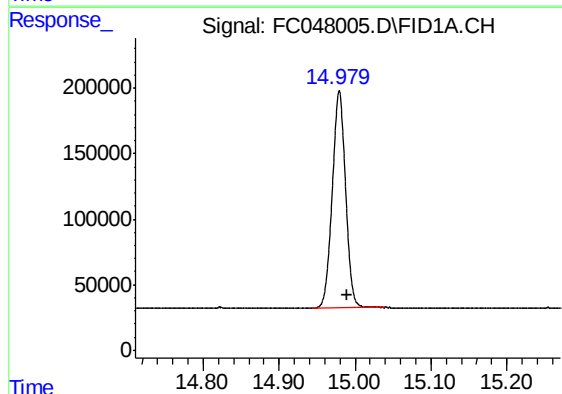
#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: -0.010 min
Response: 1828802
Conc: 18.67 ug/ml



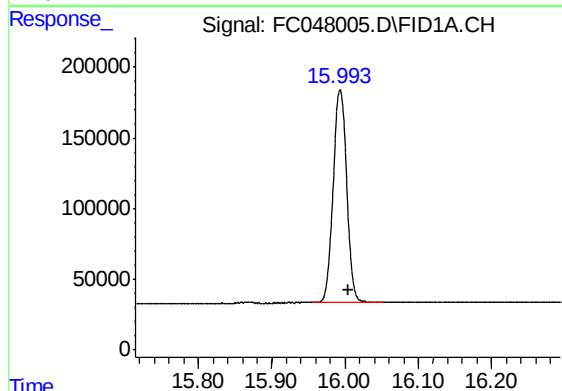
#13 n-Docosane (C22)

R.T.: 13.884 min
Delta R.T.: -0.011 min
Response: 2109494
Conc: 18.39 ug/ml



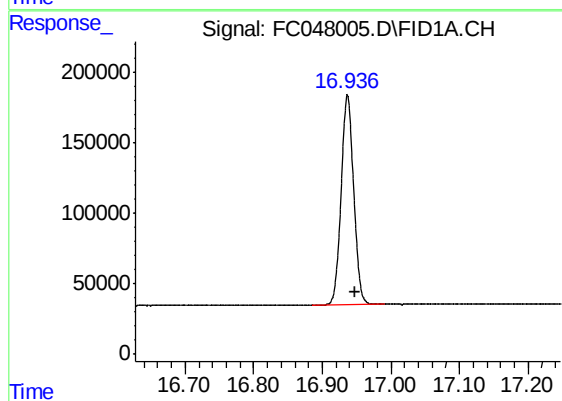
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.011 min
Response: 2021345
Conc: 17.59 ug/ml



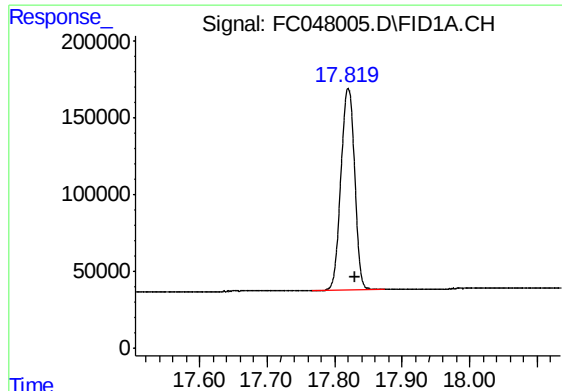
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.011 min
Response: 1935184
Conc: 16.94 ug/ml



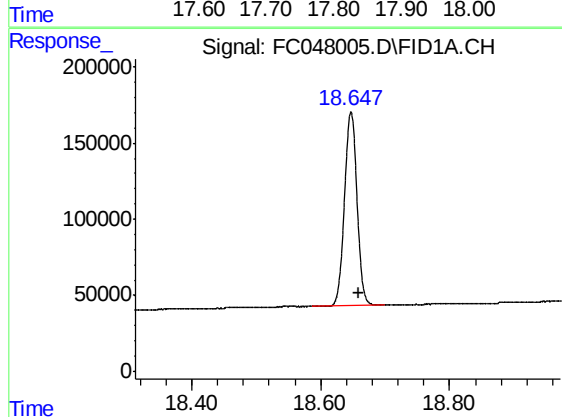
#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: -0.012 min
Response: 1892689
Conc: 16.65 ug/ml



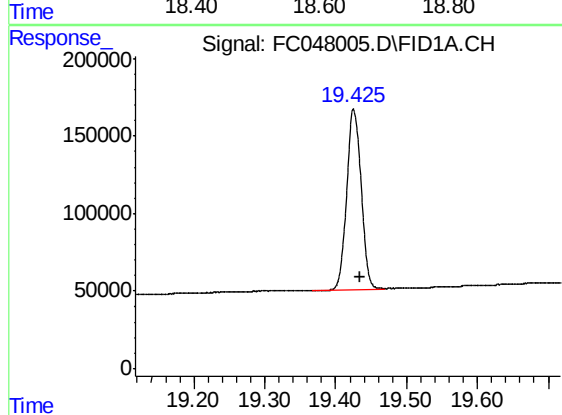
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.011 min
Response: 1851505
Conc: 16.89 ug/ml



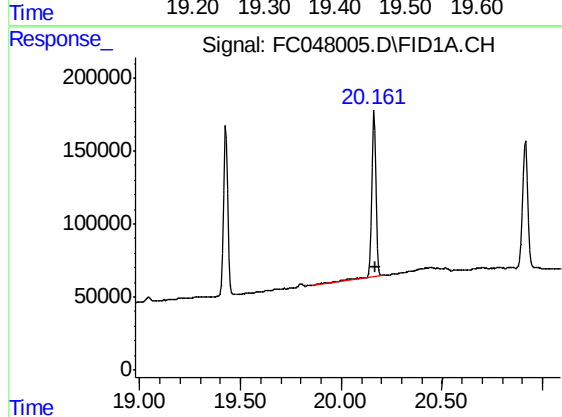
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: -0.011 min
Response: 1724154
Conc: 17.39 ug/ml



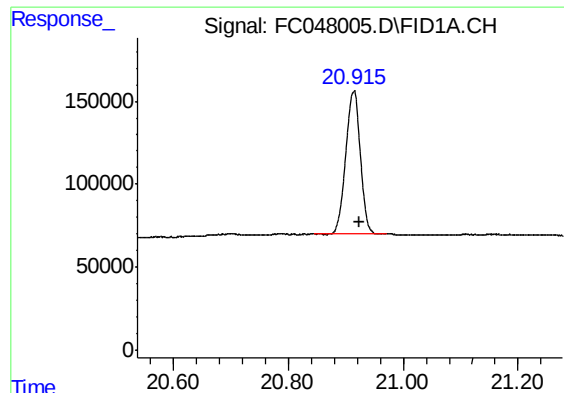
#19 n-Tetatriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1647103
Conc: 17.98 ug/ml



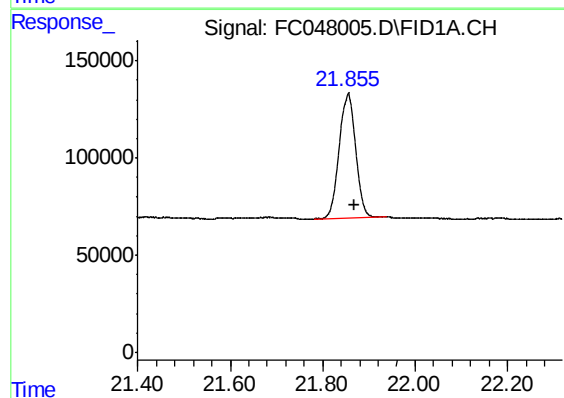
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: -0.005 min
Response: 1653454
Conc: 19.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: -0.008 min
Response: 1522445
Conc: 19.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.012 min
Response: 1587128
Conc: 20.07 ug/ml