

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081619AL\
 Data File : FC042938.D
 Signal(s) : FID1A.CH
 Acq On : 16 Aug 2019 4:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 16 07:23:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.675	2641167	18.593 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	13.096	2180512	18.370 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
Target Compounds			
1) T n-Nonane (C9)	3.489	2541633	20.496 ug/ml
2) T n-Decane (C10)	4.550	2613327	20.830 ug/ml
3) T A-Naphthalene (C11.7)	6.135	2790099	20.597 ug/ml
4) T n-Dodecane (C12)	6.551	2632637	20.757 ug/ml
5) T A~2-methylnaphthalene...	7.183	2785468	20.477 ug/ml
6) T n-Tetradecane (C14)	8.330	2619679	20.531 ug/ml
7) T n-Hexadecane (C16)	9.918	2599189	20.108 ug/ml
8) T n-Octadecane (C18)	11.351	2589467	19.571 ug/ml
10) T n-Eicosane (C20)	12.652	2559266	18.933 ug/ml
11) T n-Heneicosane (C21)	13.261	2515427	18.608 ug/ml
13) T n-Docosane (C22)	13.844	2494468	18.374 ug/ml
14) T n-Tetracosane (C24)	14.940	2398240	17.613 ug/ml
15) T n-Hexacosane (C26)	15.957	2325218	17.238 ug/ml
16) T n-Octacosane (C28)	16.902	2276456	17.107 ug/ml
17) T n-Tricontane (C30)	17.786	2202988	17.205 ug/ml
18) T n-Dotriacontane (C32)	18.615	2032267	17.429 ug/ml
19) T n-Tetratriacontane (C34)	19.393	1704123	17.738 ug/ml
20) T n-Hexatriacontane (C36)	20.130	1517226	18.290 ug/ml
21) T n-Octatriacontane (C38)	20.872	1431650	19.352 ug/ml
22) T n-Tetracontane (C40)	21.796	1438025	19.909 ug/ml

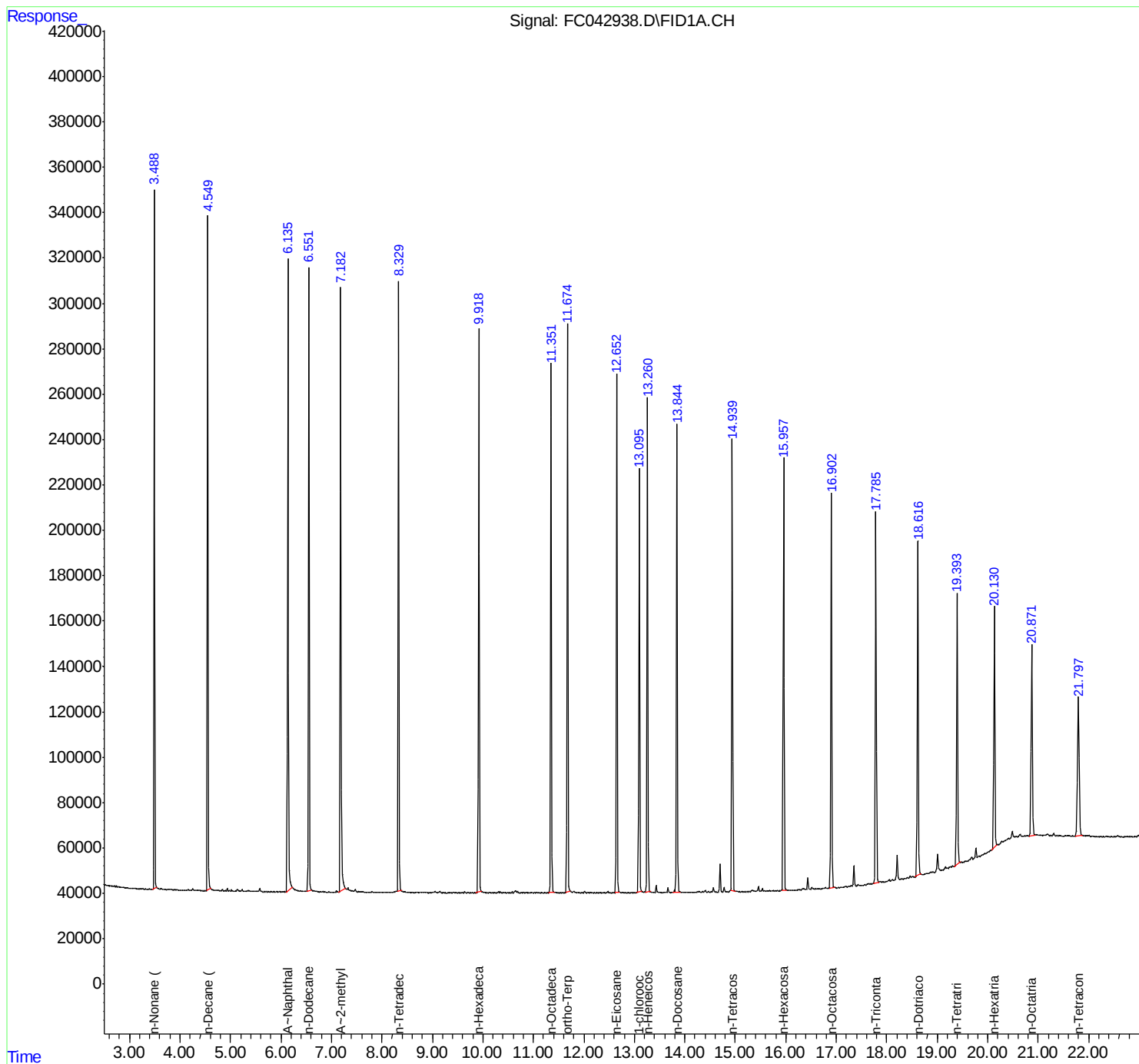
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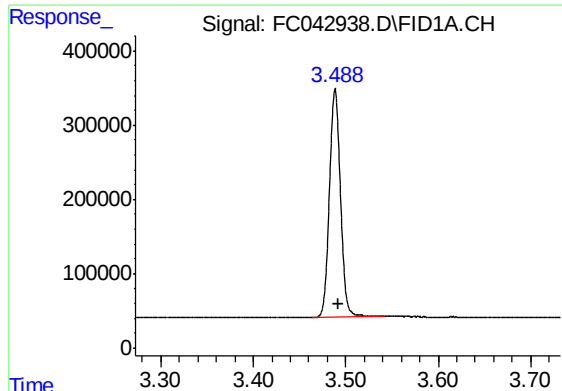
(m)=manual int.

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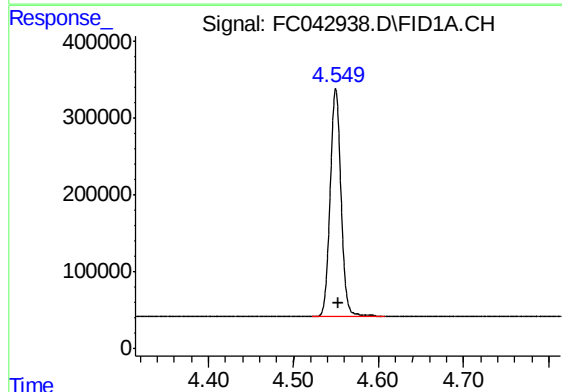
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Signal Info : 20M x 0.18mm x 0.18um





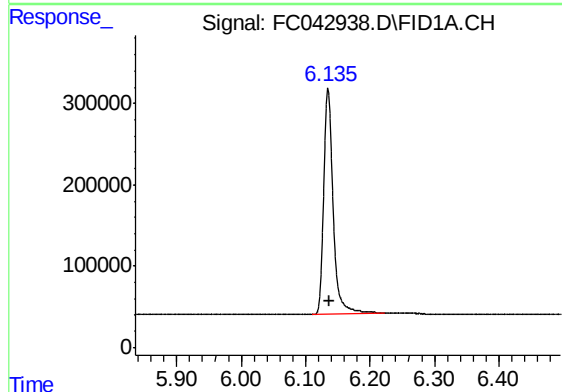
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.003 min
Response: 2541633
Conc: 20.50 ug/ml



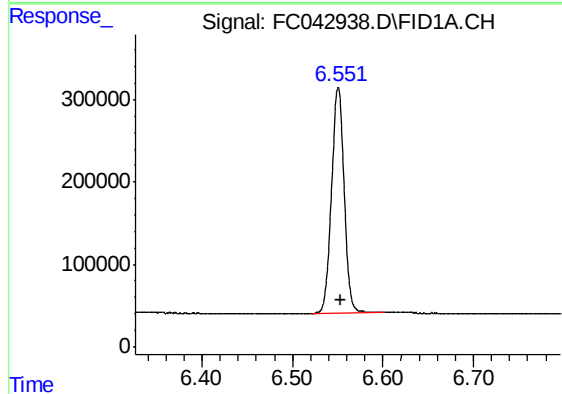
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 2613327
Conc: 20.83 ug/ml



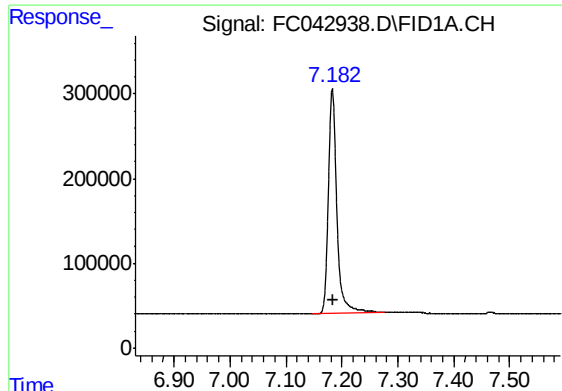
#3 A~Naphthalene (C11.7)

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 2790099
Conc: 20.60 ug/ml



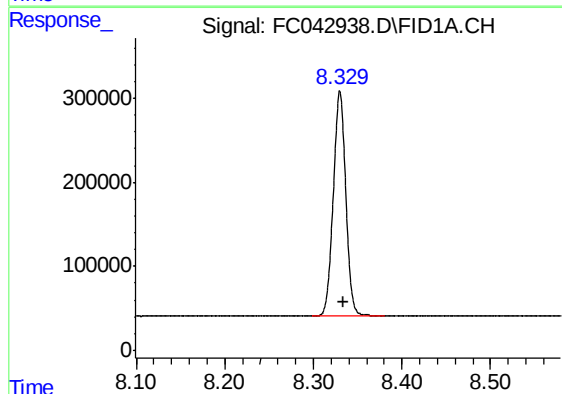
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 2632637
Conc: 20.76 ug/ml



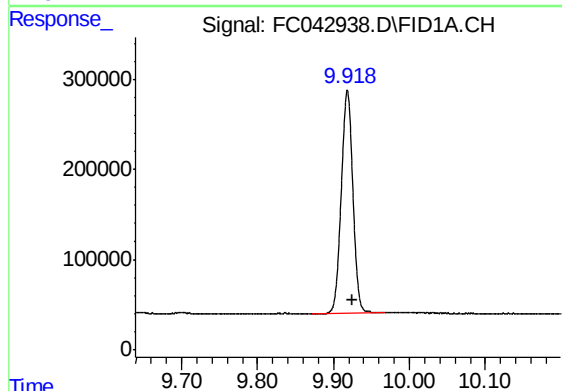
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 2785468
Conc: 20.48 ug/ml



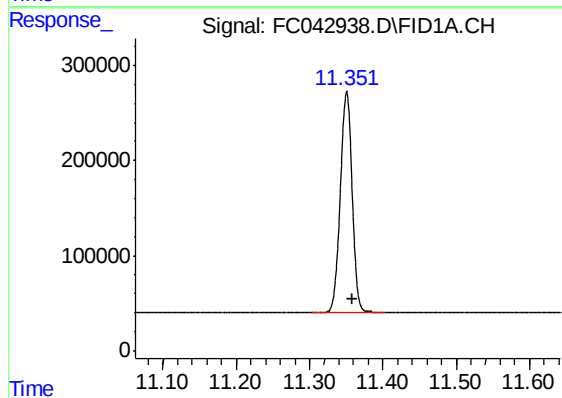
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 2619679
Conc: 20.53 ug/ml



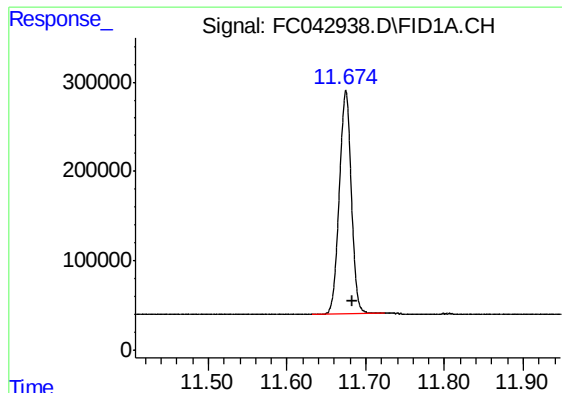
#7 n-Hexadecane (C16)

R.T.: 9.918 min
Delta R.T.: -0.006 min
Response: 2599189
Conc: 20.11 ug/ml



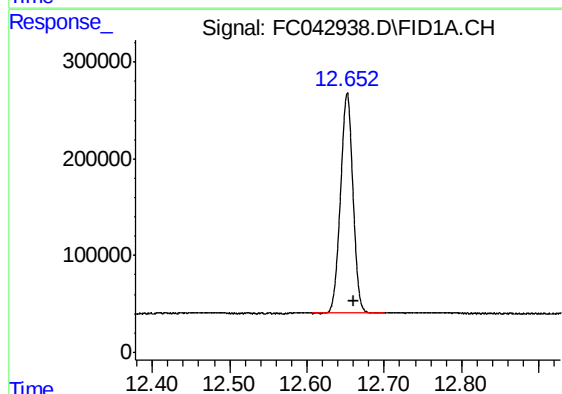
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.007 min
Response: 2589467
Conc: 19.57 ug/ml



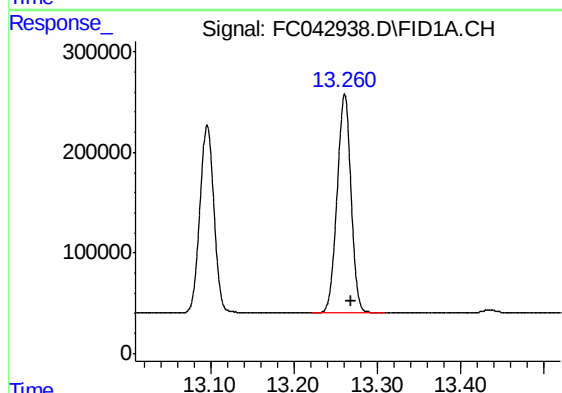
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.008 min
Response: 2641167
Conc: 18.59 ug/ml



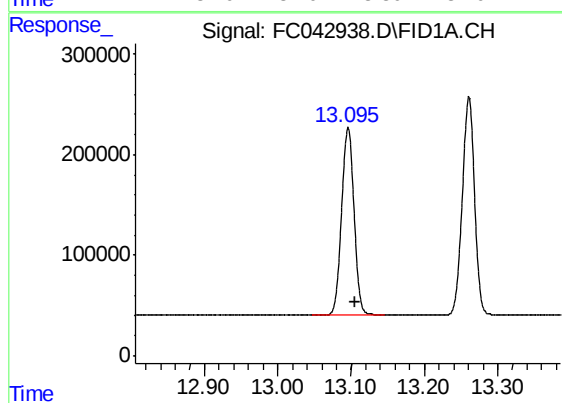
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.008 min
Response: 2559266
Conc: 18.93 ug/ml



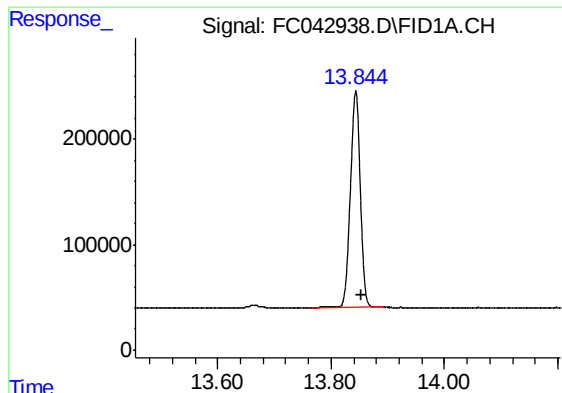
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.008 min
Response: 2515427
Conc: 18.61 ug/ml



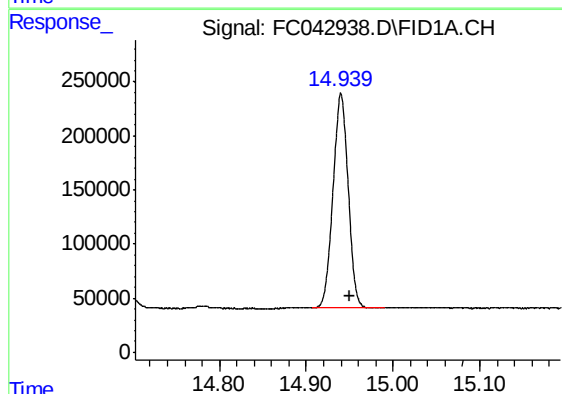
#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 2180512
Conc: 18.37 ug/ml



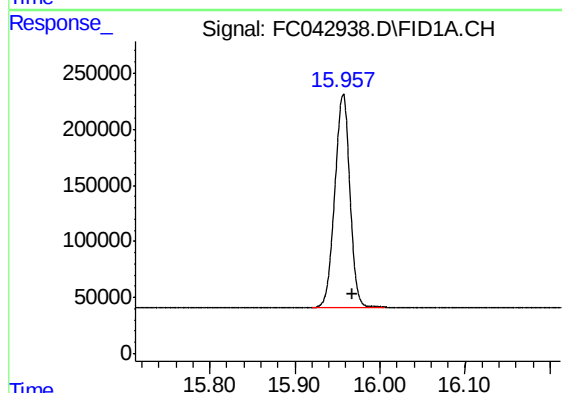
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.009 min
Response: 2494468
Conc: 18.37 ug/ml



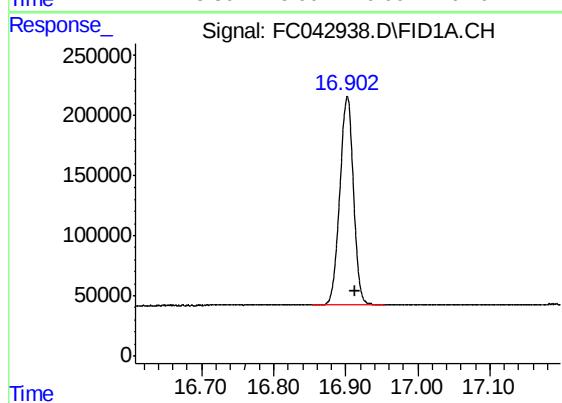
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.010 min
Response: 2398240
Conc: 17.61 ug/ml



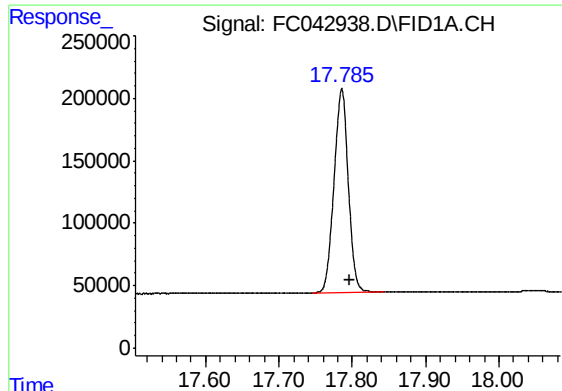
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.010 min
Response: 2325218
Conc: 17.24 ug/ml



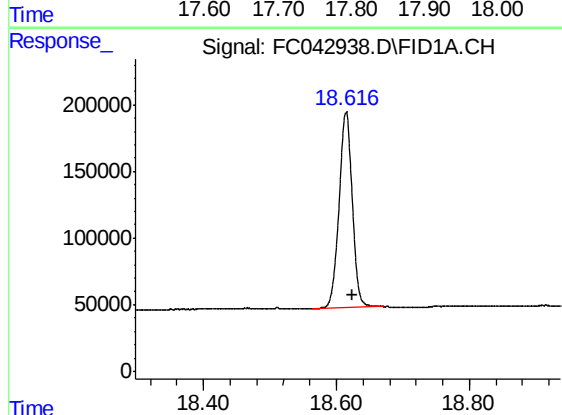
#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: -0.010 min
Response: 2276456
Conc: 17.11 ug/ml



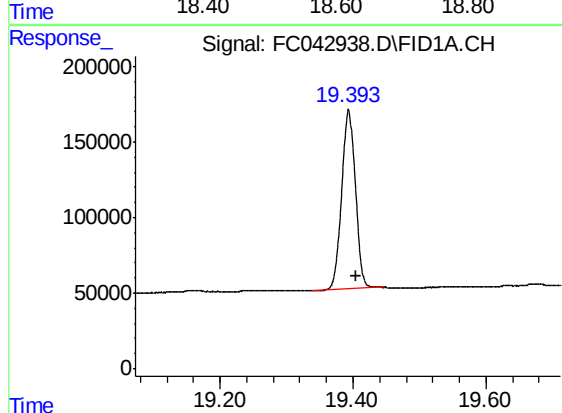
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.010 min
Response: 2202988
Conc: 17.20 ug/ml



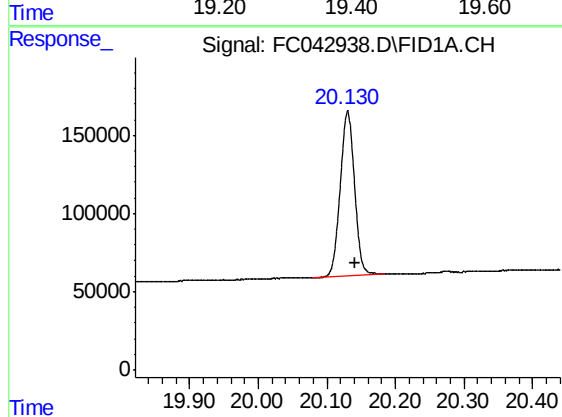
#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: -0.010 min
Response: 2032267
Conc: 17.43 ug/ml



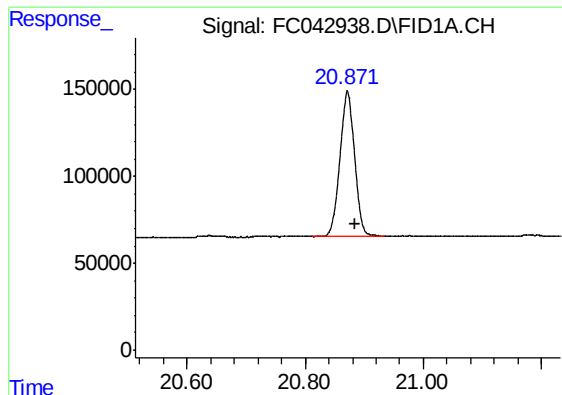
#19 n-Tetatriacontane (C34)

R.T.: 19.393 min
Delta R.T.: -0.011 min
Response: 1704123
Conc: 17.74 ug/ml



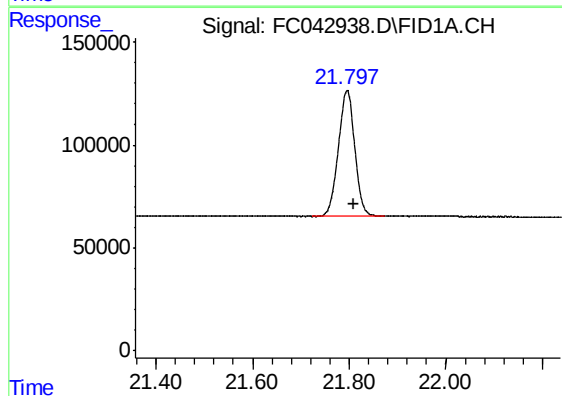
#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.011 min
Response: 1517226
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: -0.012 min
Response: 1431650
Conc: 19.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.014 min
Response: 1438025
Conc: 19.91 ug/ml