

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080619AL\
 Data File : FC042716.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2019 9:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 07 01:10:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.687	2731569	20.638 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	13.109	2222279	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.487	2663473	22.877 ug/ml
2) T n-Decane (C10)	4.551	2717438	23.032 ug/ml
3) T A~Naphthalene (C11.7)	6.139	2939200	22.642 ug/ml
4) T n-Dodecane (C12)	6.555	2727934	22.990 ug/ml
5) T A~2-methylnaphthalene...	7.188	2916542	22.446 ug/ml
6) T n-Tetradecane (C14)	8.338	2720896	22.869 ug/ml
7) T n-Hexadecane (C16)	9.928	2702679	22.509 ug/ml
8) T n-Octadecane (C18)	11.363	2666087	21.846 ug/ml
10) T n-Eicosane (C20)	12.665	2627939	21.072 ug/ml
11) T n-Heneicosane (C21)	13.274	2578554	20.599 ug/ml
13) T n-Docosane (C22)	13.857	2534059	20.204 ug/ml
14) T n-Tetracosane (C24)	14.956	2454323	19.375 ug/ml
15) T n-Hexacosane (C26)	15.972	2369956	18.743 ug/ml
16) T n-Octacosane (C28)	16.919	2325589	18.429 ug/ml
17) T n-Tricontane (C30)	17.802	2263973	18.468 ug/ml
18) T n-Dotriacontane (C32)	18.631	2108020	18.867 ug/ml
19) T n-Tetratriacontane (C34)	19.412	1802477	19.463 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1659586	20.824 ug/ml
21) T n-Octatriacontane (C38)	20.894	1625118	22.667 ug/ml
22) T n-Tetracontane (C40)	21.828	1591142	22.929 ug/ml

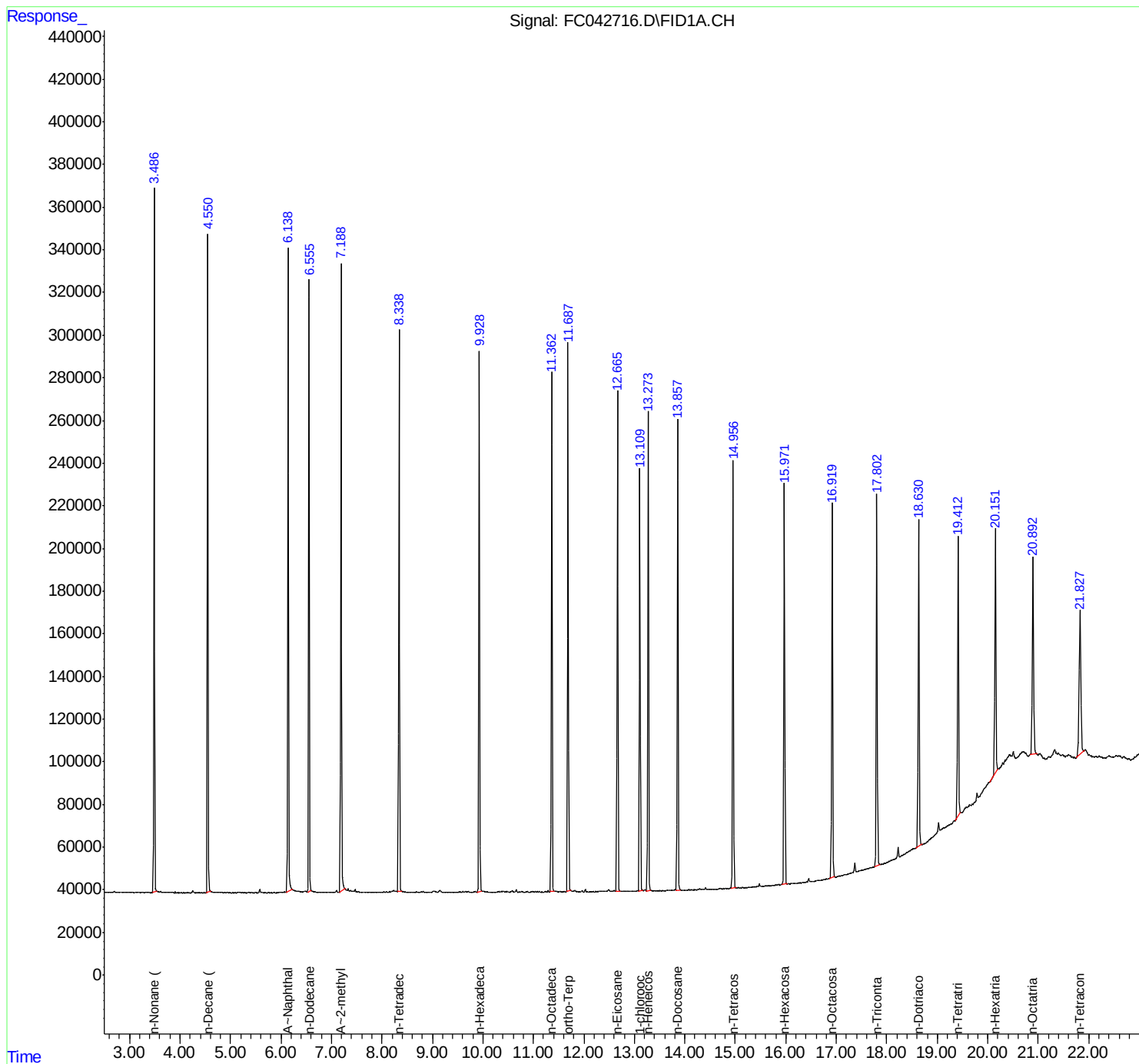
(f)=RT Delta > 1/2 Window

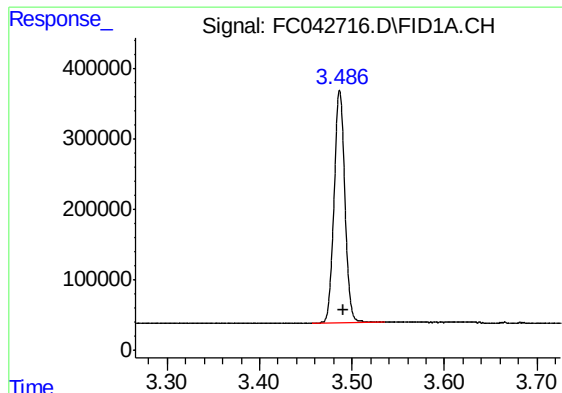
(m)=manual int.

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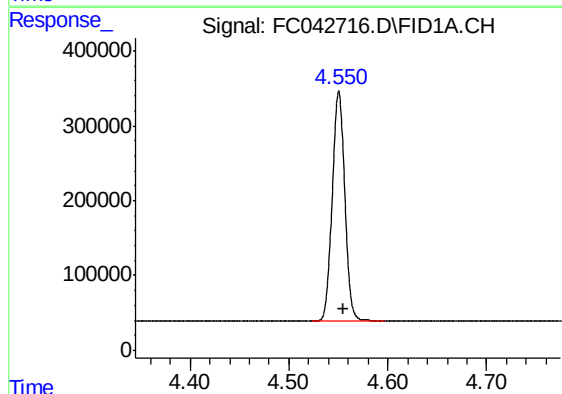
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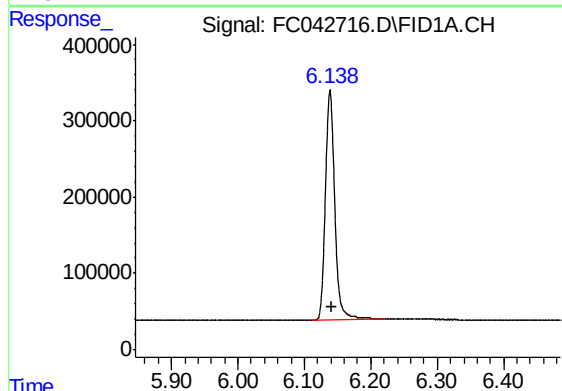
#1 n-Nonane (C9)

R.T.: 3.487 min
Delta R.T.: -0.004 min
Response: 2663473
Conc: 22.88 ug/ml



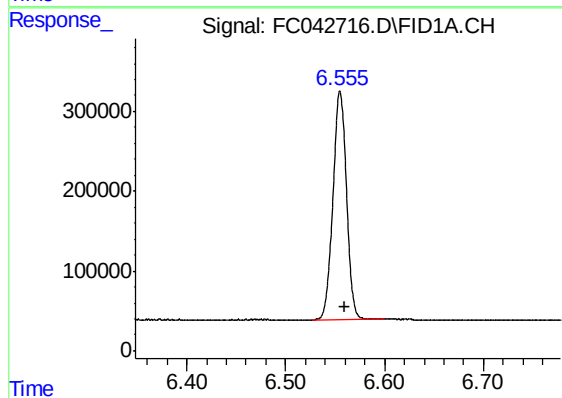
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.005 min
Response: 2717438
Conc: 23.03 ug/ml



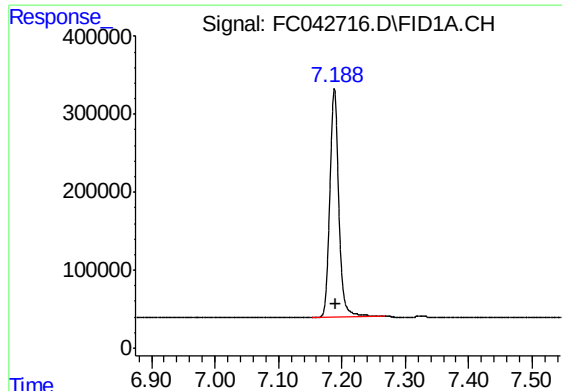
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.003 min
Response: 2939200
Conc: 22.64 ug/ml



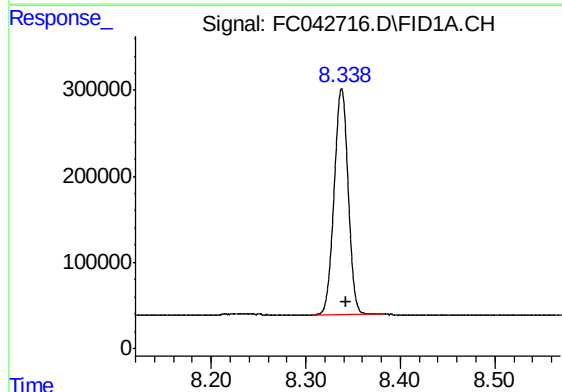
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 2727934
Conc: 22.99 ug/ml



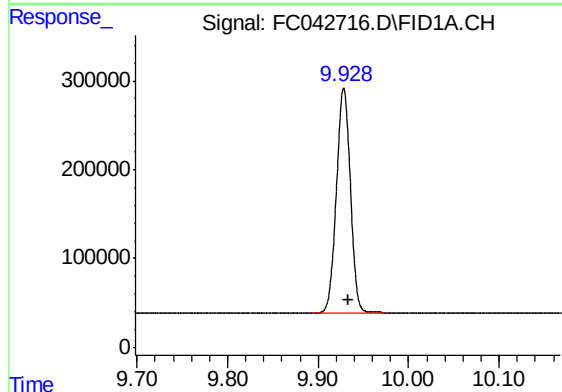
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 2916542
Conc: 22.45 ug/ml



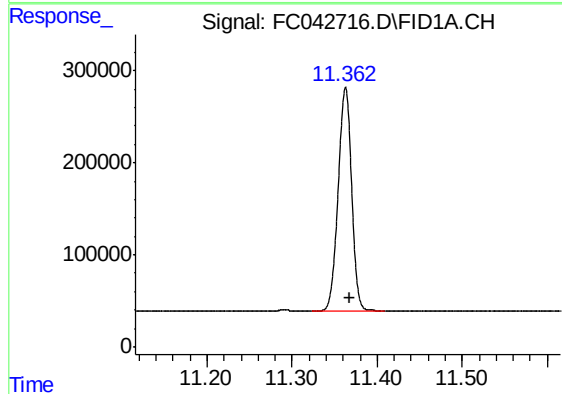
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 2720896
Conc: 22.87 ug/ml



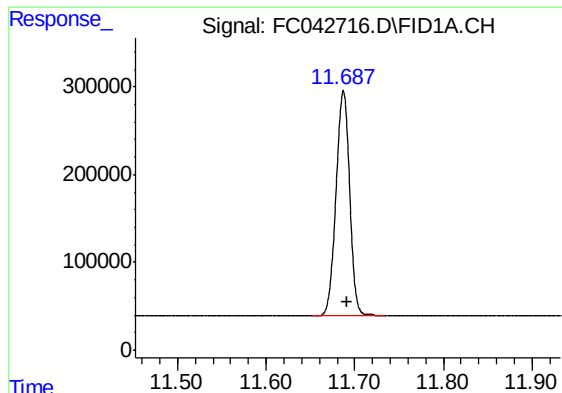
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.005 min
Response: 2702679
Conc: 22.51 ug/ml



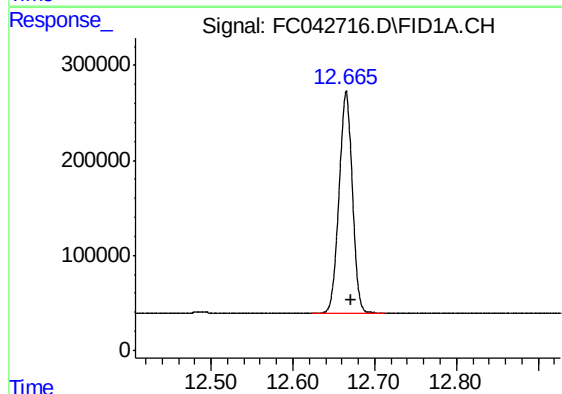
#8 n-Octadecane (C18)

R.T.: 11.363 min
Delta R.T.: -0.005 min
Response: 2666087
Conc: 21.85 ug/ml



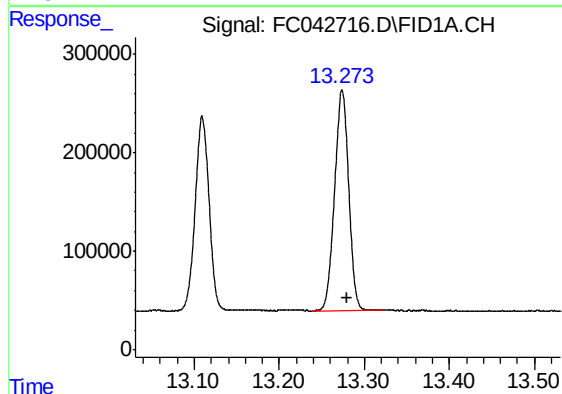
#9 ortho-Terphenyl (SURR)

R.T.: 11.687 min
Delta R.T.: -0.004 min
Response: 2731569
Conc: 20.64 ug/ml



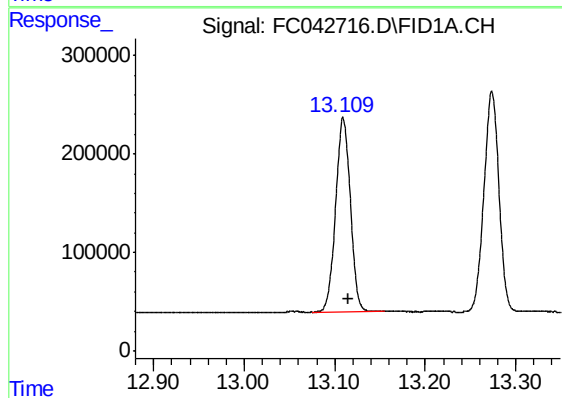
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2627939
Conc: 21.07 ug/ml



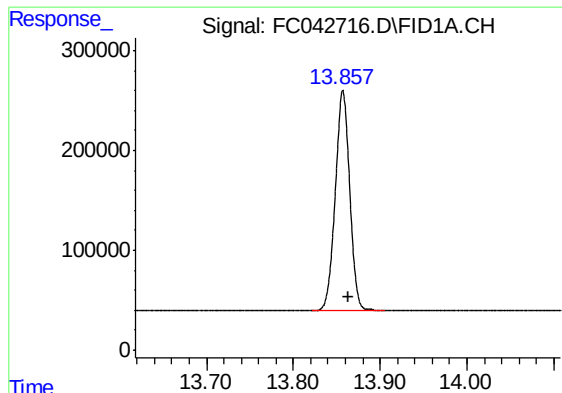
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.006 min
Response: 2578554
Conc: 20.60 ug/ml



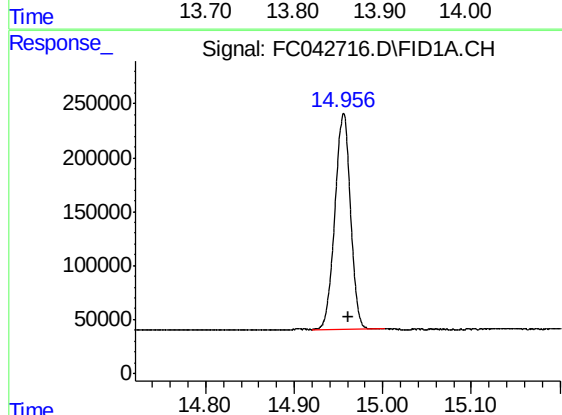
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 2222279
Conc: 20.27 ug/ml



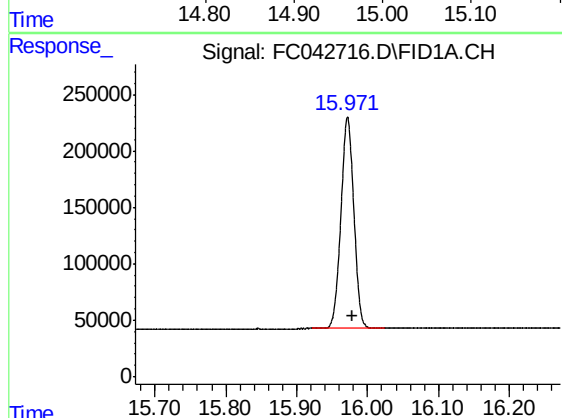
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: -0.007 min
Response: 2534059
Conc: 20.20 ug/ml



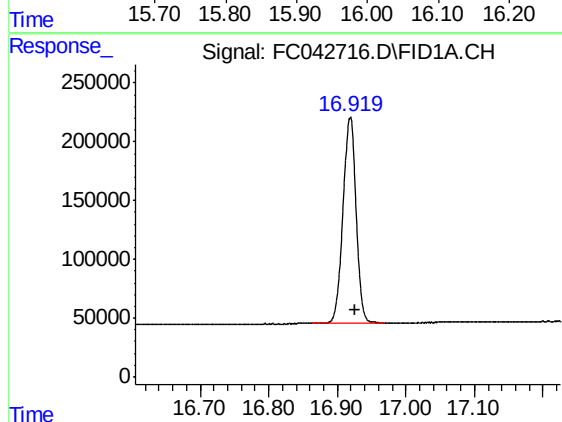
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 2454323
Conc: 19.38 ug/ml



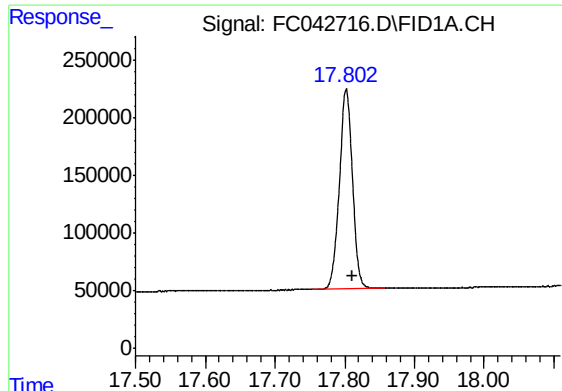
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: -0.007 min
Response: 2369956
Conc: 18.74 ug/ml



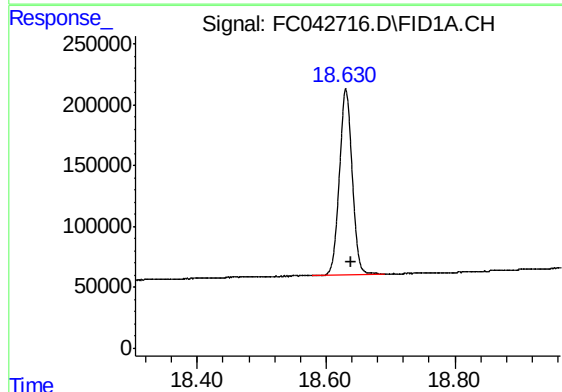
#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: -0.007 min
Response: 2325589
Conc: 18.43 ug/ml



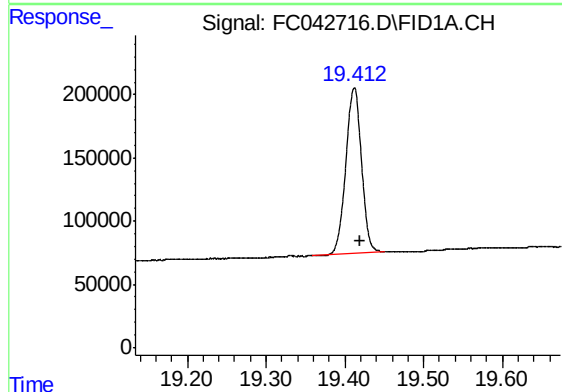
#17 n-Tricontane (C30)

R.T.: 17.802 min
Delta R.T.: -0.009 min
Response: 2263973
Conc: 18.47 ug/ml



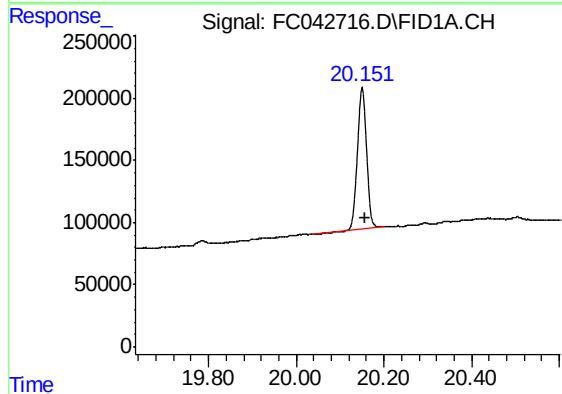
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.008 min
Response: 2108020
Conc: 18.87 ug/ml



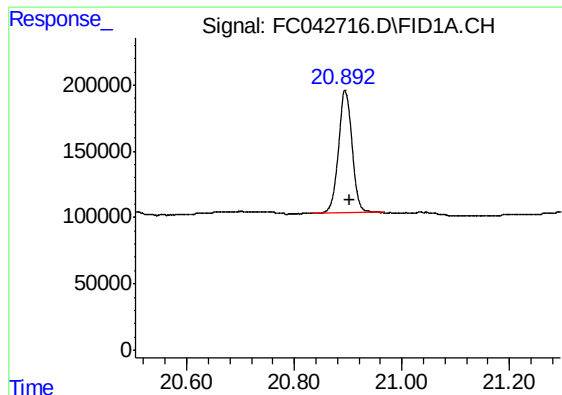
#19 n-Tetatriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.008 min
Response: 1802477
Conc: 19.46 ug/ml



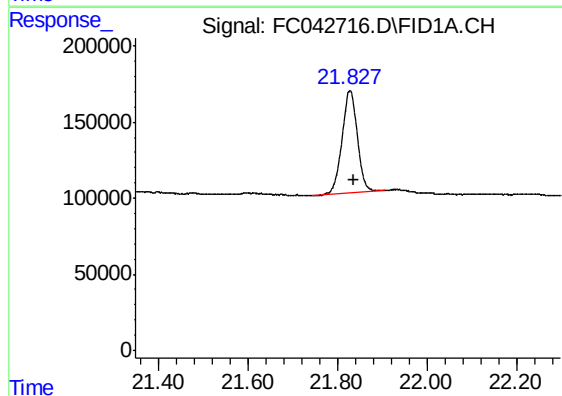
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.007 min
Response: 1659586
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.894 min
Delta R.T.: -0.011 min
Response: 1625118
Conc: 22.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.828 min
Delta R.T.: -0.010 min
Response: 1591142
Conc: 22.93 ug/ml