

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110119AL\
 Data File : FC044329.D
 Signal(s) : FID1A.CH
 Acq On : 01 Nov 2019 20:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 01 22:44:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.715	2271382	15.583 ug/ml
Spiked Amount 50.000		Recovery =	31.17%
12) S 1-chlorooctadecane (S...	13.147	1701749	15.220 ug/ml
Spiked Amount 50.000		Recovery =	30.44%
Target Compounds			
1) T n-Nonane (C9)	3.447	2182116	19.809 ug/ml
2) T n-Decane (C10)	4.522	2205042	19.853 ug/ml
3) T A-Naphthalene (C11.7)	6.121	2447744	19.673 ug/ml
4) T n-Dodecane (C12)	6.547	2221265	19.751 ug/ml
5) T A~2-methylnaphthalene...	7.180	2453518	19.456 ug/ml
6) T n-Tetradecane (C14)	8.344	2203603	19.478 ug/ml
7) T n-Hexadecane (C16)	9.946	2170850	18.999 ug/ml
8) T n-Octadecane (C18)	11.389	2115962	18.481 ug/ml
10) T n-Eicosane (C20)	12.700	2037716	17.867 ug/ml
11) T n-Heneicosane (C21)	13.313	2011693	17.539 ug/ml
13) T n-Docosane (C22)	13.899	1963518	17.291 ug/ml
14) T n-Tetracosane (C24)	15.005	1890848	16.721 ug/ml
15) T n-Hexacosane (C26)	16.025	1820735	16.456 ug/ml
16) T n-Octacosane (C28)	16.977	1778973	16.422 ug/ml
17) T n-Tricontane (C30)	17.865	1778078	16.801 ug/ml
18) T n-Dotriacontane (C32)	18.701	1761651	17.492 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1746316	18.624 ug/ml
20) T n-Hexatriacontane (C36)	20.226	1706179	19.654 ug/ml
21) T n-Octatriacontane (C38)	20.996	1655984	20.536 ug/ml
22) T n-Tetracontane (C40)	21.968	1687604	19.965 ug/ml

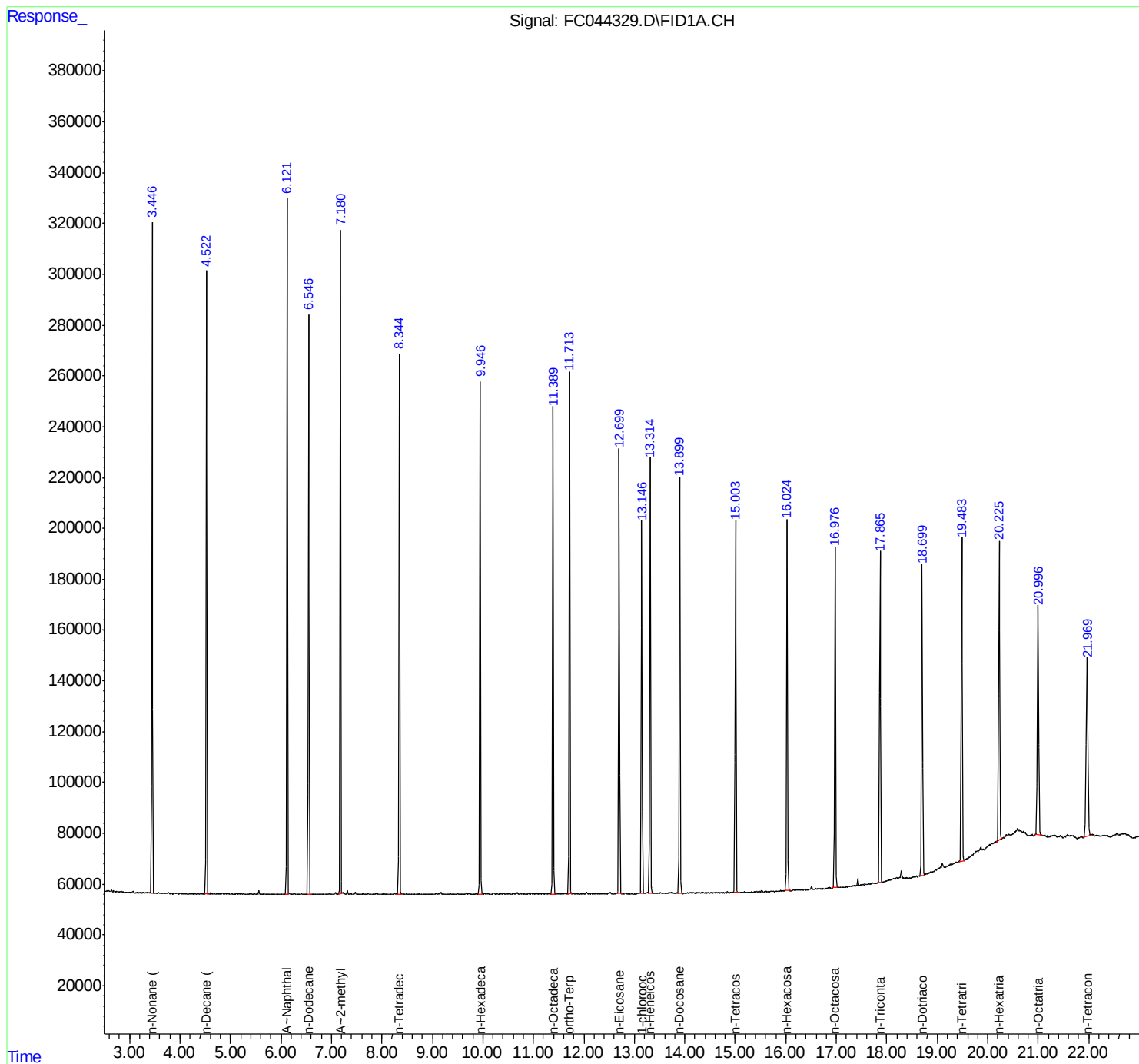
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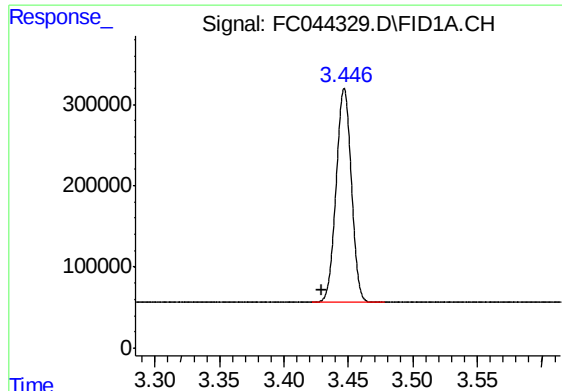
(m)=manual int.

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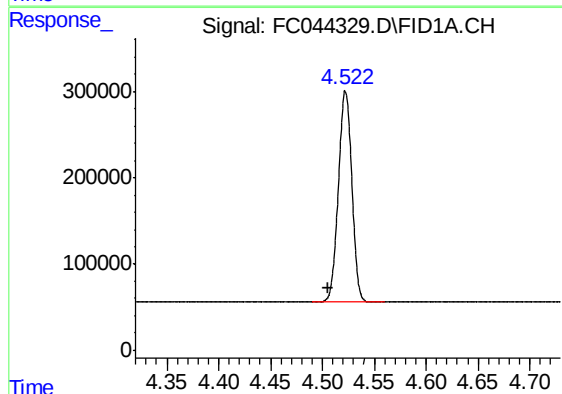
Volume Inj. : 1 ul
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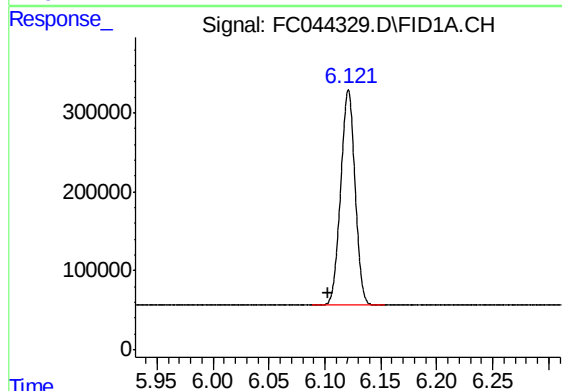
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.018 min
Response: 2182116
Conc: 19.81 ug/ml



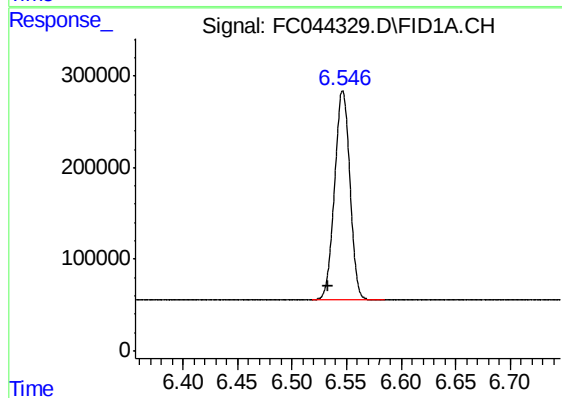
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.017 min
Response: 2205042
Conc: 19.85 ug/ml



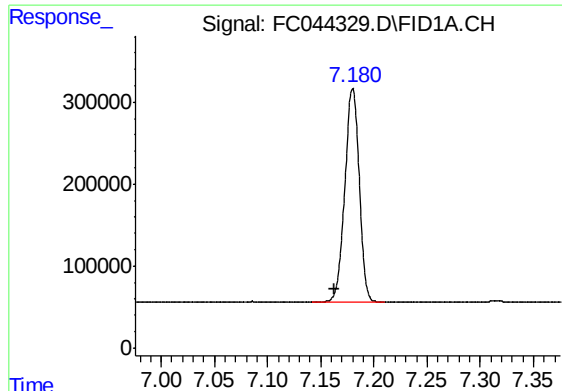
#3 A~Naphthalene (C11.7)

R.T.: 6.121 min
Delta R.T.: 0.019 min
Response: 2447744
Conc: 19.67 ug/ml



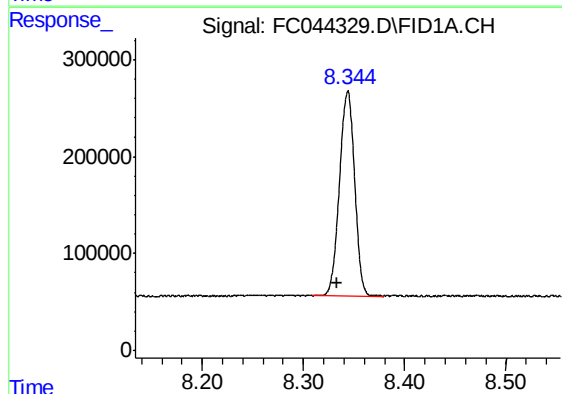
#4 n-Dodecane (C12)

R.T.: 6.547 min
Delta R.T.: 0.013 min
Response: 2221265
Conc: 19.75 ug/ml



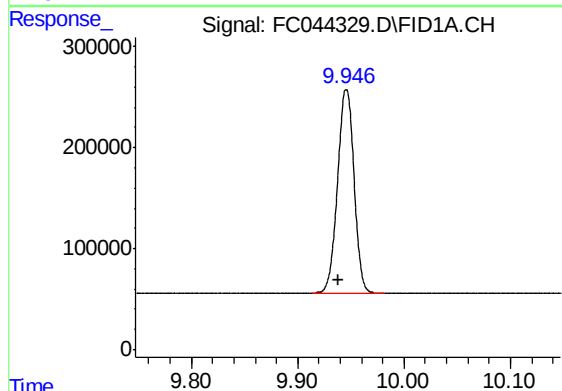
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.180 min
Delta R.T.: 0.017 min
Response: 2453518
Conc: 19.46 ug/ml



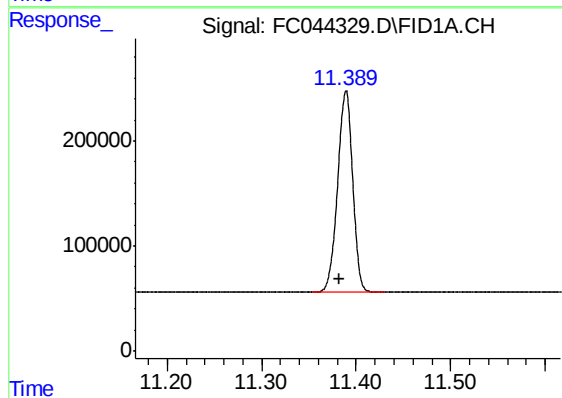
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: 0.011 min
Response: 2203603
Conc: 19.48 ug/ml



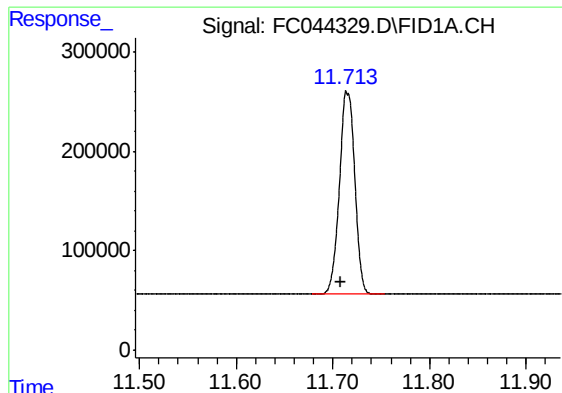
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.008 min
Response: 2170850
Conc: 19.00 ug/ml



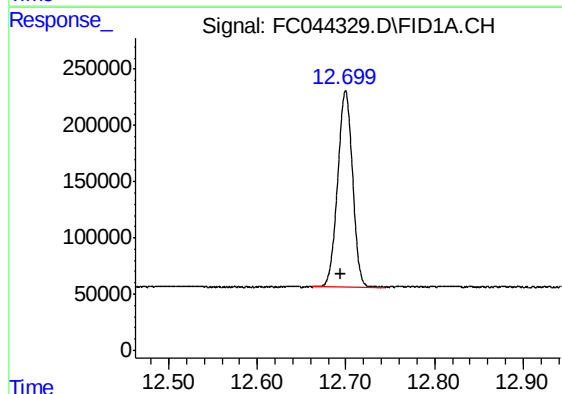
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.007 min
Response: 2115962
Conc: 18.48 ug/ml



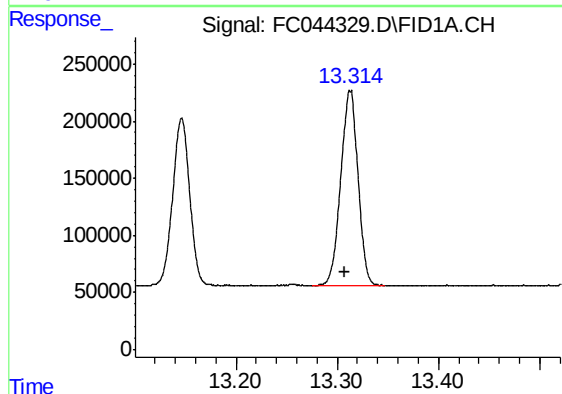
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min
Delta R.T.: 0.006 min
Response: 2271382
Conc: 15.58 ug/ml



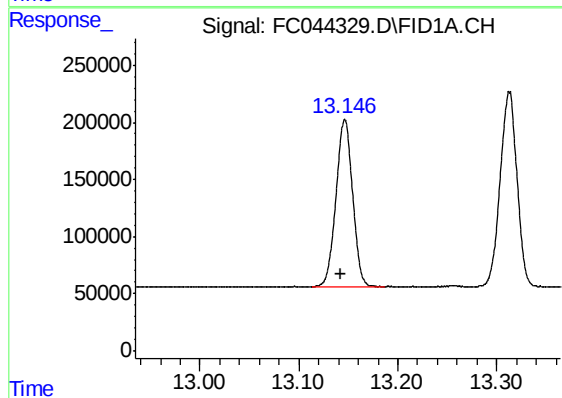
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: 0.005 min
Response: 2037716
Conc: 17.87 ug/ml



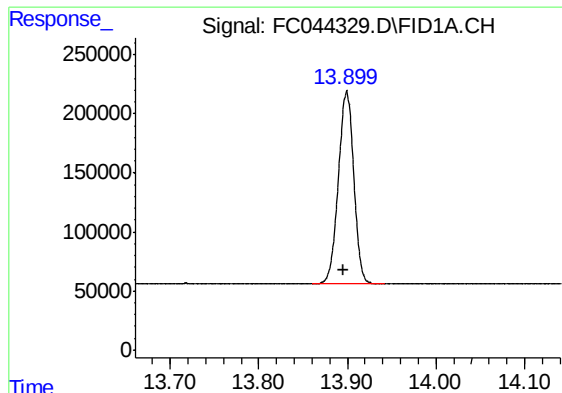
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: 0.005 min
Response: 2011693
Conc: 17.54 ug/ml



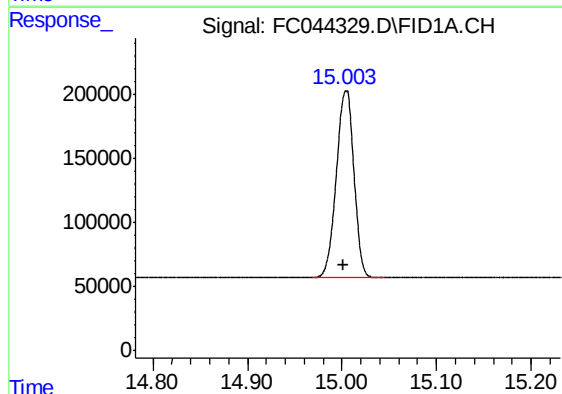
#12 1-chlorooctadecane (SURR)

R.T.: 13.147 min
Delta R.T.: 0.004 min
Response: 1701749
Conc: 15.22 ug/ml



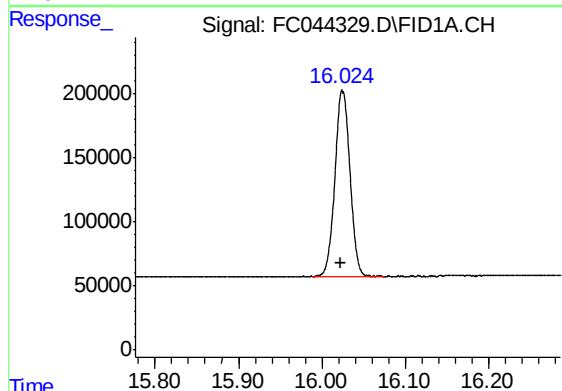
#13 n-Docosane (C22)

R.T.: 13.899 min
Delta R.T.: 0.004 min
Response: 1963518
Conc: 17.29 ug/ml



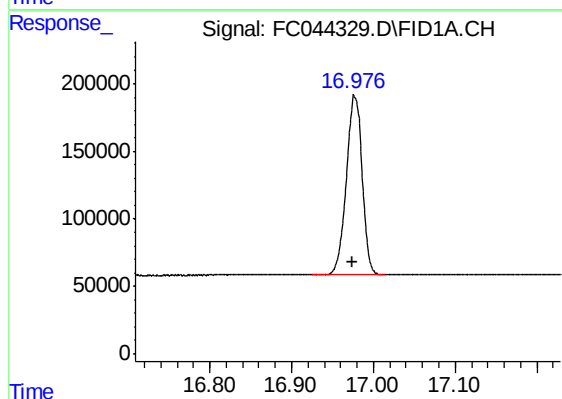
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 1890848
Conc: 16.72 ug/ml



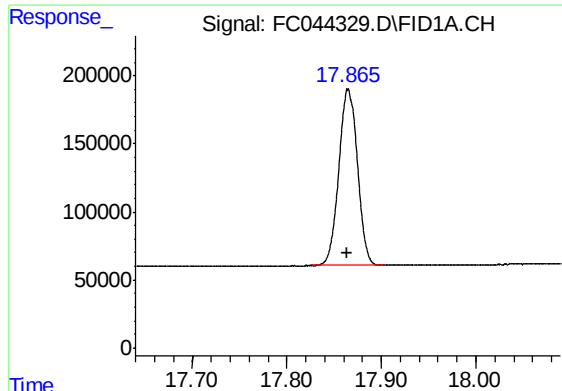
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.001 min
Response: 1820735
Conc: 16.46 ug/ml



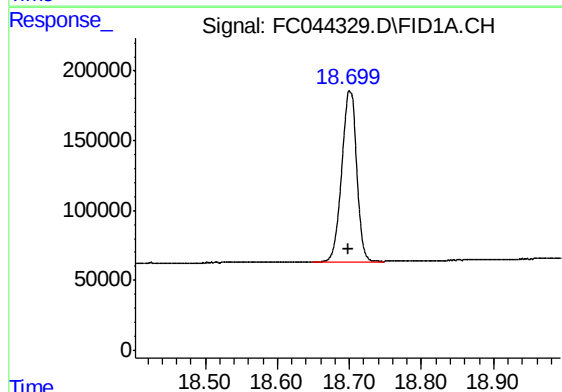
#16 n-Octacosane (C28)

R.T.: 16.977 min
Delta R.T.: 0.003 min
Response: 1778973
Conc: 16.42 ug/ml



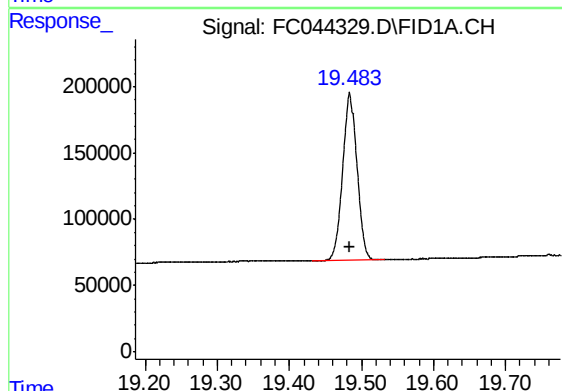
#17 n-Tricontane (C30)

R.T.: 17.865 min
Delta R.T.: 0.000 min
Response: 1778078
Conc: 16.80 ug/ml



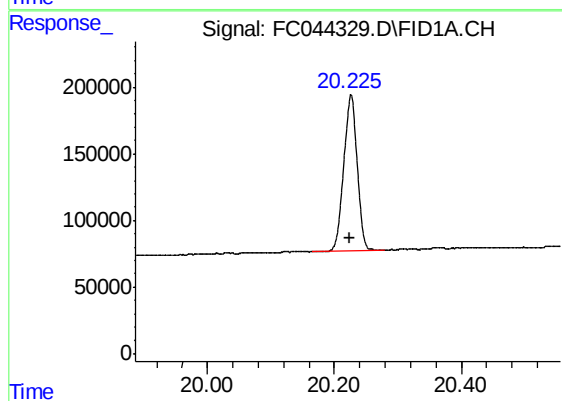
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: 0.002 min
Response: 1761651
Conc: 17.49 ug/ml



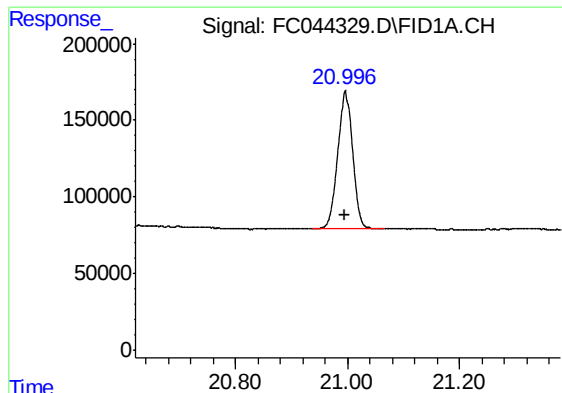
#19 n-Tetatriacontane (C34)

R.T.: 19.484 min
Delta R.T.: 0.000 min
Response: 1746316
Conc: 18.62 ug/ml



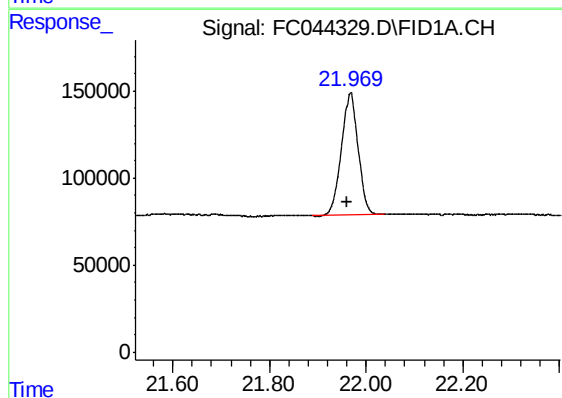
#20 n-Hexatriacontane (C36)

R.T.: 20.226 min
Delta R.T.: 0.003 min
Response: 1706179
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.002 min
Response: 1655984
Conc: 20.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.007 min
Response: 1687604
Conc: 19.97 ug/ml