

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111519AL\
 Data File : FC044566.D
 Signal(s) : FID1A.CH
 Acq On : 15 Nov 2019 12:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 15 23:05:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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	2452037	16.822 ug/ml
Spiked Amount 50.000		Recovery =	33.64%
12) S 1-chlorooctadecane (S...	13.144	1832698	16.391 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
Target Compounds			
1) T n-Nonane (C9)	3.451	2410675	21.884 ug/ml
2) T n-Decane (C10)	4.526	2410123	21.699 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2655258	21.341 ug/ml
4) T n-Dodecane (C12)	6.551	2410902	21.437 ug/ml
5) T A~2-methylnaphthalene...	7.185	2651420	21.026 ug/ml
6) T n-Tetradecane (C14)	8.346	2383813	21.070 ug/ml
7) T n-Hexadecane (C16)	9.946	2346506	20.536 ug/ml
8) T n-Octadecane (C18)	11.389	2281621	19.928 ug/ml
10) T n-Eicosane (C20)	12.697	2205296	19.337 ug/ml
11) T n-Heneicosane (C21)	13.310	2173137	18.946 ug/ml
13) T n-Docosane (C22)	13.896	2125302	18.716 ug/ml
14) T n-Tetracosane (C24)	14.999	2065642	18.267 ug/ml
15) T n-Hexacosane (C26)	16.020	1986635	17.956 ug/ml
16) T n-Octacosane (C28)	16.967	1957932	18.074 ug/ml
17) T n-Tricontane (C30)	17.857	1968908	18.604 ug/ml
18) T n-Dotriacontane (C32)	18.688	1950927	19.372 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1946496	20.759 ug/ml
20) T n-Hexatriacontane (C36)	20.212	1919204	22.108 ug/ml
21) T n-Octatriacontane (C38)	20.978	1828429	22.674 ug/ml
22) T n-Tetracontane (C40)	21.942	1881392	22.258 ug/ml

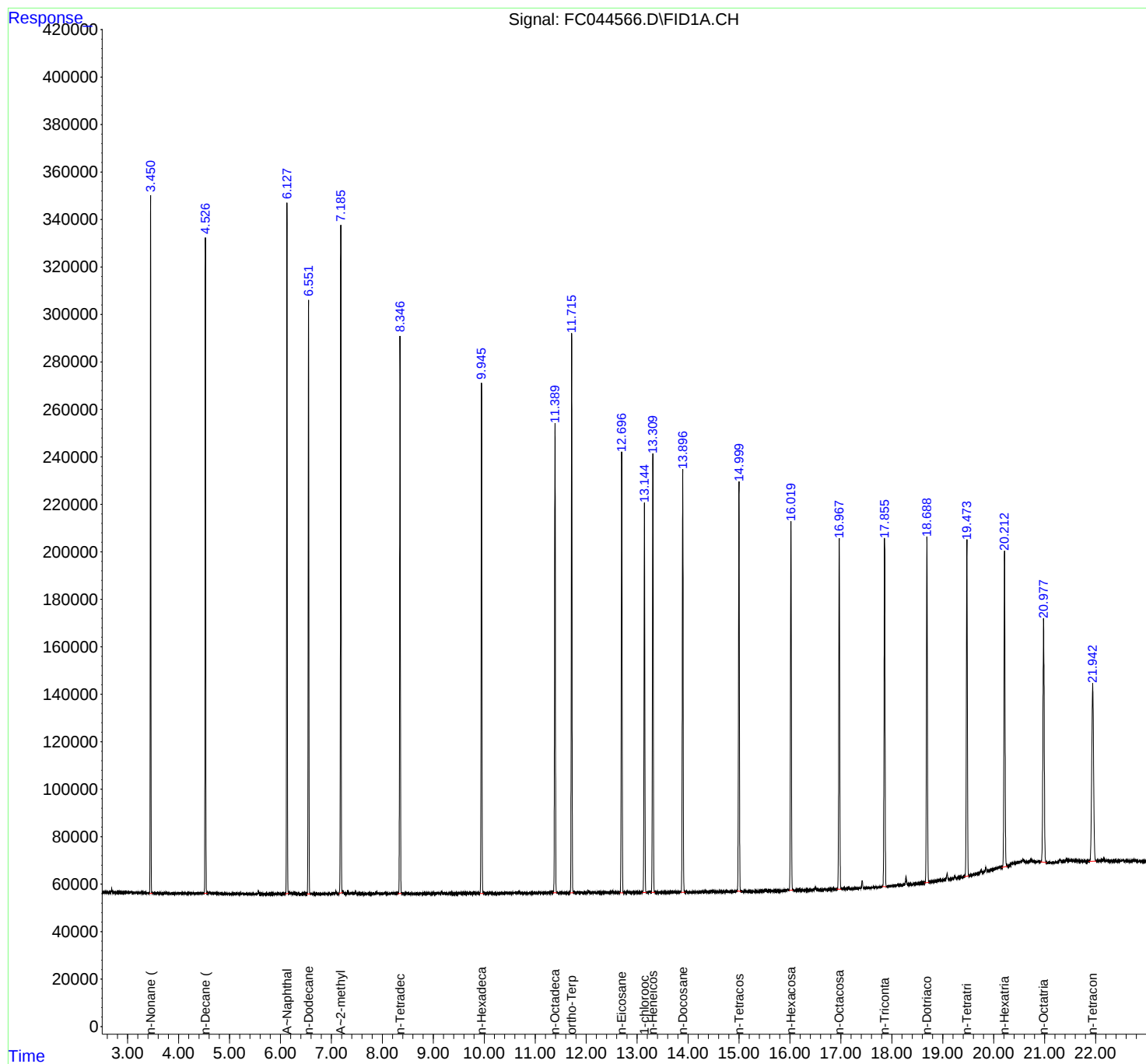
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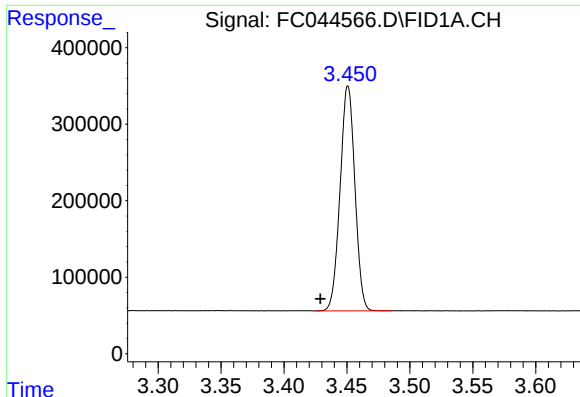
(m)=manual int.

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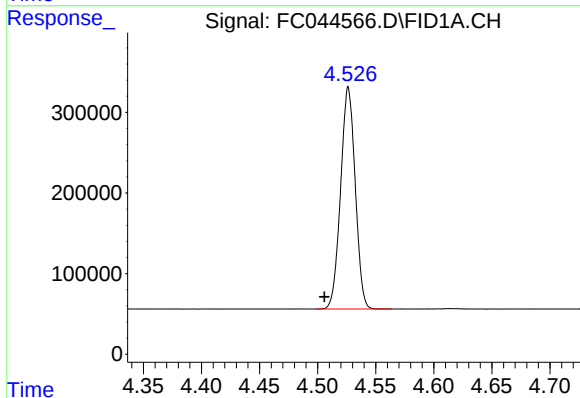
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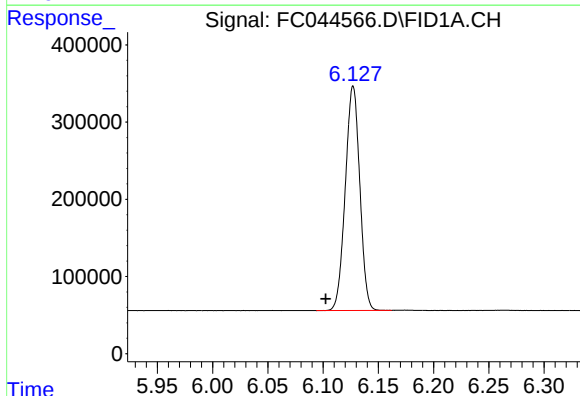
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.022 min
Response: 2410675
Conc: 21.88 ug/ml



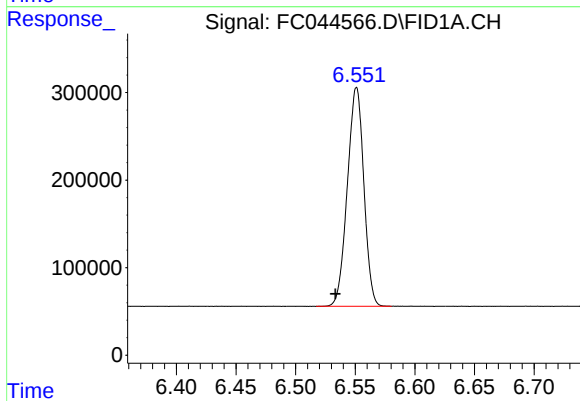
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.021 min
Response: 2410123
Conc: 21.70 ug/ml



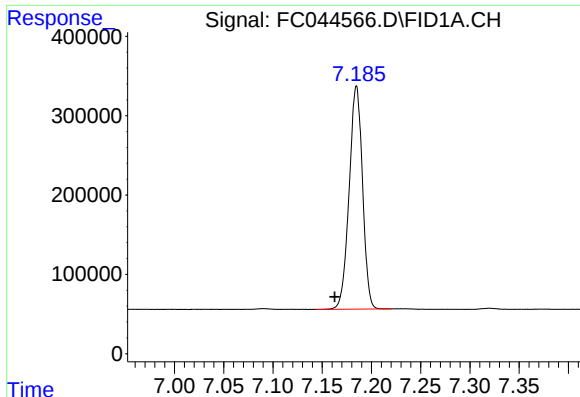
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.025 min
Response: 2655258
Conc: 21.34 ug/ml



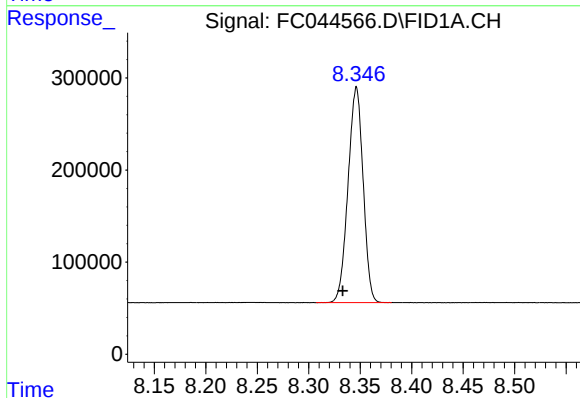
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2410902
Conc: 21.44 ug/ml



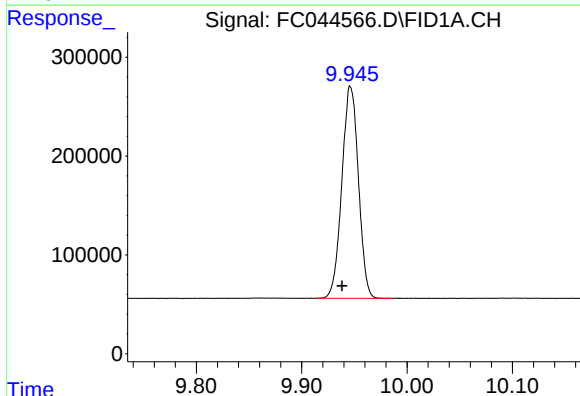
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.022 min
Response: 2651420
Conc: 21.03 ug/ml



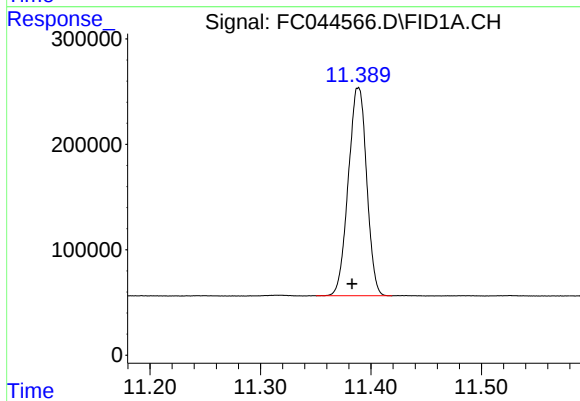
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: 0.013 min
Response: 2383813
Conc: 21.07 ug/ml



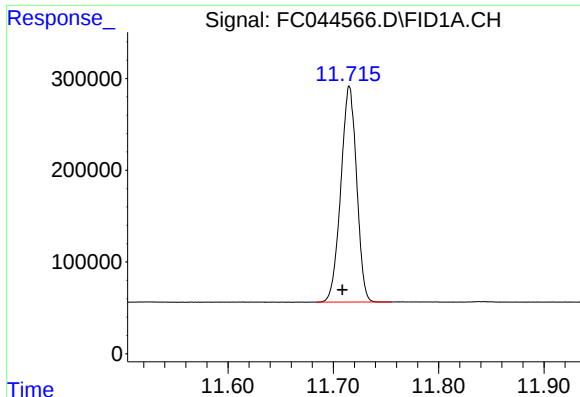
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.008 min
Response: 2346506
Conc: 20.54 ug/ml



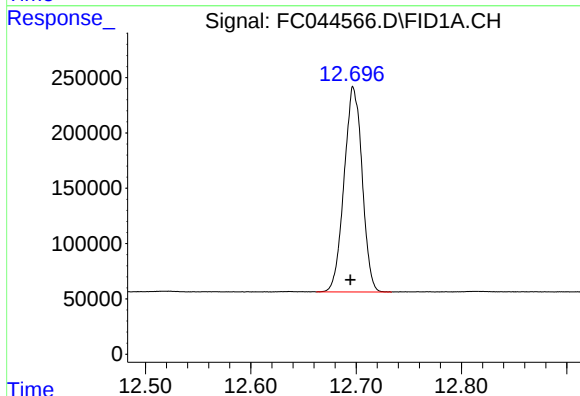
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2281621
Conc: 19.93 ug/ml



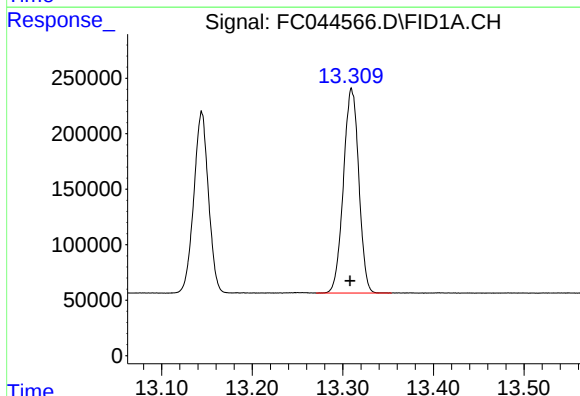
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min
Delta R.T.: 0.007 min
Response: 2452037
Conc: 16.82 ug/ml



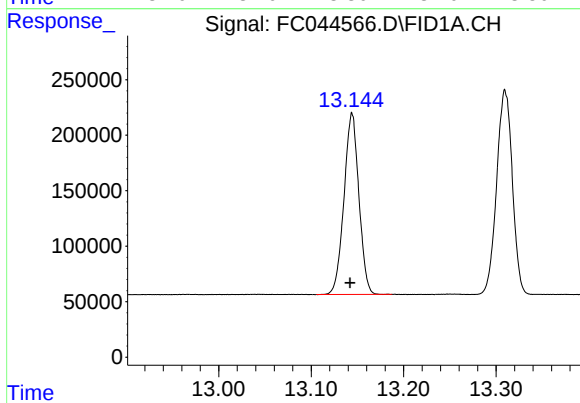
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.003 min
Response: 2205296
Conc: 19.34 ug/ml



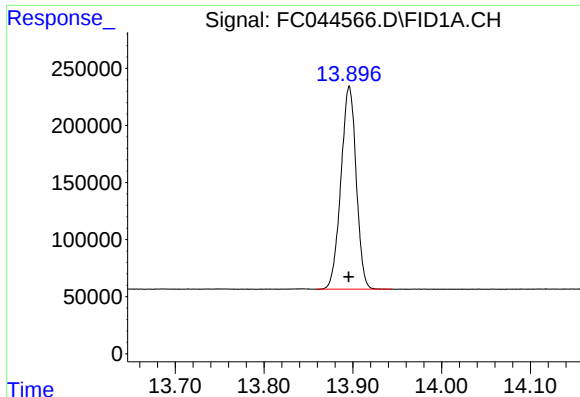
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.002 min
Response: 2173137
Conc: 18.95 ug/ml



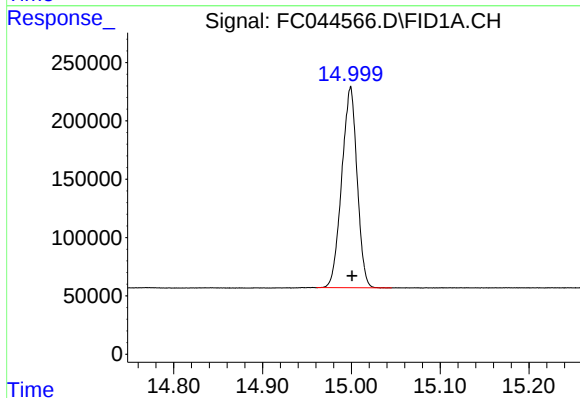
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: 0.002 min
Response: 1832698
Conc: 16.39 ug/ml



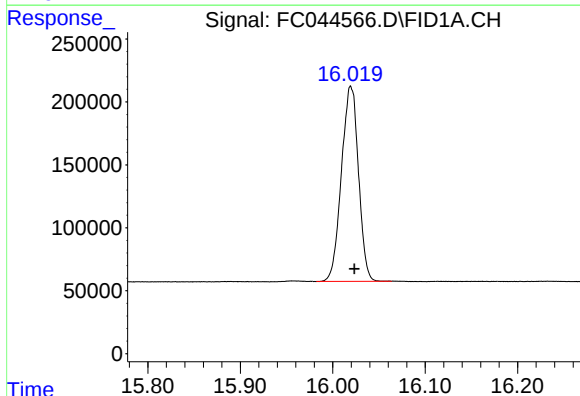
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 2125302
Conc: 18.72 ug/ml



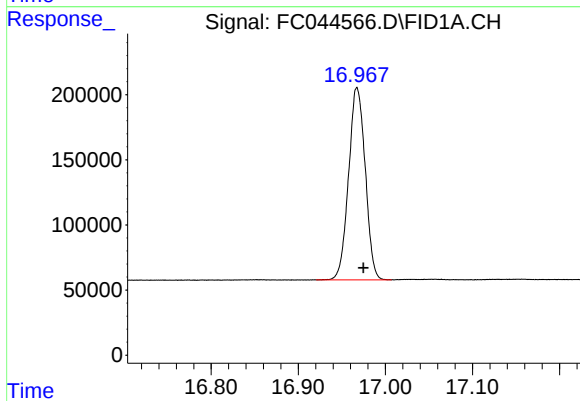
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.002 min
Response: 2065642
Conc: 18.27 ug/ml



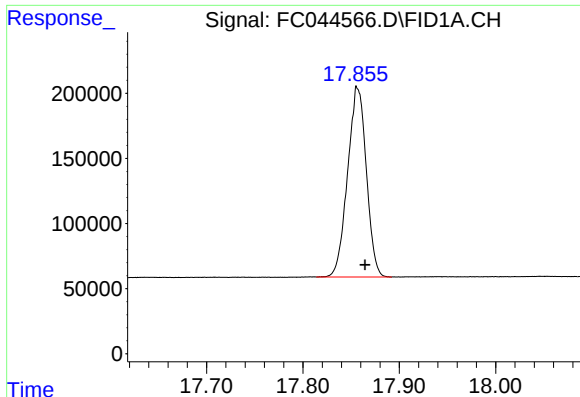
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.004 min
Response: 1986635
Conc: 17.96 ug/ml



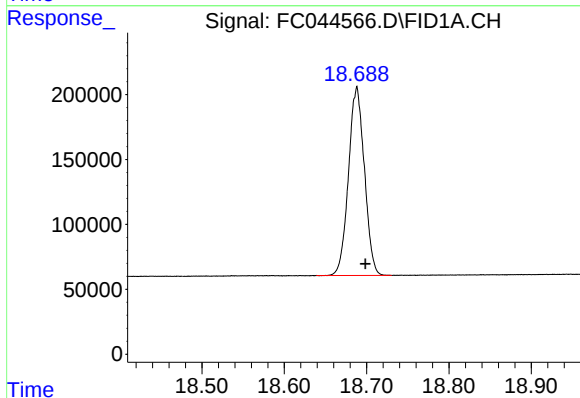
#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: -0.007 min
Response: 1957932
Conc: 18.07 ug/ml



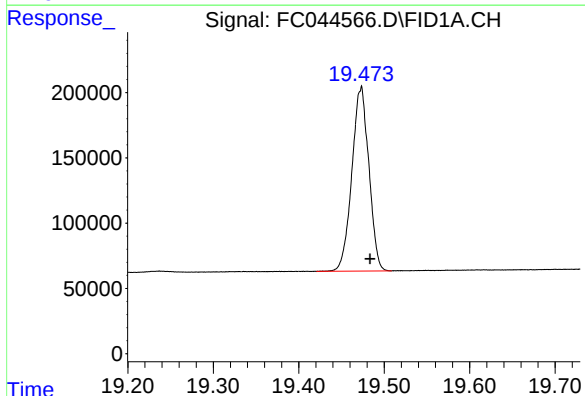
#17 n-Tricontane (C30)

R.T.: 17.857 min
Delta R.T.: -0.008 min
Response: 1968908
Conc: 18.60 ug/ml



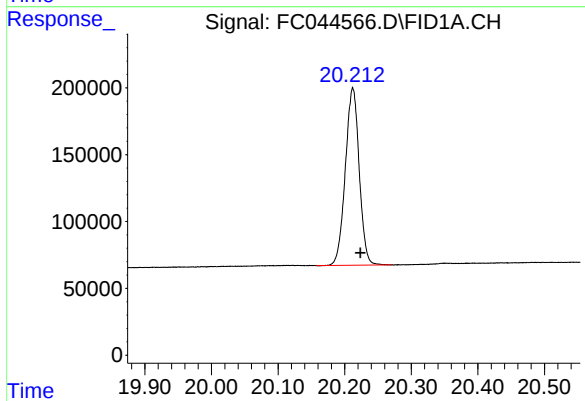
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: -0.010 min
Response: 1950927
Conc: 19.37 ug/ml



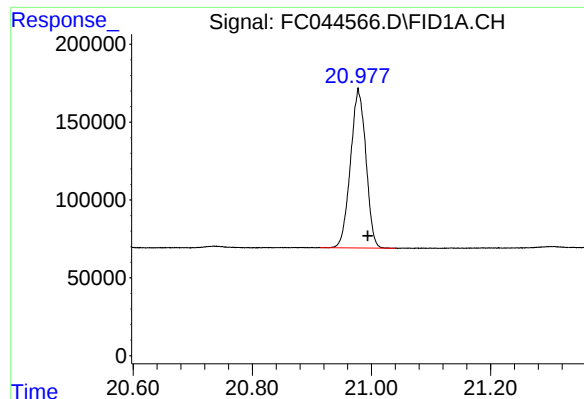
#19 n-Tetratriacontane (C34)

R.T.: 19.473 min
Delta R.T.: -0.011 min
Response: 1946496
Conc: 20.76 ug/ml



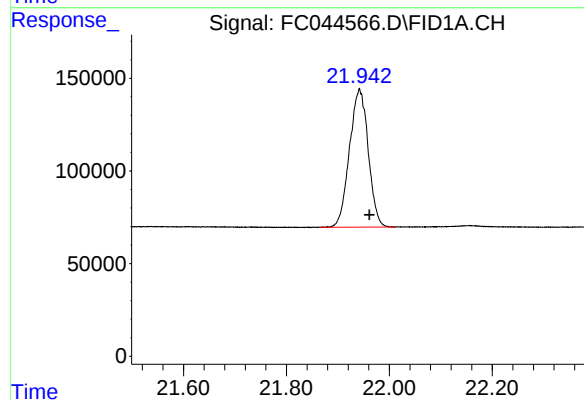
#20 n-Hexatriacontane (C36)

R.T.: 20.212 min
Delta R.T.: -0.011 min
Response: 1919204
Conc: 22.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.978 min
Delta R.T.: -0.016 min
Response: 1828429
Conc: 22.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.019 min
Response: 1881392
Conc: 22.26 ug/ml