

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043897.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2019 3:08
 Operator : DD\AJ
 Sample : 20 PPM ALPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 07:55:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.569	3000864	19.771 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	12.990	2280119	19.232 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.422	2777949	22.976 ug/ml
2) T n-Decane (C10)	4.475	2809273	23.209 ug/ml
3) T A-Naphthalene (C11.7)	6.054	2731437	23.200 ug/ml
4) T n-Dodecane (C12)	6.466	2938795	23.235 ug/ml
5) T A~2-methylnaphthalene...	7.099	2720955	22.580 ug/ml
6) T n-Tetradecane (C14)	8.239	2943185	22.865 ug/ml
7) T n-Hexadecane (C16)	9.822	2922898	22.198 ug/ml
8) T n-Octadecane (C18)	11.250	2874803	21.077 ug/ml
10) T n-Eicosane (C20)	12.547	2789533	19.986 ug/ml
11) T n-Heneicosane (C21)	13.155	2761675	19.433 ug/ml
13) T n-Docosane (C22)	13.736	2683681	18.887 ug/ml
14) T n-Tetracosane (C24)	14.830	2588024	18.027 ug/ml
15) T n-Hexacosane (C26)	15.843	2491328	17.422 ug/ml
16) T n-Octacosane (C28)	16.787	2434409	17.173 ug/ml
17) T n-Tricontane (C30)	17.669	2435923	17.369 ug/ml
18) T n-Dotriacontane (C32)	18.496	2379274	17.911 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2346170	18.778 ug/ml
20) T n-Hexatriacontane (C36)	20.011	2312310	20.005 ug/mlm
21) T n-Octatriacontane (C38)	20.733	2195538	20.628 ug/ml
22) T n-Tetracontane (C40)	21.610	2275987	21.768 ug/ml

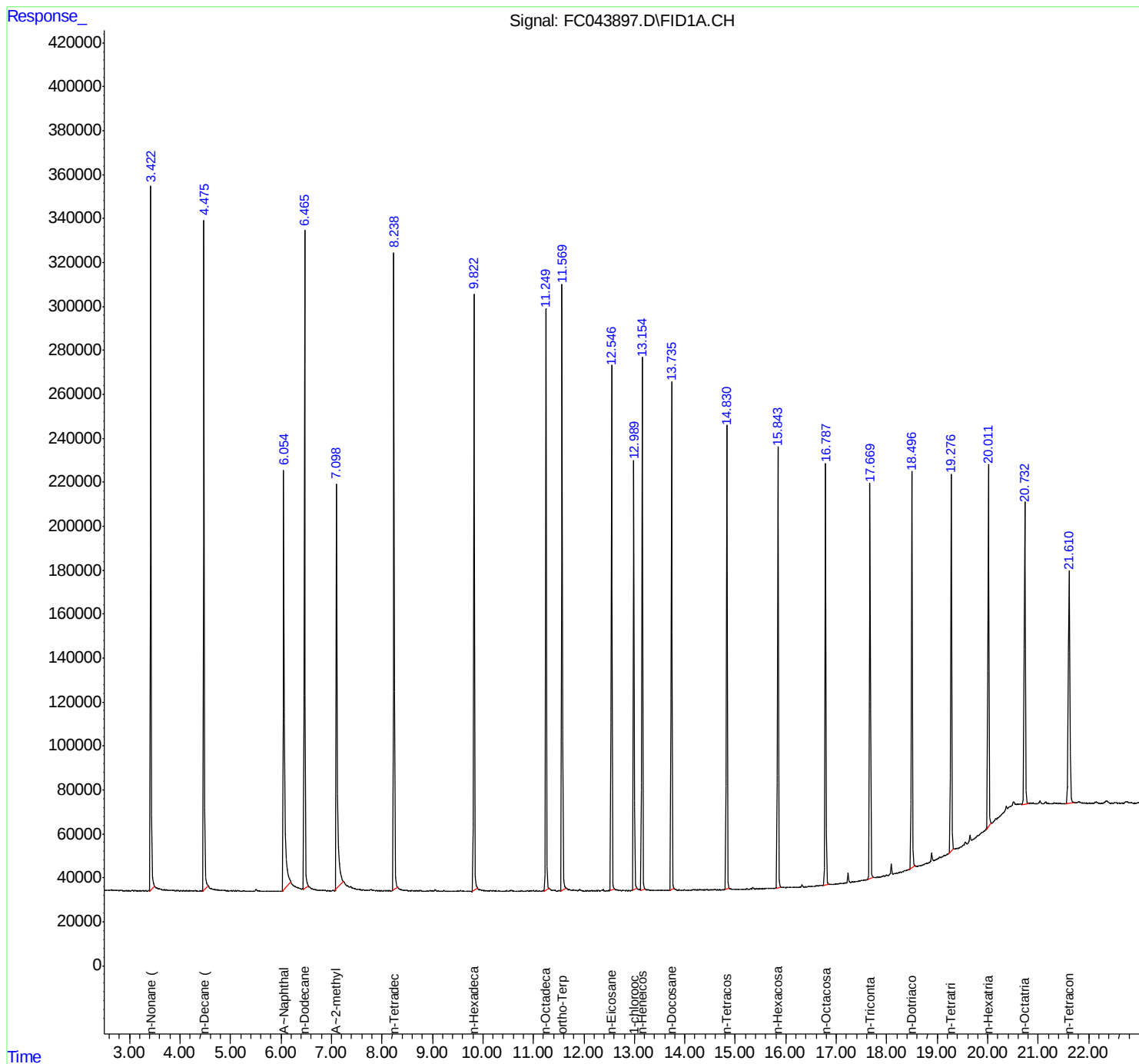
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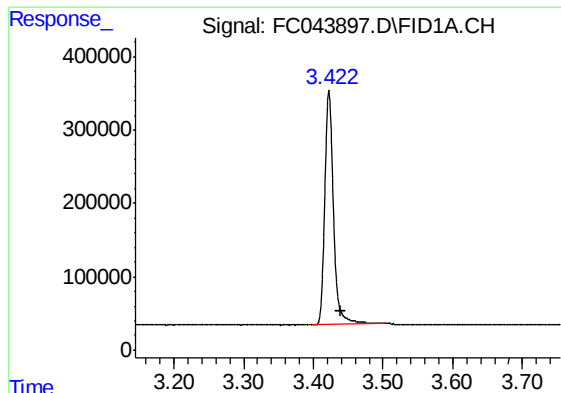
(m)=manual int.

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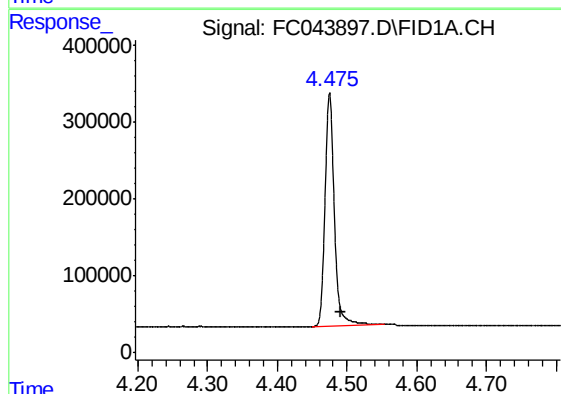
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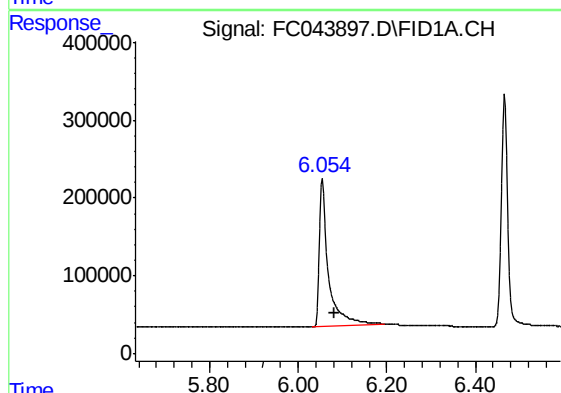
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: -0.017 min
Response: 2777949
Conc: 22.98 ug/ml



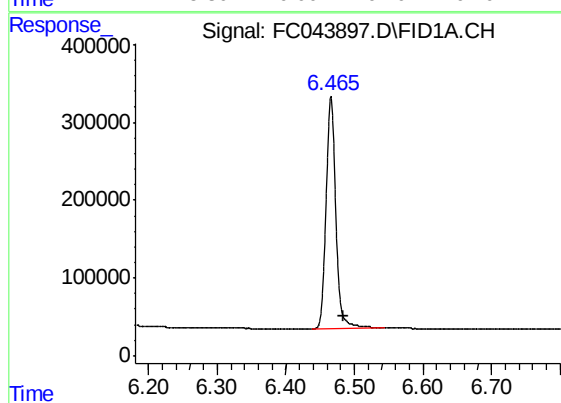
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.017 min
Response: 2809273
Conc: 23.21 ug/ml



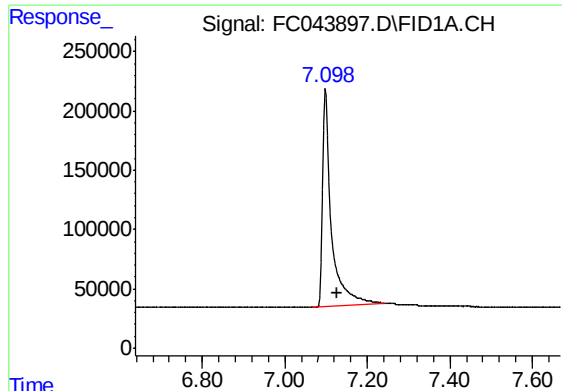
#3 A~Naphthalene (C11.7)

R.T.: 6.054 min
Delta R.T.: -0.026 min
Response: 2731437
Conc: 23.20 ug/ml



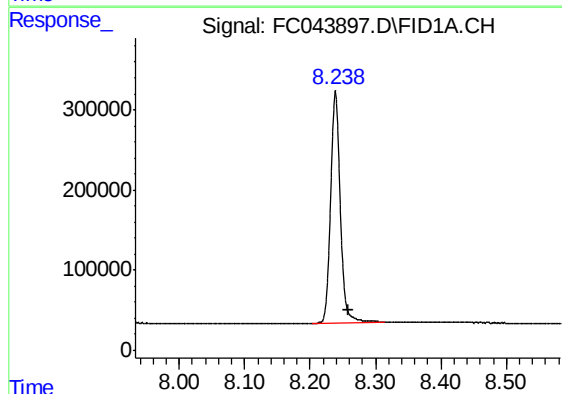
#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.019 min
Response: 2938795
Conc: 23.24 ug/ml



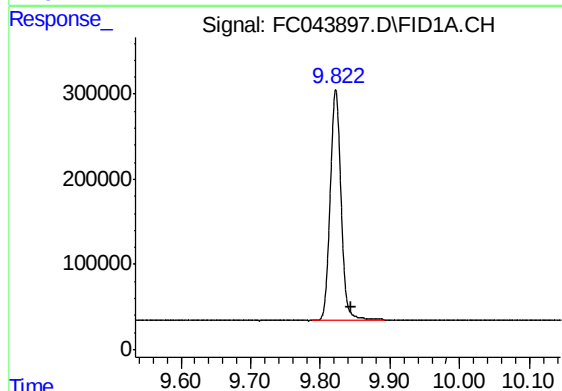
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.029 min
Response: 2720955
Conc: 22.58 ug/ml



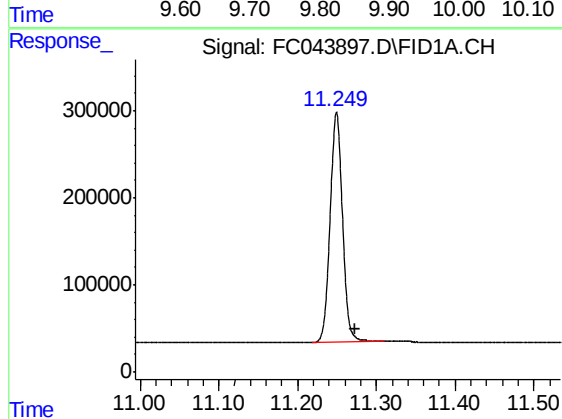
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.021 min
Response: 2943185
Conc: 22.86 ug/ml



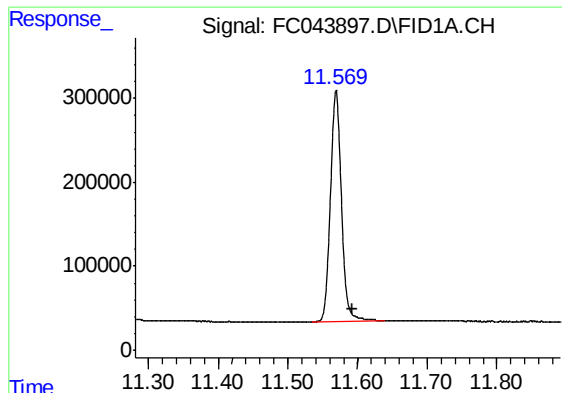
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.022 min
Response: 2922898
Conc: 22.20 ug/ml



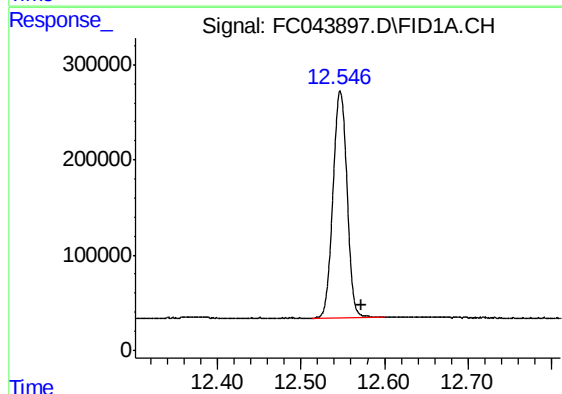
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.024 min
Response: 2874803
Conc: 21.08 ug/ml



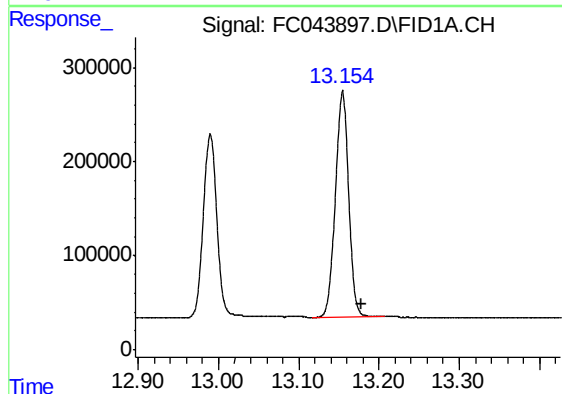
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.024 min
Response: 3000864
Conc: 19.77 ug/ml



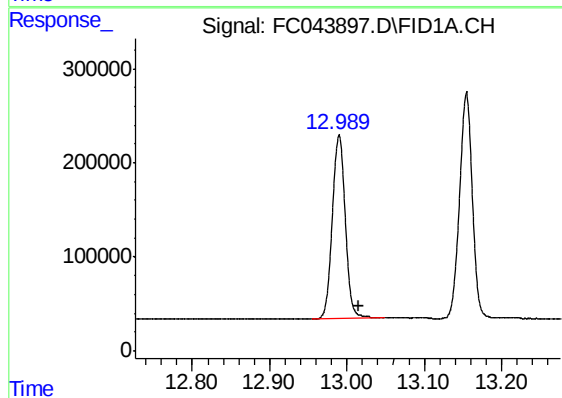
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.025 min
Response: 2789533
Conc: 19.99 ug/ml



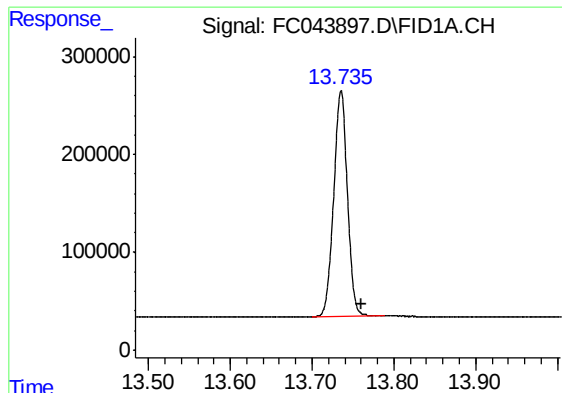
#11 n-Heneicosane (C21)

R.T.: 13.155 min
Delta R.T.: -0.024 min
Response: 2761675
Conc: 19.43 ug/ml



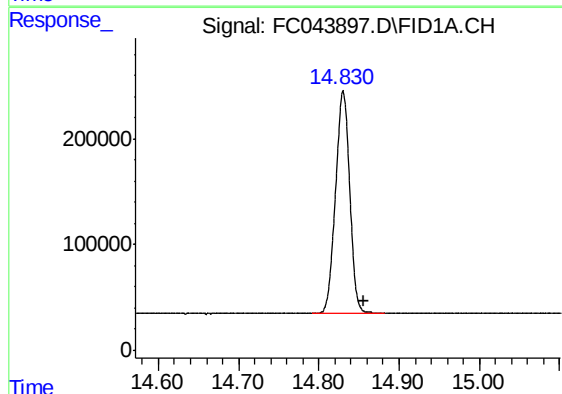
#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.026 min
Response: 2280119
Conc: 19.23 ug/ml



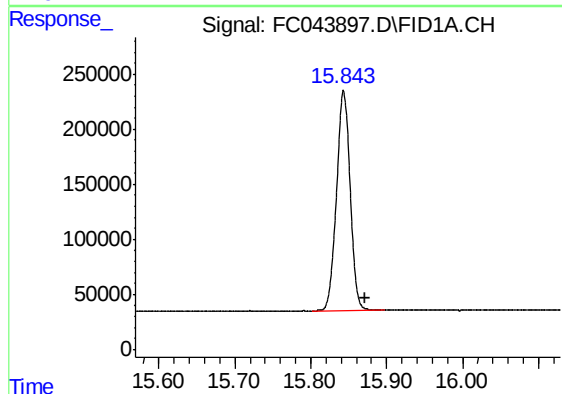
#13 n-Docosane (C22)

R.T.: 13.736 min
Delta R.T.: -0.025 min
Response: 2683681
Conc: 18.89 ug/ml



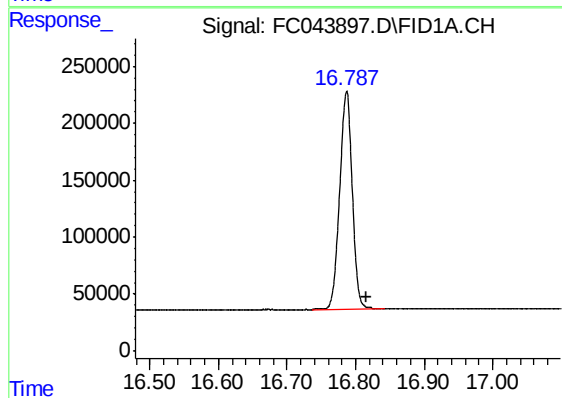
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.026 min
Response: 2588024
Conc: 18.03 ug/ml



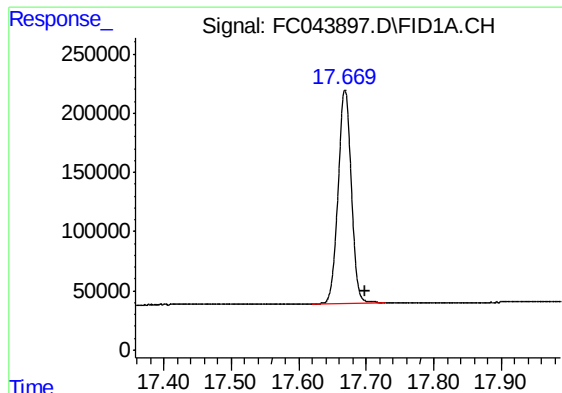
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: -0.028 min
Response: 2491328
Conc: 17.42 ug/ml



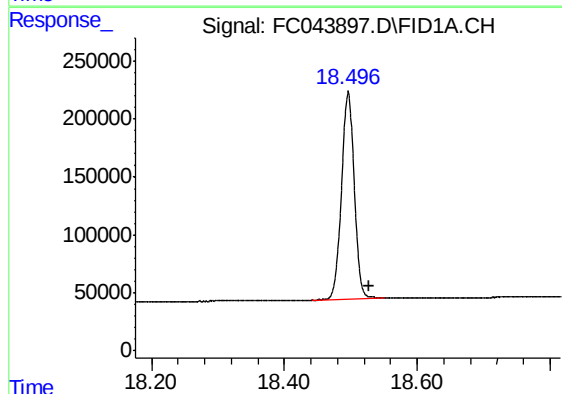
#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: -0.028 min
Response: 2434409
Conc: 17.17 ug/ml



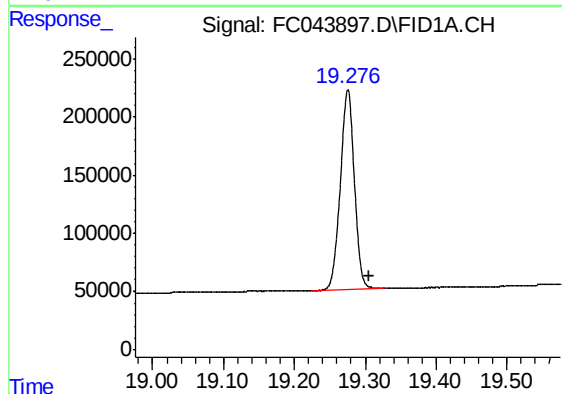
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: -0.030 min
Response: 2435923
Conc: 17.37 ug/ml



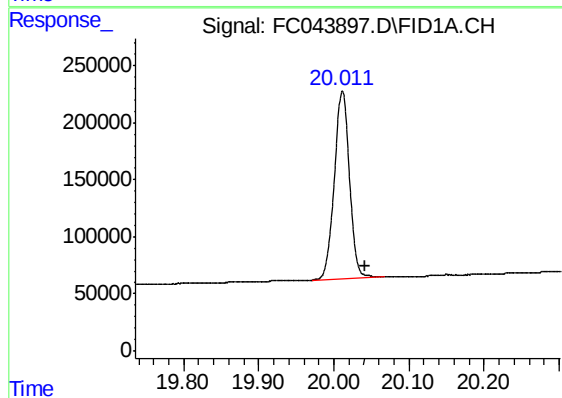
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.031 min
Response: 2379274
Conc: 17.91 ug/ml



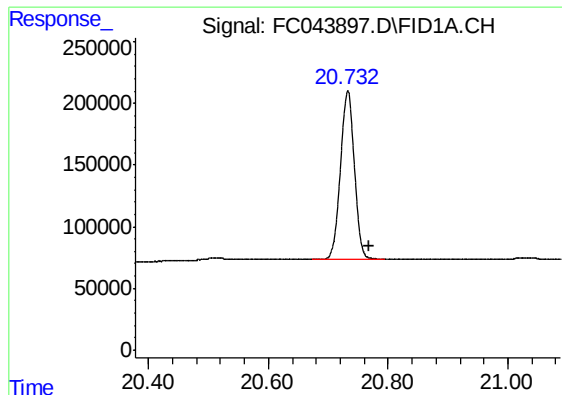
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.030 min
Response: 2346170
Conc: 18.78 ug/ml



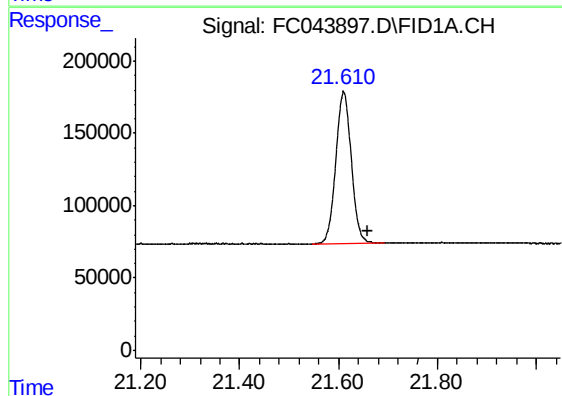
#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: -0.031 min
Response: 2312310
Conc: 20.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.034 min
Response: 2195538
Conc: 20.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: -0.050 min
Response: 2275987
Conc: 21.77 ug/ml