

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101719AL\
 Data File : FC044089.D
 Signal(s) : FID1A.CH
 Acq On : 18 Oct 2019 5:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 18 06:24:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 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)	11.560	3048010	20.082 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	12.979	2329396	19.647 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
Target Compounds			
1) T n-Nonane (C9)	3.417	2757204	22.805 ug/ml
2) T n-Decane (C10)	4.468	2846306	23.515 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2699887	22.932 ug/ml
4) T n-Dodecane (C12)	6.458	2997752	23.701 ug/ml
5) T A~2-methylnaphthalene...	7.092	2688605	22.312 ug/ml
6) T n-Tetradecane (C14)	8.231	3004329	23.340 ug/ml
7) T n-Hexadecane (C16)	9.813	2988610	22.698 ug/ml
8) T n-Octadecane (C18)	11.240	2935413	21.522 ug/ml
10) T n-Eicosane (C20)	12.537	2842345	20.364 ug/ml
11) T n-Heneicosane (C21)	13.144	2810845	19.779 ug/ml
13) T n-Docosane (C22)	13.724	2732968	19.234 ug/ml
14) T n-Tetracosane (C24)	14.818	2662264	18.545 ug/ml
15) T n-Hexacosane (C26)	15.832	2621515	18.333 ug/ml
16) T n-Octacosane (C28)	16.775	2649827	18.693 ug/ml
17) T n-Tricontane (C30)	17.658	2771756	19.764 ug/ml
18) T n-Dotriacontane (C32)	18.485	2773684	20.881 ug/ml
19) T n-Tetratriacontane (C34)	19.264	2700933	21.617 ug/ml
20) T n-Hexatriacontane (C36)	19.999	2560638	22.154 ug/mlm
21) T n-Octatriacontane (C38)	20.720	2395623	22.508 ug/ml
22) T n-Tetracontane (C40)	21.593	2479951	23.719 ug/ml

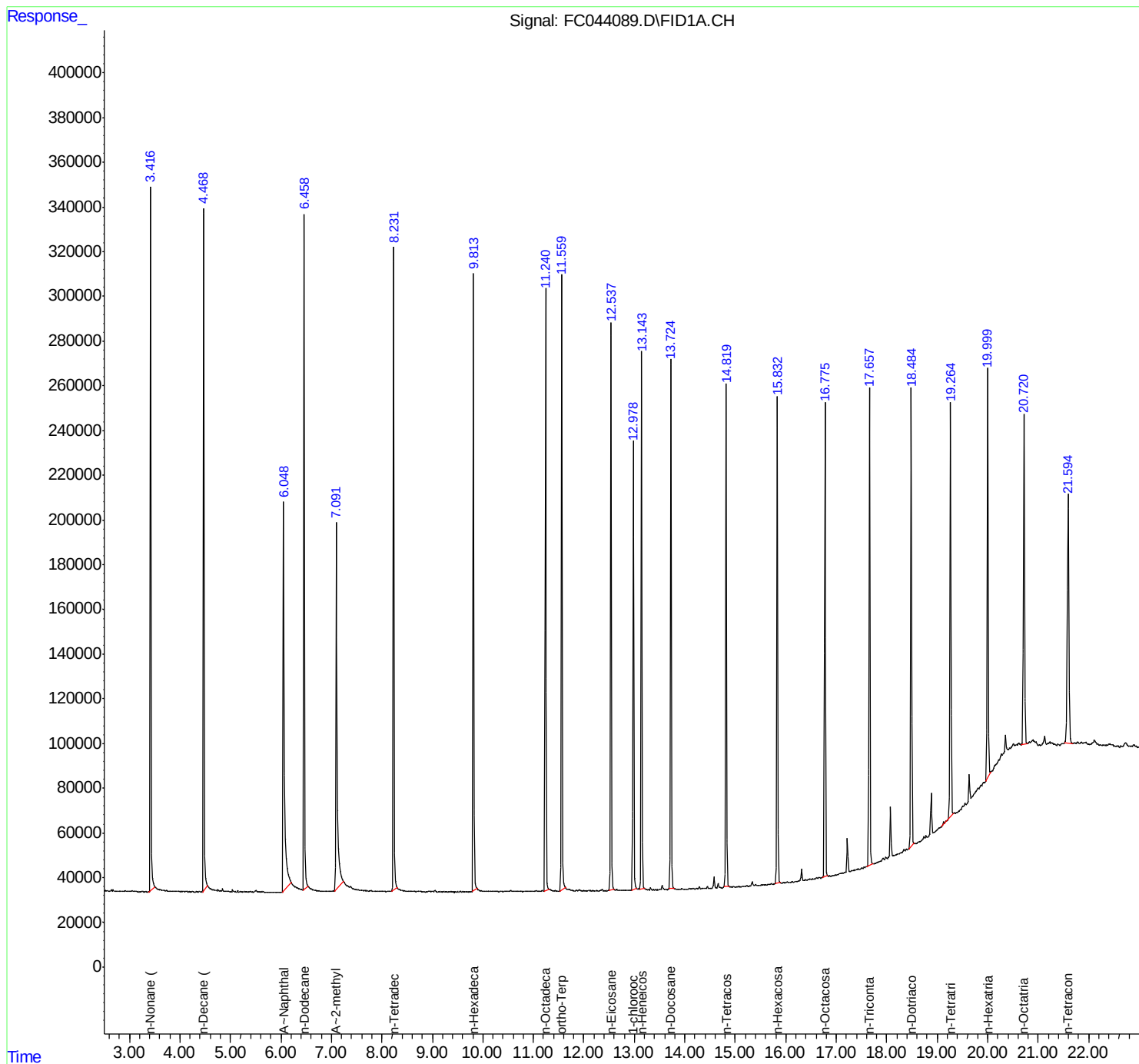
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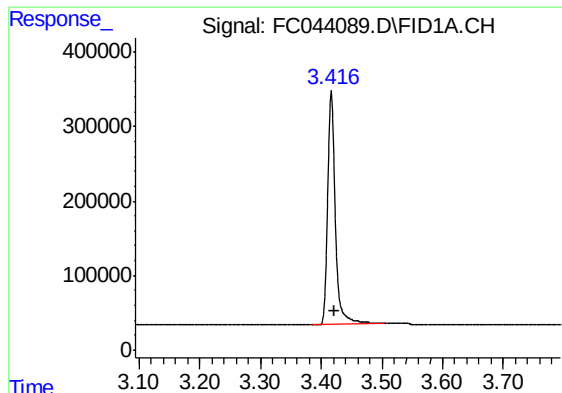
(m)=manual int.

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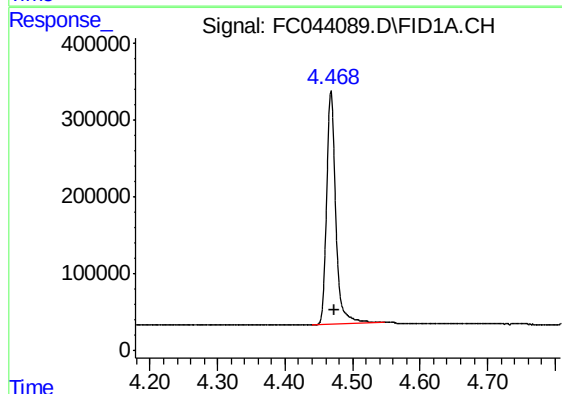
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





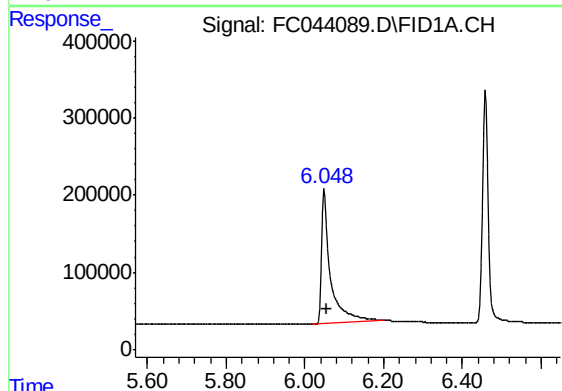
#1 n-Nonane (C9)

R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 2757204
Conc: 22.80 ug/ml



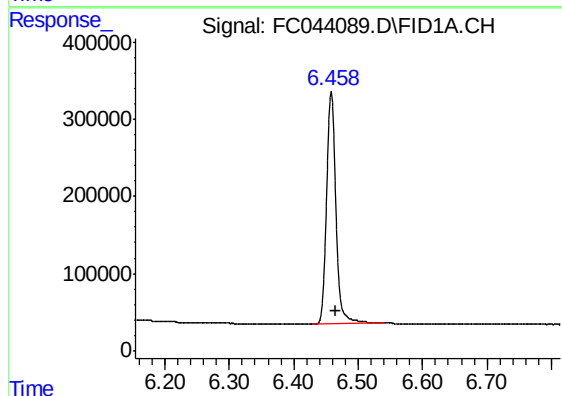
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.006 min
Response: 2846306
Conc: 23.52 ug/ml



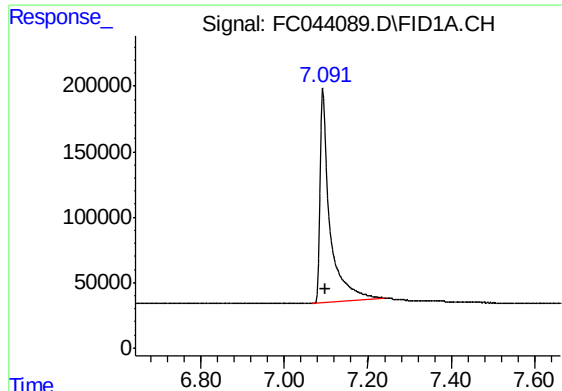
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.006 min
Response: 2699887
Conc: 22.93 ug/ml



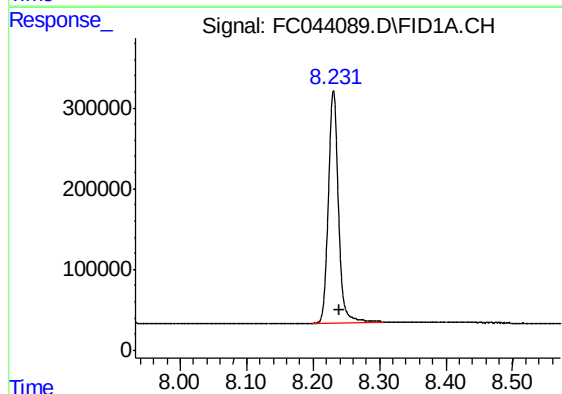
#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.007 min
Response: 2997752
Conc: 23.70 ug/ml



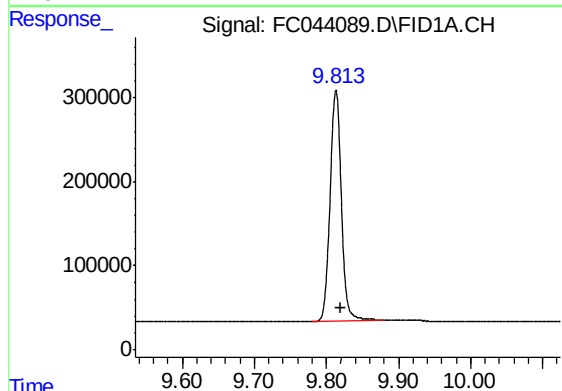
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 2688605
Conc: 22.31 ug/ml



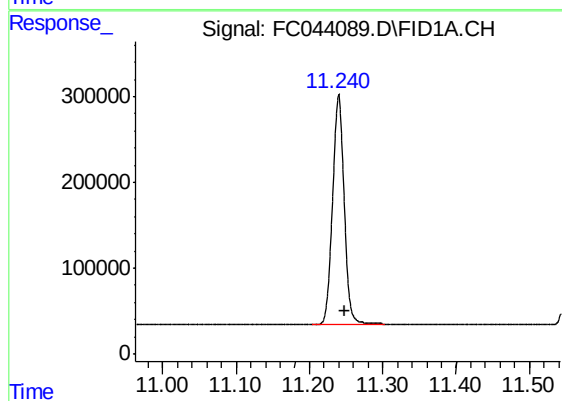
#6 n-Tetradecane (C14)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 3004329
Conc: 23.34 ug/ml



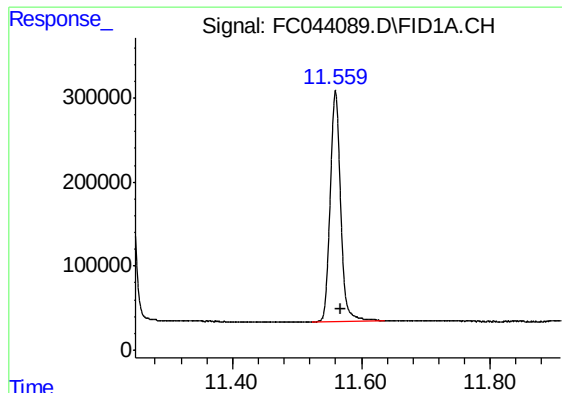
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.008 min
Response: 2988610
Conc: 22.70 ug/ml



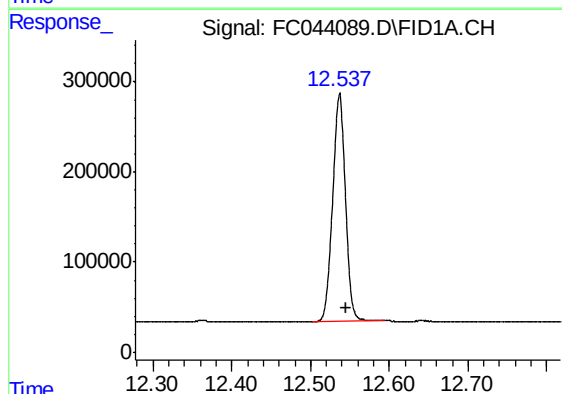
#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: -0.007 min
Response: 2935413
Conc: 21.52 ug/ml



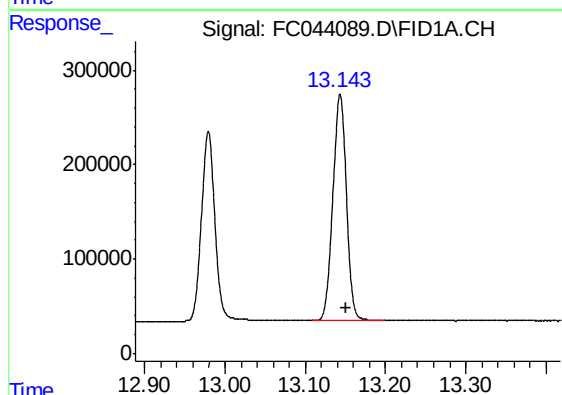
#9 ortho-Terphenyl (SURR)

R.T.: 11.560 min
Delta R.T.: -0.007 min
Response: 3048010
Conc: 20.08 ug/ml



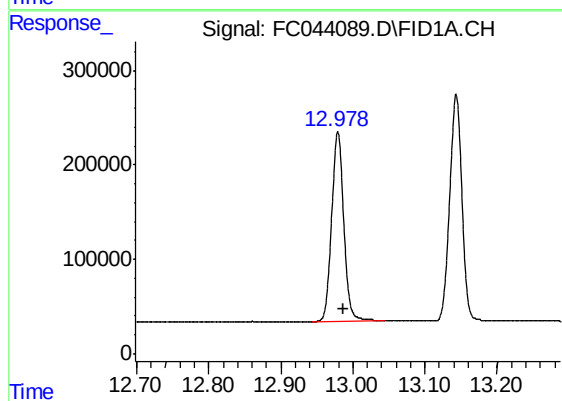
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: -0.007 min
Response: 2842345
Conc: 20.36 ug/ml



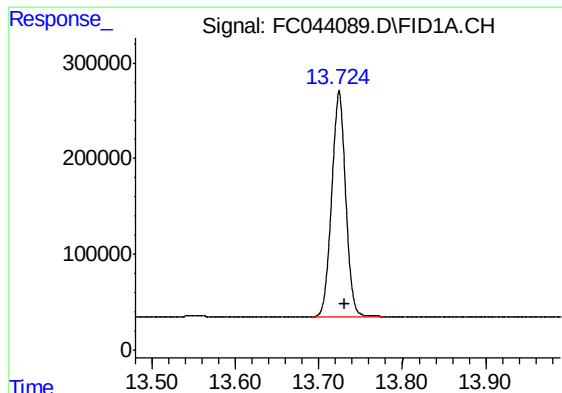
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 2810845
Conc: 19.78 ug/ml



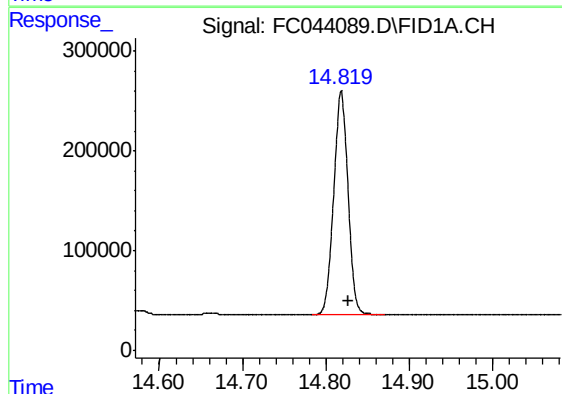
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.007 min
Response: 2329396
Conc: 19.65 ug/ml



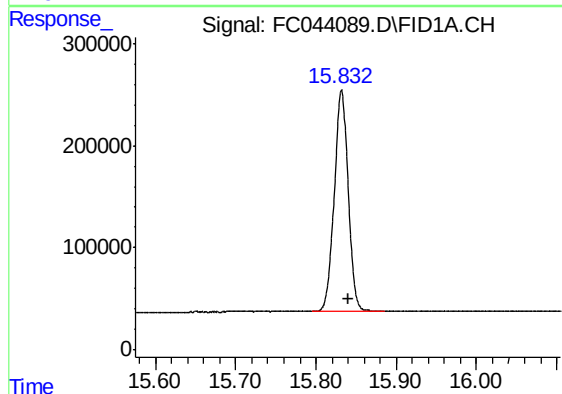
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.007 min
Response: 2732968
Conc: 19.23 ug/ml



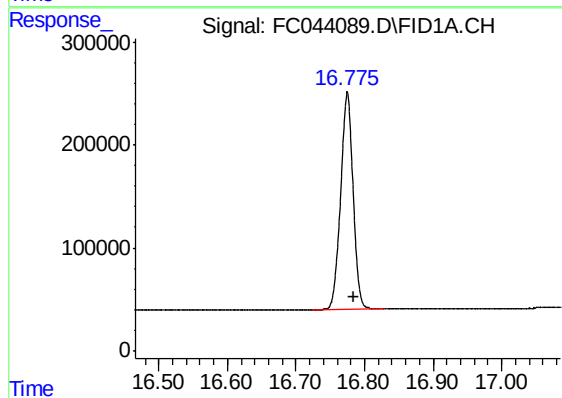
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.008 min
Response: 2662264
Conc: 18.54 ug/ml



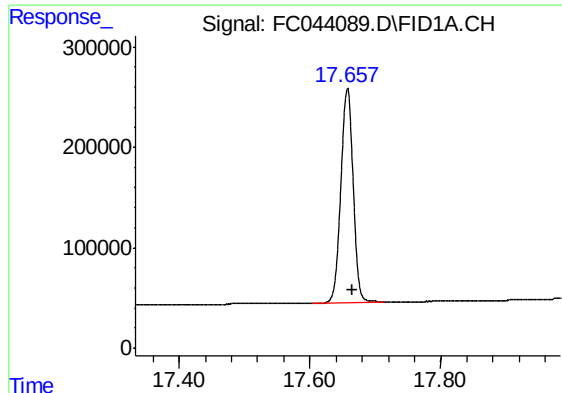
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.009 min
Response: 2621515
Conc: 18.33 ug/ml



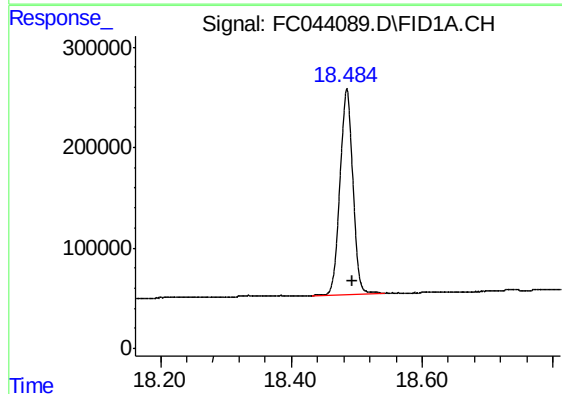
#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.008 min
Response: 2649827
Conc: 18.69 ug/ml



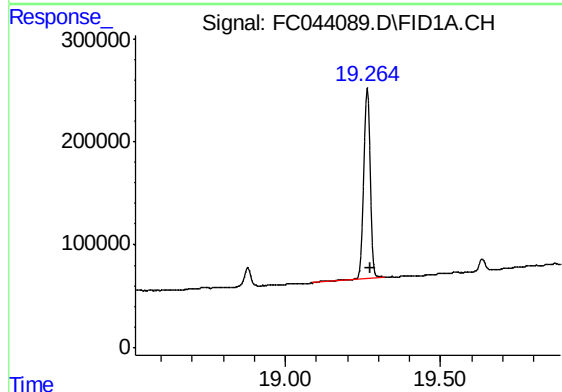
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.008 min
Response: 2771756
Conc: 19.76 ug/ml



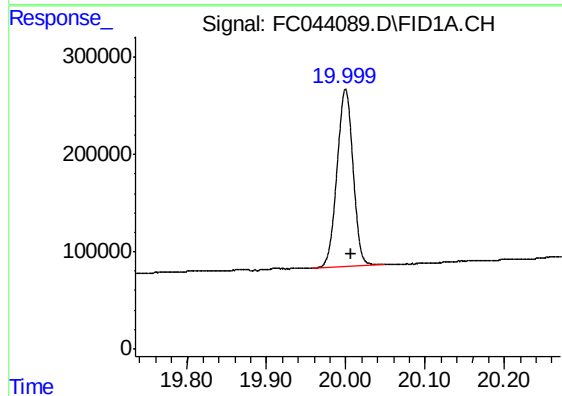
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.008 min
Response: 2773684
Conc: 20.88 ug/ml



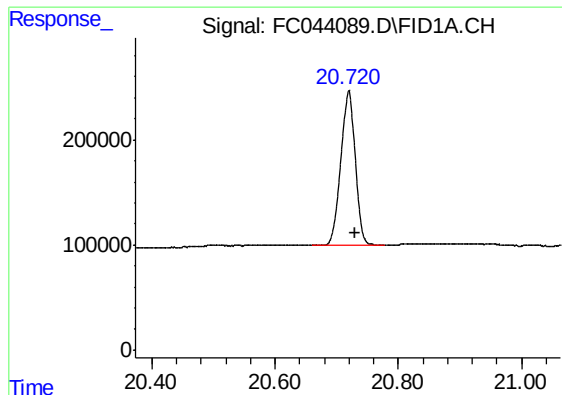
#19 n-Tetatriacontane (C34)

R.T.: 19.264 min
Delta R.T.: -0.008 min
Response: 2700933
Conc: 21.62 ug/ml



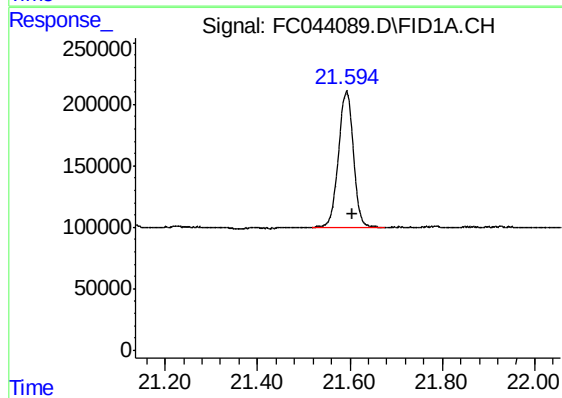
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min
Delta R.T.: -0.008 min
Response: 2560638
Conc: 22.15 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: -0.009 min
Response: 2395623
Conc: 22.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.011 min
Response: 2479951
Conc: 23.72 ug/ml