

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070819AL\
 Data File : FC042266.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jul 2019 1:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 09 02:25:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 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)	11.695	2679876	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	13.118	2148355	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.489	2642825	22.741 ug/ml
2) T n-Decane (C10)	4.554	2686672	22.831 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2922636	21.990 ug/ml
4) T n-Dodecane (C12)	6.560	2693874	22.683 ug/ml
5) T A~2-methylnaphthalene...	7.191	2907711	21.839 ug/ml
6) T n-Tetradecane (C14)	8.344	2693624	22.289 ug/ml
7) T n-Hexadecane (C16)	9.935	2664097	21.738 ug/ml
8) T n-Octadecane (C18)	11.371	2613787	21.094 ug/ml
10) T n-Eicosane (C20)	12.674	2548099	20.138 ug/ml
11) T n-Heneicosane (C21)	13.284	2491486	19.735 ug/ml
13) T n-Docosane (C22)	13.868	2437612	19.292 ug/ml
14) T n-Tetracosane (C24)	14.966	2354433	18.504 ug/ml
15) T n-Hexacosane (C26)	15.983	2272312	18.302 ug/ml
16) T n-Octacosane (C28)	16.930	2240437	18.387 ug/ml
17) T n-Tricontane (C30)	17.815	2179569	18.698 ug/ml
18) T n-Dotriacontane (C32)	18.644	2026761	18.771 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1730852	20.114 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1565526	20.197 ug/ml
21) T n-Octatriacontane (C38)	20.910	1441767	21.803 ug/ml
22) T n-Tetracontane (C40)	21.846	1466573	21.708 ug/ml

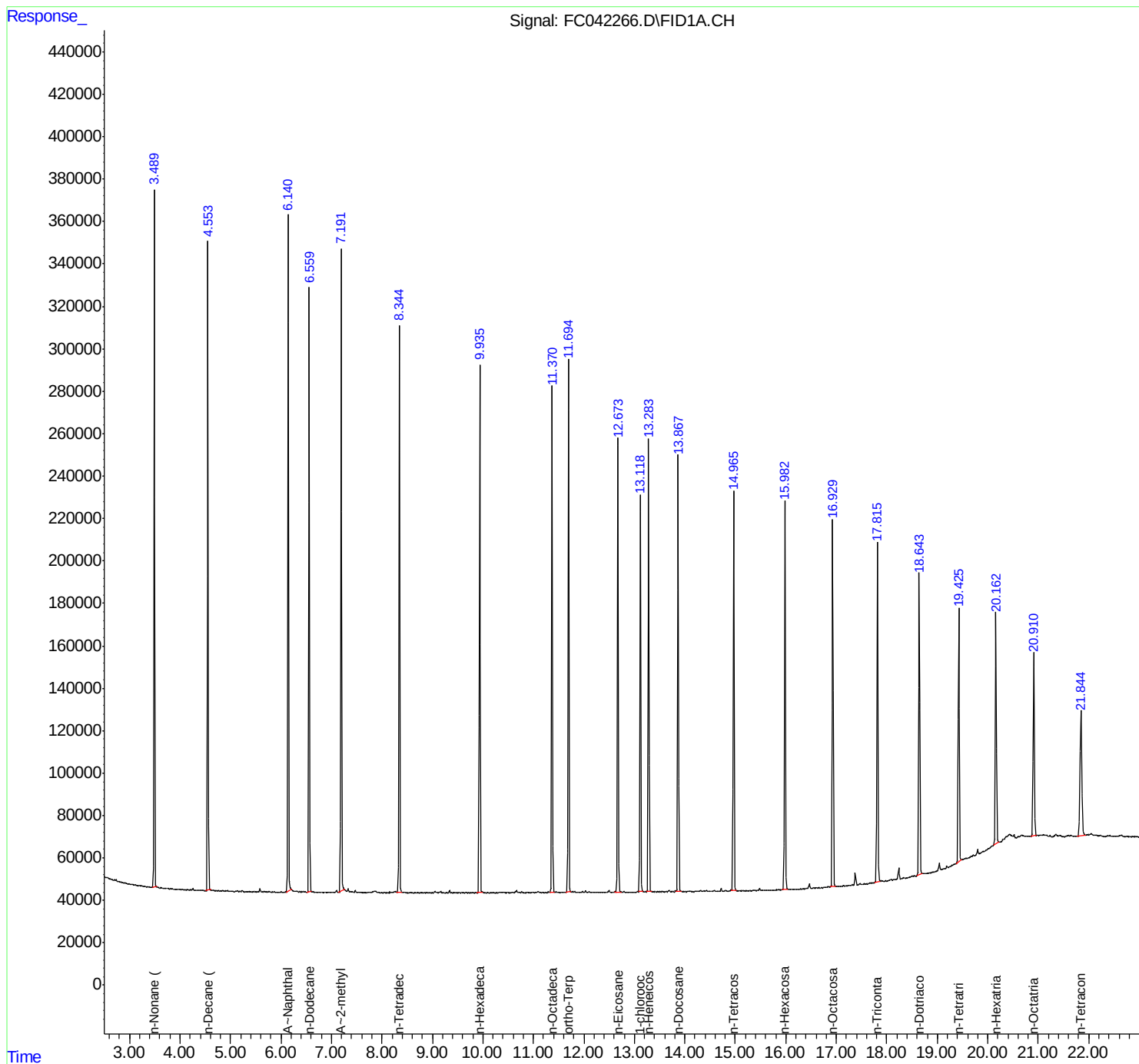
(f)=RT Delta > 1/2 Window

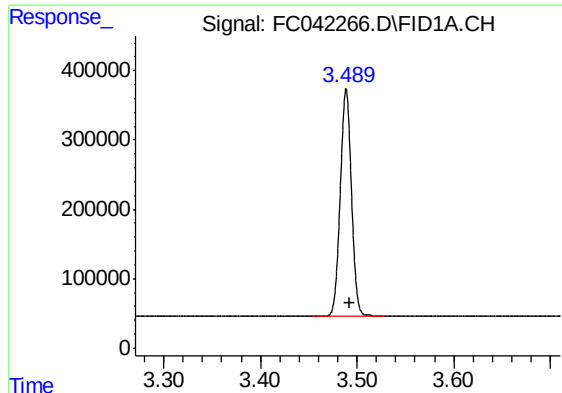
(m)=manual int.

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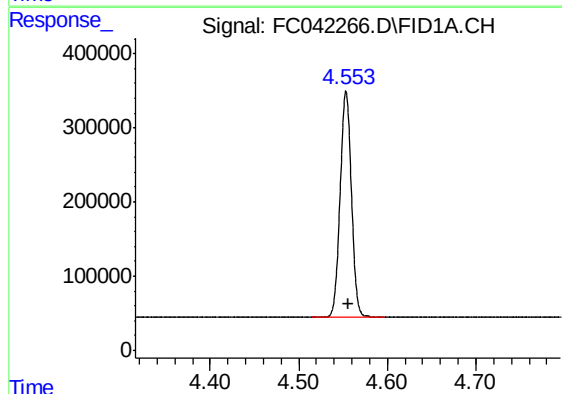
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Signal Info : 20M x 0.18mm x 0.18um





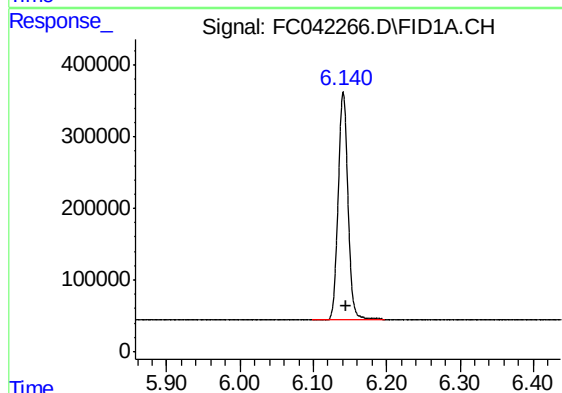
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.003 min
Response: 2642825
Conc: 22.74 ug/ml



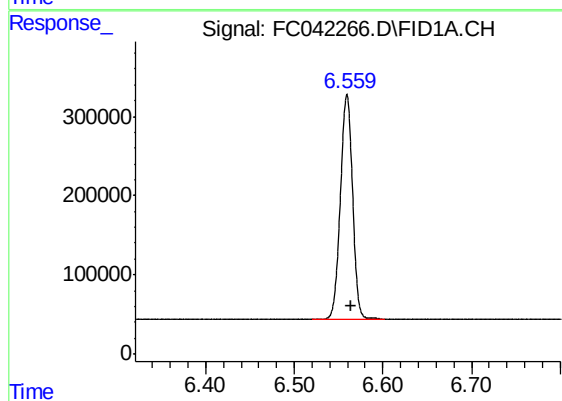
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 2686672
Conc: 22.83 ug/ml



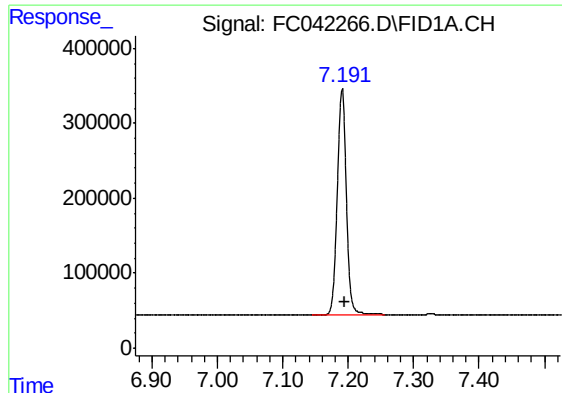
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.003 min
Response: 2922636
Conc: 21.99 ug/ml



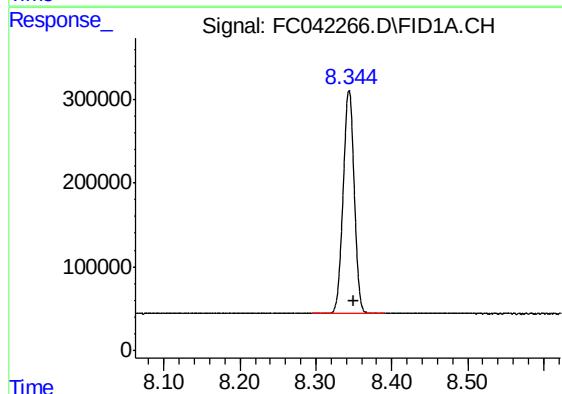
#4 n-Dodecane (C12)

R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 2693874
Conc: 22.68 ug/ml



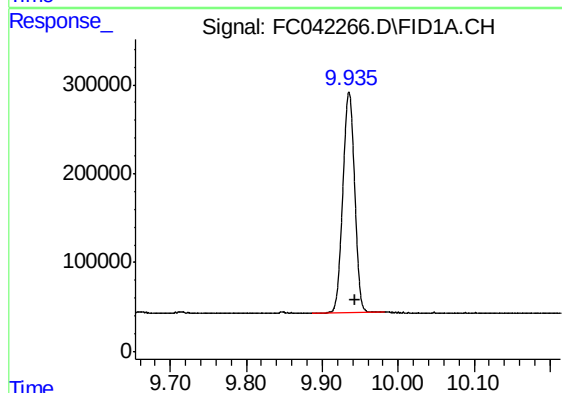
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: -0.003 min
Response: 2907711
Conc: 21.84 ug/ml



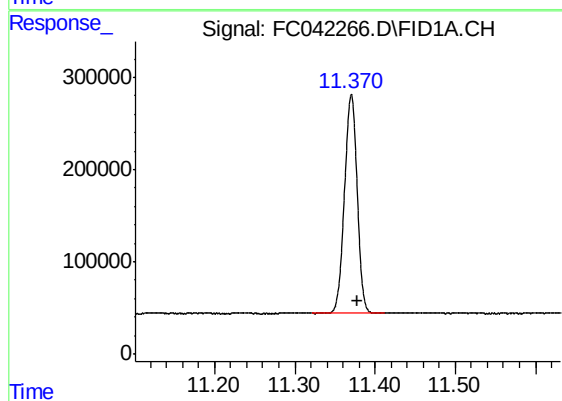
#6 n-Tetradecane (C14)

R.T.: 8.344 min
Delta R.T.: -0.006 min
Response: 2693624
Conc: 22.29 ug/ml



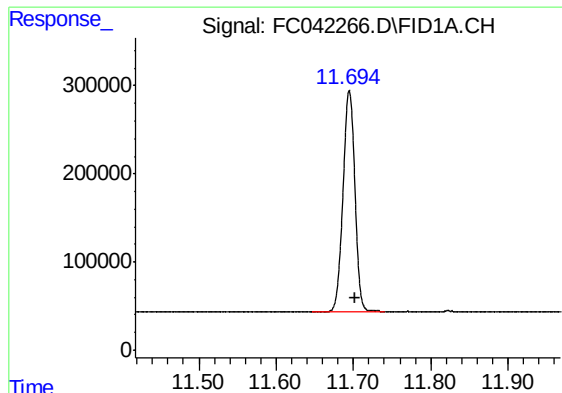
#7 n-Hexadecane (C16)

R.T.: 9.935 min
Delta R.T.: -0.007 min
Response: 2664097
Conc: 21.74 ug/ml



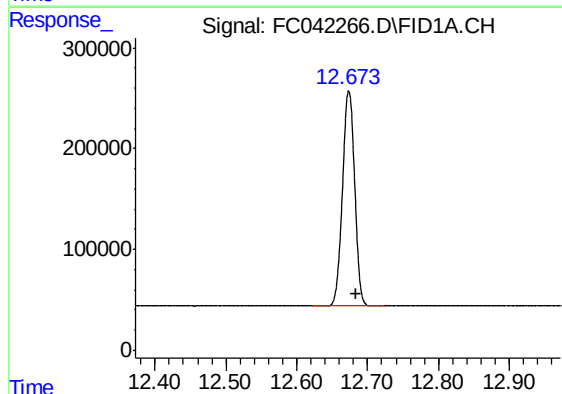
#8 n-Octadecane (C18)

R.T.: 11.371 min
Delta R.T.: -0.008 min
Response: 2613787
Conc: 21.09 ug/ml



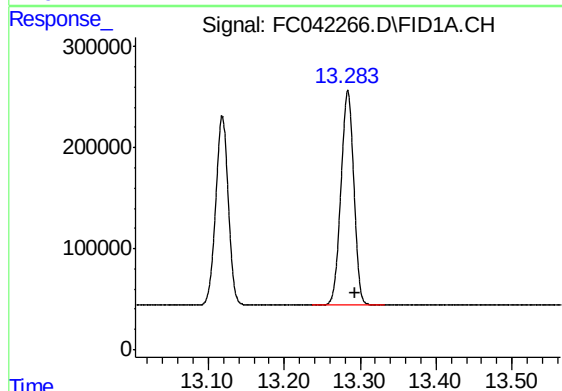
#9 ortho-Terphenyl (SURR)

R.T.: 11.695 min
Delta R.T.: -0.007 min
Response: 2679876
Conc: 20.14 ug/ml



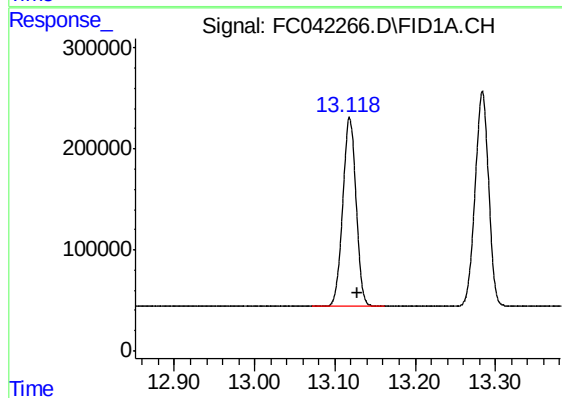
#10 n-Eicosane (C20)

R.T.: 12.674 min
Delta R.T.: -0.010 min
Response: 2548099
Conc: 20.14 ug/ml



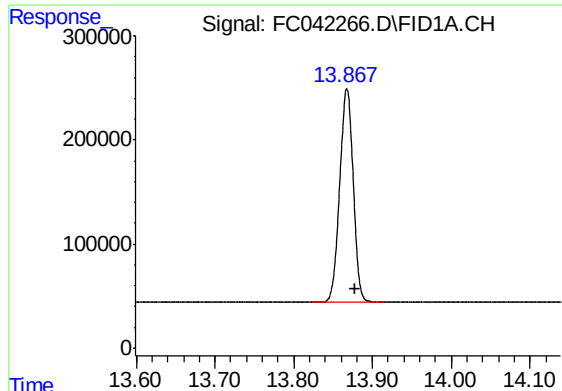
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: -0.010 min
Response: 2491486
Conc: 19.73 ug/ml



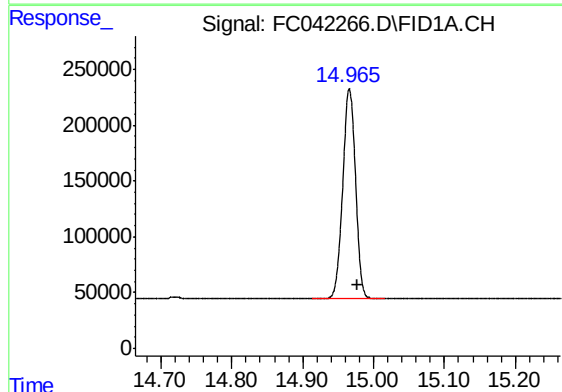
#12 1-chlorooctadecane (SURR)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 2148355
Conc: 19.55 ug/ml



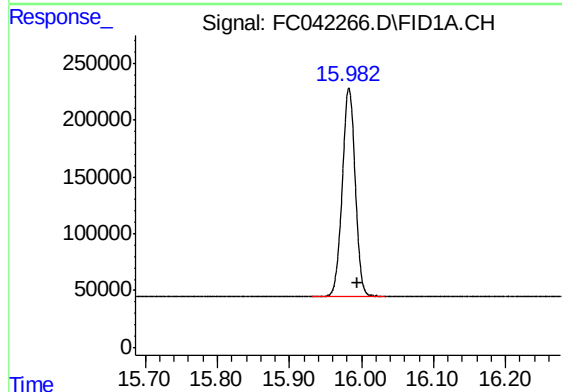
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.010 min
Response: 2437612
Conc: 19.29 ug/ml



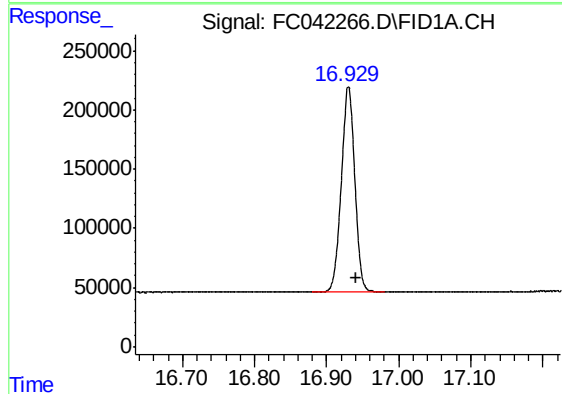
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.011 min
Response: 2354433
Conc: 18.50 ug/ml



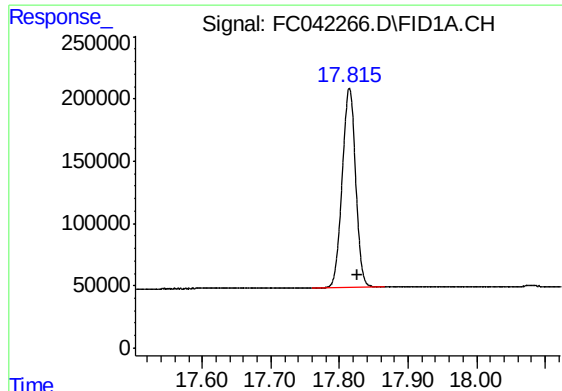
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.012 min
Response: 2272312
Conc: 18.30 ug/ml



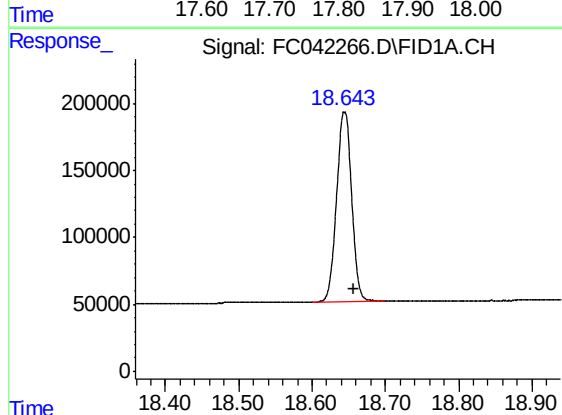
#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: -0.011 min
Response: 2240437
Conc: 18.39 ug/ml



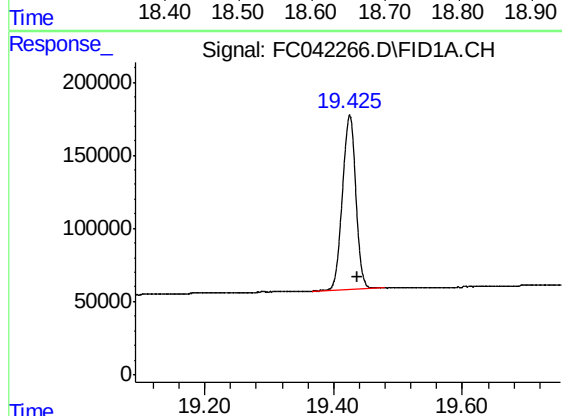
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: -0.012 min
Response: 2179569
Conc: 18.70 ug/ml



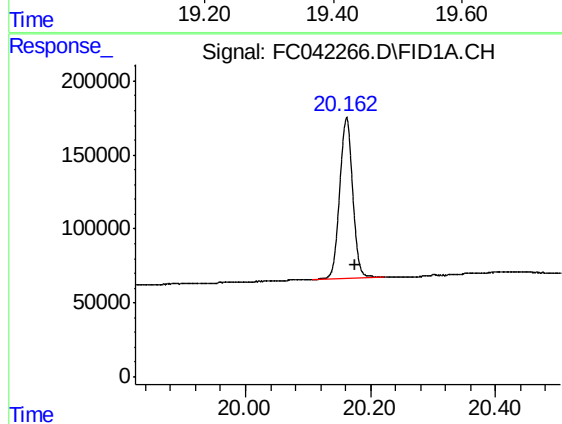
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.013 min
Response: 2026761
Conc: 18.77 ug/ml



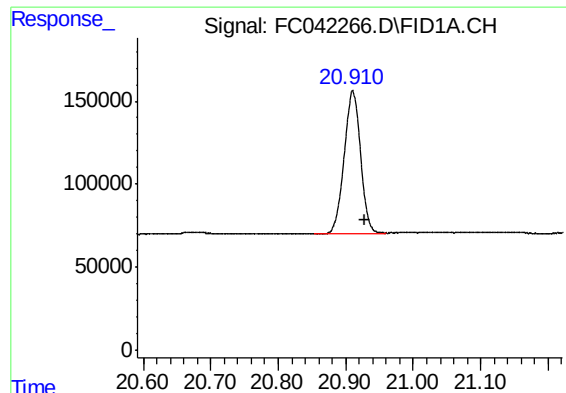
#19 n-Tetatriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.012 min
Response: 1730852
Conc: 20.11 ug/ml



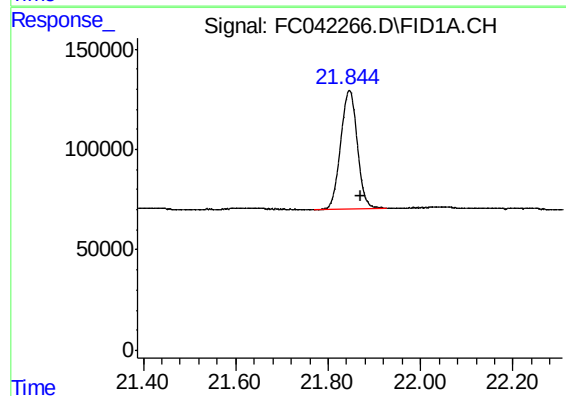
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: -0.014 min
Response: 1565526
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.018 min
Response: 1441767
Conc: 21.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.846 min
Delta R.T.: -0.024 min
Response: 1466573
Conc: 21.71 ug/ml