

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071619AL\
 Data File : FC042418.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2019 3:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 08:46:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.702	3058654	23.109 ug/ml
Spiked Amount 50.000		Recovery =	46.22%
12) S 1-chlorooctadecane (S...	13.124	2494914	22.758 ug/ml
Spiked Amount 50.000		Recovery =	45.52%
Target Compounds			
1) T n-Nonane (C9)	3.493	2772185	23.810 ug/ml
2) T n-Decane (C10)	4.559	2901415	24.592 ug/ml
3) T A~Naphthalene (C11.7)	6.149	3215135	24.767 ug/ml
4) T n-Dodecane (C12)	6.566	2938823	24.767 ug/ml
5) T A~2-methylnaphthalene...	7.200	3233245	24.883 ug/ml
6) T n-Tetradecane (C14)	8.350	2947842	24.776 ug/ml
7) T n-Hexadecane (C16)	9.941	2947897	24.551 ug/ml
8) T n-Octadecane (C18)	11.376	2929648	24.006 ug/ml
10) T n-Eicosane (C20)	12.679	2910881	23.340 ug/ml
11) T n-Heneicosane (C21)	13.289	2872356	22.946 ug/ml
13) T n-Docosane (C22)	13.872	2830480	22.567 ug/ml
14) T n-Tetracosane (C24)	14.970	2747800	21.692 ug/ml
15) T n-Hexacosane (C26)	15.989	2654265	20.991 ug/ml
16) T n-Octacosane (C28)	16.935	2604850	20.642 ug/ml
17) T n-Tricontane (C30)	17.820	2545144	20.761 ug/ml
18) T n-Dotriacontane (C32)	18.650	2371155	21.222 ug/ml
19) T n-Tetratriacontane (C34)	19.430	2021130	21.824 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1830374	22.967 ug/mlm
21) T n-Octatriacontane (C38)	20.918	1729105	24.118 ug/mlm
22) T n-Tetracontane (C40)	21.856	1764125	25.422 ug/ml

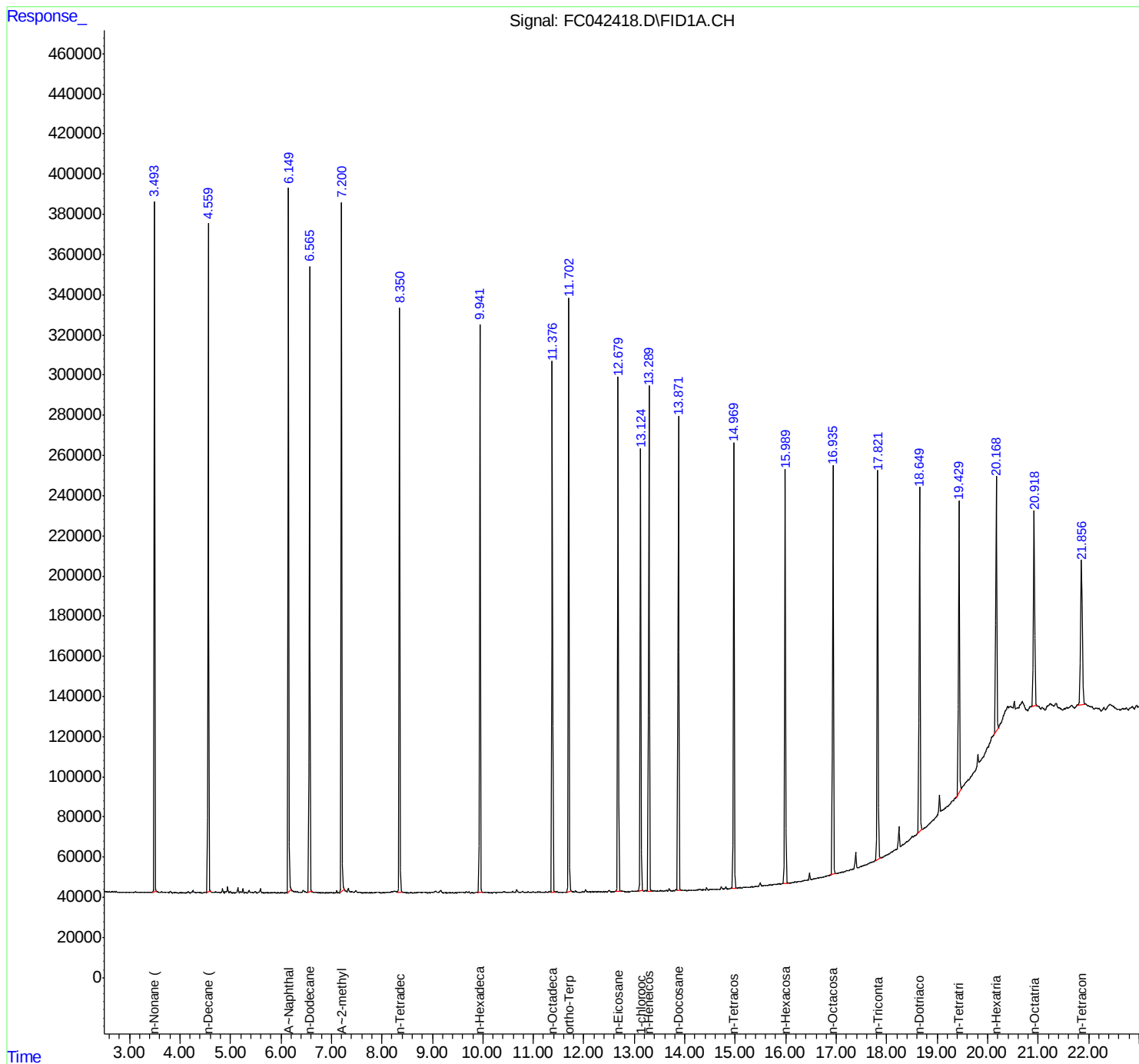
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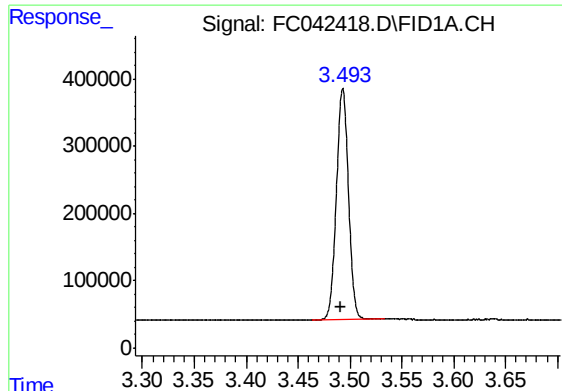
(m)=manual int.

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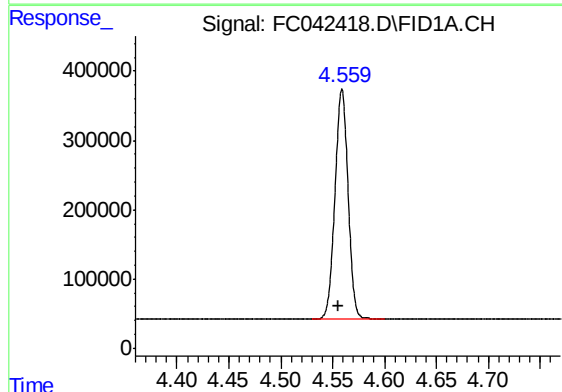
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Signal Info : 20M x 0.18mm x 0.18um





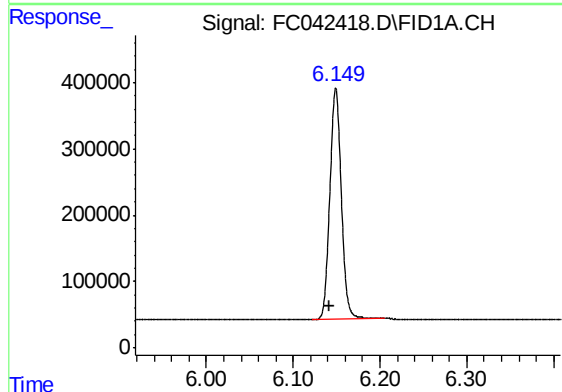
#1 n-Nonane (C9)

R.T.: 3.493 min
Delta R.T.: 0.002 min
Response: 2772185
Conc: 23.81 ug/ml



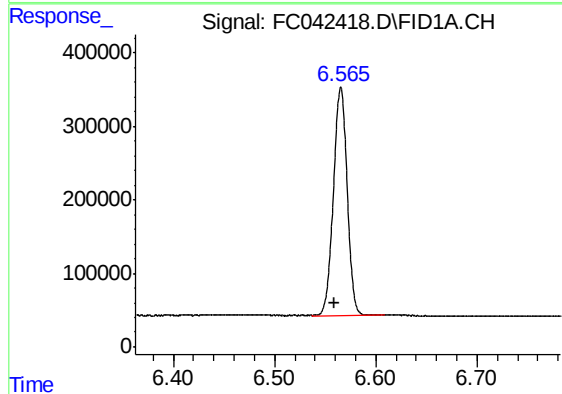
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.004 min
Response: 2901415
Conc: 24.59 ug/ml



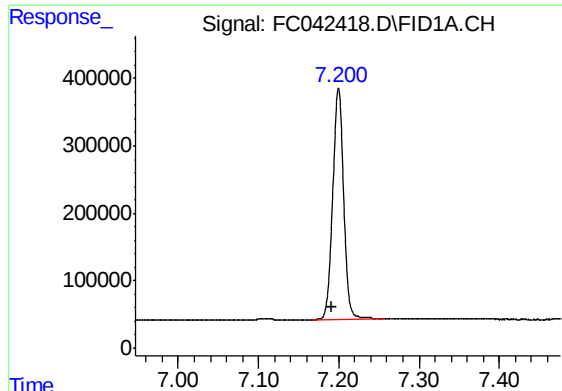
#3 A~Naphthalene (C11.7)

R.T.: 6.149 min
Delta R.T.: 0.007 min
Response: 3215135
Conc: 24.77 ug/ml



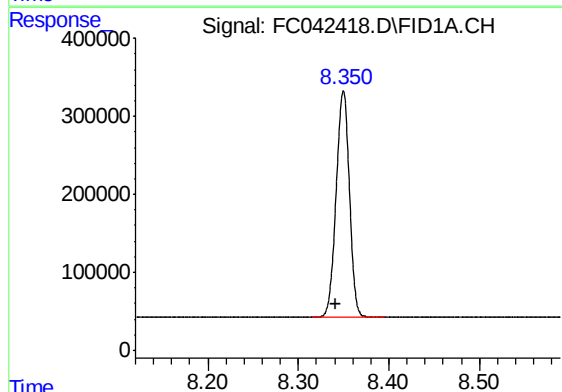
#4 n-Dodecane (C12)

R.T.: 6.566 min
Delta R.T.: 0.006 min
Response: 2938823
Conc: 24.77 ug/ml



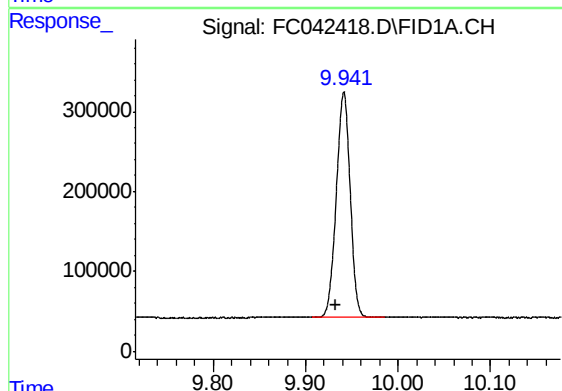
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.200 min
Delta R.T.: 0.009 min
Response: 3233245
Conc: 24.88 ug/ml



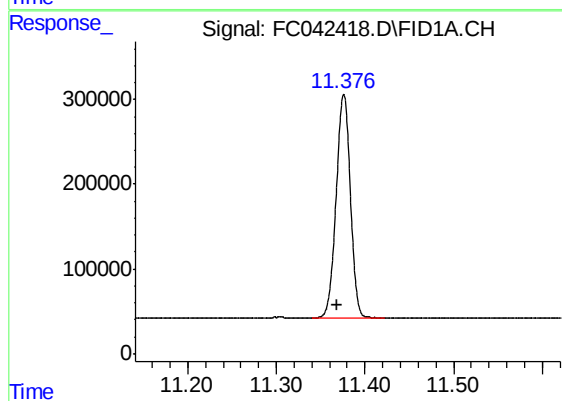
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.008 min
Response: 2947842
Conc: 24.78 ug/ml



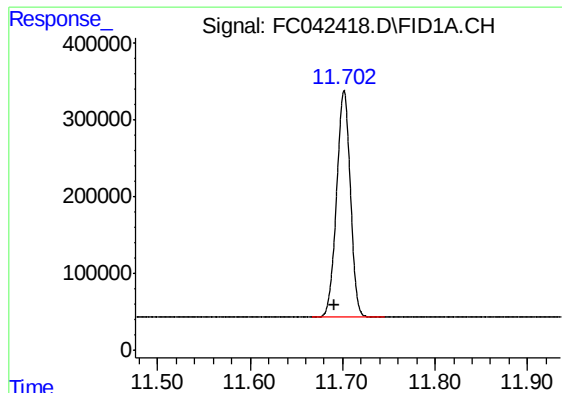
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: 0.008 min
Response: 2947897
Conc: 24.55 ug/ml



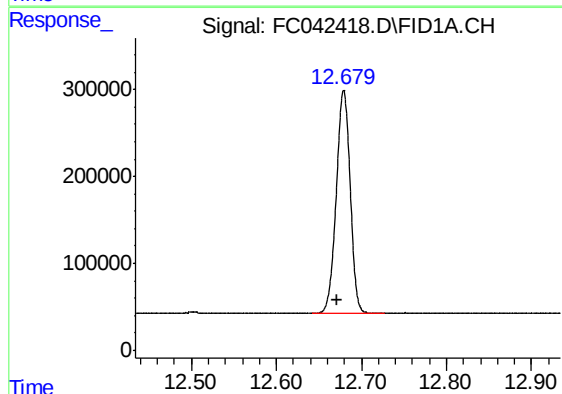
#8 n-Octadecane (C18)

R.T.: 11.376 min
Delta R.T.: 0.008 min
Response: 2929648
Conc: 24.01 ug/ml



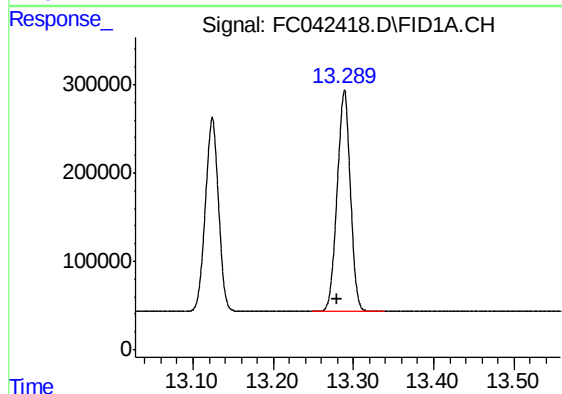
#9 ortho-Terphenyl (SURR)

R.T.: 11.702 min
Delta R.T.: 0.010 min
Response: 3058654
Conc: 23.11 ug/ml



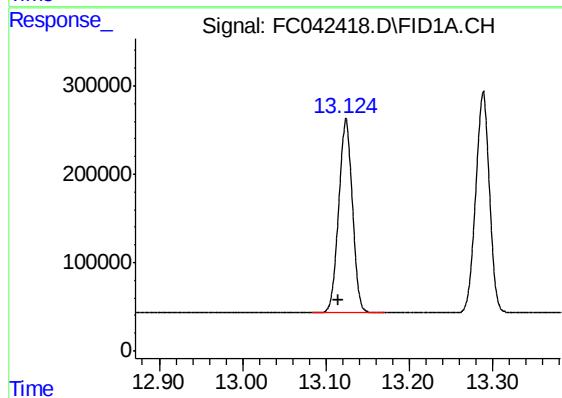
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: 0.008 min
Response: 2910881
Conc: 23.34 ug/ml



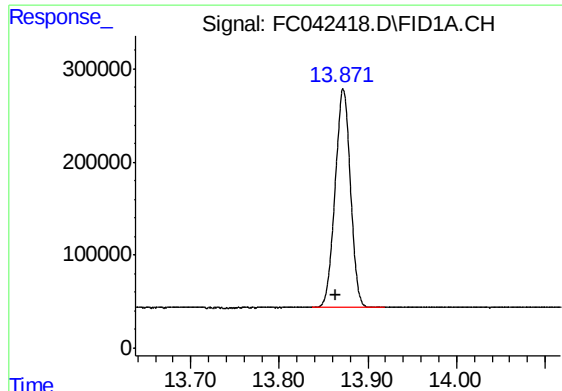
#11 n-Heneicosane (C21)

R.T.: 13.289 min
Delta R.T.: 0.009 min
Response: 2872356
Conc: 22.95 ug/ml



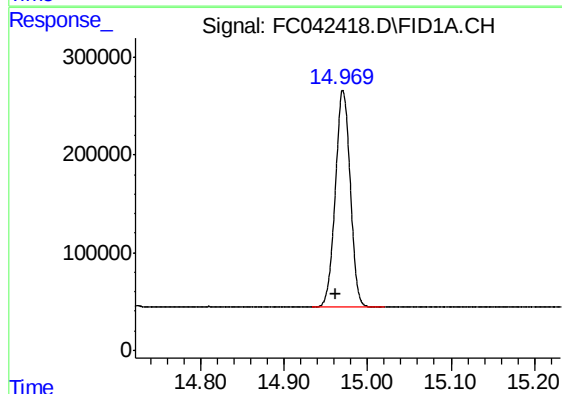
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: 0.009 min
Response: 2494914
Conc: 22.76 ug/ml



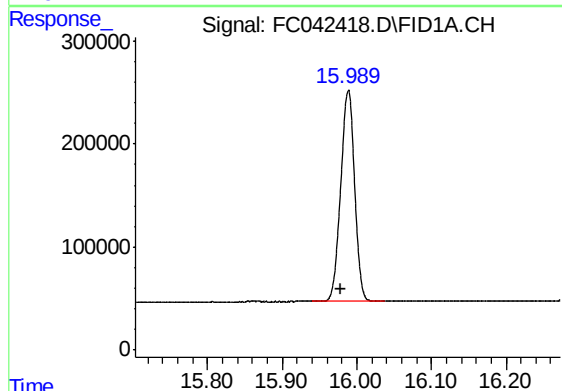
#13 n-Docosane (C22)

R.T.: 13.872 min
Delta R.T.: 0.008 min
Response: 2830480
Conc: 22.57 ug/ml



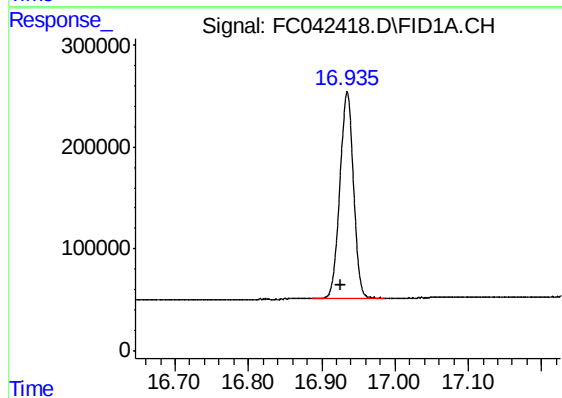
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: 0.009 min
Response: 2747800
Conc: 21.69 ug/ml



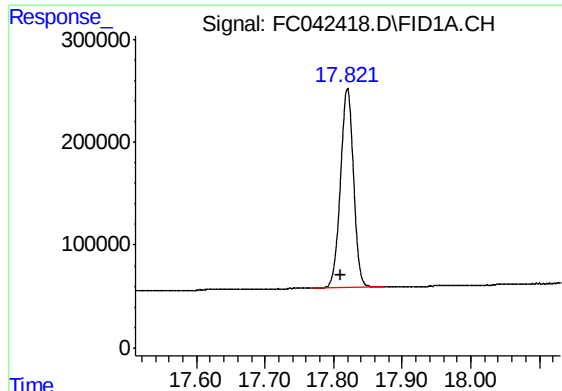
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.010 min
Response: 2654265
Conc: 20.99 ug/ml



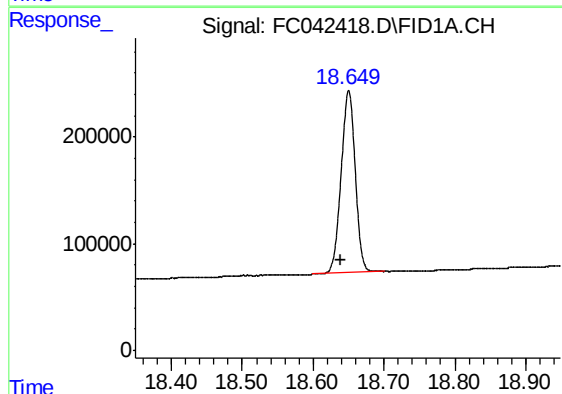
#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: 0.008 min
Response: 2604850
Conc: 20.64 ug/ml



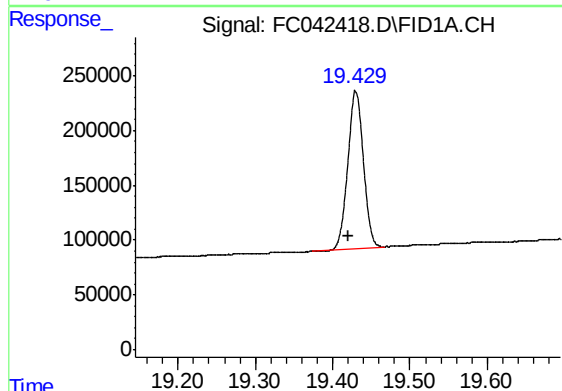
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: 0.009 min
Response: 2545144
Conc: 20.76 ug/ml



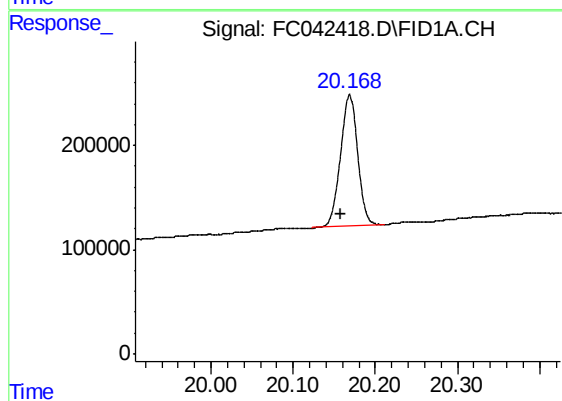
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: 0.011 min
Response: 2371155
Conc: 21.22 ug/ml



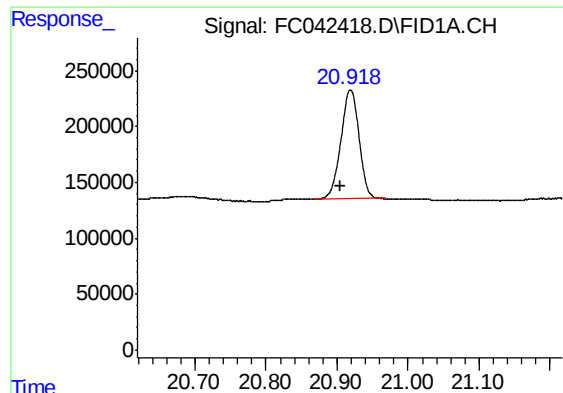
#19 n-Tetatriacontane (C34)

R.T.: 19.430 min
Delta R.T.: 0.010 min
Response: 2021130
Conc: 21.82 ug/ml



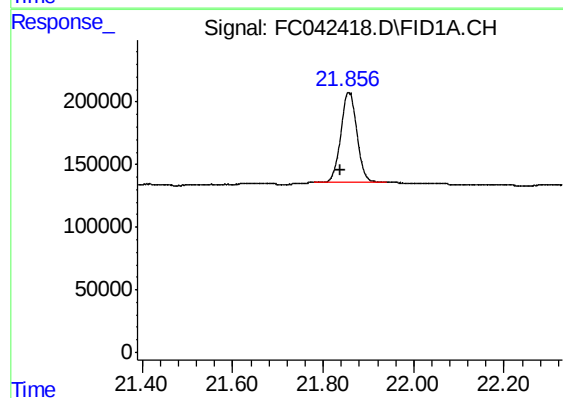
#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: 0.011 min
Response: 1830374
Conc: 22.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: 0.013 min
Response: 1729105
Conc: 24.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: 0.019 min
Response: 1764125
Conc: 25.42 ug/ml