

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072619AL\
 Data File : FC042599.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jul 2019 8:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 00:41:43 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)	11.689	2682145	20.265 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
12) S 1-chlorooctadecane (S...	13.111	2188874	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.489	2407246	20.676 ug/ml
2) T n-Decane (C10)	4.553	2588603	21.941 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2824681	21.760 ug/ml
4) T n-Dodecane (C12)	6.558	2625567	22.127 ug/ml
5) T A~2-methylnaphthalene...	7.191	2849513	21.930 ug/ml
6) T n-Tetradecane (C14)	8.340	2616022	21.988 ug/ml
7) T n-Hexadecane (C16)	9.930	2607247	21.714 ug/ml
8) T n-Octadecane (C18)	11.365	2587596	21.203 ug/ml
10) T n-Eicosane (C20)	12.667	2560694	20.532 ug/ml
11) T n-Heneicosane (C21)	13.275	2520602	20.136 ug/ml
13) T n-Docosane (C22)	13.859	2493534	19.881 ug/ml
14) T n-Tetracosane (C24)	14.958	2416437	19.076 ug/ml
15) T n-Hexacosane (C26)	15.973	2358100	18.649 ug/ml
16) T n-Octacosane (C28)	16.920	2337050	18.520 ug/ml
17) T n-Tricontane (C30)	17.805	2299699	18.759 ug/ml
18) T n-Dotriacontane (C32)	18.633	2146977	19.216 ug/ml
19) T n-Tetratriacontane (C34)	19.415	1805778	19.499 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1669049	20.943 ug/ml
21) T n-Octatriacontane (C38)	20.897	1560030	21.760 ug/ml
22) T n-Tetracontane (C40)	21.829	1606947	23.157 ug/ml

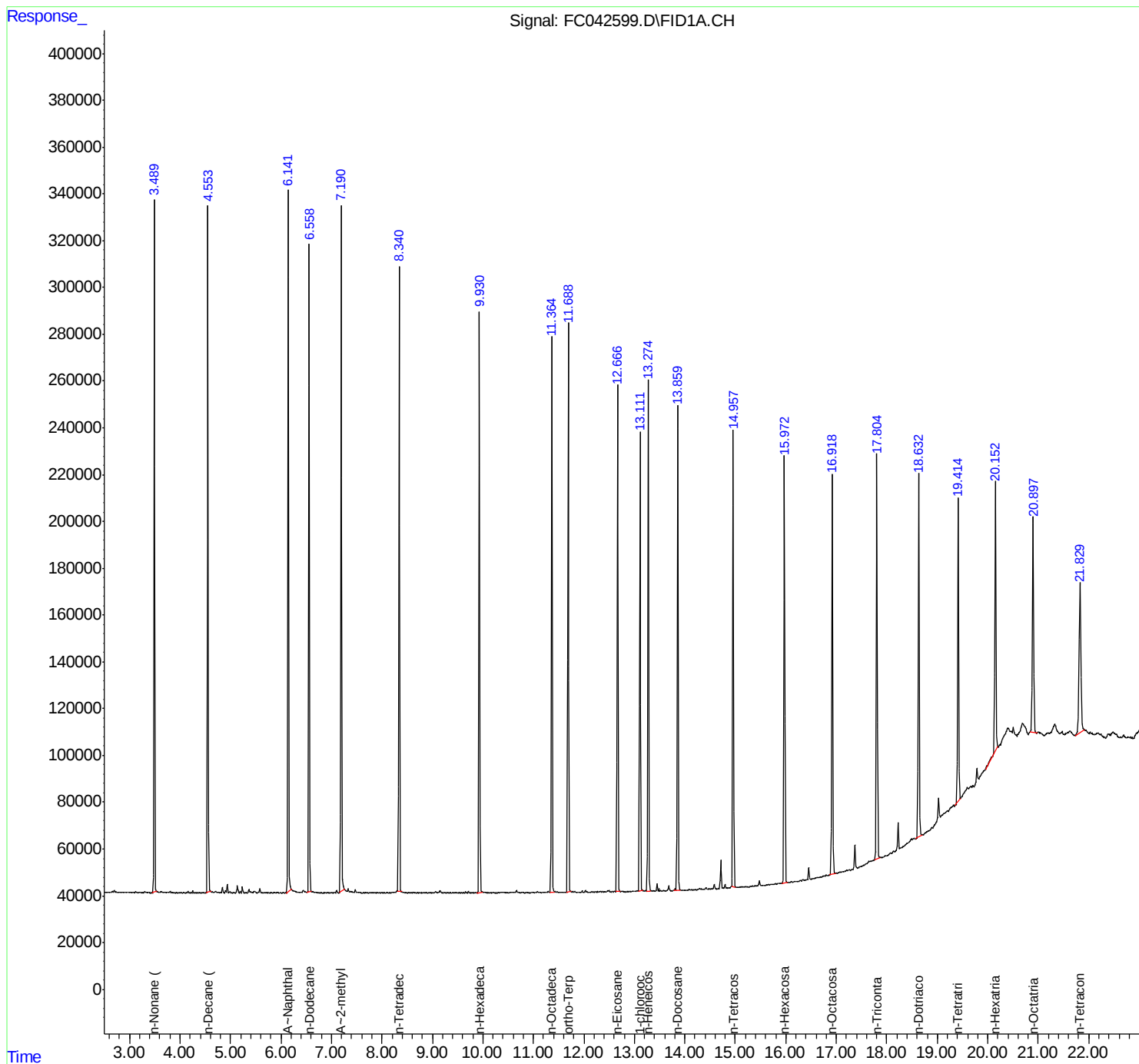
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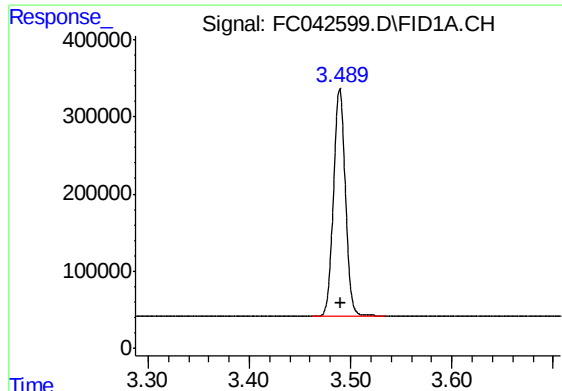
(m)=manual int.

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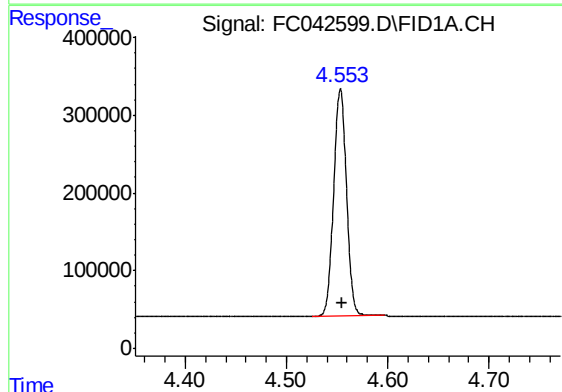
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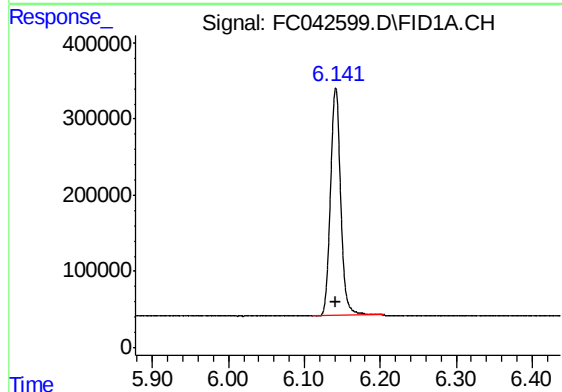
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.002 min
Response: 2407246
Conc: 20.68 ug/ml



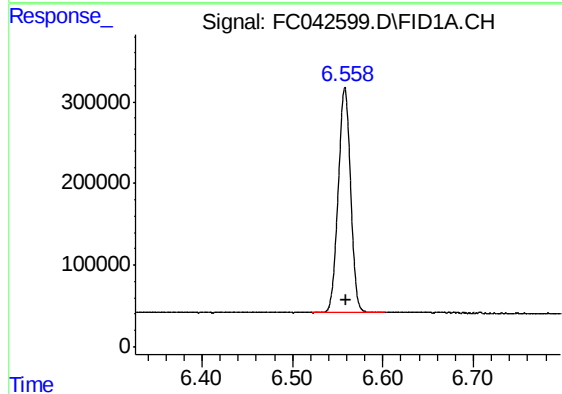
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 2588603
Conc: 21.94 ug/ml



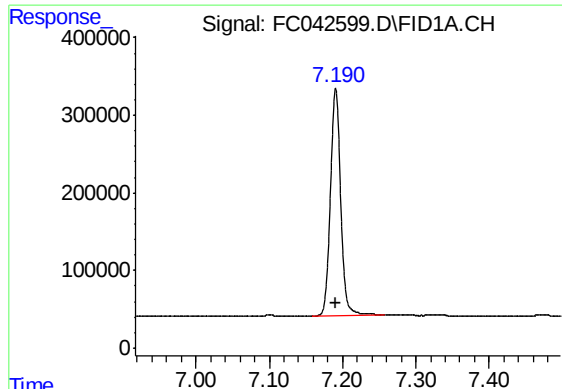
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 2824681
Conc: 21.76 ug/ml



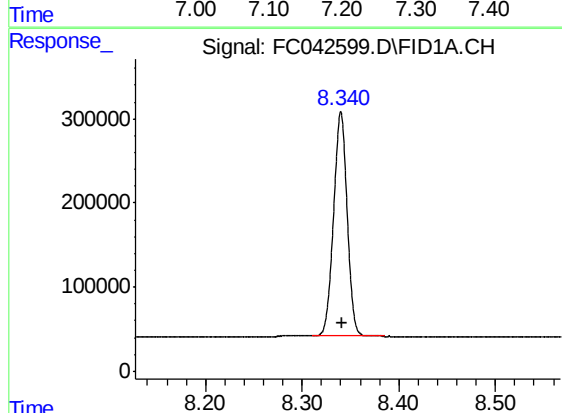
#4 n-Dodecane (C12)

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 2625567
Conc: 22.13 ug/ml



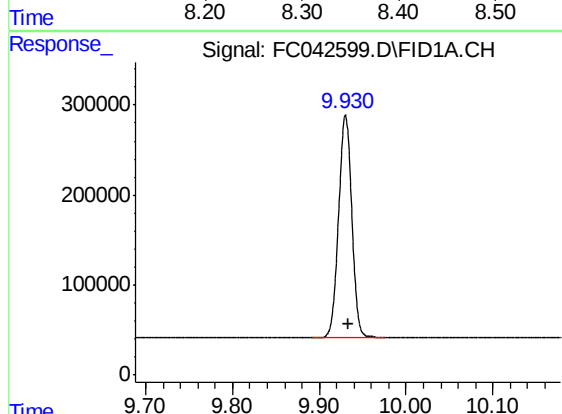
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 2849513
Conc: 21.93 ug/ml



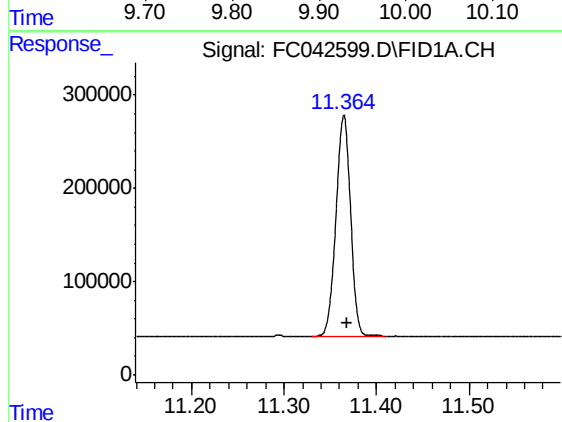
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: -0.002 min
Response: 2616022
Conc: 21.99 ug/ml



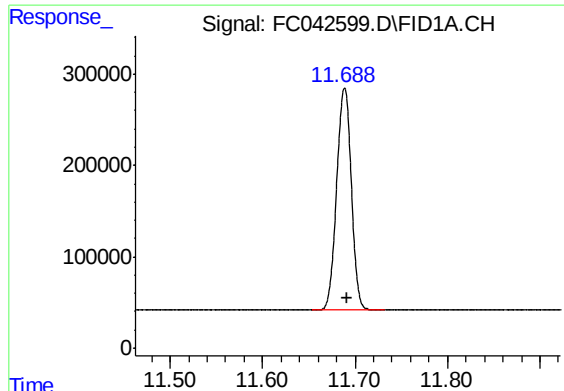
#7 n-Hexadecane (C16)

R.T.: 9.930 min
Delta R.T.: -0.003 min
Response: 2607247
Conc: 21.71 ug/ml



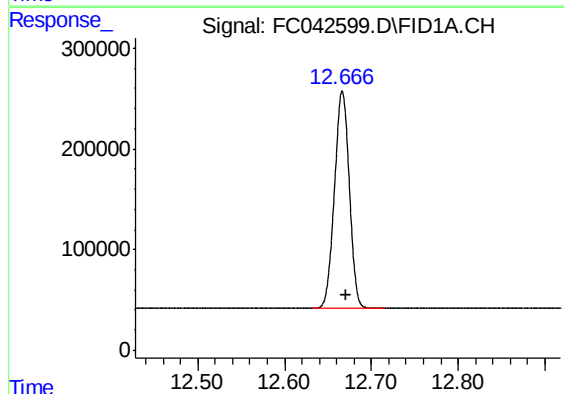
#8 n-Octadecane (C18)

R.T.: 11.365 min
Delta R.T.: -0.003 min
Response: 2587596
Conc: 21.20 ug/ml



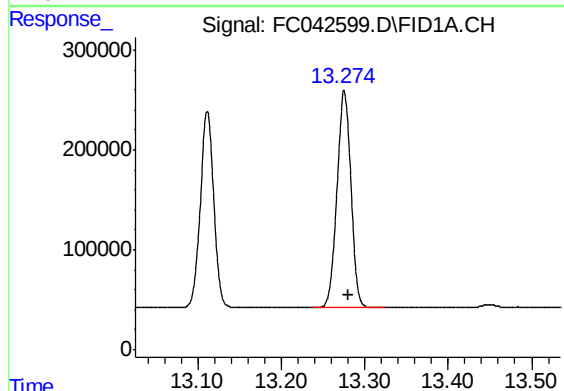
#9 ortho-Terphenyl (SURR)

R.T.: 11.689 min
Delta R.T.: -0.002 min
Response: 2682145
Conc: 20.26 ug/ml



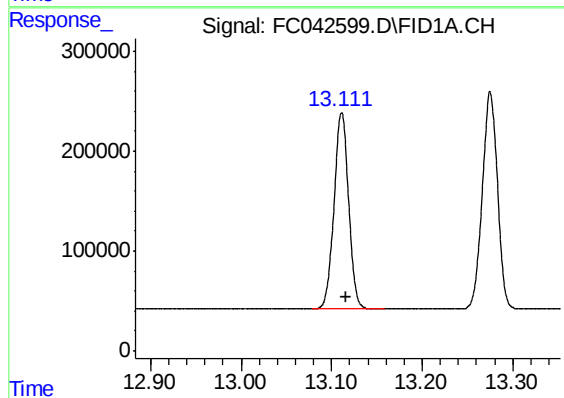
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.004 min
Response: 2560694
Conc: 20.53 ug/ml



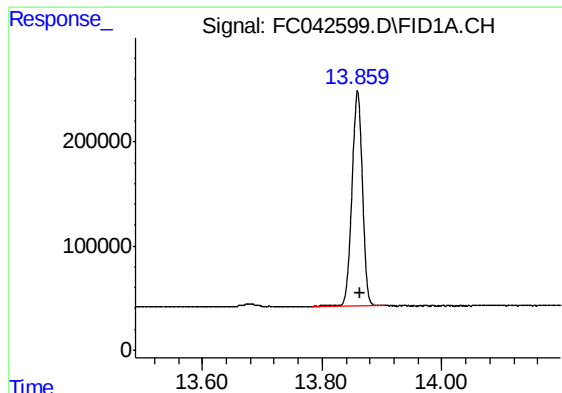
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: -0.005 min
Response: 2520602
Conc: 20.14 ug/ml



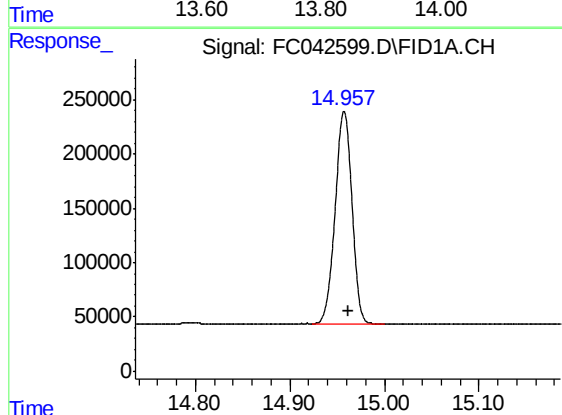
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 2188874
Conc: 19.97 ug/ml



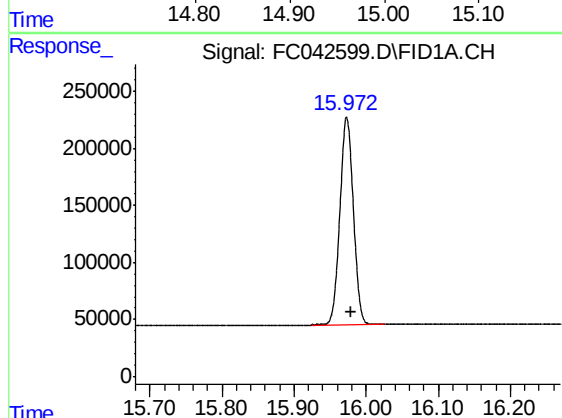
#13 n-Docosane (C22)

R.T.: 13.859 min
Delta R.T.: -0.005 min
Response: 2493534
Conc: 19.88 ug/ml



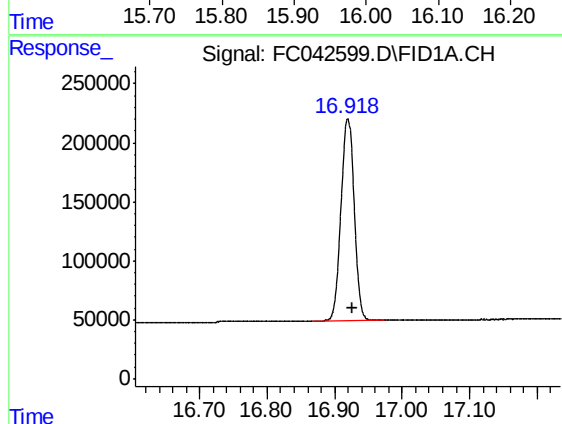
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 2416437
Conc: 19.08 ug/ml



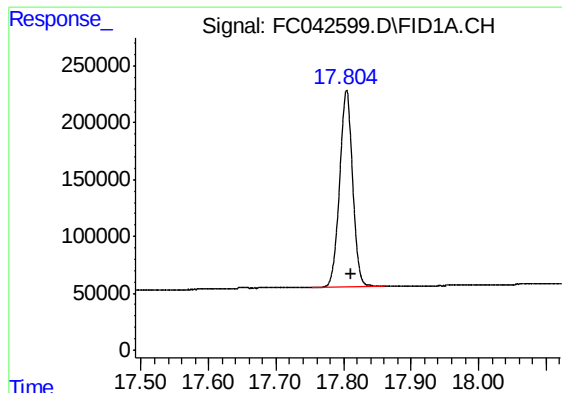
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: -0.006 min
Response: 2358100
Conc: 18.65 ug/ml



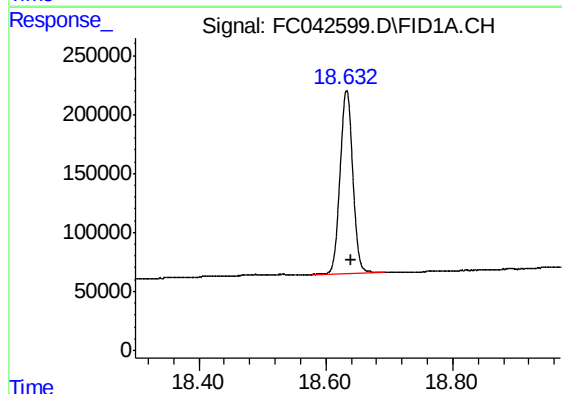
#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: -0.007 min
Response: 2337050
Conc: 18.52 ug/ml



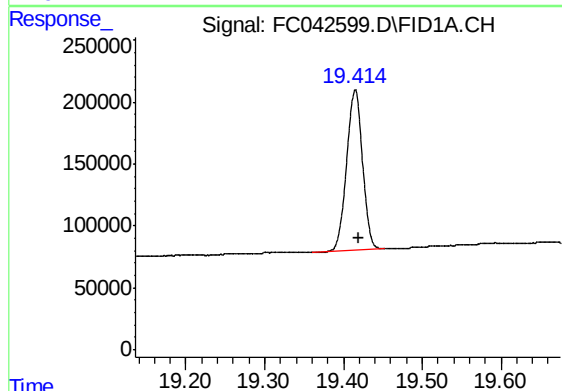
#17 n-Tricontane (C30)

R.T.: 17.805 min
Delta R.T.: -0.006 min
Response: 2299699
Conc: 18.76 ug/ml



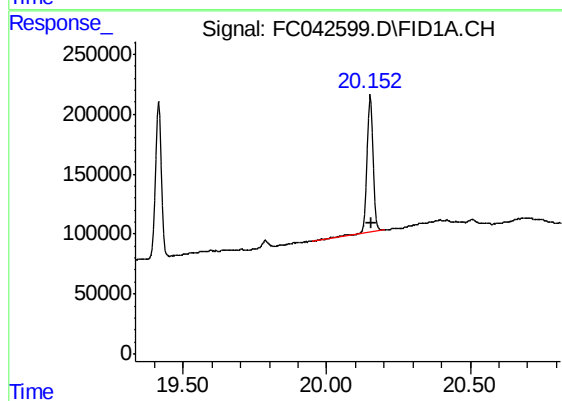
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.006 min
Response: 2146977
Conc: 19.22 ug/ml



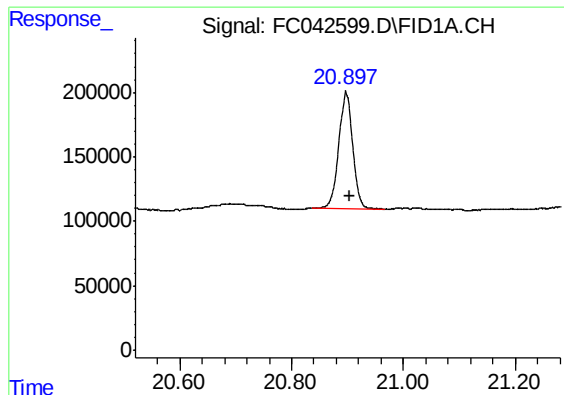
#19 n-Tetatriacontane (C34)

R.T.: 19.415 min
Delta R.T.: -0.005 min
Response: 1805778
Conc: 19.50 ug/ml



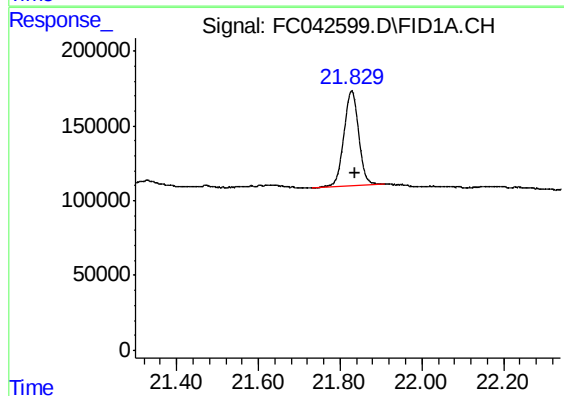
#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: -0.006 min
Response: 1669049
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.897 min
Delta R.T.: -0.007 min
Response: 1560030
Conc: 21.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.829 min
Delta R.T.: -0.009 min
Response: 1606947
Conc: 23.16 ug/ml