

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102219AL\
 Data File : FC044119.D
 Signal(s) : FID1A.CH
 Acq On : 22 Oct 2019 12:08
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 22 12:35:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:33:41 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)	11.704	634298	3.774 ug/ml
Spiked Amount 50.000		Recovery =	7.55%
12) S 1-chlorooctadecane (S...	13.140	491428	3.796 ug/ml
Spiked Amount 50.000		Recovery =	7.59%
Target Compounds			
1) T n-Nonane (C9)	3.429	518534	4.543 ug/ml
2) T n-Decane (C10)	4.505	524264	4.561 ug/ml
3) T A~Naphthalene (C11.7)	6.102	585910	4.549 ug/ml
4) T n-Dodecane (C12)	6.532	530741	4.561 ug/ml
5) T A~2-methylnaphthalene...	7.161	591598	4.533 ug/ml
6) T n-Tetradecane (C14)	8.332	533652	4.563 ug/ml
7) T n-Hexadecane (C16)	9.936	542957	4.596 ug/ml
8) T n-Octadecane (C18)	11.381	544580	4.606 ug/ml
10) T n-Eicosane (C20)	12.694	541717	4.592 ug/ml
11) T n-Heneicosane (C21)	13.306	546947	4.609 ug/ml
13) T n-Docosane (C22)	13.893	539016	4.585 ug/ml
14) T n-Tetracosane (C24)	14.999	538471	4.597 ug/ml
15) T n-Hexacosane (C26)	16.022	527290	4.591 ug/ml
16) T n-Octacosane (C28)	16.973	522966	4.637 ug/ml
17) T n-Tricontane (C30)	17.862	513068	4.653 ug/ml
18) T n-Dotriacontane (C32)	18.697	484759	4.627 ug/ml
19) T n-Tetratriacontane (C34)	19.481	450182	4.638 ug/ml
20) T n-Hexatriacontane (C36)	20.223	409903	4.589 ug/ml
21) T n-Octatriacontane (C38)	20.992	381064	4.575 ug/ml
22) T n-Tetracontane (C40)	21.961	370947	4.147 ug/ml

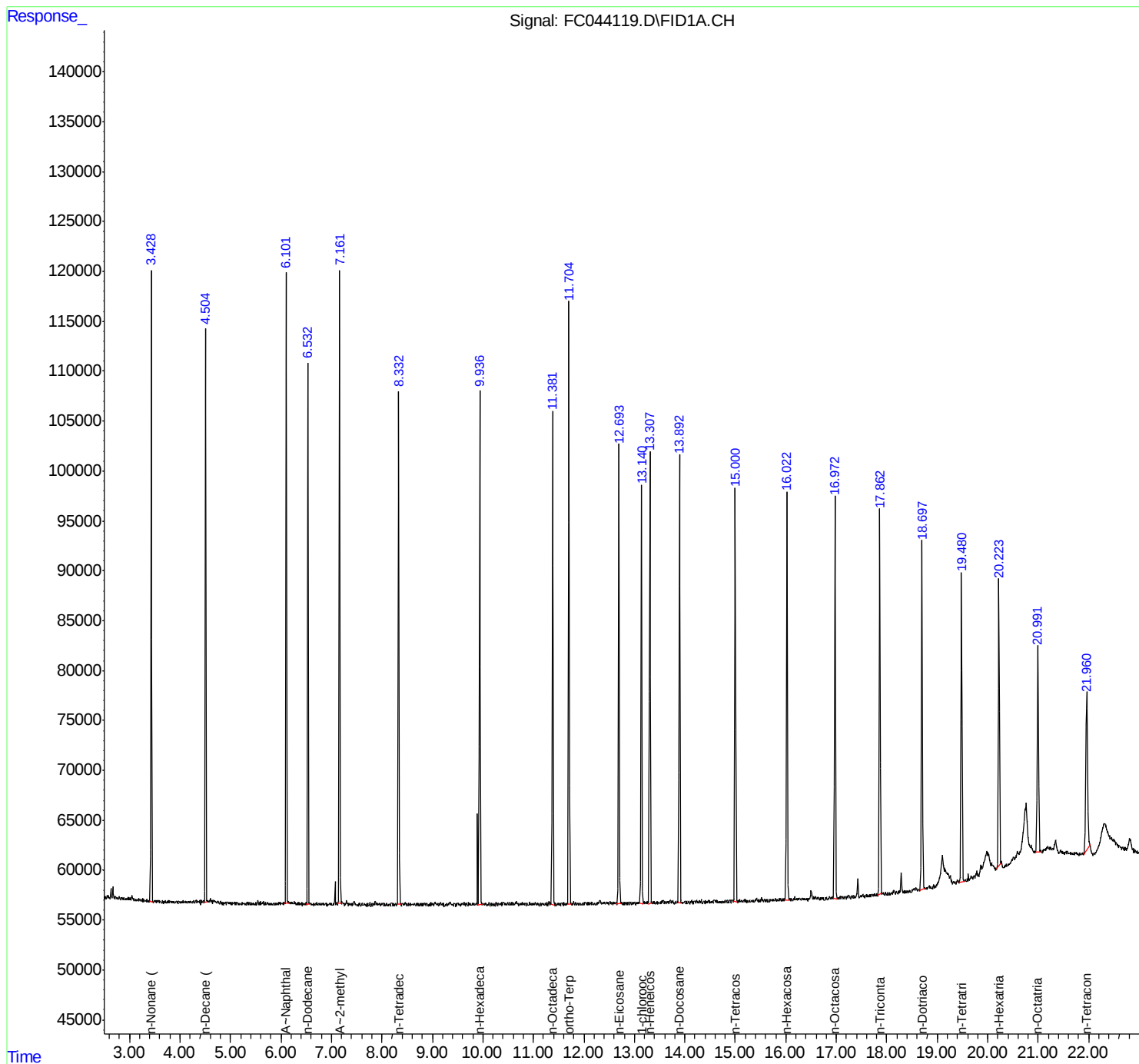
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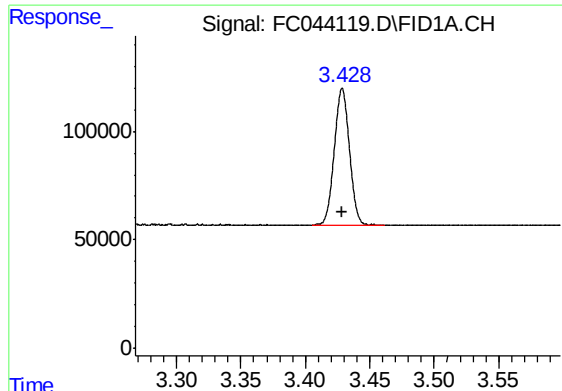
(m)=manual int.

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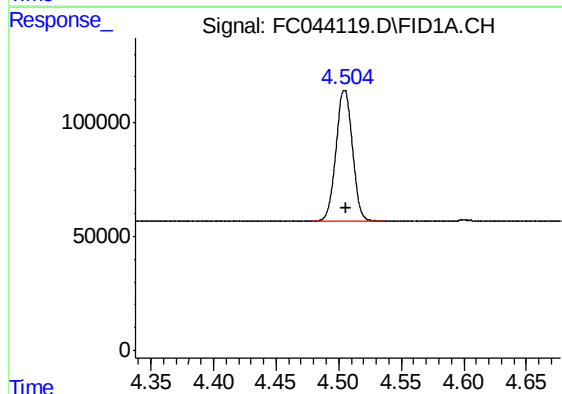
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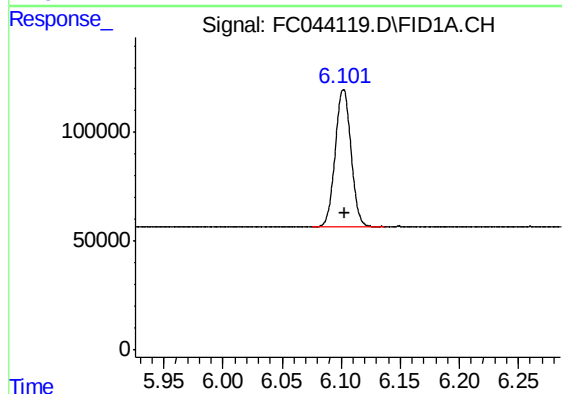
#1 n-Nonane (C9)

R.T.: 3.429 min
Delta R.T.: 0.000 min
Response: 518534
Conc: 4.54 ug/ml



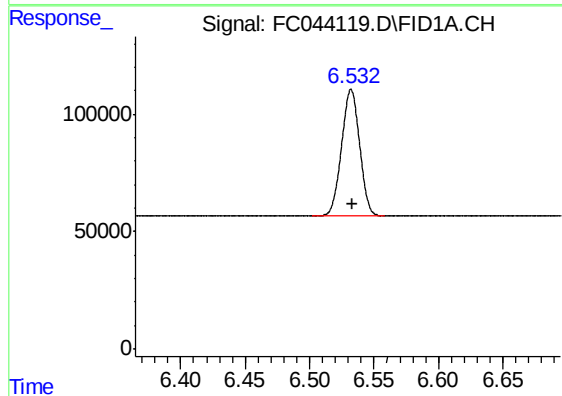
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 524264
Conc: 4.56 ug/ml



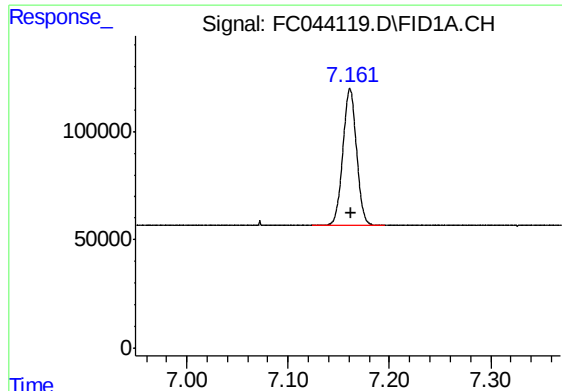
#3 A~Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 585910
Conc: 4.55 ug/ml



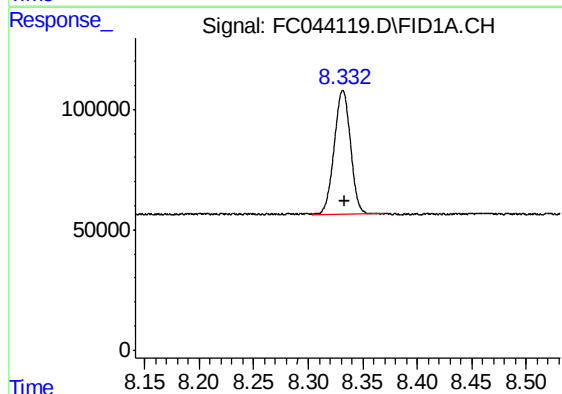
#4 n-Dodecane (C12)

R.T.: 6.532 min
Delta R.T.: -0.001 min
Response: 530741
Conc: 4.56 ug/ml



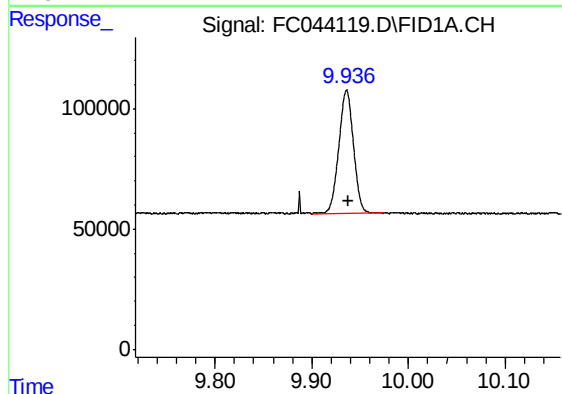
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 591598
Conc: 4.53 ug/ml



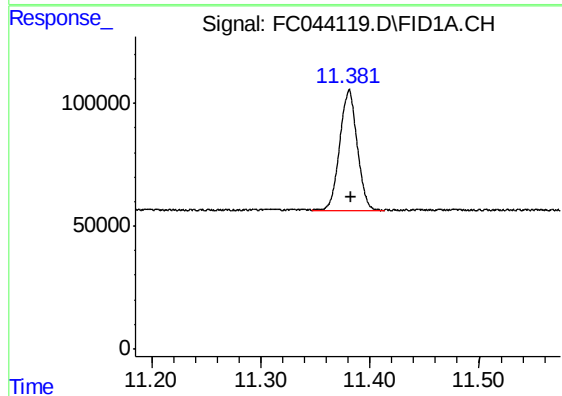
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: -0.001 min
Response: 533652
Conc: 4.56 ug/ml



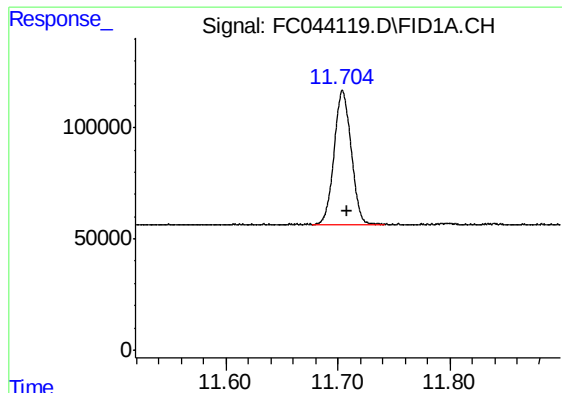
#7 n-Hexadecane (C16)

R.T.: 9.936 min
Delta R.T.: -0.002 min
Response: 542957
Conc: 4.60 ug/ml



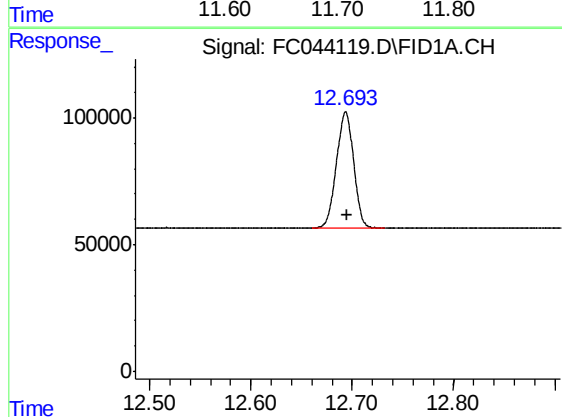
#8 n-Octadecane (C18)

R.T.: 11.381 min
Delta R.T.: -0.002 min
Response: 544580
Conc: 4.61 ug/ml



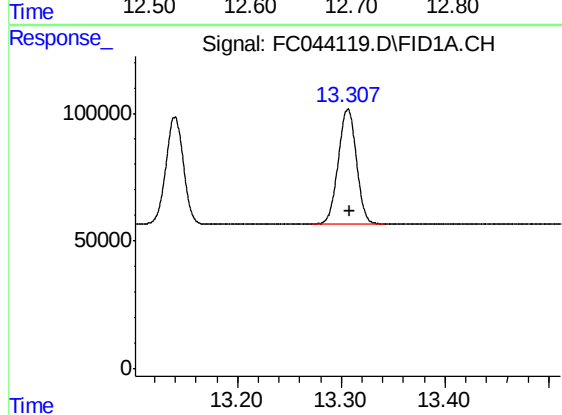
#9 ortho-Terphenyl (SURR)

R.T.: 11.704 min
Delta R.T.: -0.004 min
Response: 634298
Conc: 3.77 ug/ml



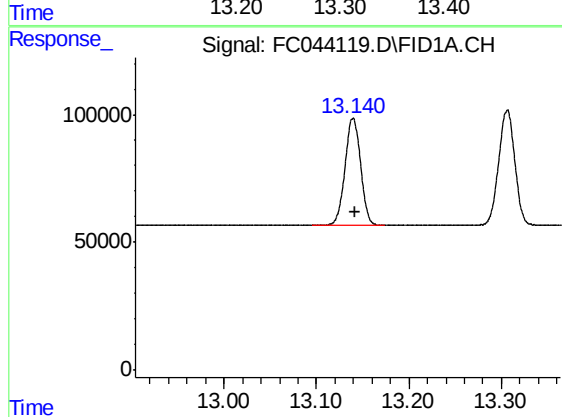
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 541717
Conc: 4.59 ug/ml



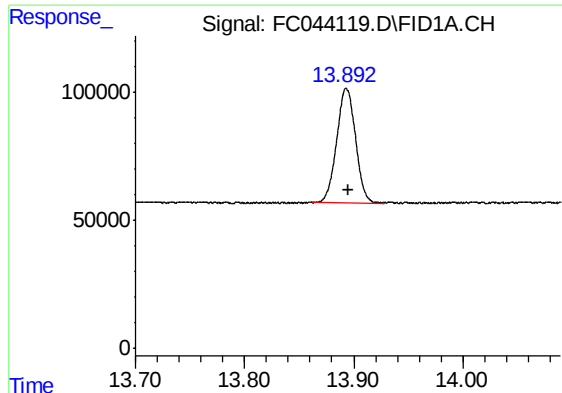
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.001 min
Response: 546947
Conc: 4.61 ug/ml



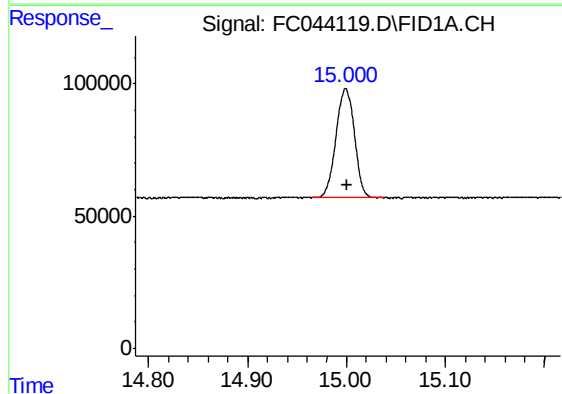
#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: -0.003 min
Response: 491428
Conc: 3.80 ug/ml



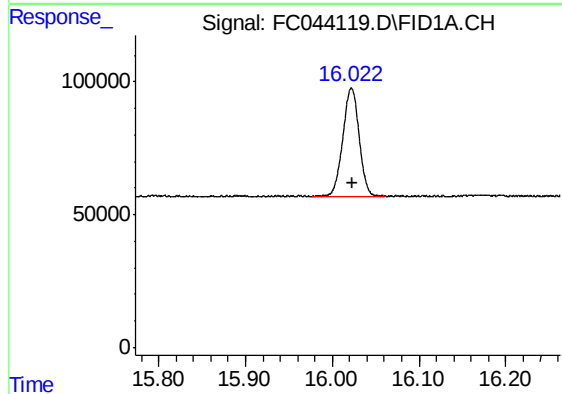
#13 n-Docosane (C22)

R.T.: 13.893 min
Delta R.T.: -0.002 min
Response: 539016
Conc: 4.58 ug/ml



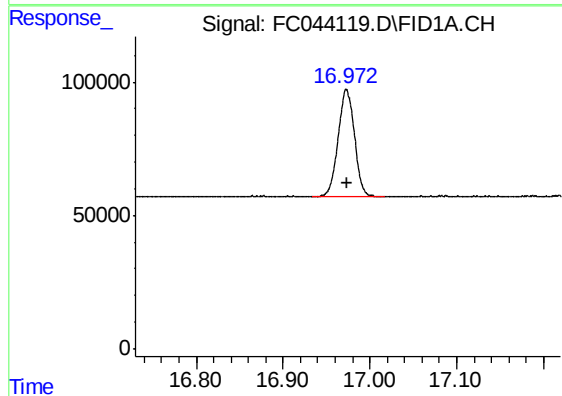
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.002 min
Response: 538471
Conc: 4.60 ug/ml



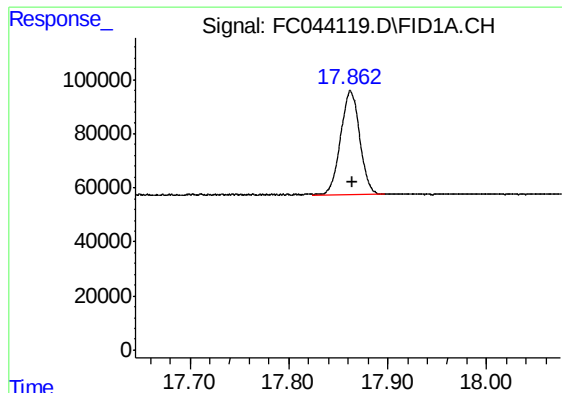
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.001 min
Response: 527290
Conc: 4.59 ug/ml



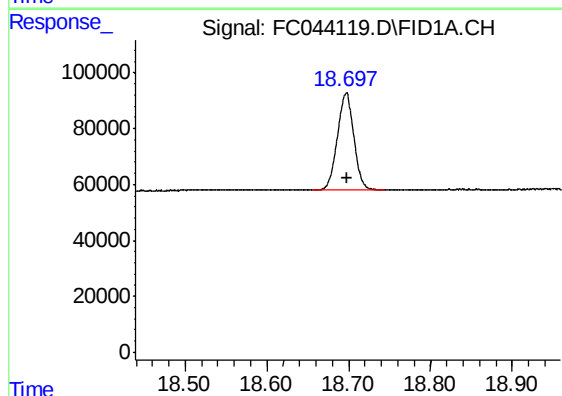
#16 n-Octacosane (C28)

R.T.: 16.973 min
Delta R.T.: -0.002 min
Response: 522966
Conc: 4.64 ug/ml



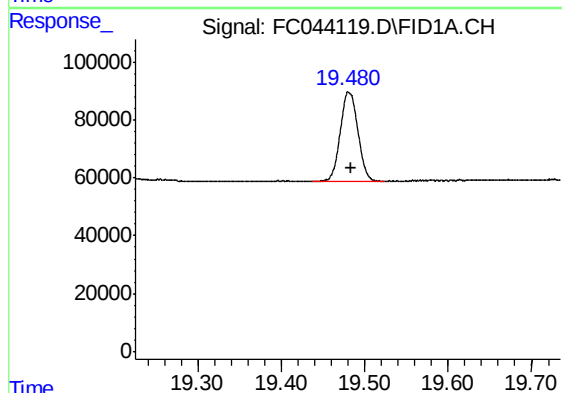
#17 n-Tricontane (C30)

R.T.: 17.862 min
Delta R.T.: -0.002 min
Response: 513068
Conc: 4.65 ug/ml



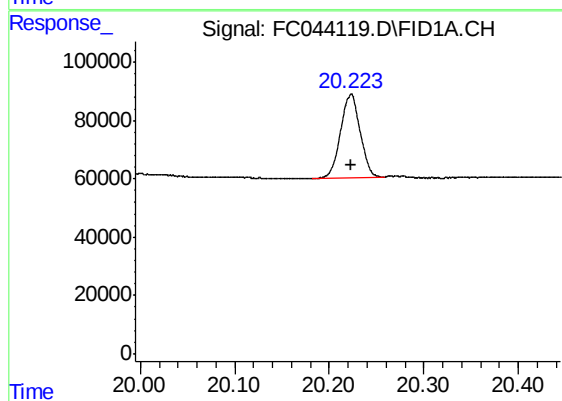
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: -0.001 min
Response: 484759
Conc: 4.63 ug/ml



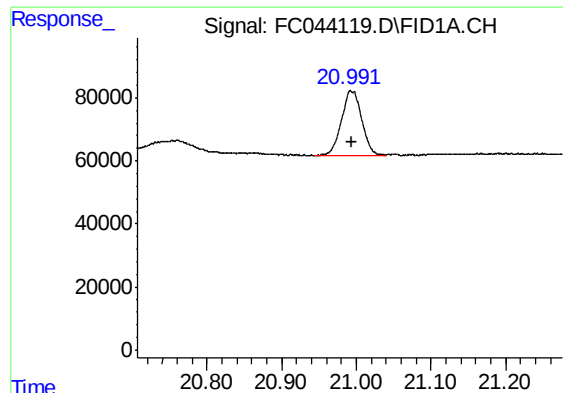
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: -0.003 min
Response: 450182
Conc: 4.64 ug/ml



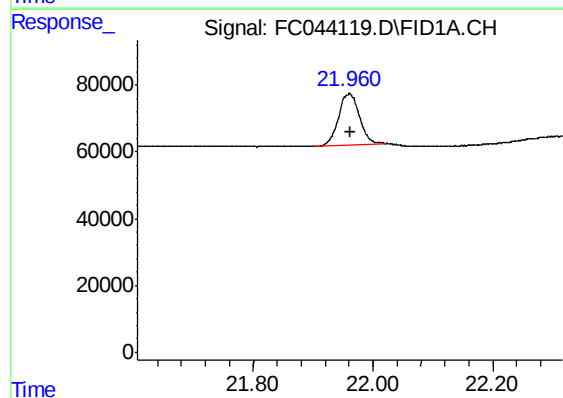
#20 n-Hexatriacontane (C36)

R.T.: 20.223 min
Delta R.T.: 0.000 min
Response: 409903
Conc: 4.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.992 min
Delta R.T.: -0.002 min
Response: 381064
Conc: 4.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: 0.000 min
Response: 370947
Conc: 4.15 ug/ml