

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072519AL\
 Data File : FC042549.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jul 2019 9:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 26 00:39:48 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	2837792	21.441 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
12) S 1-chlorooctadecane (S...	13.111	2329778	21.252 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
Target Compounds			
1) T n-Nonane (C9)	3.489	2529092	21.722 ug/ml
2) T n-Decane (C10)	4.554	2702568	22.906 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2974672	22.915 ug/ml
4) T n-Dodecane (C12)	6.558	2743405	23.120 ug/ml
5) T A~2-methylnaphthalene...	7.190	2990838	23.017 ug/ml
6) T n-Tetradecane (C14)	8.340	2731422	22.957 ug/ml
7) T n-Hexadecane (C16)	9.931	2734054	22.770 ug/ml
8) T n-Octadecane (C18)	11.365	2727898	22.353 ug/ml
10) T n-Eicosane (C20)	12.667	2715155	21.771 ug/ml
11) T n-Heneicosane (C21)	13.276	2678624	21.399 ug/ml
13) T n-Docosane (C22)	13.859	2644928	21.088 ug/ml
14) T n-Tetracosane (C24)	14.957	2574114	20.321 ug/ml
15) T n-Hexacosane (C26)	15.974	2493034	19.716 ug/ml
16) T n-Octacosane (C28)	16.919	2434709	19.294 ug/ml
17) T n-Tricontane (C30)	17.804	2351842	19.184 ug/ml
18) T n-Dotriacontane (C32)	18.634	2165971	19.386 ug/ml
19) T n-Tetratriacontane (C34)	19.414	1834675	19.811 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1632275	20.481 ug/ml
21) T n-Octatriacontane (C38)	20.897	1536191	21.427 ug/ml
22) T n-Tetracontane (C40)	21.828	1546967	22.293 ug/ml

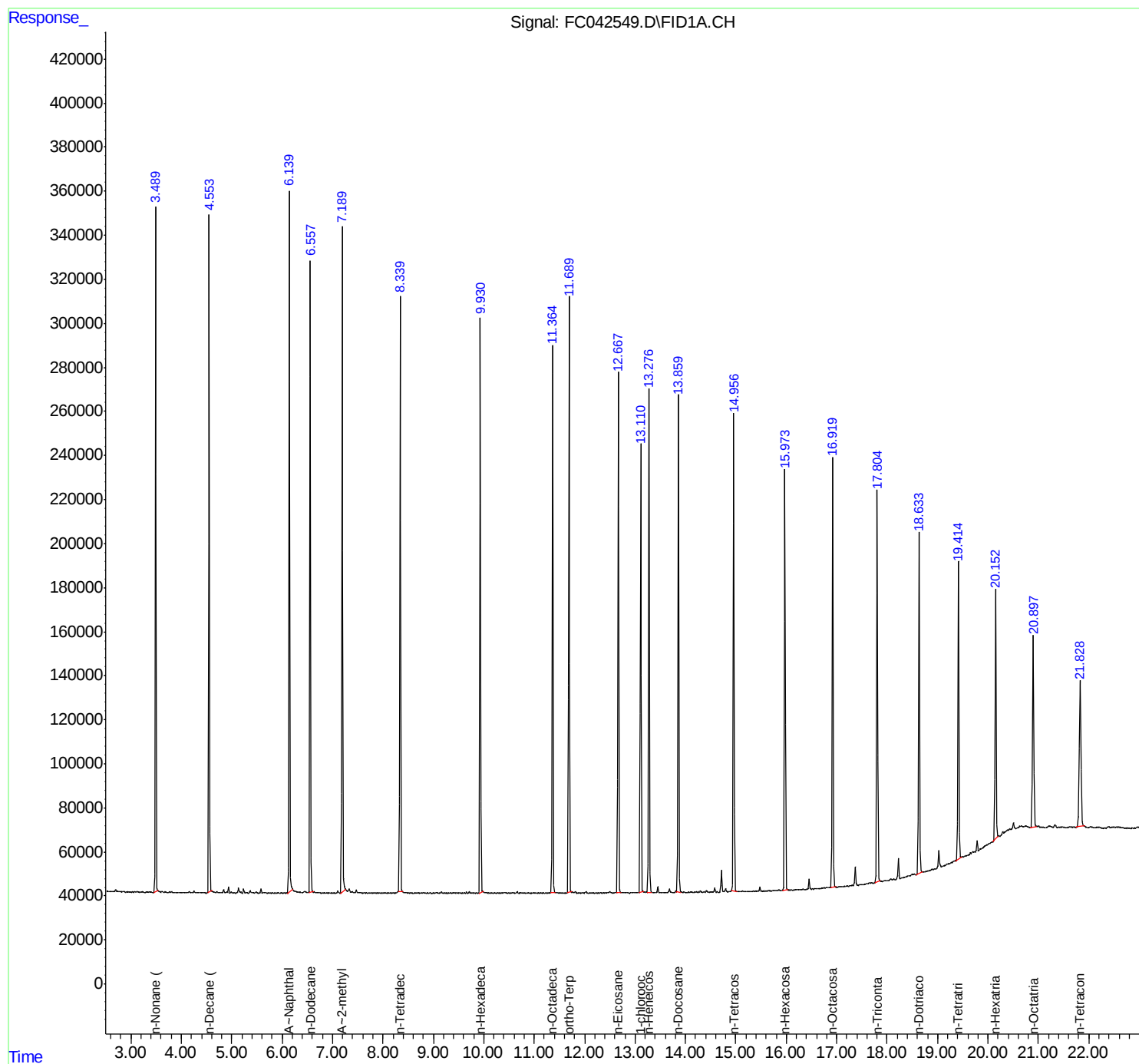
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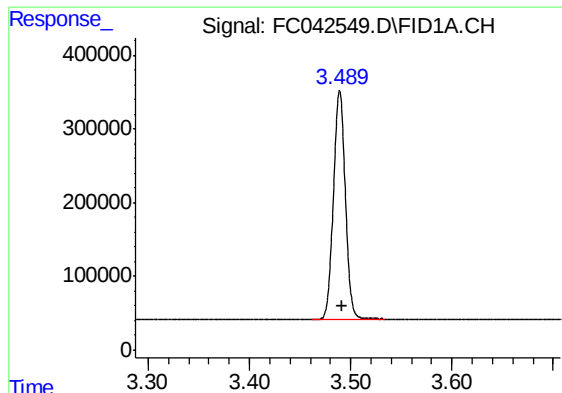
(m)=manual int.

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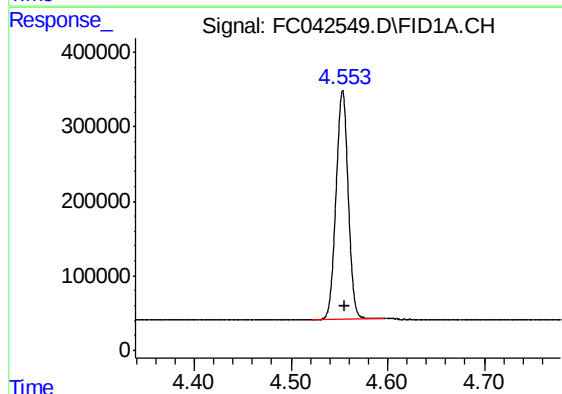
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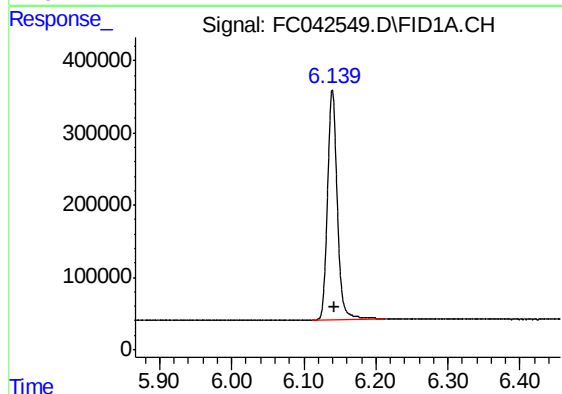
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.002 min
Response: 2529092
Conc: 21.72 ug/ml



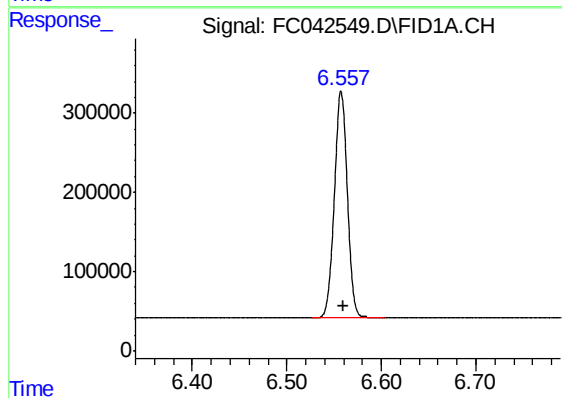
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 2702568
Conc: 22.91 ug/ml



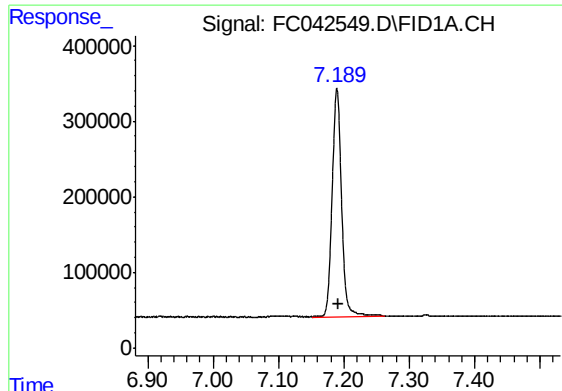
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 2974672
Conc: 22.92 ug/ml



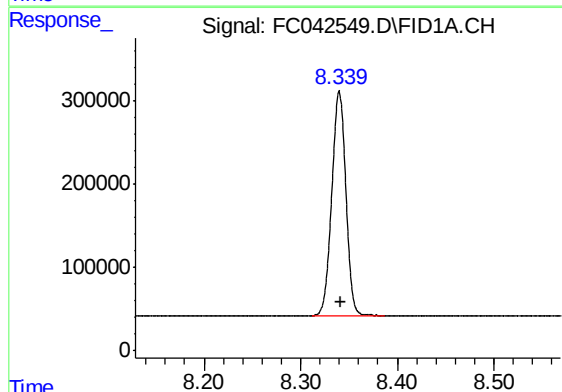
#4 n-Dodecane (C12)

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 2743405
Conc: 23.12 ug/ml



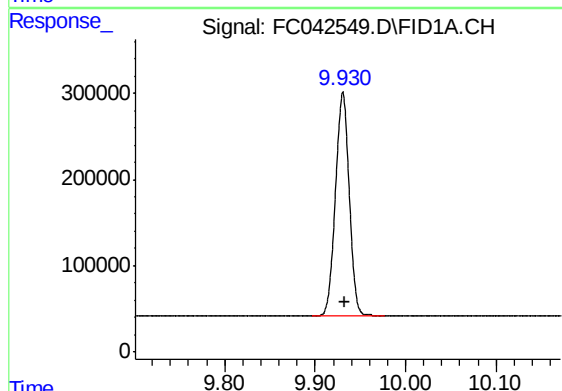
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.190 min
Delta R.T.: -0.001 min
Response: 2990838
Conc: 23.02 ug/ml



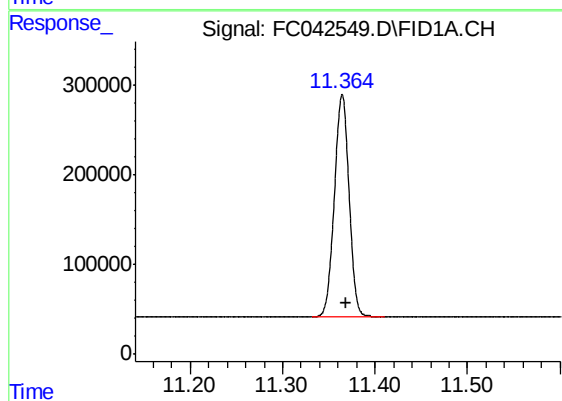
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: -0.002 min
Response: 2731422
Conc: 22.96 ug/ml



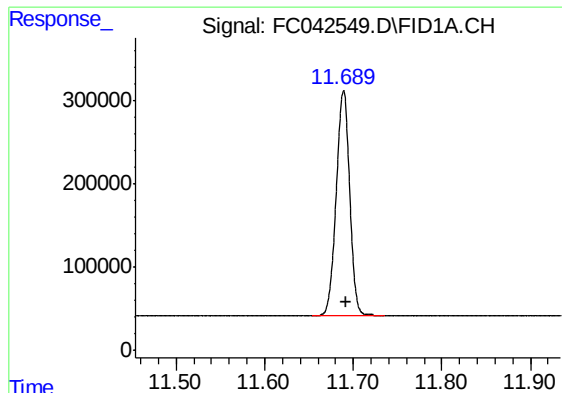
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 2734054
Conc: 22.77 ug/ml



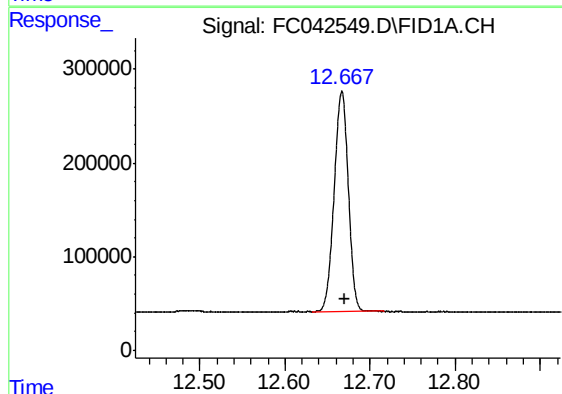
#8 n-Octadecane (C18)

R.T.: 11.365 min
Delta R.T.: -0.004 min
Response: 2727898
Conc: 22.35 ug/ml



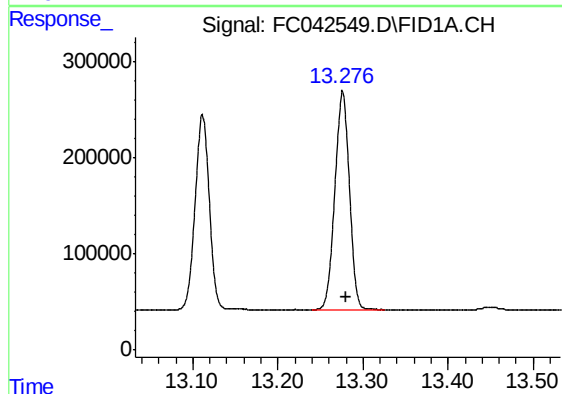
#9 ortho-Terphenyl (SURR)

R.T.: 11.689 min
Delta R.T.: -0.002 min
Response: 2837792
Conc: 21.44 ug/ml



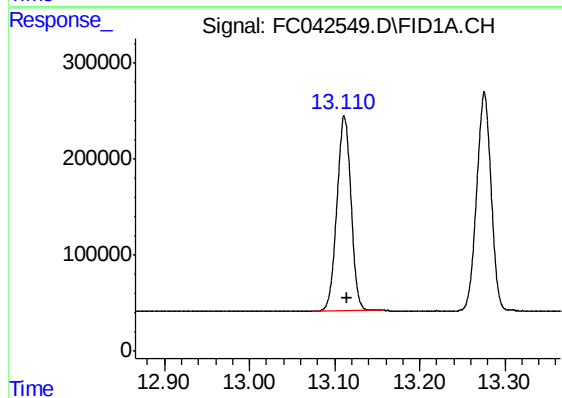
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.004 min
Response: 2715155
Conc: 21.77 ug/ml



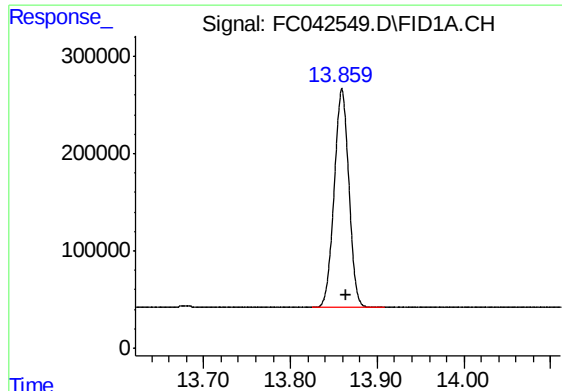
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.004 min
Response: 2678624
Conc: 21.40 ug/ml



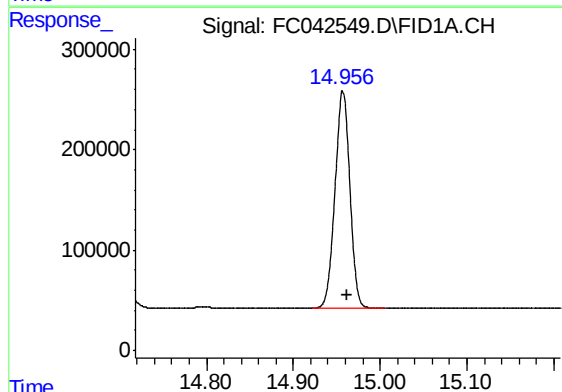
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 2329778
Conc: 21.25 ug/ml



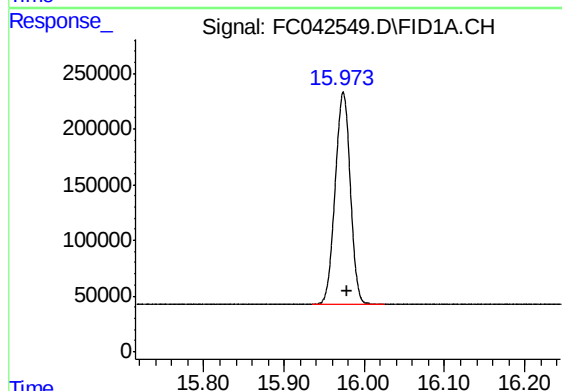
#13 n-Docosane (C22)

R.T.: 13.859 min
Delta R.T.: -0.005 min
Response: 2644928
Conc: 21.09 ug/ml



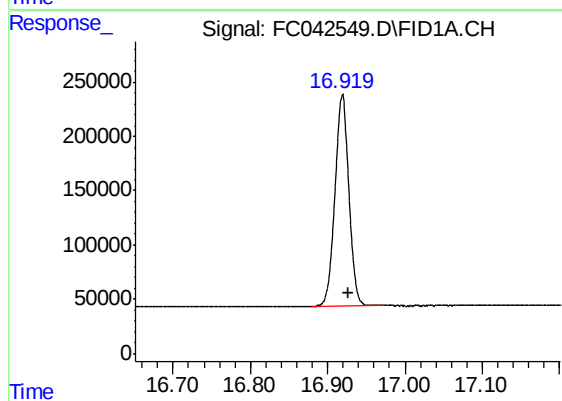
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: -0.005 min
Response: 2574114
Conc: 20.32 ug/ml



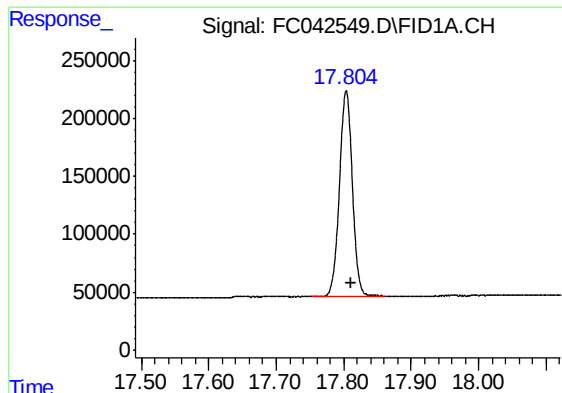
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: -0.005 min
Response: 2493034
Conc: 19.72 ug/ml



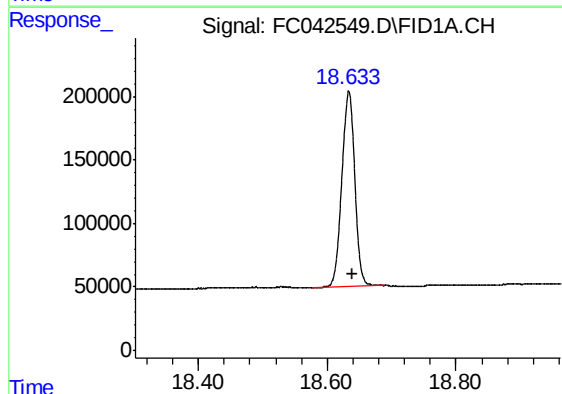
#16 n-Octacosane (C28)

R.T.: 16.919 min
Delta R.T.: -0.007 min
Response: 2434709
Conc: 19.29 ug/ml



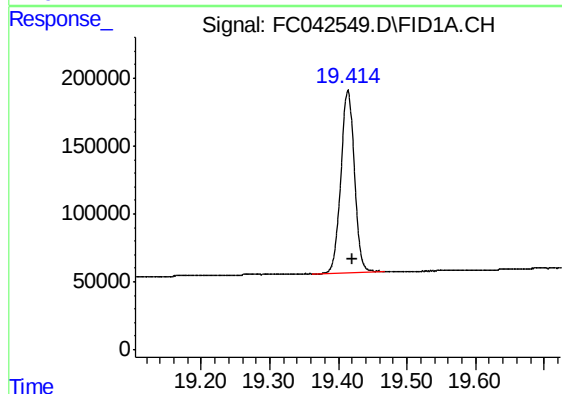
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.007 min
Response: 2351842
Conc: 19.18 ug/ml



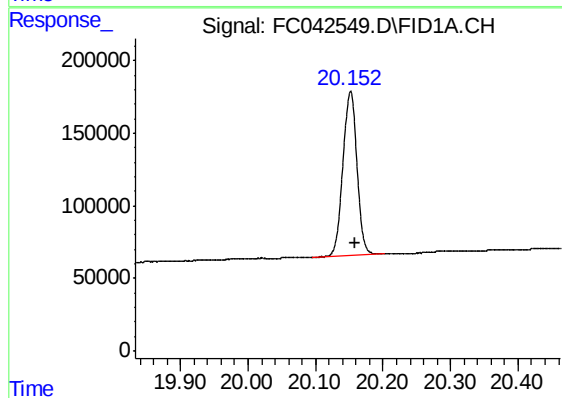
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.005 min
Response: 2165971
Conc: 19.39 ug/ml



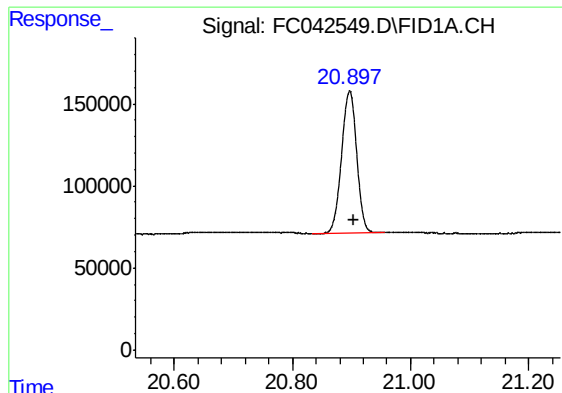
#19 n-Tetatriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.006 min
Response: 1834675
Conc: 19.81 ug/ml



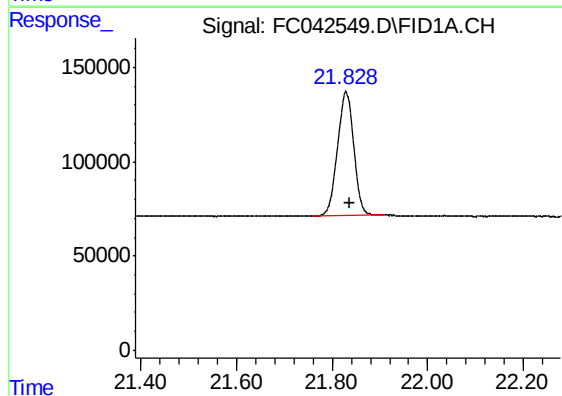
#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: -0.006 min
Response: 1632275
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.897 min
Delta R.T.: -0.007 min
Response: 1536191
Conc: 21.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.828 min
Delta R.T.: -0.009 min
Response: 1546967
Conc: 22.29 ug/ml