

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072219AL\
 Data File : FC042494.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2019 1:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 23 02:18:27 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)	11.697	2757755	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	13.120	2252420	20.546 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.492	2507723	21.539 ug/ml
2) T n-Decane (C10)	4.557	2649834	22.459 ug/ml
3) T A~Naphthalene (C11.7)	6.146	2902862	22.362 ug/ml
4) T n-Dodecane (C12)	6.562	2680451	22.590 ug/ml
5) T A~2-methylnaphthalene...	7.196	2912836	22.417 ug/ml
6) T n-Tetradecane (C14)	8.346	2671942	22.458 ug/ml
7) T n-Hexadecane (C16)	9.938	2666612	22.209 ug/ml
8) T n-Octadecane (C18)	11.372	2651843	21.730 ug/ml
10) T n-Eicosane (C20)	12.675	2626956	21.064 ug/ml
11) T n-Heneicosane (C21)	13.284	2590699	20.696 ug/ml
13) T n-Docosane (C22)	13.869	2556449	20.382 ug/ml
14) T n-Tetracosane (C24)	14.966	2483333	19.604 ug/ml
15) T n-Hexacosane (C26)	15.984	2406457	19.031 ug/ml
16) T n-Octacosane (C28)	16.931	2348814	18.613 ug/ml
17) T n-Tricontane (C30)	17.816	2264093	18.469 ug/ml
18) T n-Dotriacontane (C32)	18.646	2093028	18.733 ug/ml
19) T n-Tetratriacontane (C34)	19.426	1748745	18.883 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1609082	20.190 ug/mlm
21) T n-Octatriacontane (C38)	20.915	1563006	21.801 ug/mlm
22) T n-Tetracontane (C40)	21.850	1541289	22.211 ug/ml

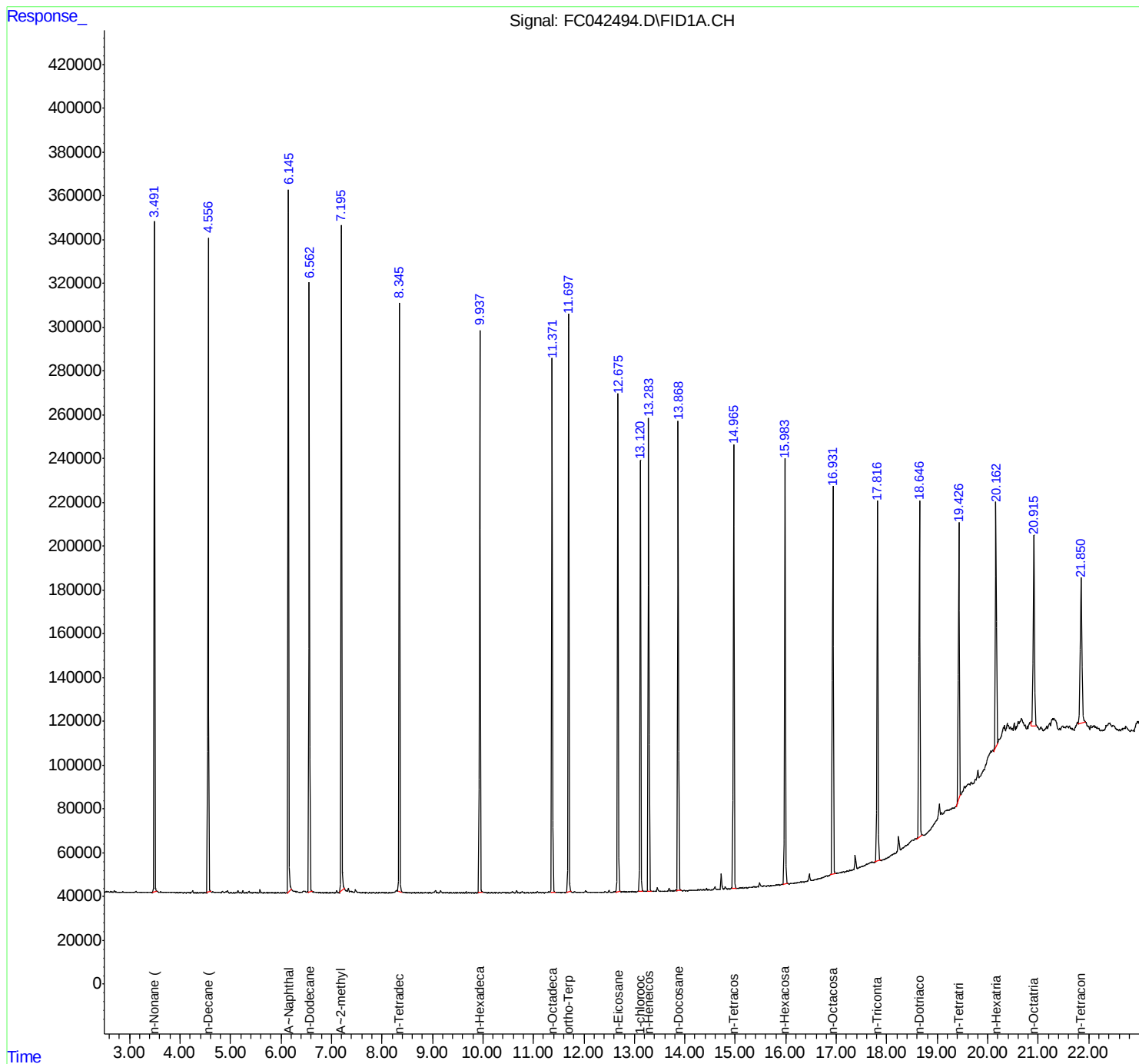
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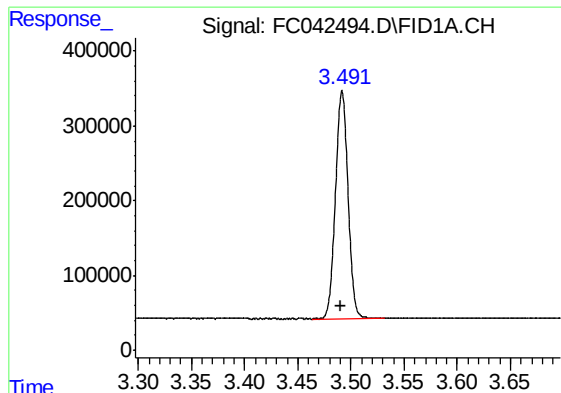
(m)=manual int.

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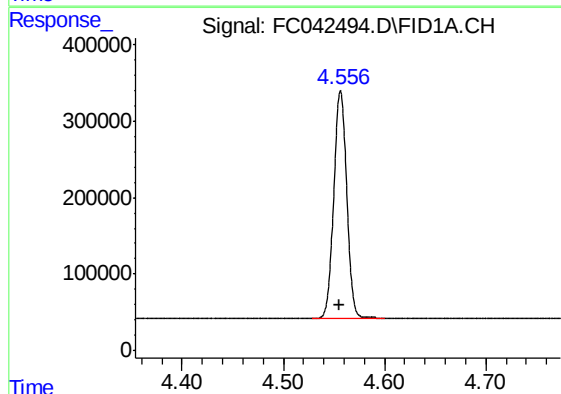
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





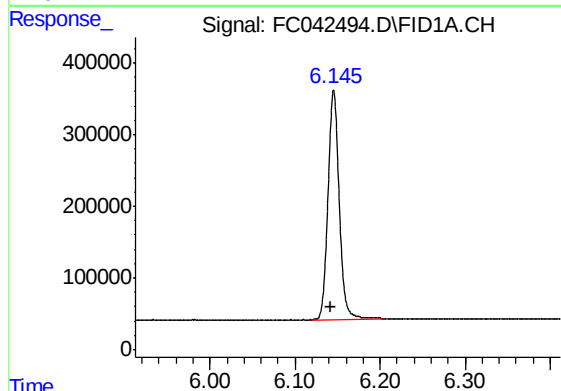
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.000 min
Response: 2507723
Conc: 21.54 ug/ml



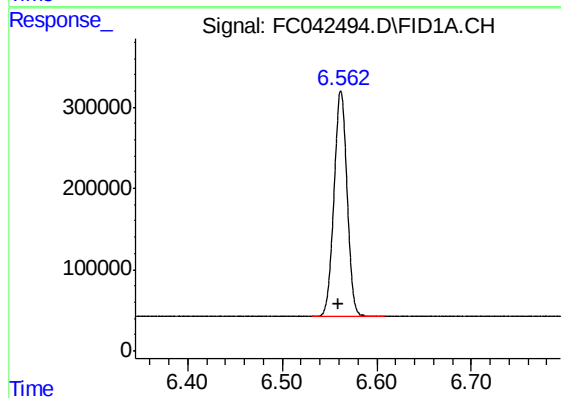
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 2649834
Conc: 22.46 ug/ml



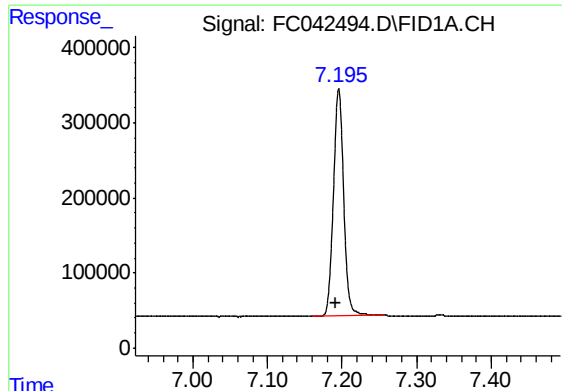
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: 0.004 min
Response: 2902862
Conc: 22.36 ug/ml



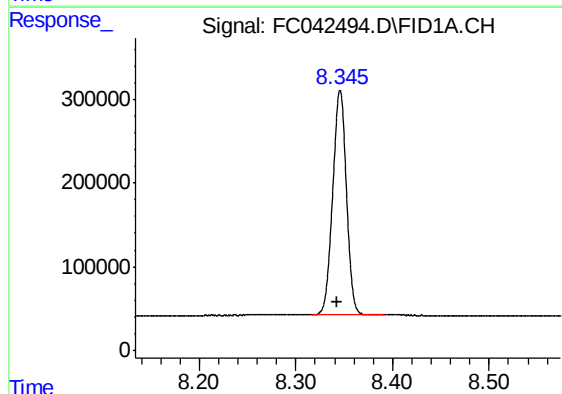
#4 n-Dodecane (C12)

R.T.: 6.562 min
Delta R.T.: 0.003 min
Response: 2680451
Conc: 22.59 ug/ml



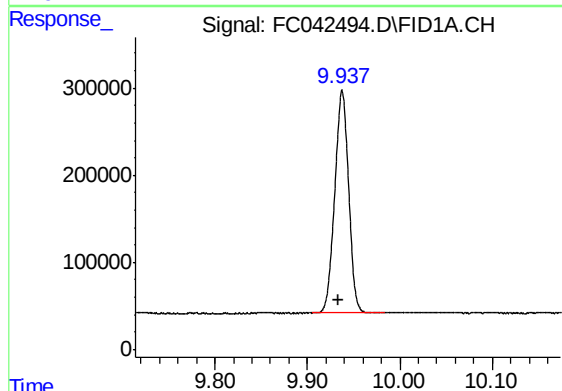
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.196 min
Delta R.T.: 0.005 min
Response: 2912836
Conc: 22.42 ug/ml



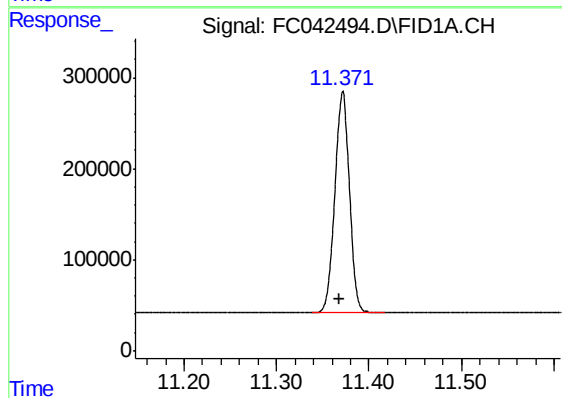
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: 0.004 min
Response: 2671942
Conc: 22.46 ug/ml



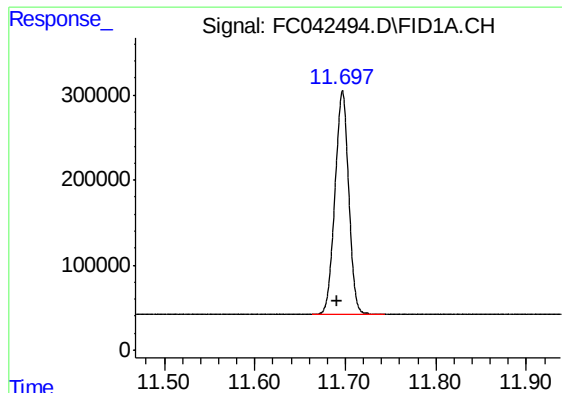
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: 0.004 min
Response: 2666612
Conc: 22.21 ug/ml



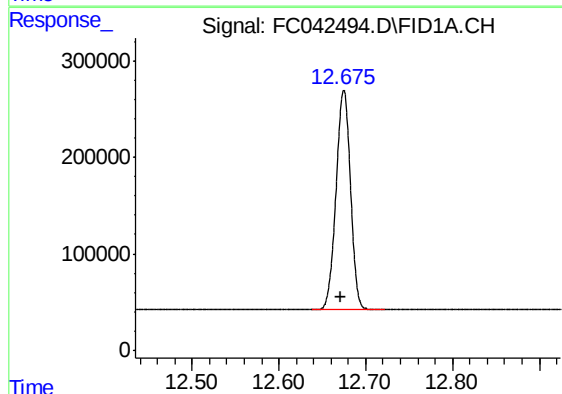
#8 n-Octadecane (C18)

R.T.: 11.372 min
Delta R.T.: 0.003 min
Response: 2651843
Conc: 21.73 ug/ml



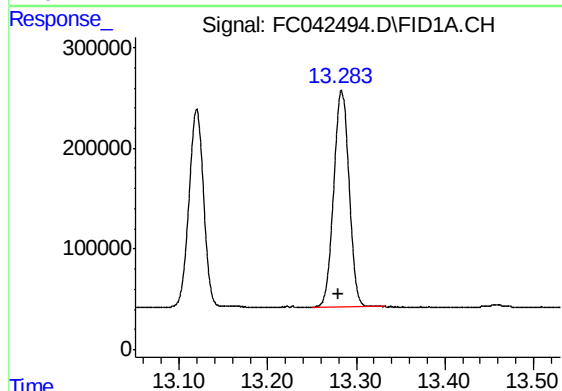
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: 0.006 min
Response: 2757755
Conc: 20.84 ug/ml



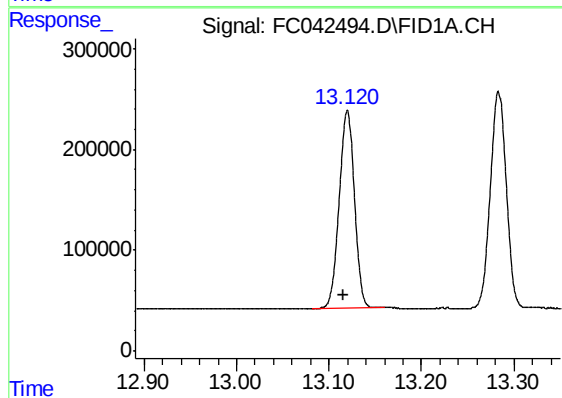
#10 n-Eicosane (C20)

R.T.: 12.675 min
Delta R.T.: 0.004 min
Response: 2626956
Conc: 21.06 ug/ml



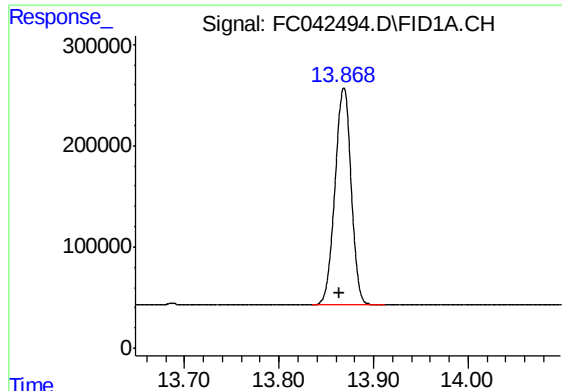
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.004 min
Response: 2590699
Conc: 20.70 ug/ml



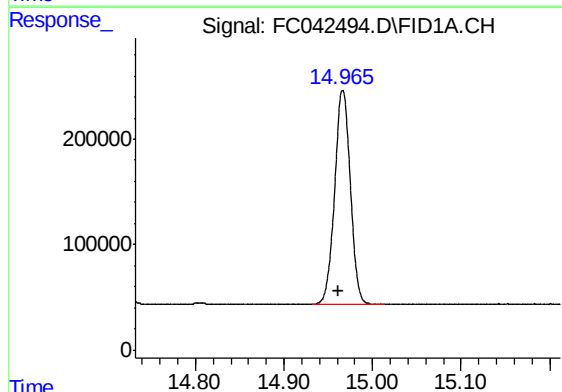
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min
Delta R.T.: 0.004 min
Response: 2252420
Conc: 20.55 ug/ml



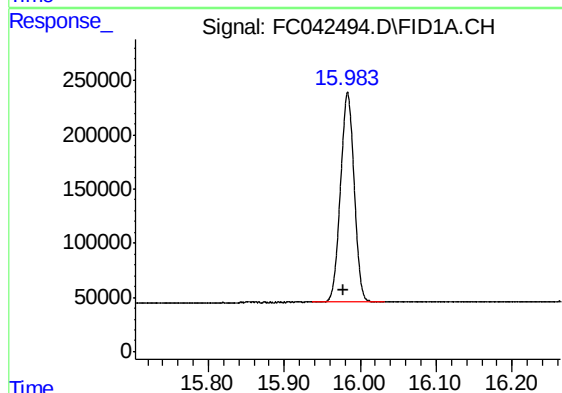
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.005 min
Response: 2556449
Conc: 20.38 ug/ml



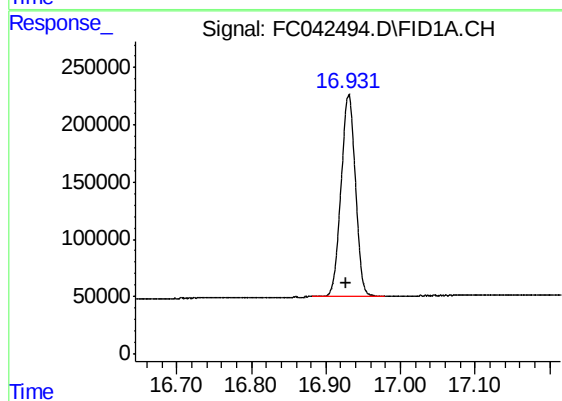
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.004 min
Response: 2483333
Conc: 19.60 ug/ml



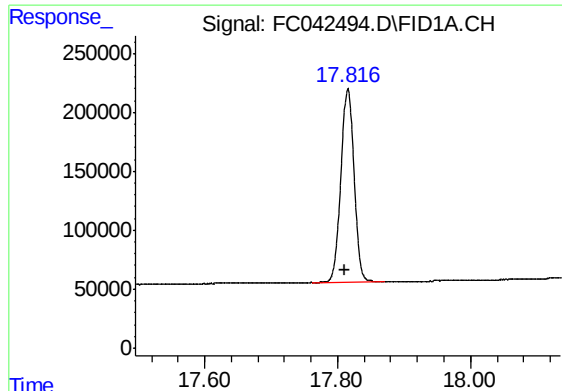
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: 0.005 min
Response: 2406457
Conc: 19.03 ug/ml



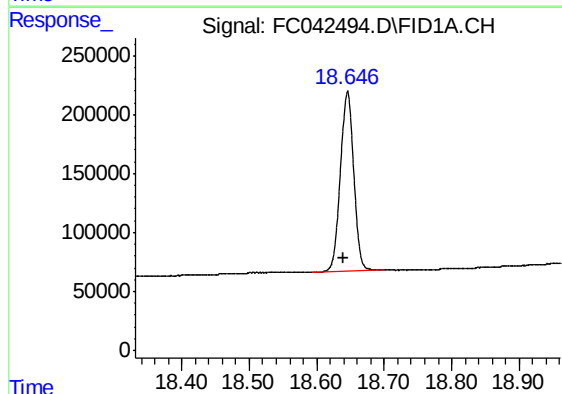
#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: 0.004 min
Response: 2348814
Conc: 18.61 ug/ml



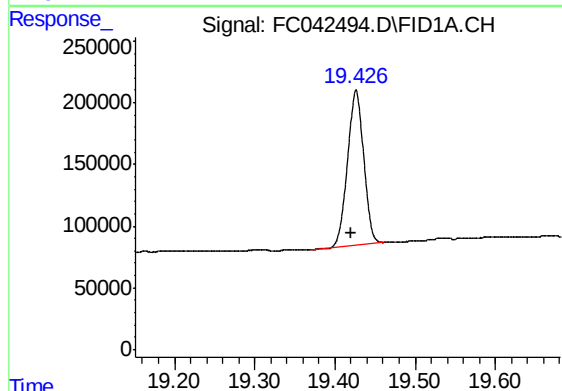
#17 n-Tricontane (C30)

R.T.: 17.816 min
Delta R.T.: 0.005 min
Response: 2264093
Conc: 18.47 ug/ml



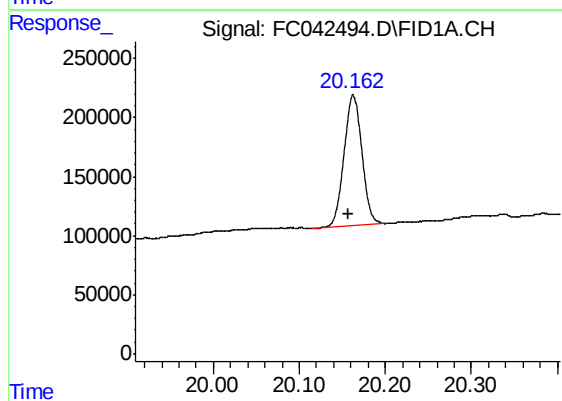
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.007 min
Response: 2093028
Conc: 18.73 ug/ml



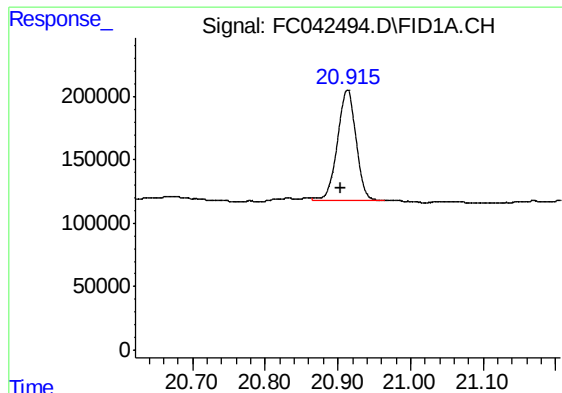
#19 n-Tetatriacontane (C34)

R.T.: 19.426 min
Delta R.T.: 0.006 min
Response: 1748745
Conc: 18.88 ug/ml



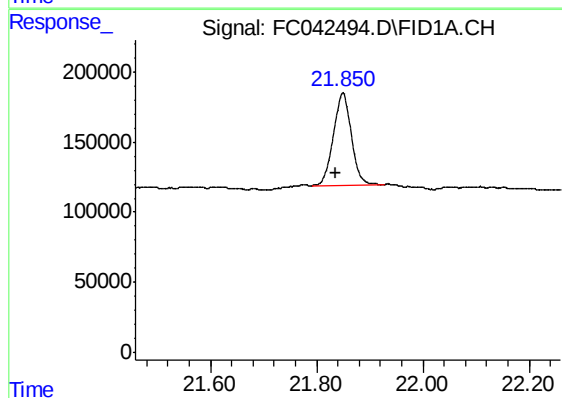
#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: 0.004 min
Response: 1609082
Conc: 20.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: 0.010 min
Response: 1563006
Conc: 21.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.850 min
Delta R.T.: 0.013 min
Response: 1541289
Conc: 22.21 ug/ml