

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091520AL\
 Data File : FC049568.D
 Signal(s) : FID1A.CH
 Acq On : 15 Sep 2020 10:18
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 16 01:16:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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)	11.665	2220488	19.326 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.097	1692798	19.005 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.402	2130461	20.594 ug/ml
2) T n-Decane (C10)	4.475	2164256	20.837 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2381710	20.714 ug/ml
4) T n-Dodecane (C12)	6.499	2197260	20.787 ug/ml
5) T A~2-methylnaphthalene...	7.131	2403212	20.555 ug/ml
6) T n-Tetradecane (C14)	8.297	2158664	20.462 ug/ml
7) T n-Hexadecane (C16)	9.899	2084251	20.028 ug/ml
8) T n-Octadecane (C18)	11.342	2126302	19.785 ug/ml
10) T n-Eicosane (C20)	12.652	1674679	15.639 ug/ml
11) T n-Heneicosane (C21)	13.263	2052974	19.292 ug/ml
13) T n-Docosane (C22)	13.850	2059463	19.461 ug/ml
14) T n-Tetracosane (C24)	14.952	2066467	19.748 ug/ml
15) T n-Hexacosane (C26)	15.971	2020308	19.763 ug/ml
16) T n-Octacosane (C28)	16.920	2018517	20.085 ug/ml
17) T n-Tricontane (C30)	17.806	1968096	20.214 ug/ml
18) T n-Dotriacontane (C32)	18.635	1845946	20.428 ug/ml
19) T n-Tetratriacontane (C34)	19.417	1754152	20.492 ug/ml
20) T n-Hexatriacontane (C36)	20.156	1672603	20.761 ug/ml
21) T n-Octatriacontane (C38)	20.907	1674809	22.123 ug/ml
22) T n-Tetracontane (C40)	21.853	1640893	21.088 ug/ml

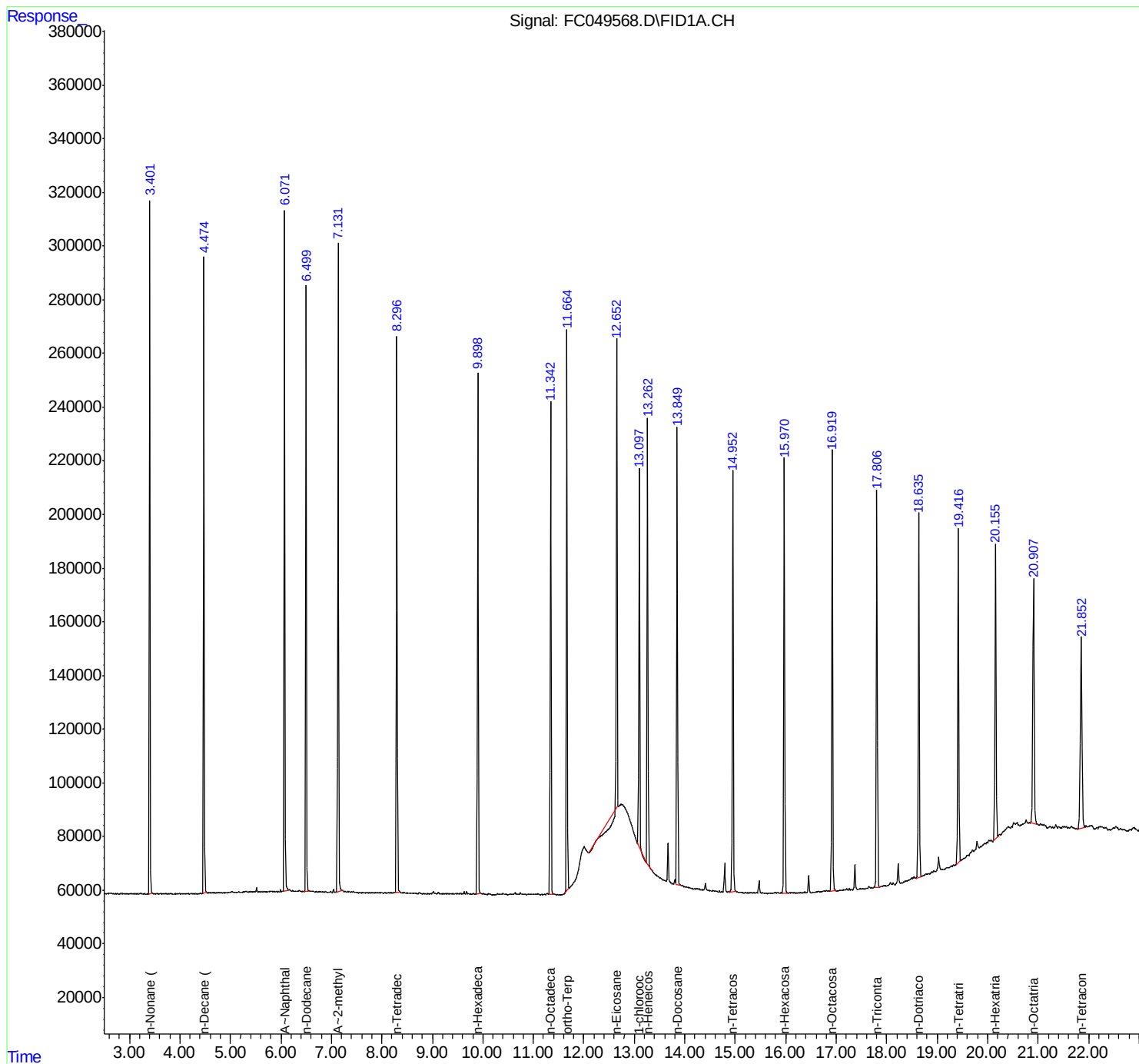
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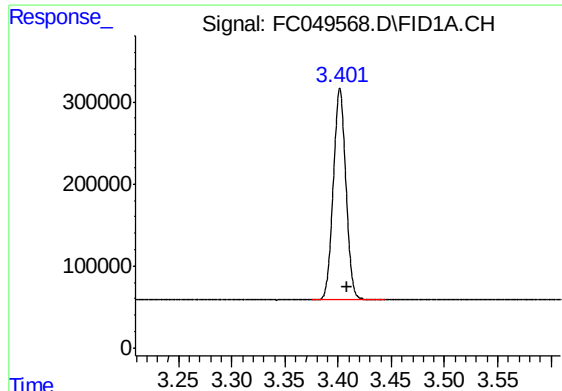
(m)=manual int.

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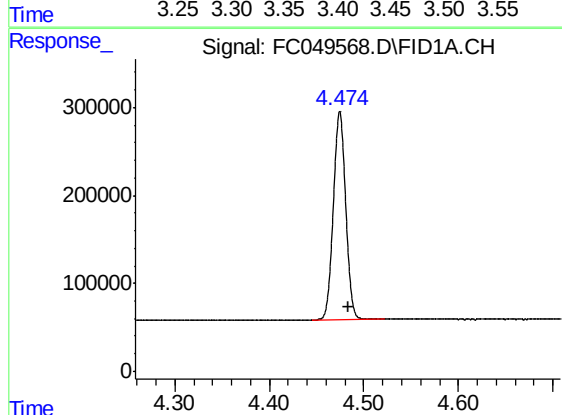
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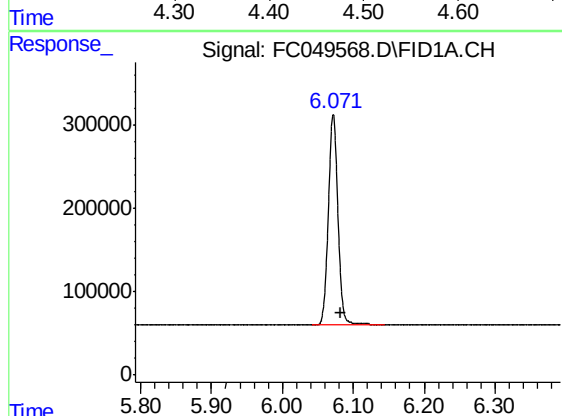
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.007 min
Response: 2130461
Conc: 20.59 ug/ml



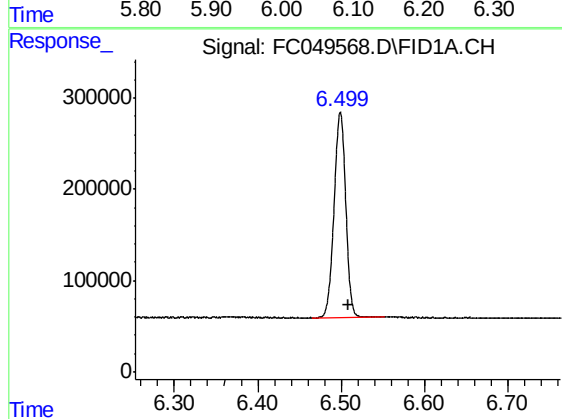
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.009 min
Response: 2164256
Conc: 20.84 ug/ml



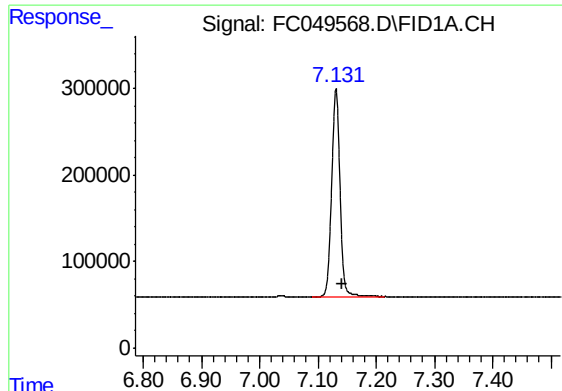
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.010 min
Response: 2381710
Conc: 20.71 ug/ml



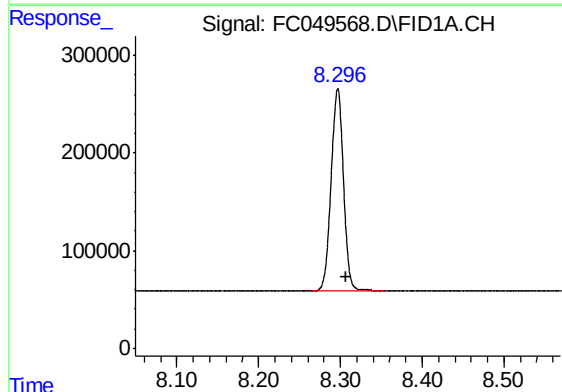
#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: -0.010 min
Response: 2197260
Conc: 20.79 ug/ml



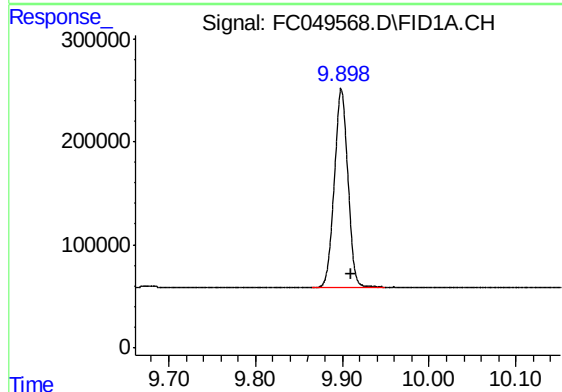
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.011 min
Response: 2403212
Conc: 20.55 ug/ml



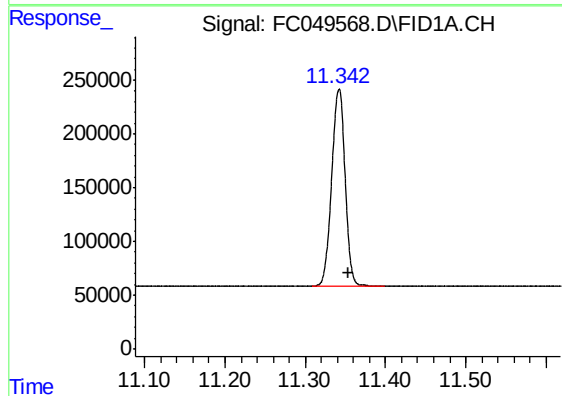
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.010 min
Response: 2158664
Conc: 20.46 ug/ml



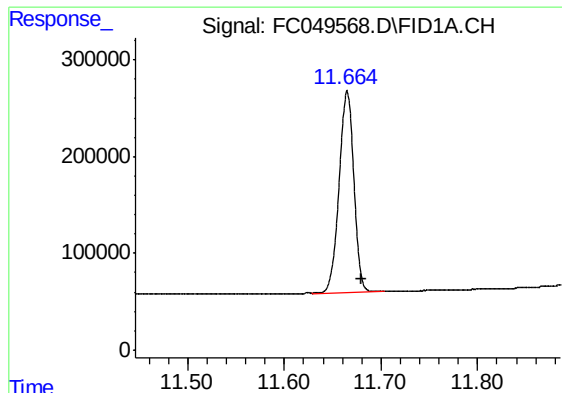
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.011 min
Response: 2084251
Conc: 20.03 ug/ml



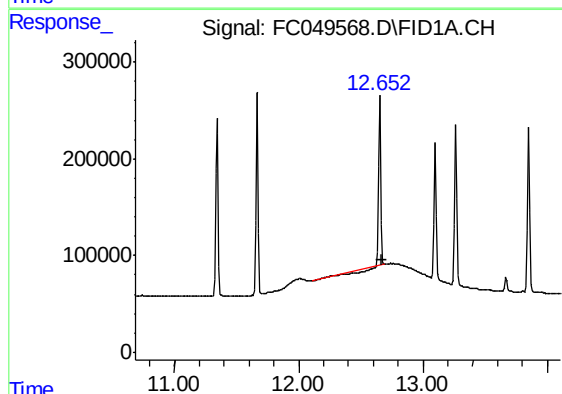
#8 n-Octadecane (C18)

R.T.: 11.342 min
Delta R.T.: -0.012 min
Response: 2126302
Conc: 19.78 ug/ml



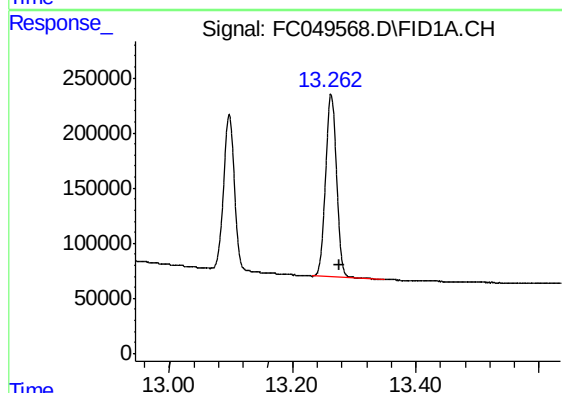
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: -0.014 min
Response: 2220488
Conc: 19.33 ug/ml



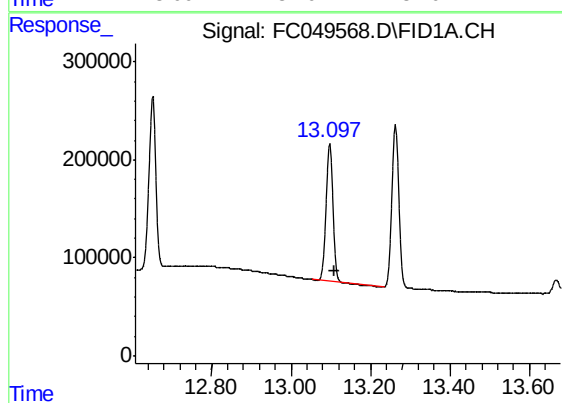
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.012 min
Response: 1674679
Conc: 15.64 ug/ml



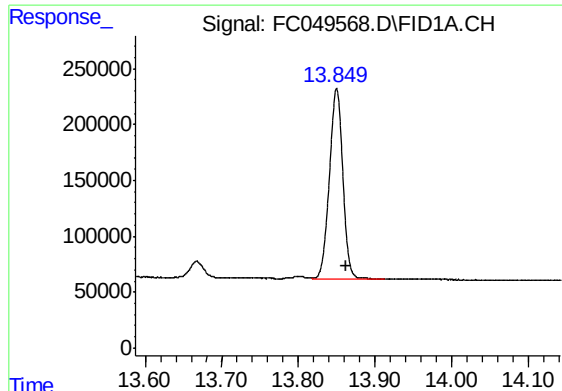
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.014 min
Response: 2052974
Conc: 19.29 ug/ml



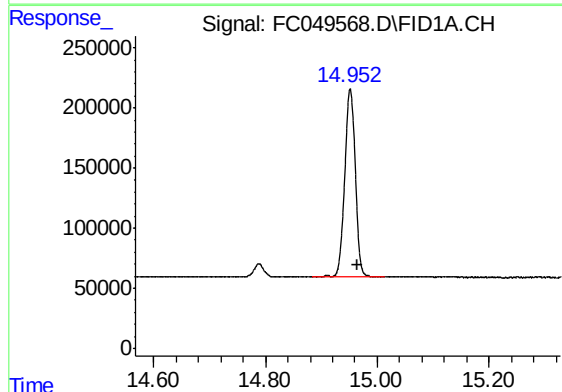
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: -0.012 min
Response: 1692798
Conc: 19.00 ug/ml



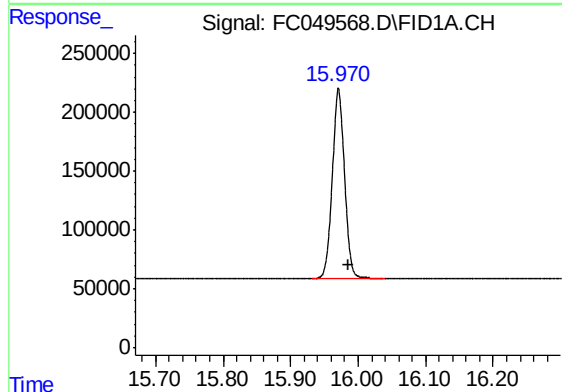
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.012 min
Response: 2059463
Conc: 19.46 ug/ml



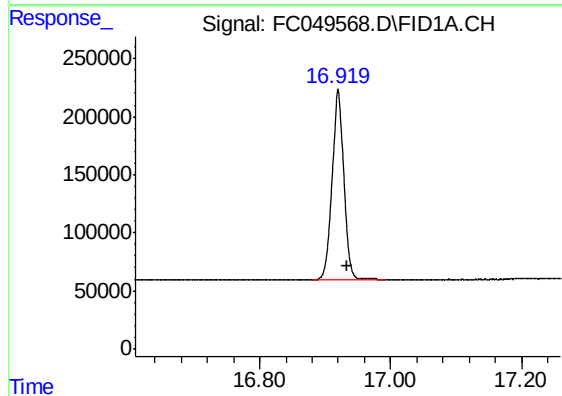
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: -0.013 min
Response: 2066467
Conc: 19.75 ug/ml



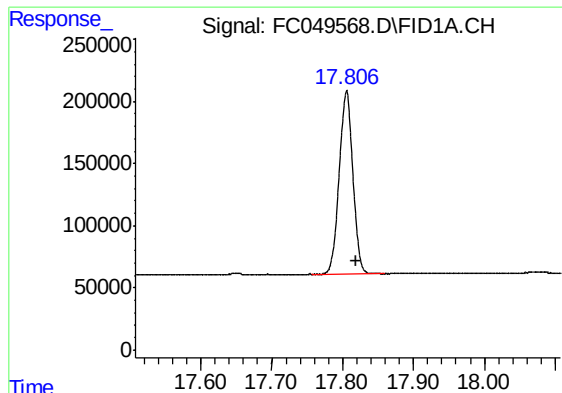
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.015 min
Response: 2020308
Conc: 19.76 ug/ml



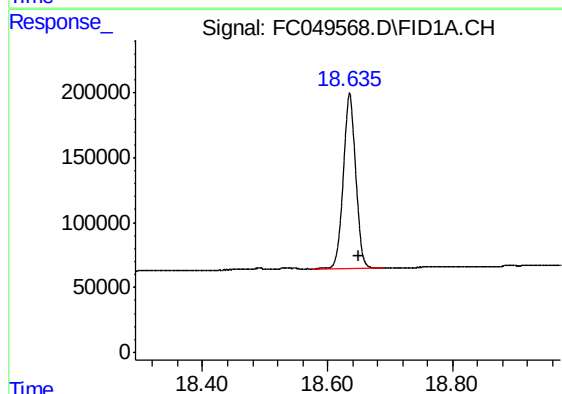
#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: -0.014 min
Response: 2018517
Conc: 20.08 ug/ml



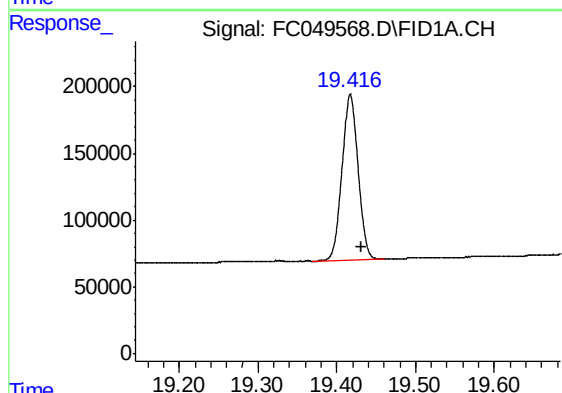
#17 n-Tricontane (C30)

R.T.: 17.806 min
Delta R.T.: -0.014 min
Response: 1968096
Conc: 20.21 ug/ml



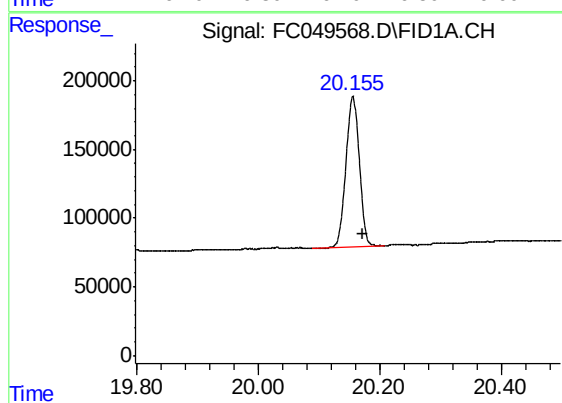
#18 n-Dotriacontane (C32)

R.T.: 18.635 min
Delta R.T.: -0.015 min
Response: 1845946
Conc: 20.43 ug/ml



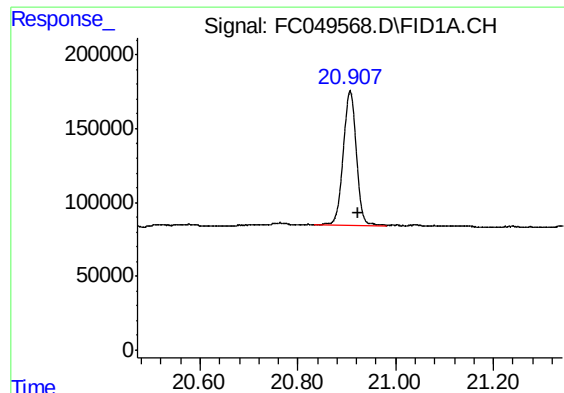
#19 n-Tetatriacontane (C34)

R.T.: 19.417 min
Delta R.T.: -0.015 min
Response: 1754152
Conc: 20.49 ug/ml



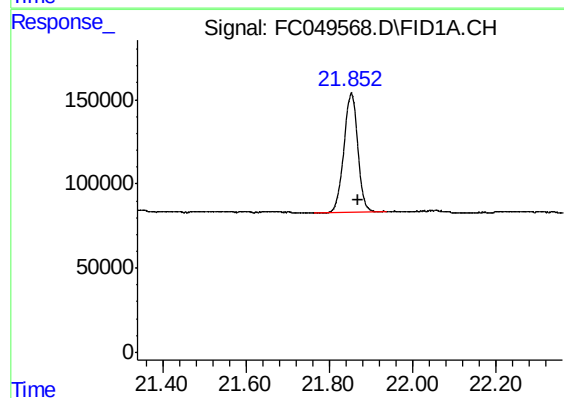
#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: -0.015 min
Response: 1672603
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.016 min
Response: 1674809
Conc: 22.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.853 min
Delta R.T.: -0.016 min
Response: 1640893
Conc: 21.09 ug/ml