

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101118AL\
 Data File : FC036816.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2018 3:10
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 12 08:02:21 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Aliphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 10 12:23:17 2018
 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)	11.371	2610750	21.473 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
12) S 1-chlorooctadecane (S...	12.812	1920273	20.394 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T n-Nonane (C9)	3.182	1854482	20.811 ug/ml
2) T n-Decane (C10)	4.247	1935579	21.531 ug/ml
3) T A~Naphthalene (C11.7)	5.816	2345985	23.406 ug/ml
4) T n-Dodecane (C12)	6.258	2046521	21.960 ug/ml
5) T A~2-methylnaphthalene...	6.866	2352199	23.396 ug/ml
6) T n-Tetradecane (C14)	8.043	2124521	21.720 ug/ml
7) T n-Hexadecane (C16)	9.635	2172474	21.139 ug/ml
8) T n-Octadecane (C18)	11.069	2221547	20.456 ug/ml
10) T n-Eicosane (C20)	12.373	2246441	20.308 ug/ml
11) T n-Heneicosane (C21)	12.982	2238144	20.365 ug/ml
13) T n-Docosane (C22)	13.566	2239632	20.512 ug/ml
14) T n-Tetracosane (C24)	14.666	2253636	20.642 ug/ml
15) T n-Hexacosane (C26)	15.683	2255141	20.875 ug/ml
16) T n-Octacosane (C28)	16.628	2291296	20.767 ug/ml
17) T n-Tricontane (C30)	17.514	2327853	20.006 ug/ml
18) T n-Dotriacontane (C32)	18.343	2388134	20.479 ug/ml
19) T n-Tetratriacontane (C34)	19.125	2336035	20.847 ug/ml
20) T n-Hexatriacontane (C36)	19.863	2234492	21.104 ug/ml
21) T n-Octatriacontane (C38)	20.570	2166231	20.493 ug/ml
22) T n-Tetracontane (C40)	21.405	2139589	19.928 ug/ml

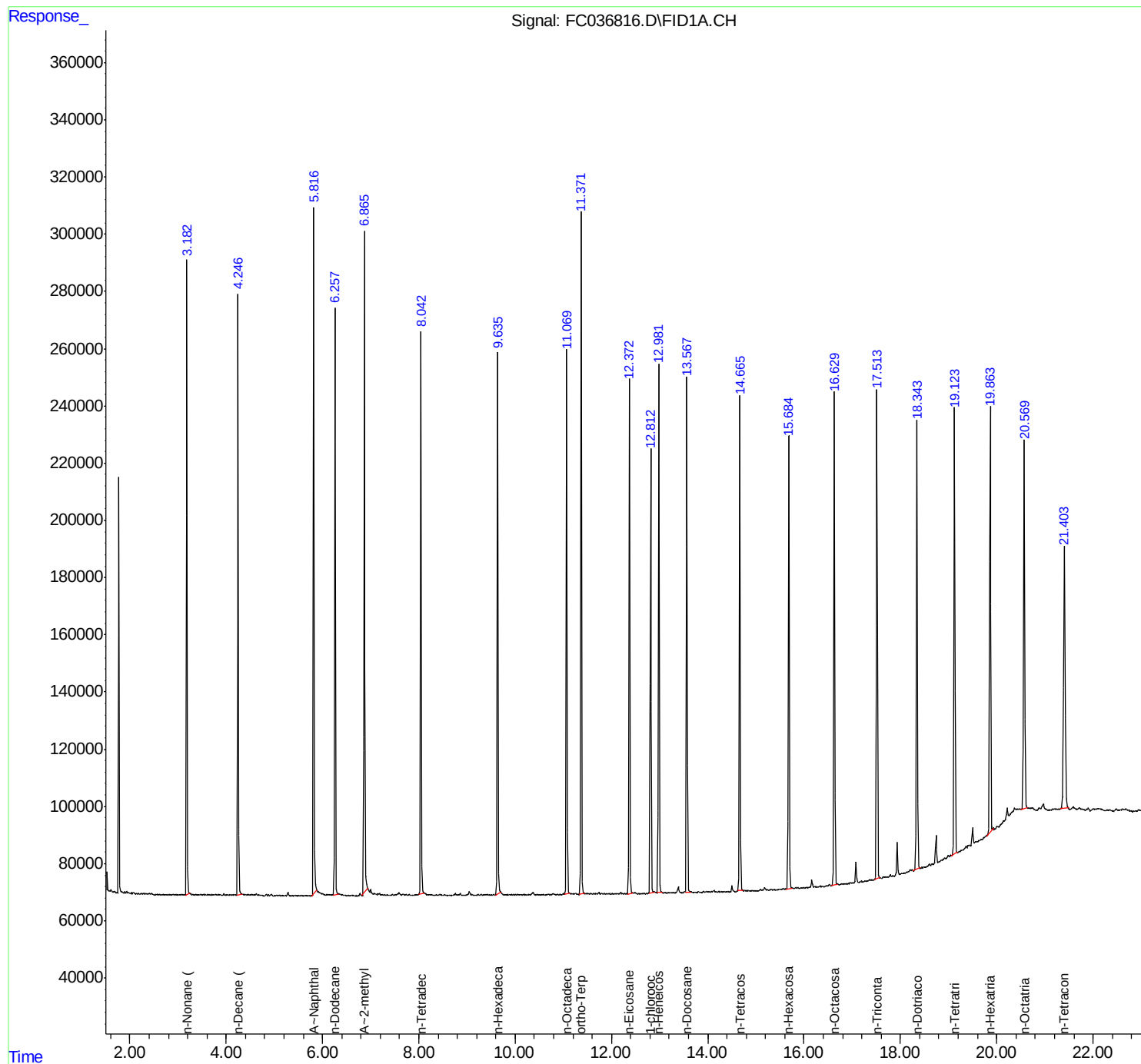
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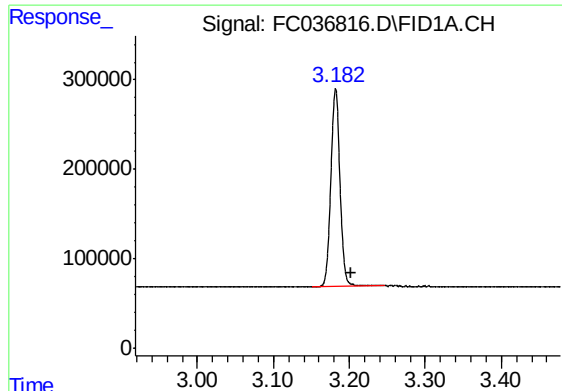
(m)=manual int.

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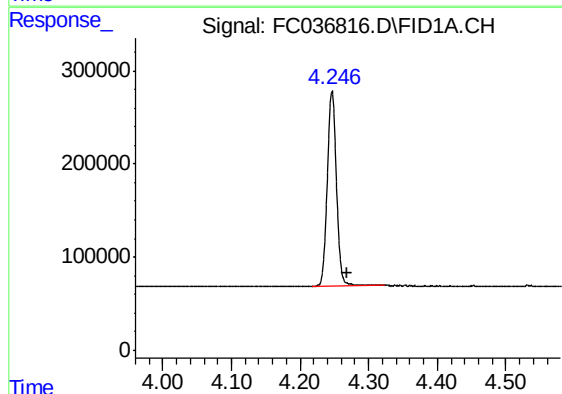
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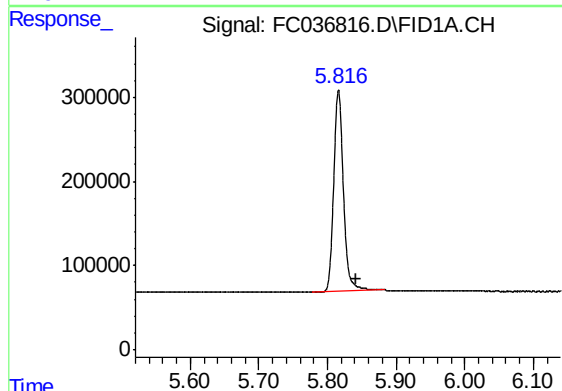
#1 n-Nonane (C9)

R.T.: 3.182 min
Delta R.T.: -0.021 min
Response: 1854482
Conc: 20.81 ug/ml



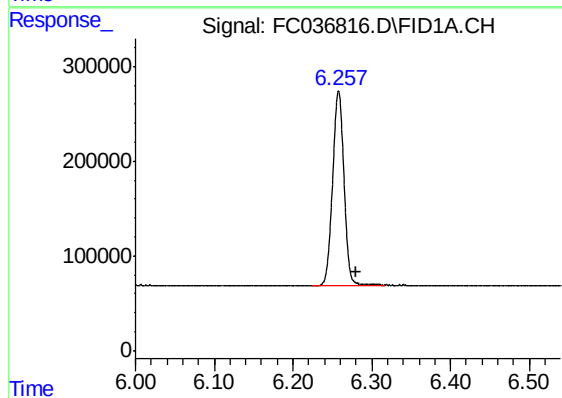
#2 n-Decane (C10)

R.T.: 4.247 min
Delta R.T.: -0.022 min
Response: 1935579
Conc: 21.53 ug/ml



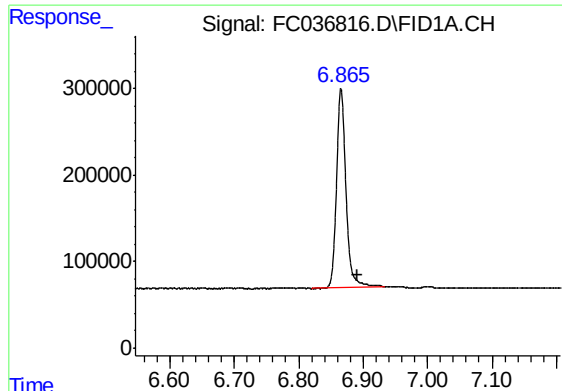
#3 A~Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.025 min
Response: 2345985
Conc: 23.41 ug/ml



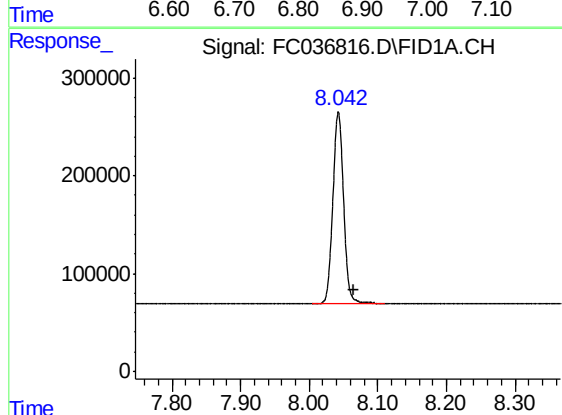
#4 n-Dodecane (C12)

R.T.: 6.258 min
Delta R.T.: -0.022 min
Response: 2046521
Conc: 21.96 ug/ml



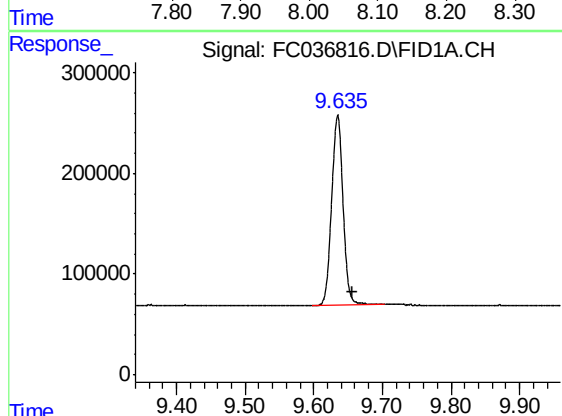
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: -0.025 min
Response: 2352199
Conc: 23.40 ug/ml



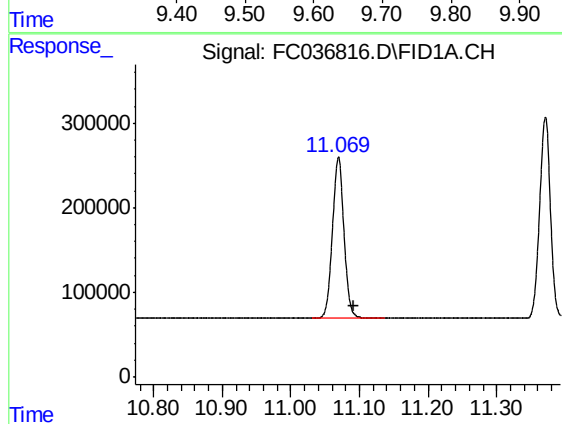
#6 n-Tetradecane (C14)

R.T.: 8.043 min
Delta R.T.: -0.022 min
Response: 2124521
Conc: 21.72 ug/ml



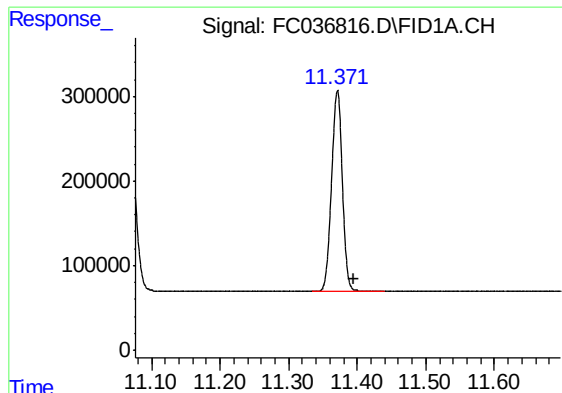
#7 n-Hexadecane (C16)

R.T.: 9.635 min
Delta R.T.: -0.022 min
Response: 2172474
Conc: 21.14 ug/ml



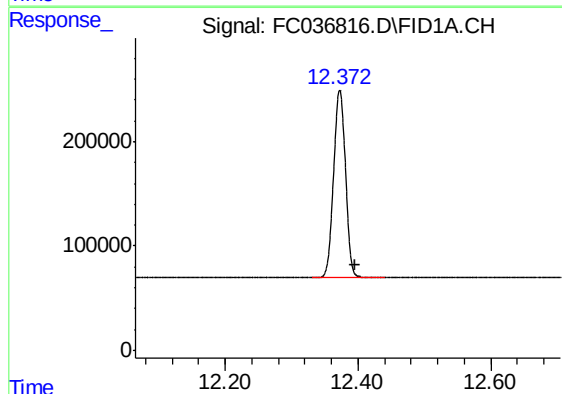
#8 n-Octadecane (C18)

R.T.: 11.069 min
Delta R.T.: -0.022 min
Response: 2221547
Conc: 20.46 ug/ml



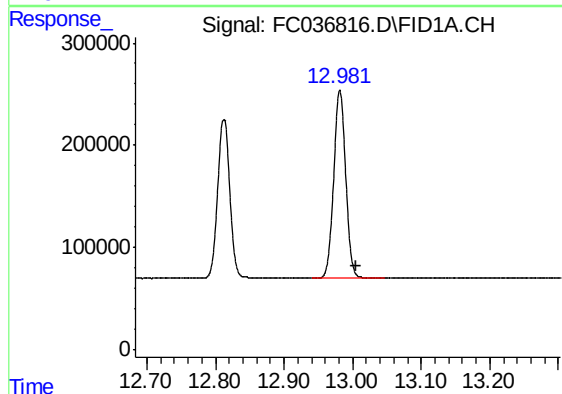
#9 ortho-Terphenyl (SURR)

R.T.: 11.371 min
Delta R.T.: -0.024 min
Response: 2610750
Conc: 21.47 ug/ml



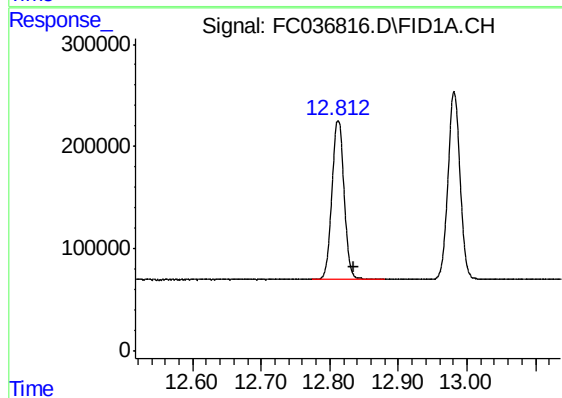
#10 n-Eicosane (C20)

R.T.: 12.373 min
Delta R.T.: -0.024 min
Response: 2246441
Conc: 20.31 ug/ml



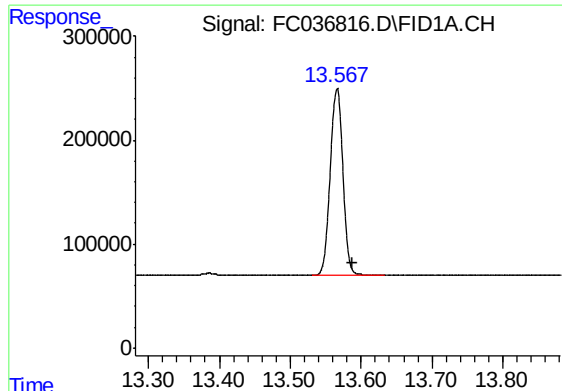
#11 n-Heneicosane (C21)

R.T.: 12.982 min
Delta R.T.: -0.024 min
Response: 2238144
Conc: 20.36 ug/ml



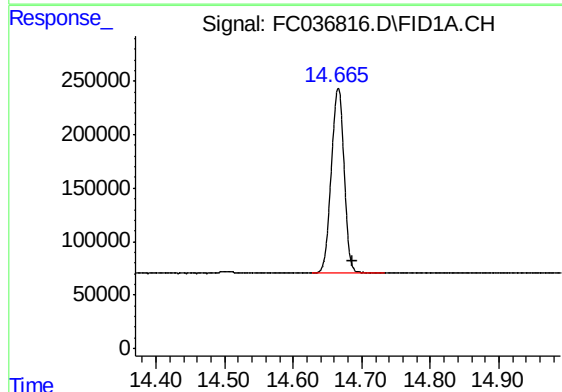
#12 1-chlorooctadecane (SURR)

R.T.: 12.812 min
Delta R.T.: -0.023 min
Response: 1920273
Conc: 20.39 ug/ml



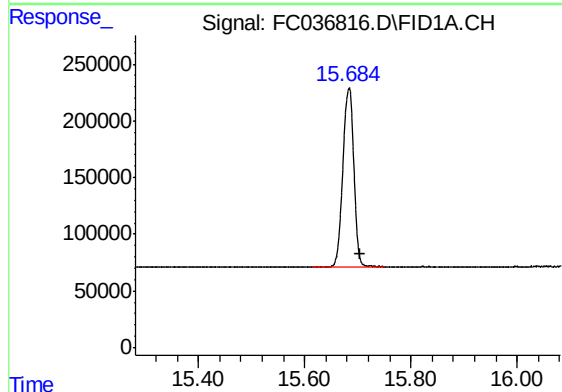
#13 n-Docosane (C22)

R.T.: 13.566 min
Delta R.T.: -0.022 min
Response: 2239632
Conc: 20.51 ug/ml



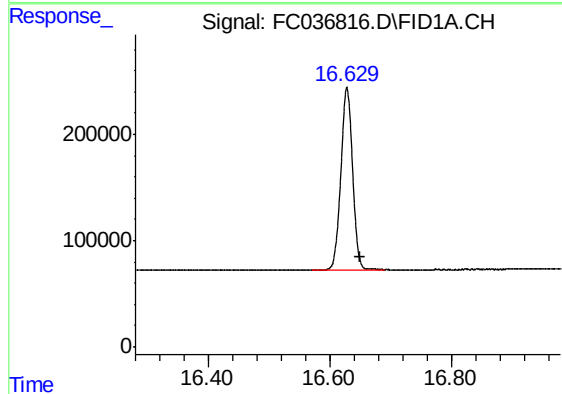
#14 n-Tetracosane (C24)

R.T.: 14.666 min
Delta R.T.: -0.021 min
Response: 2253636
Conc: 20.64 ug/ml



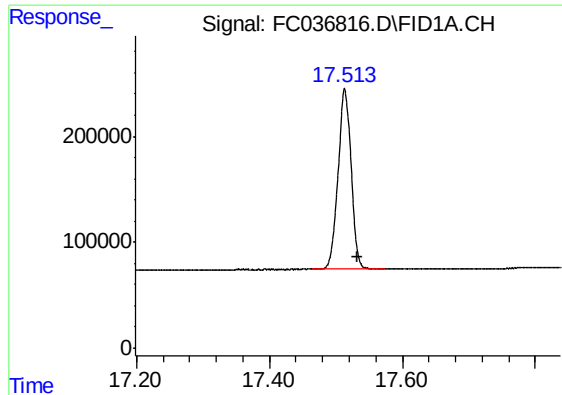
#15 n-Hexacosane (C26)

R.T.: 15.683 min
Delta R.T.: -0.021 min
Response: 2255141
Conc: 20.88 ug/ml



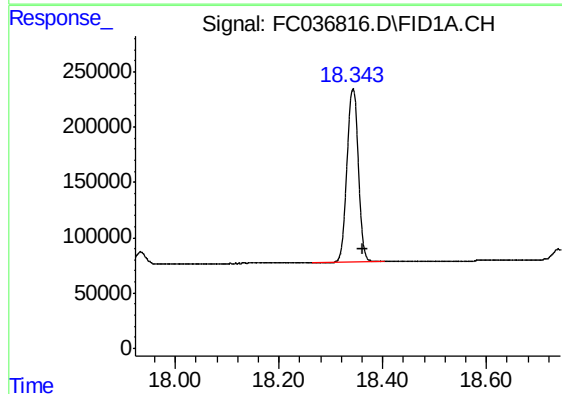
#16 n-Octacosane (C28)

R.T.: 16.628 min
Delta R.T.: -0.021 min
Response: 2291296
Conc: 20.77 ug/ml



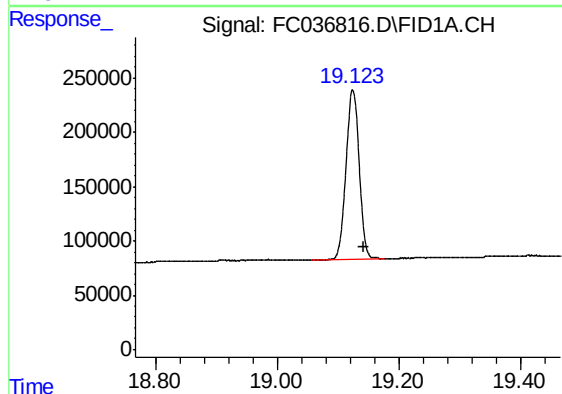
#17 n-Tricontane (C30)

R.T.: 17.514 min
Delta R.T.: -0.019 min
Response: 2327853
Conc: 20.01 ug/ml



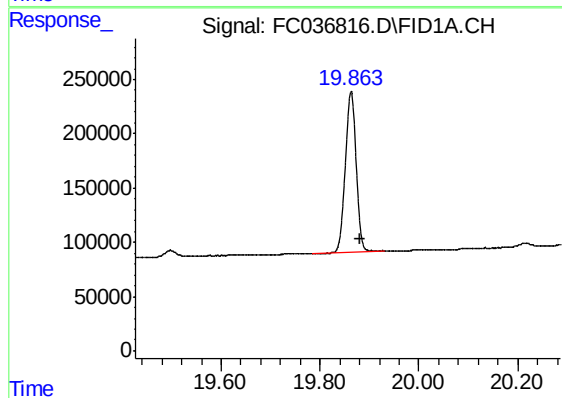
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: -0.019 min
Response: 2388134
Conc: 20.48 ug/ml



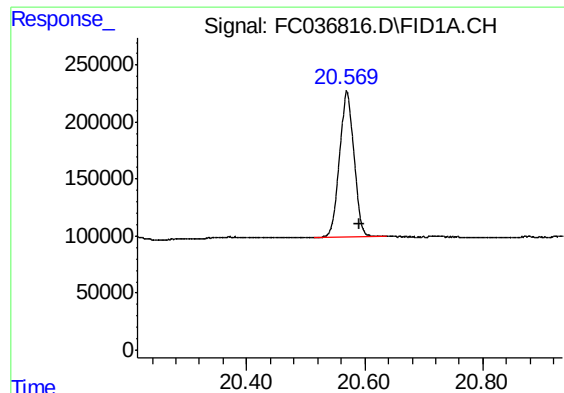
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min
Delta R.T.: -0.019 min
Response: 2336035
Conc: 20.85 ug/ml



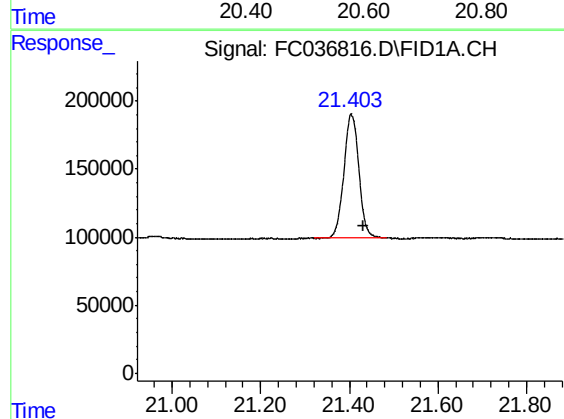
#20 n-Hexatriacontane (C36)

R.T.: 19.863 min
Delta R.T.: -0.017 min
Response: 2234492
Conc: 21.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: -0.020 min
Response: 2166231
Conc: 20.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.405 min
Delta R.T.: -0.026 min
Response: 2139589
Conc: 19.93 ug/ml