

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102518AL\
 Data File : FC037098.D
 Signal(s) : FID1A.CH
 Acq On : 25 Oct 2018 14:30
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 03:13:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 15:53:26 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)	11.361	1980627	22.322 ug/ml
Spiked Amount 50.000		Recovery =	44.64%
12) S 1-chlorooctadecane (S...	12.802	1356636	21.357 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.174	1359825	18.504 ug/ml
2) T n-Decane (C10)	4.238	1385238	19.030 ug/ml
3) T A-Naphthalene (C11.7)	5.807	1788998	21.444 ug/ml
4) T n-Dodecane (C12)	6.248	1443120	19.974 ug/ml
5) T A~2-methylnaphthalene...	6.856	1822205	22.007 ug/ml
6) T n-Tetradecane (C14)	8.032	1481997	20.503 ug/ml
7) T n-Hexadecane (C16)	9.624	1509026	20.683 ug/ml
8) T n-Octadecane (C18)	11.058	1552226	21.075 ug/ml
10) T n-Eicosane (C20)	12.362	1567843	21.446 ug/ml
11) T n-Heneicosane (C21)	12.972	1541763	21.529 ug/ml
13) T n-Docosane (C22)	13.555	1538969	21.588 ug/ml
14) T n-Tetracosane (C24)	14.655	1516784	21.394 ug/ml
15) T n-Hexacosane (C26)	15.672	1484889	21.037 ug/ml
16) T n-Octacosane (C28)	16.616	1448364	20.292 ug/mlm
17) T n-Tricontane (C30)	17.503	1415435	18.639 ug/mlm
18) T n-Dotriacontane (C32)	18.333	1426701	17.795 ug/mlm
19) T n-Tetratriacontane (C34)	19.111	1384822	19.329 ug/mlm
20) T n-Hexatriacontane (C36)	19.851	1307106	19.093 ug/mlm
21) T n-Octatriacontane (C38)	20.555	1236229	18.653 ug/mlm
22) T n-Tetracontane (C40)	21.390	1290084	19.400 ug/mlm

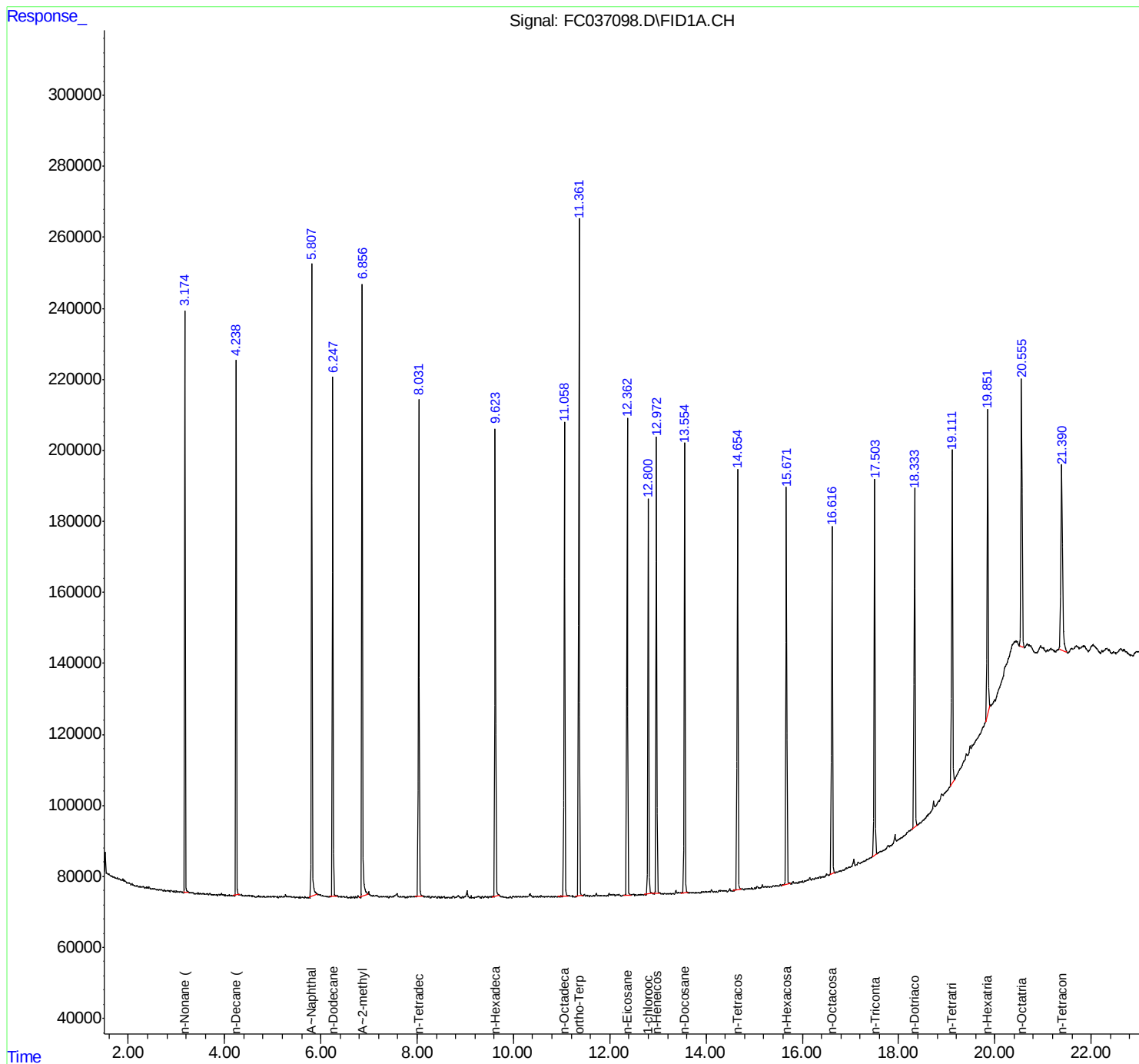
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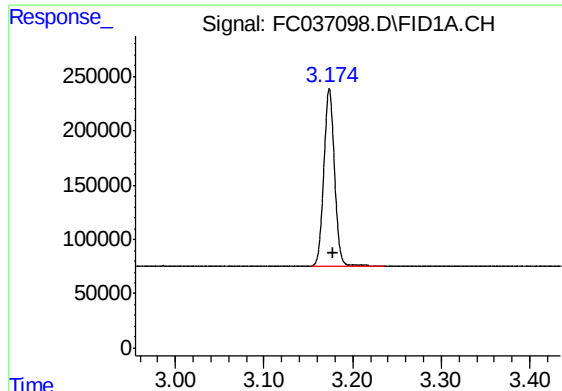
(m)=manual int.

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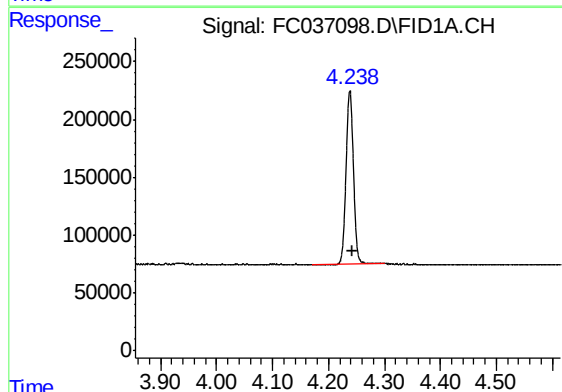
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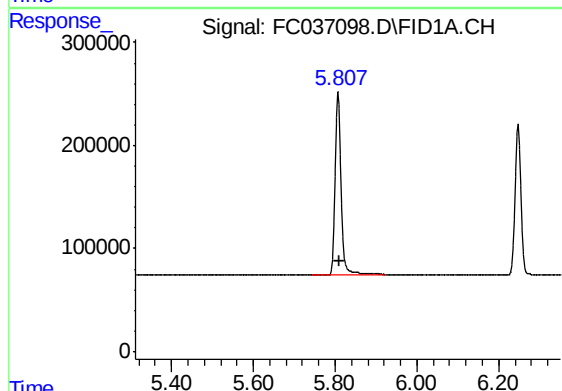
#1 n-Nonane (C9)

R.T.: 3.174 min
Delta R.T.: -0.004 min
Response: 1359825
Conc: 18.50 ug/ml



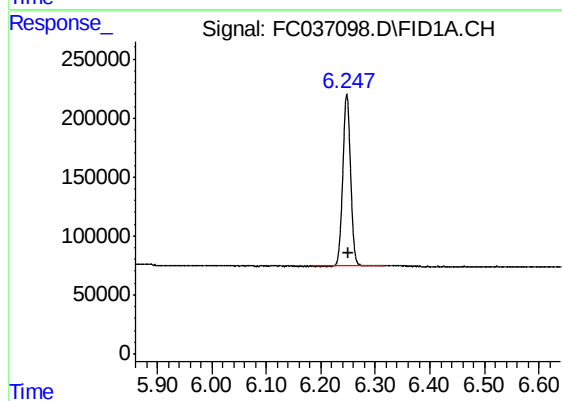
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.004 min
Response: 1385238
Conc: 19.03 ug/ml



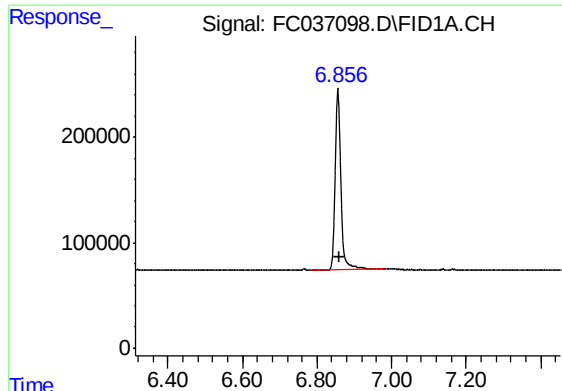
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 1788998
Conc: 21.44 ug/ml



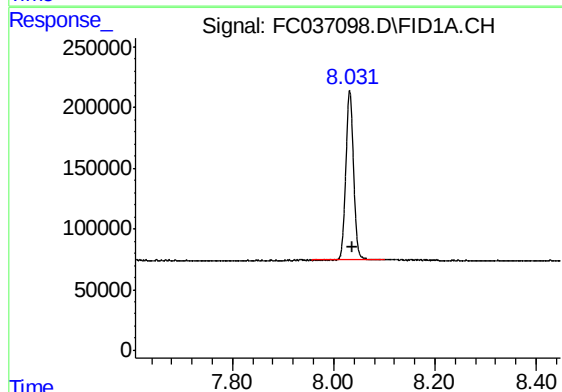
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 1443120
Conc: 19.97 ug/ml



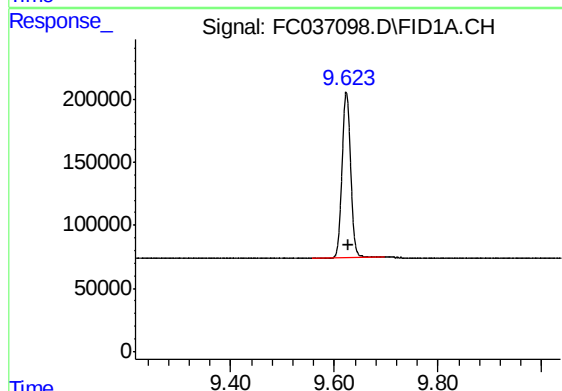
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 1822205
Conc: 22.01 ug/ml



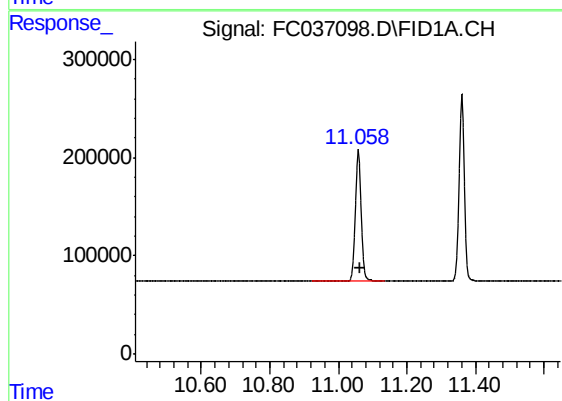
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 1481997
Conc: 20.50 ug/ml



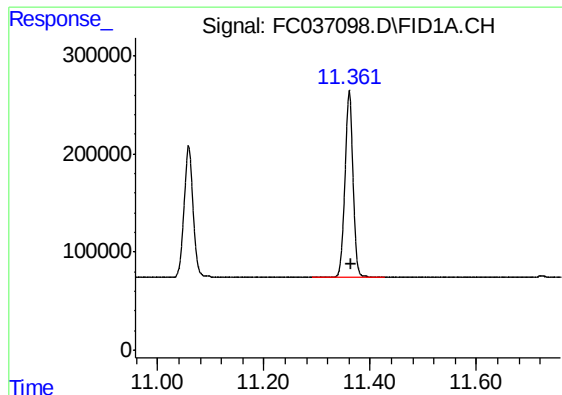
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: -0.004 min
Response: 1509026
Conc: 20.68 ug/ml



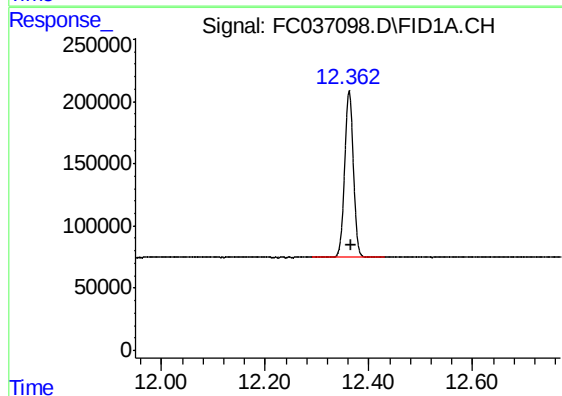
#8 n-Octadecane (C18)

R.T.: 11.058 min
Delta R.T.: -0.004 min
Response: 1552226
Conc: 21.08 ug/ml



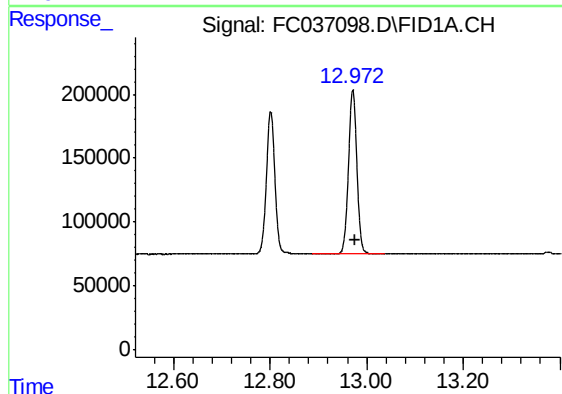
#9 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: -0.004 min
Response: 1980627
Conc: 22.32 ug/ml



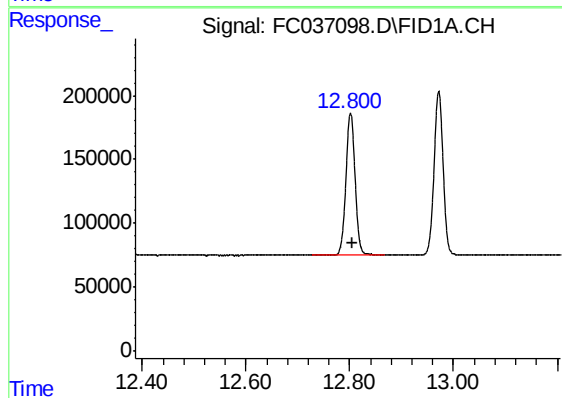
#10 n-Eicosane (C20)

R.T.: 12.362 min
Delta R.T.: -0.003 min
Response: 1567843
Conc: 21.45 ug/ml



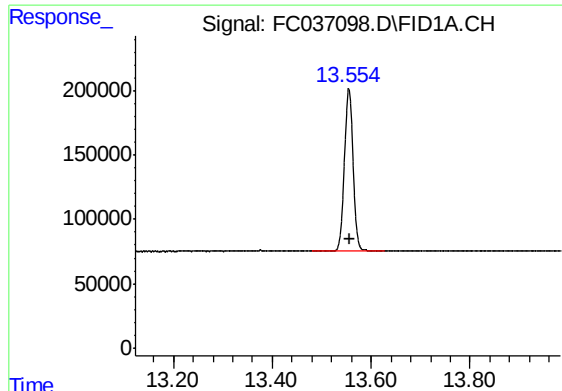
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.003 min
Response: 1541763
Conc: 21.53 ug/ml



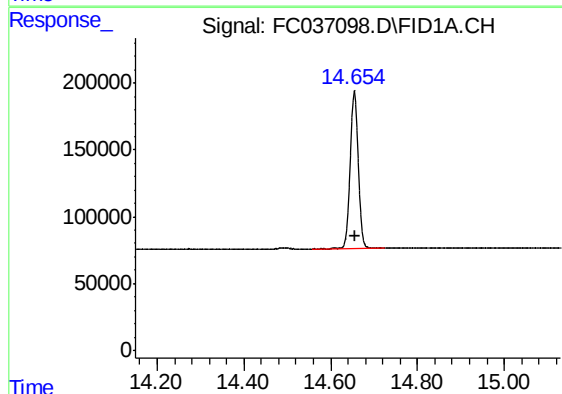
#12 1-chlorooctadecane (SURR)

R.T.: 12.802 min
Delta R.T.: -0.004 min
Response: 1356636
Conc: 21.36 ug/ml



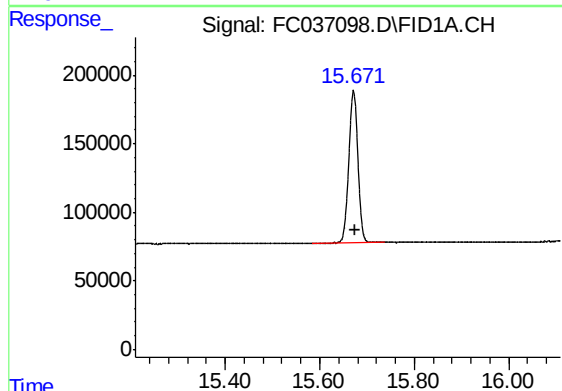
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.003 min
Response: 1538969
Conc: 21.59 ug/ml



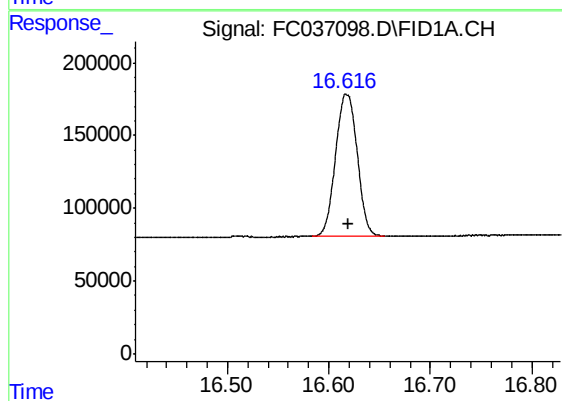
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: -0.002 min
Response: 1516784
Conc: 21.39 ug/ml



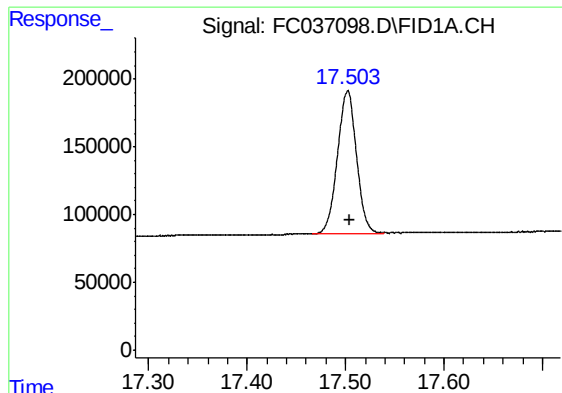
#15 n-Hexacosane (C26)

R.T.: 15.672 min
Delta R.T.: -0.002 min
Response: 1484889
Conc: 21.04 ug/ml



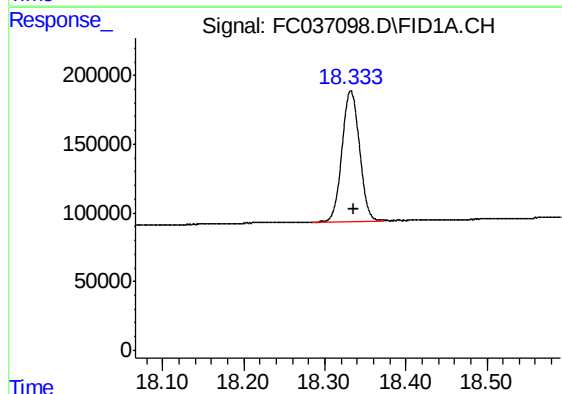
#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: -0.004 min
Response: 1448364
Conc: 20.29 ug/ml m



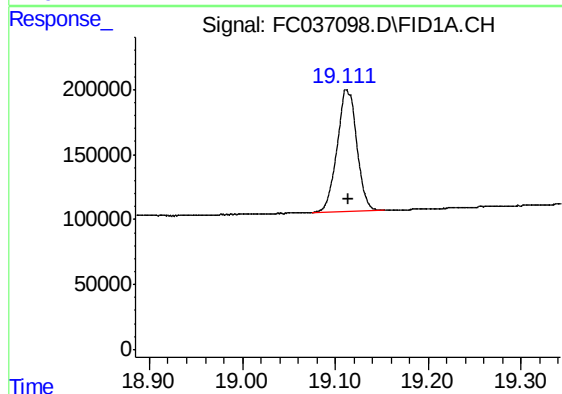
#17 n-Tricontane (C30)

R.T.: 17.503 min
Delta R.T.: -0.002 min
Response: 1415435
Conc: 18.64 ug/ml m



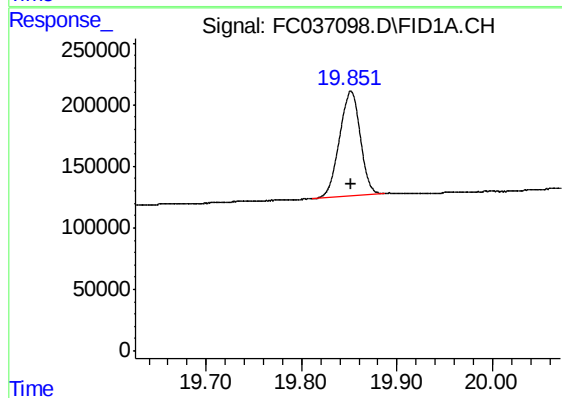
#18 n-Dotriacontane (C32)

R.T.: 18.333 min
Delta R.T.: -0.003 min
Response: 1426701
Conc: 17.79 ug/ml m



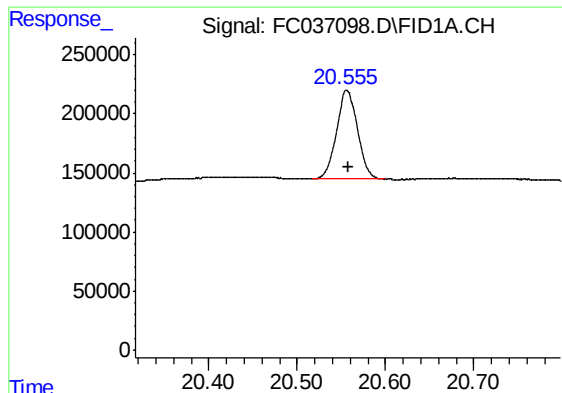
#19 n-Tetratriacontane (C34)

R.T.: 19.111 min
Delta R.T.: -0.004 min
Response: 1384822
Conc: 19.33 ug/ml m



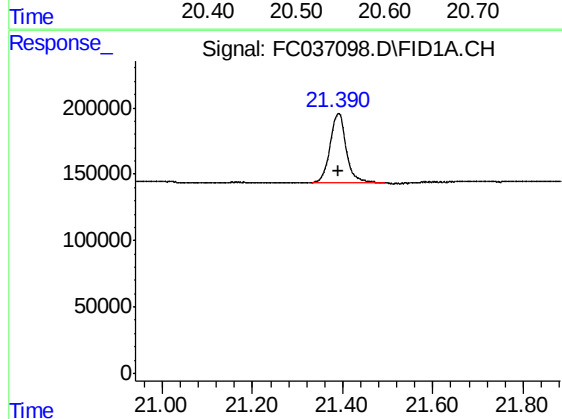
#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: -0.001 min
Response: 1307106
Conc: 19.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.555 min
Delta R.T.: -0.003 min
Response: 1236229
Conc: 18.65 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.390 min
Delta R.T.: 0.001 min
Response: 1290084
Conc: 19.40 ug/ml m