

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101918AL\
 Data File : FC037000.D
 Signal(s) : FID1A.CH
 Acq On : 19 Oct 2018 21:45
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:01:24 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)	11.359	2174702	24.509 ug/ml
Spiked Amount 50.000		Recovery =	49.02%
12) S 1-chlorooctadecane (S...	12.801	1532553	24.126 ug/ml
Spiked Amount 50.000		Recovery =	48.25%
Target Compounds			
1) T n-Nonane (C9)	3.176	1545317	21.028 ug/ml
2) T n-Decane (C10)	4.240	1568855	21.552 ug/ml
3) T A-Naphthalene (C11.7)	5.808	1927643	23.105 ug/ml
4) T n-Dodecane (C12)	6.250	1620273	22.426 ug/ml
5) T A~2-methylnaphthalene...	6.857	1961853	23.693 ug/ml
6) T n-Tetradecane (C14)	8.032	1651104	22.843 ug/ml
7) T n-Hexadecane (C16)	9.624	1695067	23.233 ug/ml
8) T n-Octadecane (C18)	11.058	1720696	23.363 ug/ml
10) T n-Eicosane (C20)	12.362	1747930	23.909 ug/ml
11) T n-Heneicosane (C21)	12.971	1738039	24.270 ug/ml
13) T n-Docosane (C22)	13.555	1731926	24.295 ug/ml
14) T n-Tetracosane (C24)	14.653	1722382	24.294 ug/ml
15) T n-Hexacosane (C26)	15.670	1673611	23.710 ug/ml
16) T n-Octacosane (C28)	16.617	1635586	22.915 ug/mlm
17) T n-Tricontane (C30)	17.501	1615690	21.276 ug/ml
18) T n-Dotriacontane (C32)	18.330	1630617	20.338 ug/mlm
19) T n-Tetratriacontane (C34)	19.113	1588718	22.175 ug/mlm
20) T n-Hexatriacontane (C36)	19.846	1531471	22.371 ug/mlm
21) T n-Octatriacontane (C38)	20.556	1459068	22.015 ug/mlm
22) T n-Tetracontane (C40)	21.384	1625046	24.437 ug/mlm

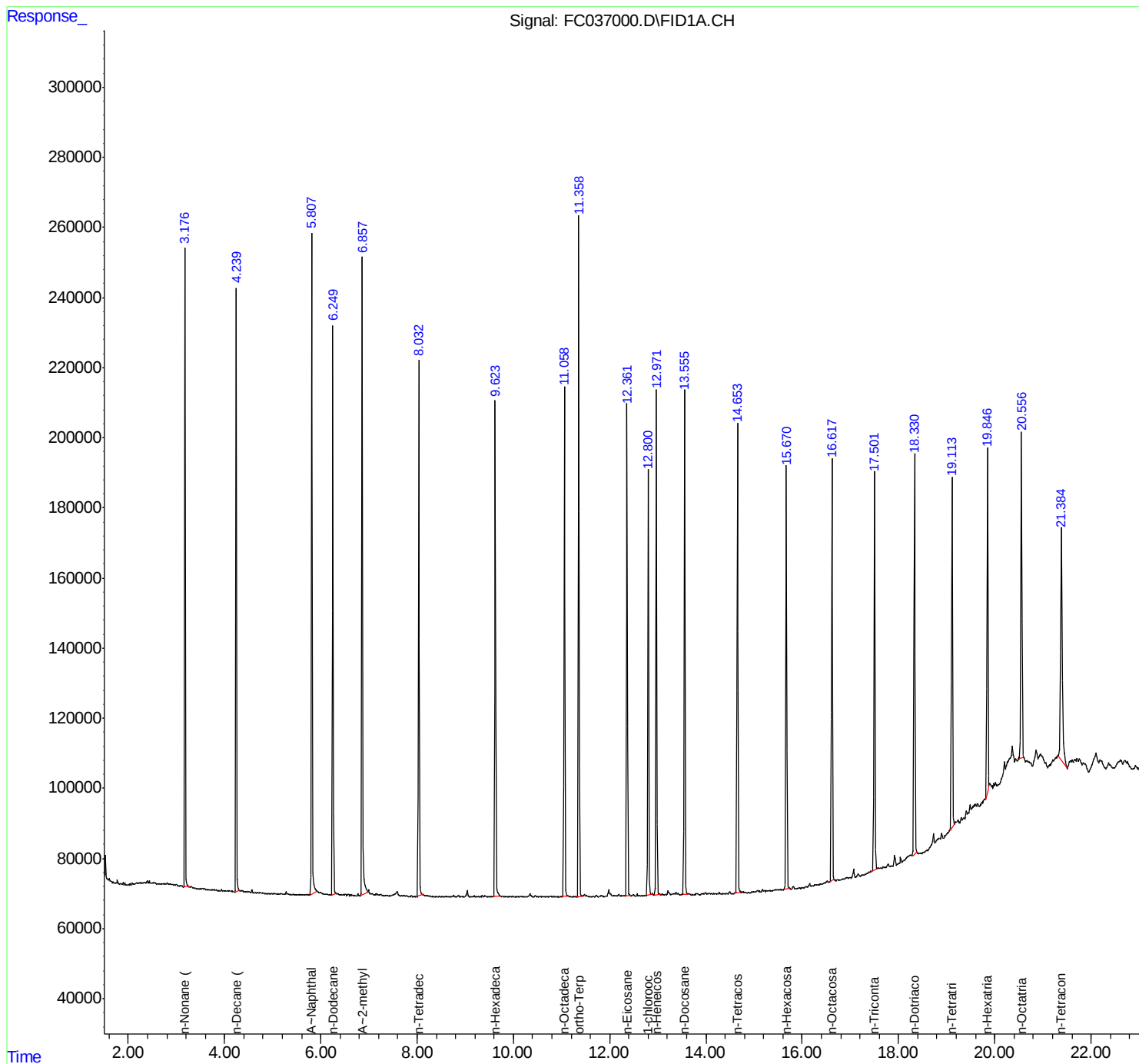
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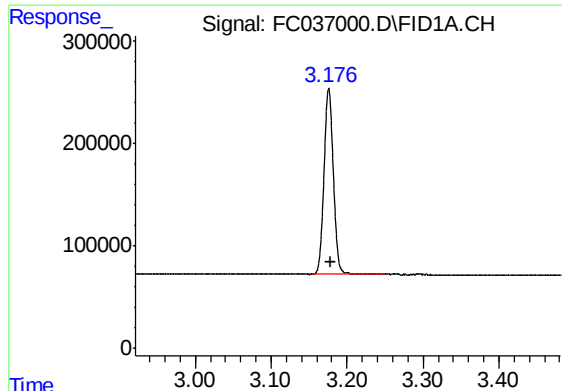
(m)=manual int.

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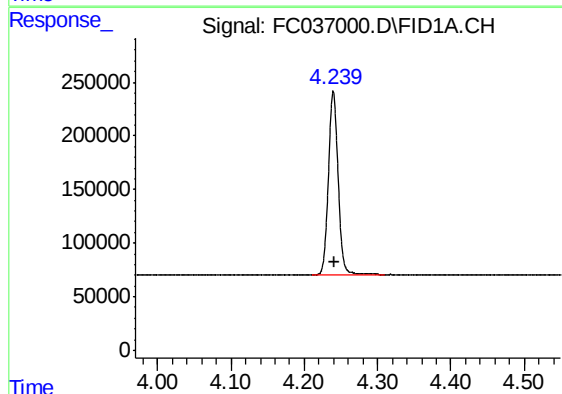
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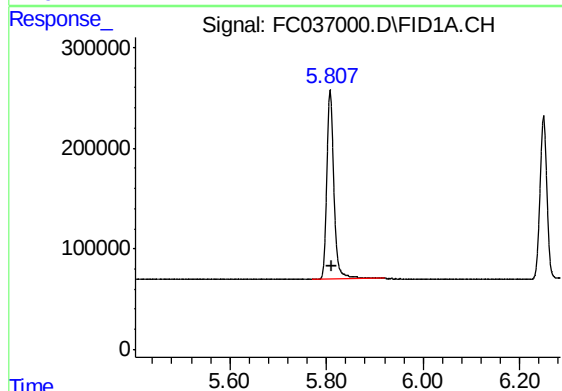
#1 n-Nonane (C9)

R.T.: 3.176 min
Delta R.T.: -0.002 min
Response: 1545317
Conc: 21.03 ug/ml



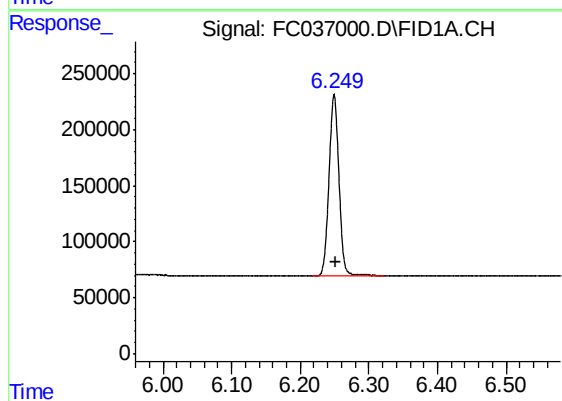
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 1568855
Conc: 21.55 ug/ml



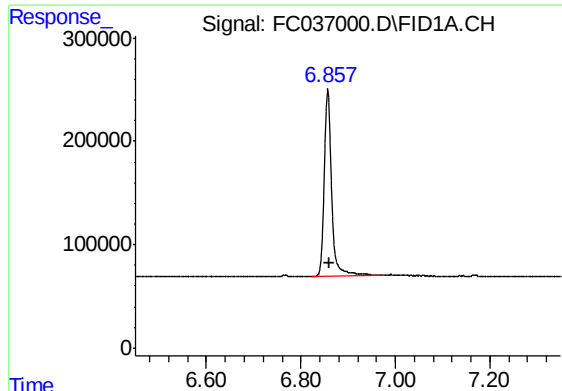
#3 A~Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 1927643
Conc: 23.11 ug/ml



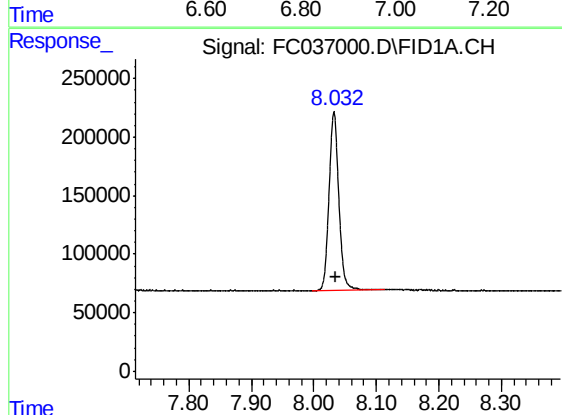
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1620273
Conc: 22.43 ug/ml



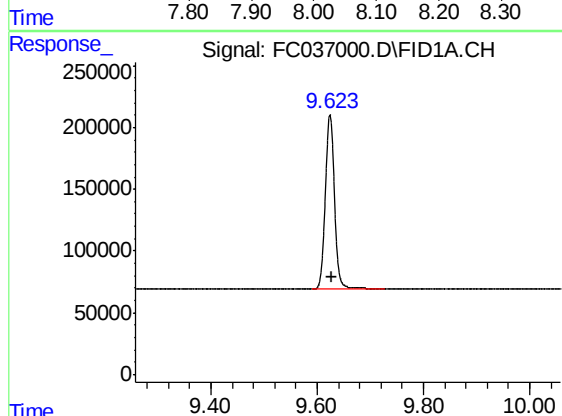
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 1961853
Conc: 23.69 ug/ml



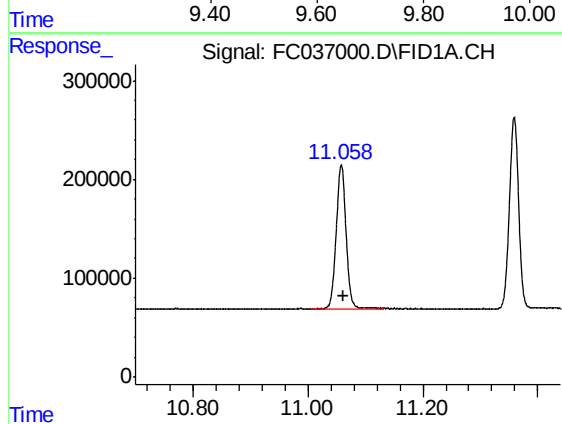
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 1651104
Conc: 22.84 ug/ml



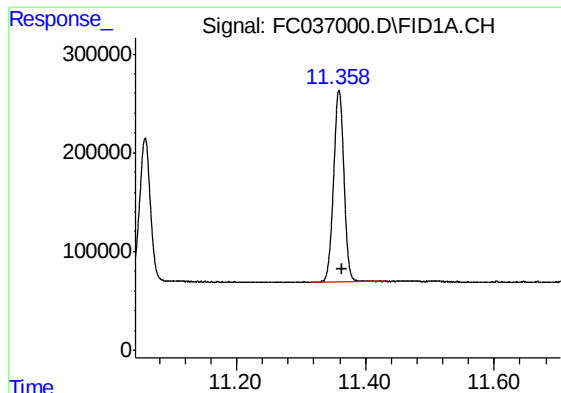
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 1695067
Conc: 23.23 ug/ml



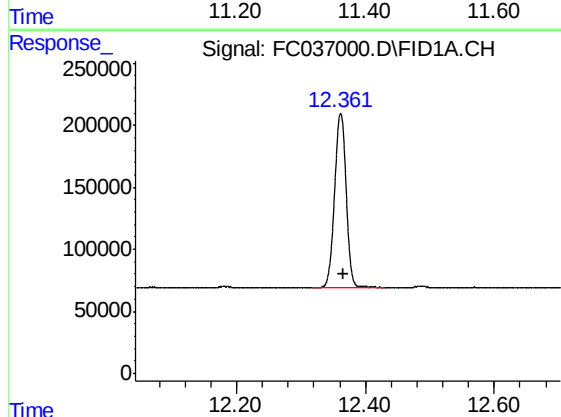
#8 n-Octadecane (C18)

R.T.: 11.058 min
Delta R.T.: -0.004 min
Response: 1720696
Conc: 23.36 ug/ml



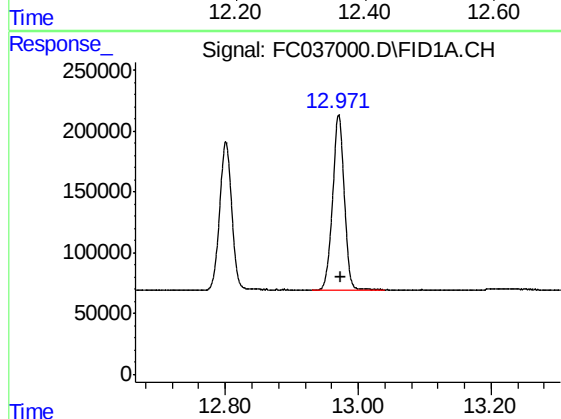
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.005 min
Response: 2174702
Conc: 24.51 ug/ml



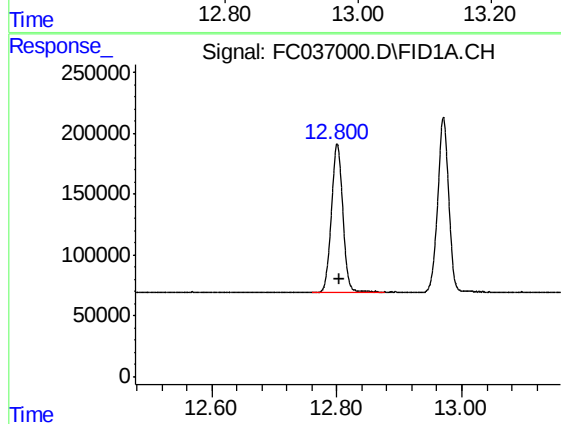
#10 n-Eicosane (C20)

R.T.: 12.362 min
Delta R.T.: -0.003 min
Response: 1747930
Conc: 23.91 ug/ml



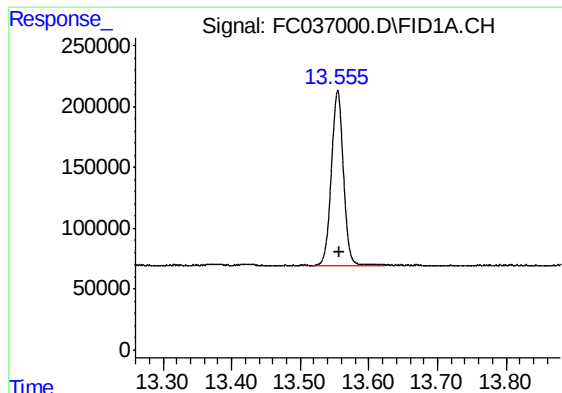
#11 n-Heneicosane (C21)

R.T.: 12.971 min
Delta R.T.: -0.004 min
Response: 1738039
Conc: 24.27 ug/ml



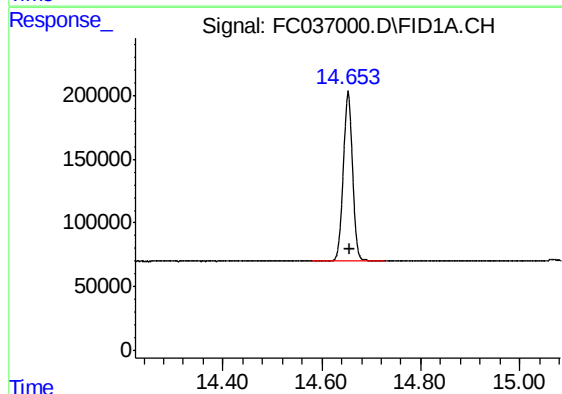
#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: -0.005 min
Response: 1532553
Conc: 24.13 ug/ml



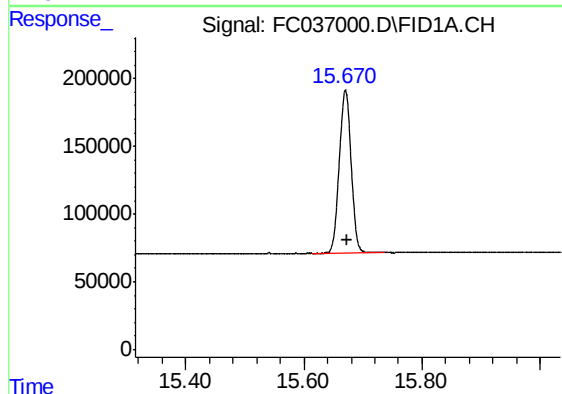
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.004 min
Response: 1731926
Conc: 24.30 ug/ml



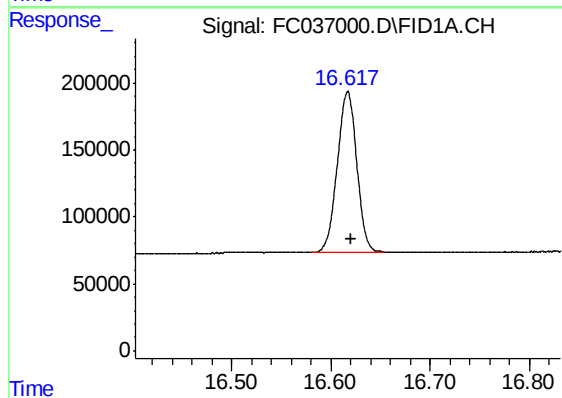
#14 n-Tetracosane (C24)

R.T.: 14.653 min
Delta R.T.: -0.003 min
Response: 1722382
Conc: 24.29 ug/ml



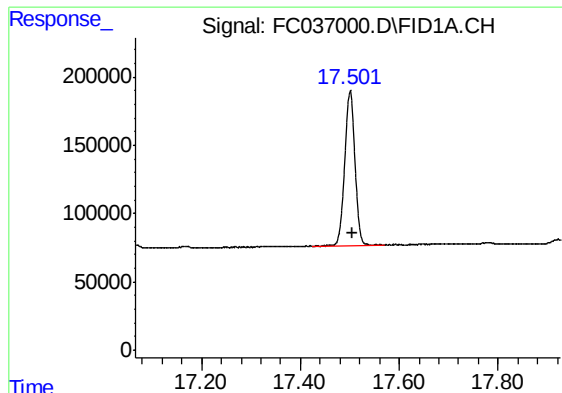
#15 n-Hexacosane (C26)

R.T.: 15.670 min
Delta R.T.: -0.003 min
Response: 1673611
Conc: 23.71 ug/ml



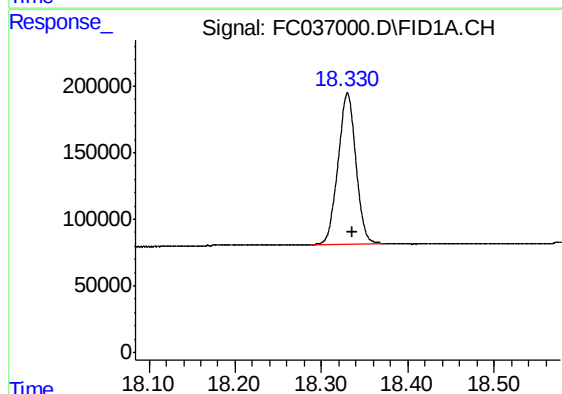
#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: -0.003 min
Response: 1635586
Conc: 22.91 ug/ml m



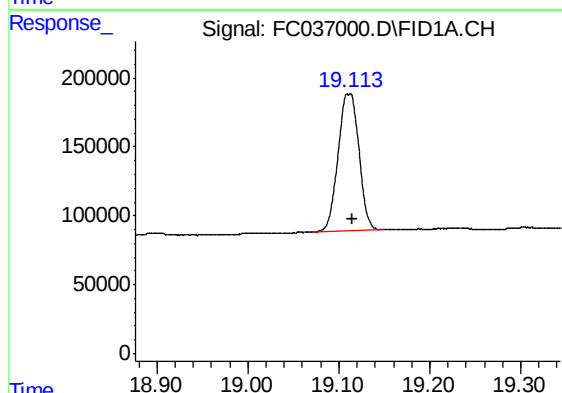
#17 n-Tricontane (C30)

R.T.: 17.501 min
Delta R.T.: -0.004 min
Response: 1615690
Conc: 21.28 ug/ml



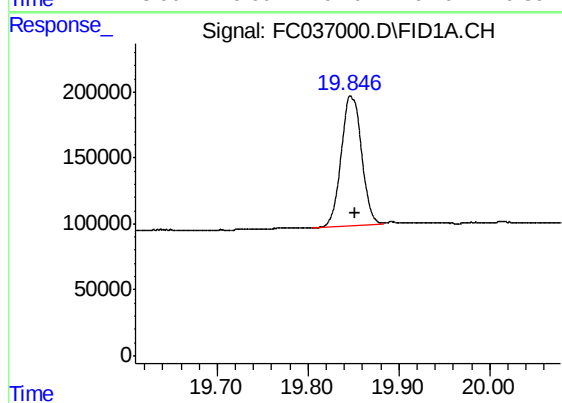
#18 n-Dotriacontane (C32)

R.T.: 18.330 min
Delta R.T.: -0.006 min
Response: 1630617
Conc: 20.34 ug/ml m



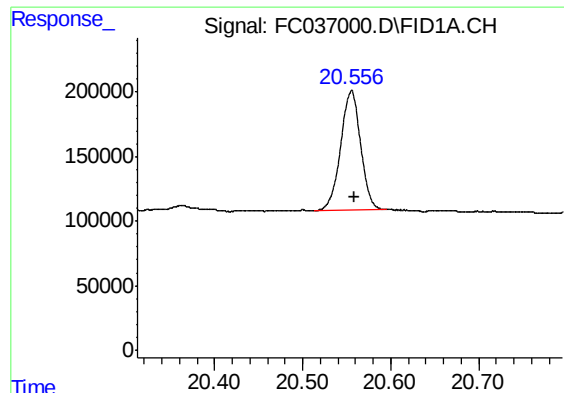
#19 n-Tetatriacontane (C34)

R.T.: 19.113 min
Delta R.T.: -0.002 min
Response: 1588718
Conc: 22.18 ug/ml m



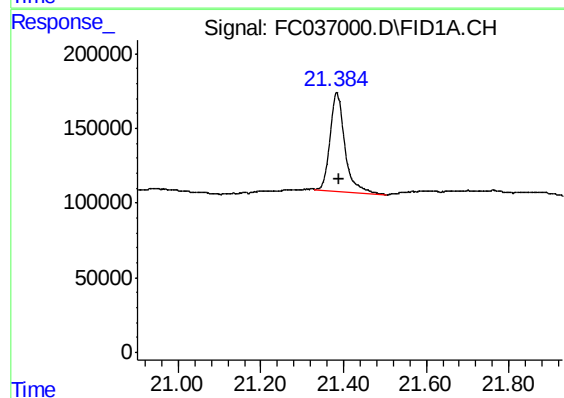
#20 n-Hexatriacontane (C36)

R.T.: 19.846 min
Delta R.T.: -0.005 min
Response: 1531471
Conc: 22.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.003 min
Response: 1459068
Conc: 22.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.384 min
Delta R.T.: -0.005 min
Response: 1625046
Conc: 24.44 ug/ml m