

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120118AL\
 Data File : FC037935.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2018 14:20
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 02:34:42 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 111318.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 14 03:04:33 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)	11.292	2218728	20.336 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
12) S 1-chlorooctadecane (S...	12.736	1574288	18.361 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T n-Nonane (C9)	3.125	1456148	17.753 ug/ml
2) T n-Decane (C10)	4.185	1511265	18.341 ug/ml
3) T A-Naphthalene (C11.7)	5.749	1914438	20.518 ug/ml
4) T n-Dodecane (C12)	6.192	1618906	19.052 ug/ml
5) T A~2-methylnaphthalene...	6.796	1954803	20.578 ug/ml
6) T n-Tetradecane (C14)	7.973	1694259	18.947 ug/ml
7) T n-Hexadecane (C16)	9.563	1766562	19.043 ug/ml
8) T n-Octadecane (C18)	10.996	1788617	18.207 ug/ml
10) T n-Eicosane (C20)	12.297	1812313	18.138 ug/ml
11) T n-Heneicosane (C21)	12.906	1806572	18.278 ug/ml
13) T n-Docosane (C22)	13.489	1804650	17.992 ug/ml
14) T n-Tetracosane (C24)	14.586	1797783	17.694 ug/ml
15) T n-Hexacosane (C26)	15.603	1776661	17.564 ug/ml
16) T n-Octacosane (C28)	16.547	1747522	17.467 ug/mlm
17) T n-Tricontane (C30)	17.432	1693578	17.245 ug/ml
18) T n-Dotriacontane (C32)	18.261	1549486	16.863 ug/ml
19) T n-Tetratriacontane (C34)	19.041	1338846	16.739 ug/ml
20) T n-Hexatriacontane (C36)	19.779	1186789	16.501 ug/mlm
21) T n-Octatriacontane (C38)	20.478	1131787	16.084 ug/mlm
22) T n-Tetracontane (C40)	21.287	1147371	16.025 ug/mlm

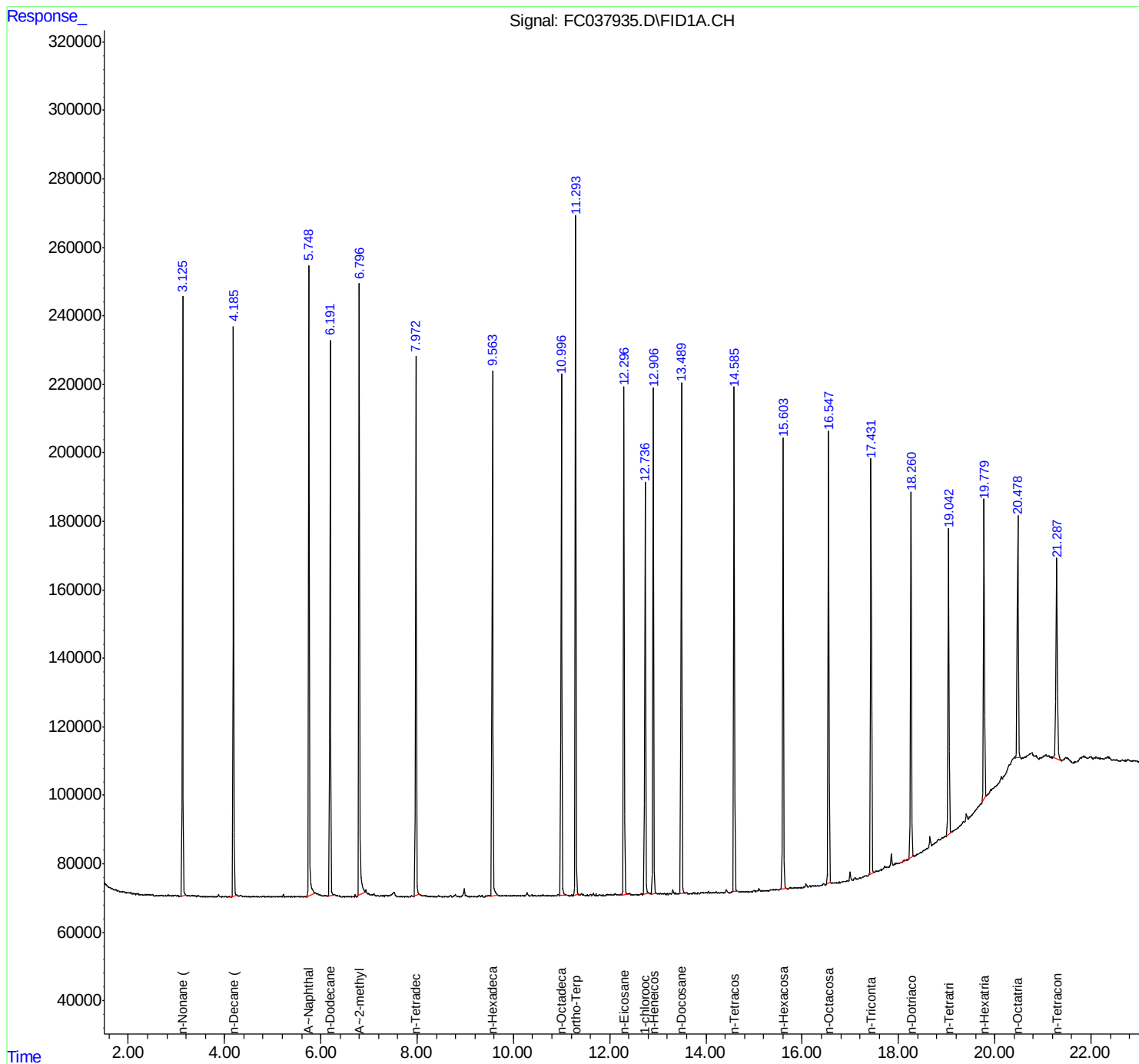
(f)=RT Delta > 1/2 Window

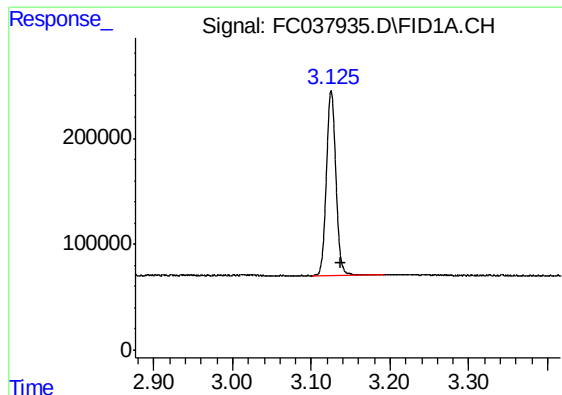
(m)=manual int.

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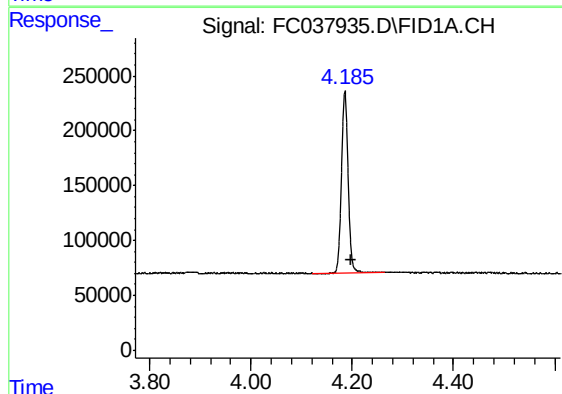
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Signal Info : 20M x 0.18mm x 0.18um





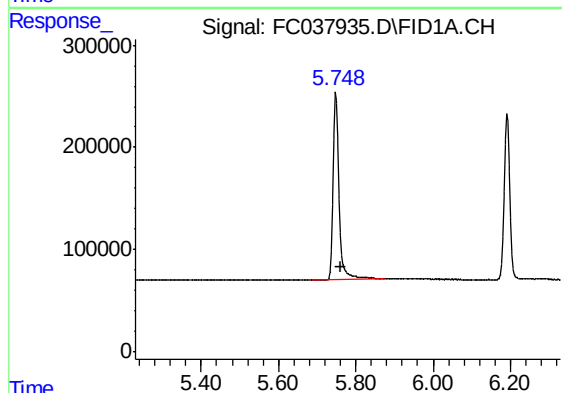
#1 n-Nonane (C9)

R.T.: 3.125 min
Delta R.T.: -0.012 min
Response: 1456148
Conc: 17.75 ug/ml



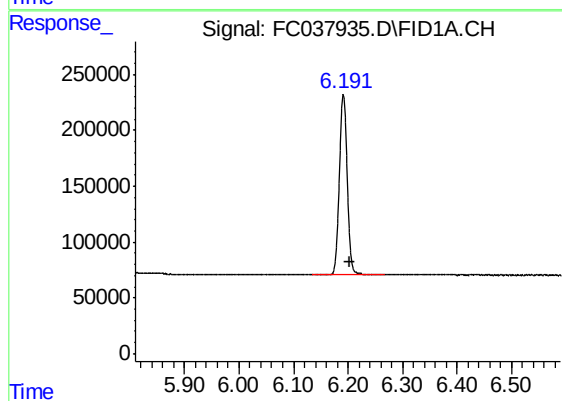
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.012 min
Response: 1511265
Conc: 18.34 ug/ml



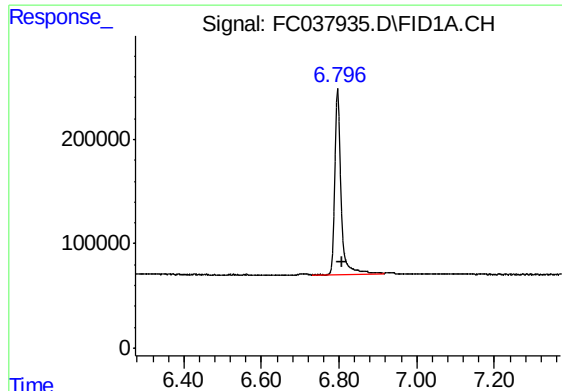
#3 A~Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.012 min
Response: 1914438
Conc: 20.52 ug/ml



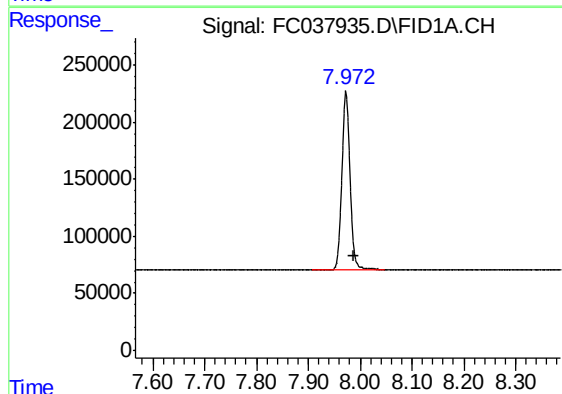
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 1618906
Conc: 19.05 ug/ml



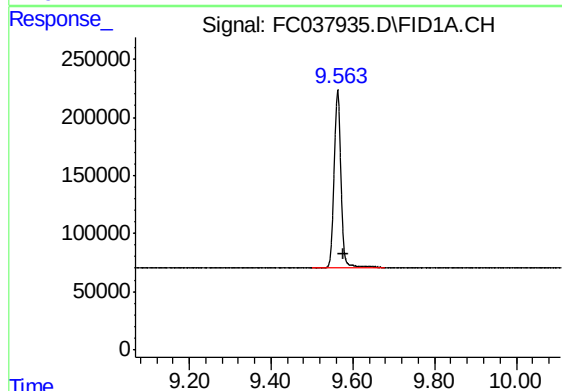
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.796 min
Delta R.T.: -0.012 min
Response: 1954803
Conc: 20.58 ug/ml



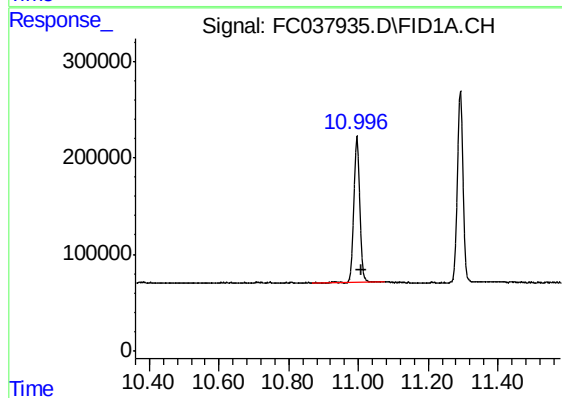
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: -0.014 min
Response: 1694259
Conc: 18.95 ug/ml



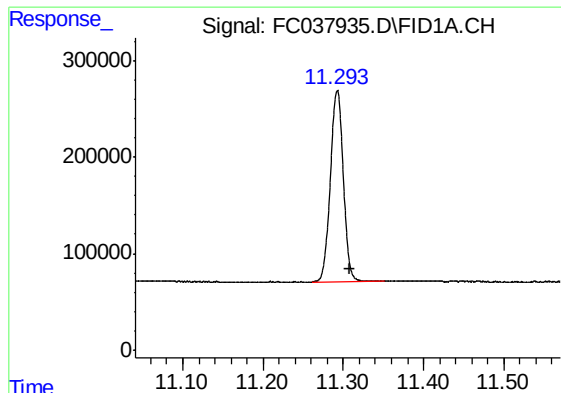
#7 n-Hexadecane (C16)

R.T.: 9.563 min
Delta R.T.: -0.014 min
Response: 1766562
Conc: 19.04 ug/ml



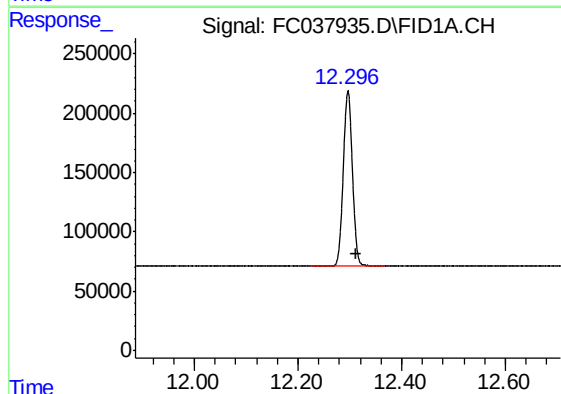
#8 n-Octadecane (C18)

R.T.: 10.996 min
Delta R.T.: -0.014 min
Response: 1788617
Conc: 18.21 ug/ml



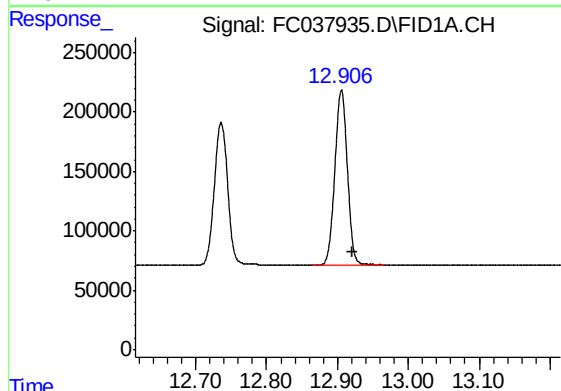
#9 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.016 min
Response: 2218728
Conc: 20.34 ug/ml



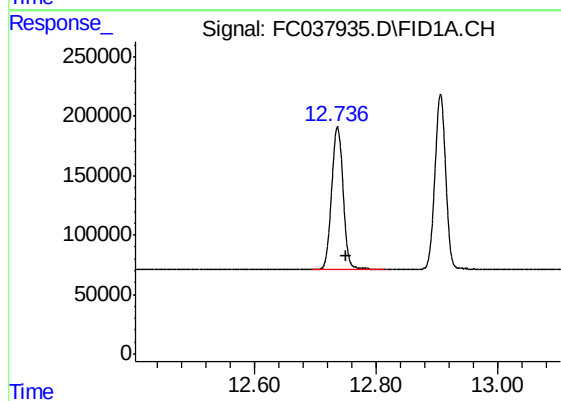
#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: -0.015 min
Response: 1812313
Conc: 18.14 ug/ml



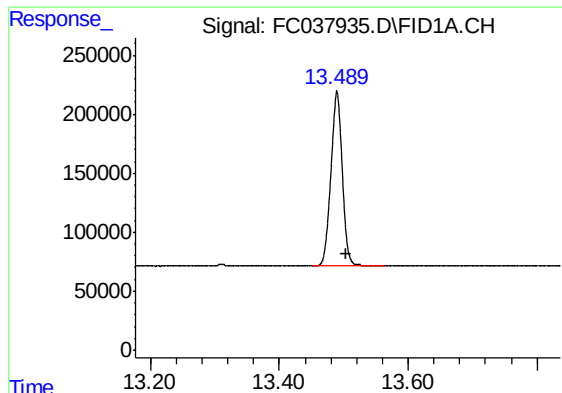
#11 n-Heneicosane (C21)

R.T.: 12.906 min
Delta R.T.: -0.015 min
Response: 1806572
Conc: 18.28 ug/ml



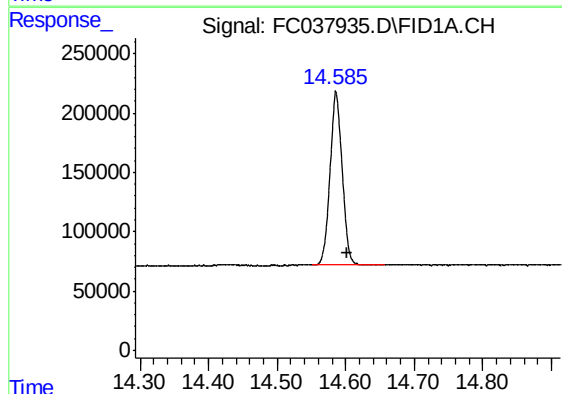
#12 1-chlorooctadecane (SURR)

R.T.: 12.736 min
Delta R.T.: -0.014 min
Response: 1574288
Conc: 18.36 ug/ml



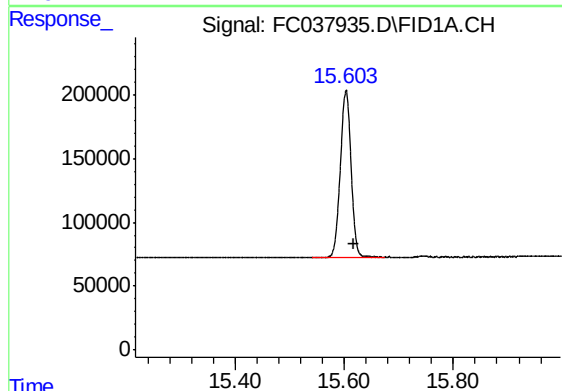
#13 n-Docosane (C22)

R.T.: 13.489 min
Delta R.T.: -0.015 min
Response: 1804650
Conc: 17.99 ug/ml



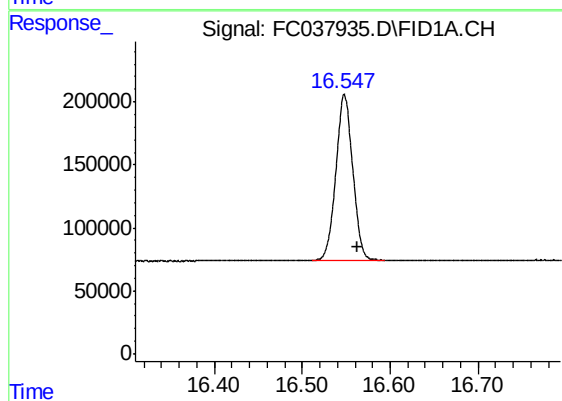
#14 n-Tetracosane (C24)

R.T.: 14.586 min
Delta R.T.: -0.016 min
Response: 1797783
Conc: 17.69 ug/ml



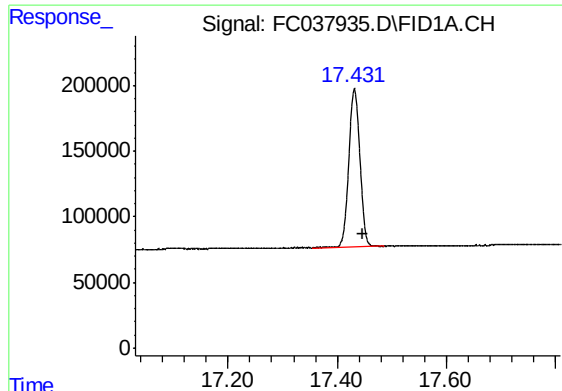
#15 n-Hexacosane (C26)

R.T.: 15.603 min
Delta R.T.: -0.015 min
Response: 1776661
Conc: 17.56 ug/ml



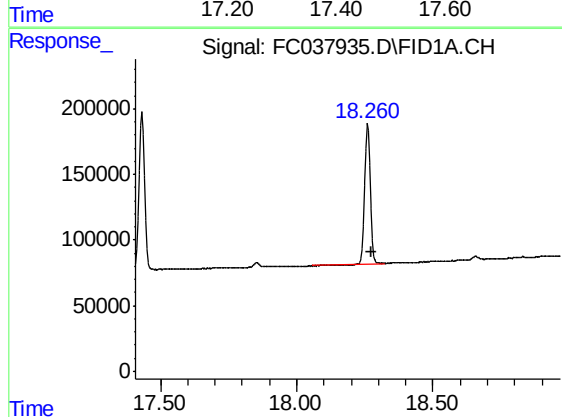
#16 n-Octacosane (C28)

R.T.: 16.547 min
Delta R.T.: -0.015 min
Response: 1747522
Conc: 17.47 ug/ml m



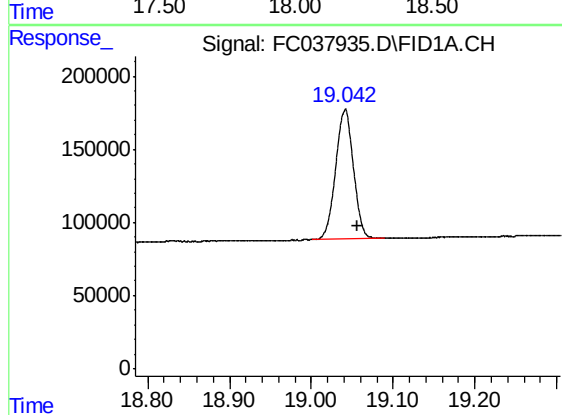
#17 n-Tricontane (C30)

R.T.: 17.432 min
Delta R.T.: -0.015 min
Response: 1693578
Conc: 17.24 ug/ml



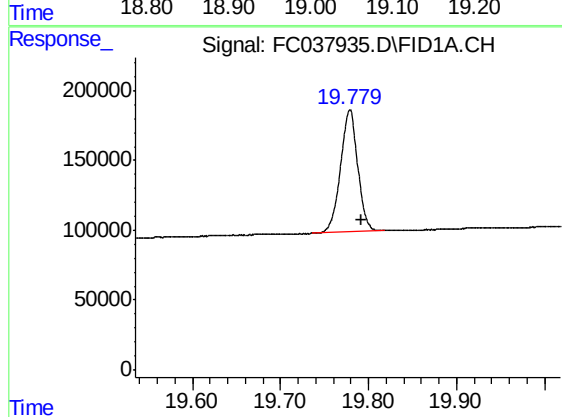
#18 n-Dotriacontane (C32)

R.T.: 18.261 min
Delta R.T.: -0.016 min
Response: 1549486
Conc: 16.86 ug/ml



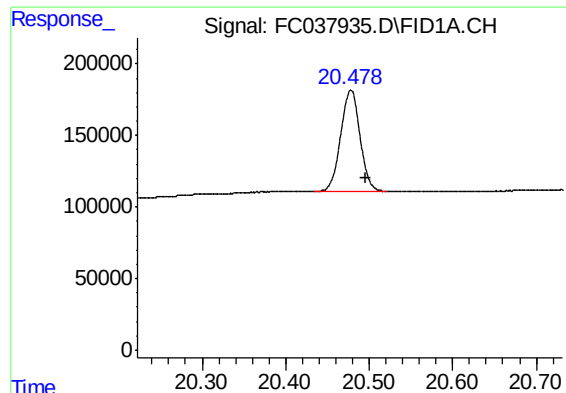
#19 n-Tetratriacontane (C34)

R.T.: 19.041 min
Delta R.T.: -0.016 min
Response: 1338846
Conc: 16.74 ug/ml



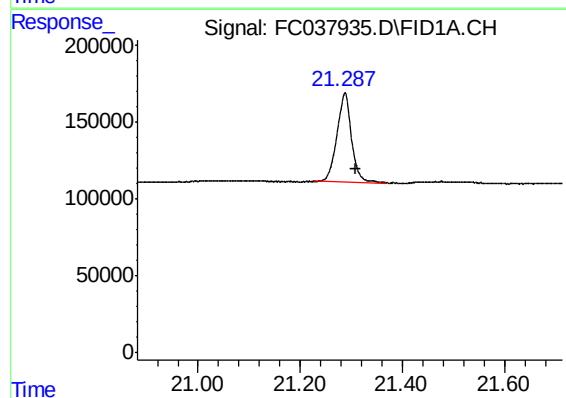
#20 n-Hexatriacontane (C36)

R.T.: 19.779 min
Delta R.T.: -0.013 min
Response: 1186789
Conc: 16.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.478 min
Delta R.T.: -0.018 min
Response: 1131787
Conc: 16.08 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.287 min
Delta R.T.: -0.020 min
Response: 1147371
Conc: 16.02 ug/ml m