

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122818AL\
 Data File : FC038435.D
 Signal(s) : FID1A.CH
 Acq On : 28 Dec 2018 22:26
 Operator : AJ\SJ
 Sample : 20 PPM ALPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 00:02:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 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)	11.272	2401565	18.422 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	12.715	1810770	17.960 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.109	1941785	18.671 ug/ml
2) T n-Decane (C10)	4.166	1990303	19.004 ug/ml
3) T A~Naphthalene (C11.7)	5.727	2294603	19.534 ug/ml
4) T n-Dodecane (C12)	6.171	2068875	19.163 ug/ml
5) T A~2-methylnaphthalene...	6.775	2295005	19.532 ug/ml
6) T n-Tetradecane (C14)	7.953	2101313	18.814 ug/ml
7) T n-Hexadecane (C16)	9.542	2117032	18.351 ug/ml
8) T n-Octadecane (C18)	10.975	2109876	17.454 ug/ml
10) T n-Eicosane (C20)	12.277	2116477	17.621 ug/ml
11) T n-Heneicosane (C21)	12.886	2104206	18.134 ug/ml
13) T n-Docosane (C22)	13.469	2109844	18.255 ug/ml
14) T n-Tetracosane (C24)	14.566	2126784	18.524 ug/ml
15) T n-Hexacosane (C26)	15.582	2133885	18.970 ug/ml
16) T n-Octacosane (C28)	16.528	2153611	19.160 ug/ml
17) T n-Tricontane (C30)	17.412	2118038	19.299 ug/ml
18) T n-Dotriacontane (C32)	18.240	1945340	18.993 ug/ml
19) T n-Tetratriacontane (C34)	19.021	1757842	19.947 ug/ml
20) T n-Hexatriacontane (C36)	19.758	2872561	36.667 ug/ml
21) T n-Octatriacontane (C38)	20.458	2816748	36.400 ug/ml
22) T n-Tetracontane (C40)	21.261	1616239	18.496 ug/ml

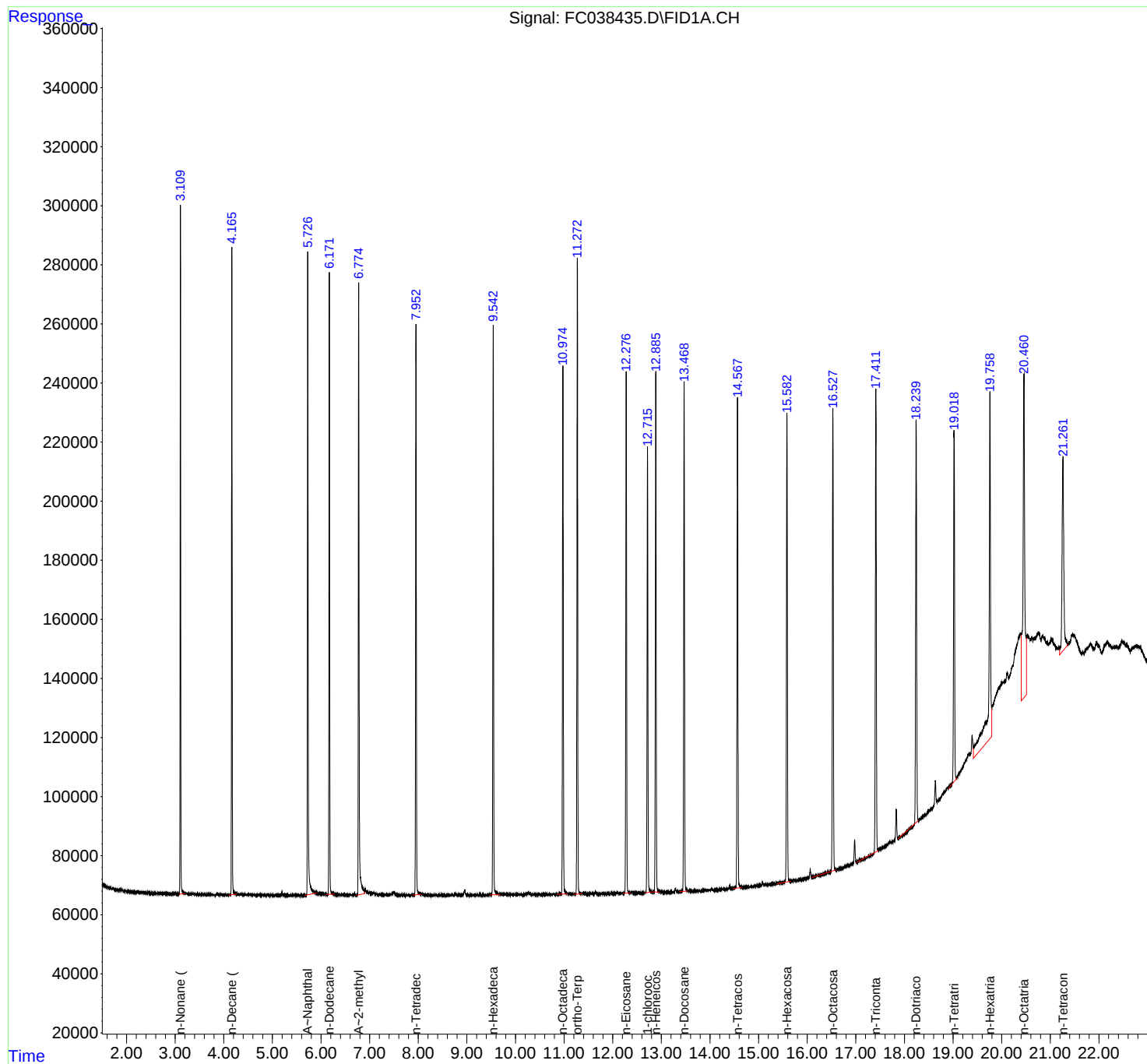
(f)=RT Delta > 1/2 Window

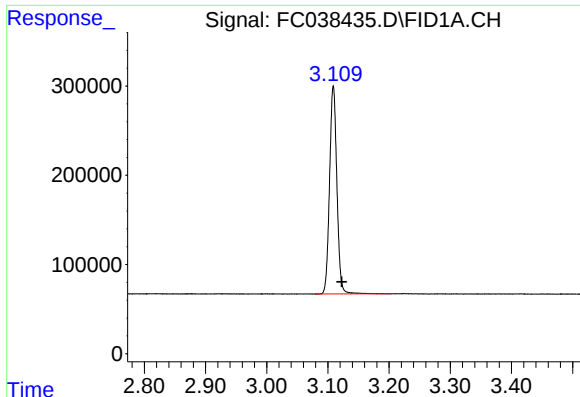
(m)=manual int.

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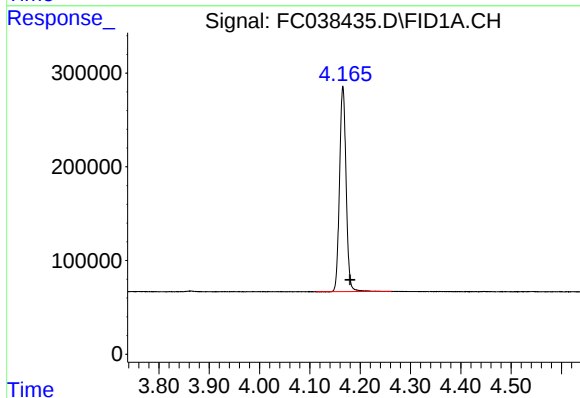
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





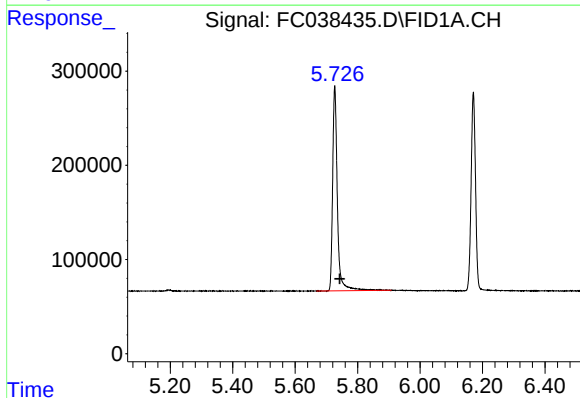
#1 n-Nonane (C9)

R.T.: 3.109 min
Delta R.T.: -0.014 min
Response: 1941785
Conc: 18.67 ug/ml



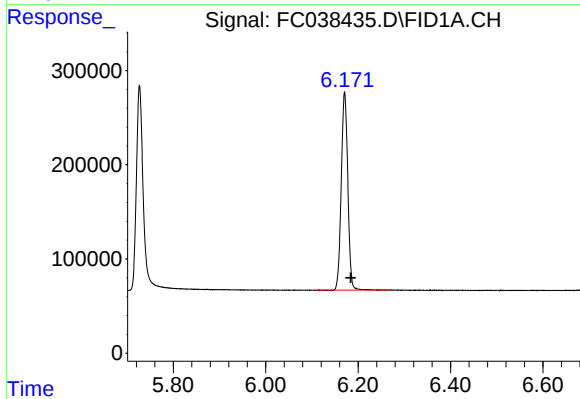
#2 n-Decane (C10)

R.T.: 4.166 min
Delta R.T.: -0.014 min
Response: 1990303
Conc: 19.00 ug/ml



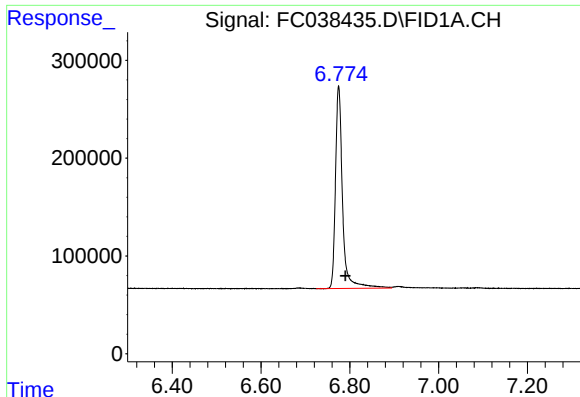
#3 A~Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 2294603
Conc: 19.53 ug/ml



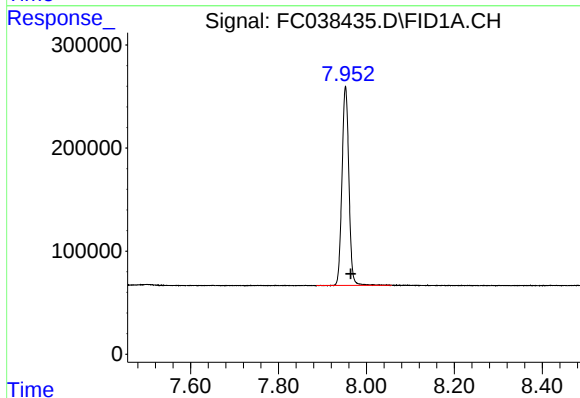
#4 n-Dodecane (C12)

R.T.: 6.171 min
Delta R.T.: -0.013 min
Response: 2068875
Conc: 19.16 ug/ml



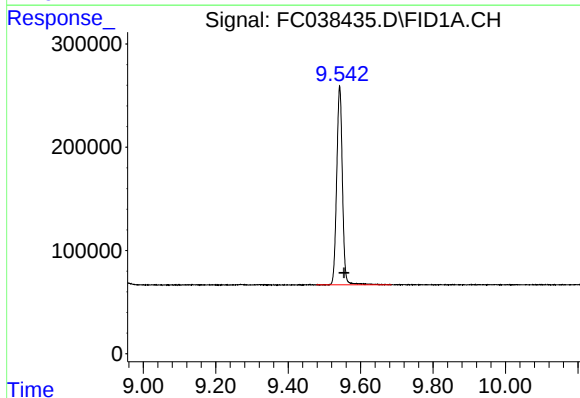
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.015 min
Response: 2295005
Conc: 19.53 ug/ml



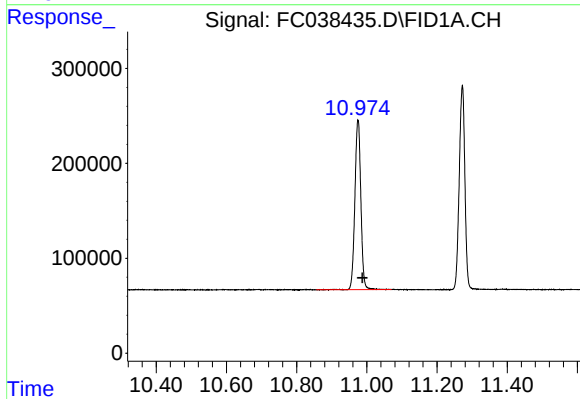
#6 n-Tetradecane (C14)

R.T.: 7.953 min
Delta R.T.: -0.012 min
Response: 2101313
Conc: 18.81 ug/ml



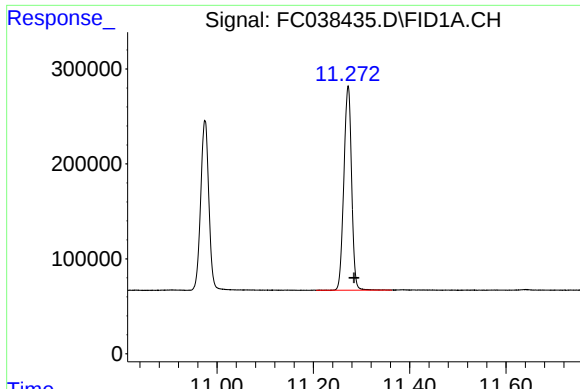
#7 n-Hexadecane (C16)

R.T.: 9.542 min
Delta R.T.: -0.012 min
Response: 2117032
Conc: 18.35 ug/ml



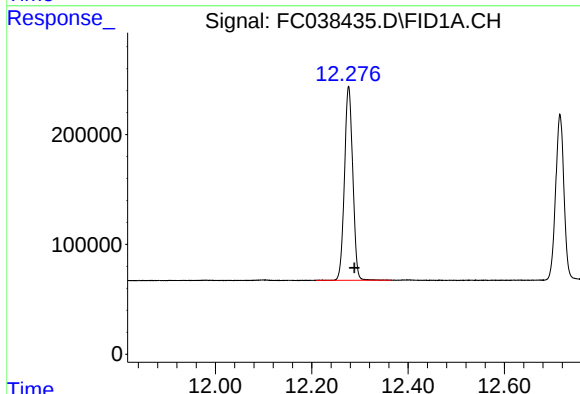
#8 n-Octadecane (C18)

R.T.: 10.975 min
Delta R.T.: -0.013 min
Response: 2109876
Conc: 17.45 ug/ml



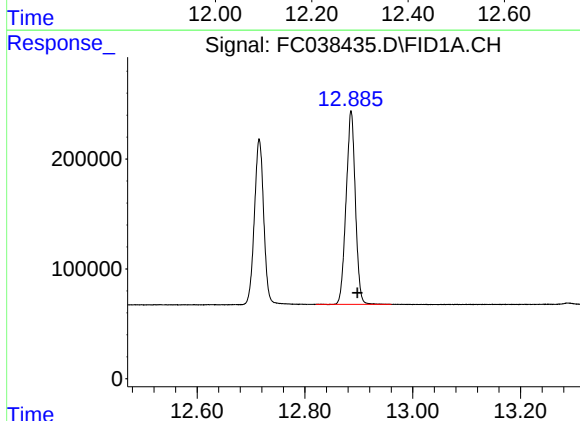
#9 ortho-Terphenyl (SURR)

R.T.: 11.272 min
Delta R.T.: -0.012 min
Response: 2401565
Conc: 18.42 ug/ml



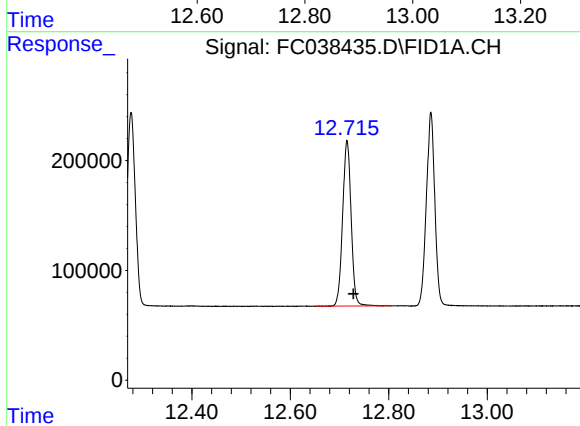
#10 n-Eicosane (C20)

R.T.: 12.277 min
Delta R.T.: -0.012 min
Response: 2116477
Conc: 17.62 ug/ml



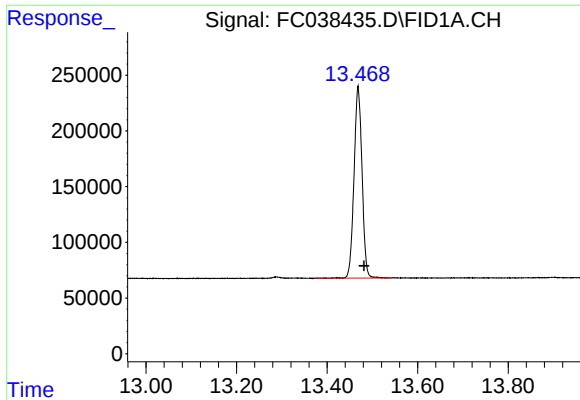
#11 n-Heneicosane (C21)

R.T.: 12.886 min
Delta R.T.: -0.012 min
Response: 2104206
Conc: 18.13 ug/ml



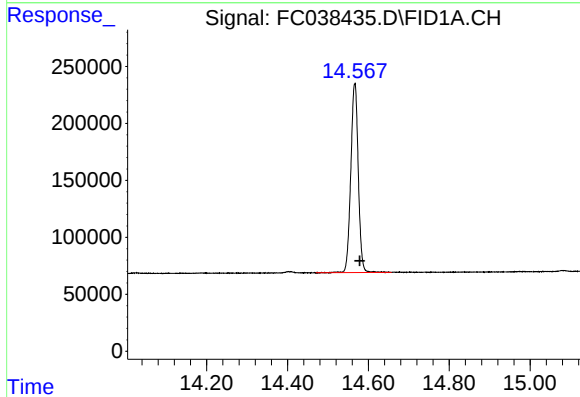
#12 1-chlorooctadecane (SURR)

R.T.: 12.715 min
Delta R.T.: -0.013 min
Response: 1810770
Conc: 17.96 ug/ml



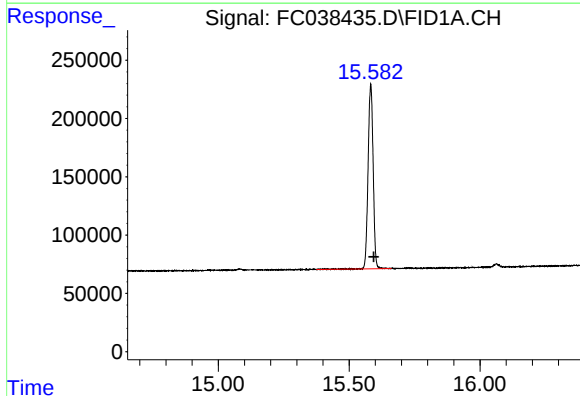
#13 n-Docosane (C22)

R.T.: 13.469 min
Delta R.T.: -0.013 min
Response: 2109844
Conc: 18.26 ug/ml



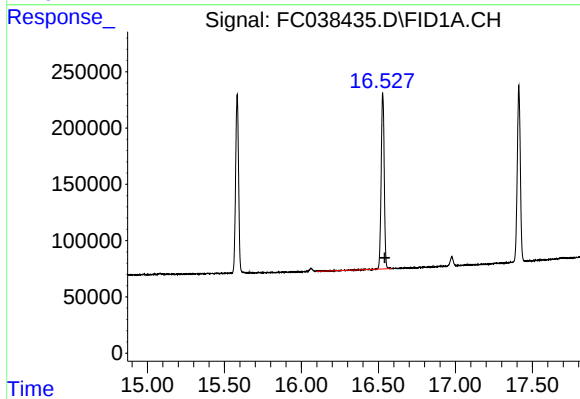
#14 n-Tetracosane (C24)

R.T.: 14.566 min
Delta R.T.: -0.013 min
Response: 2126784
Conc: 18.52 ug/ml



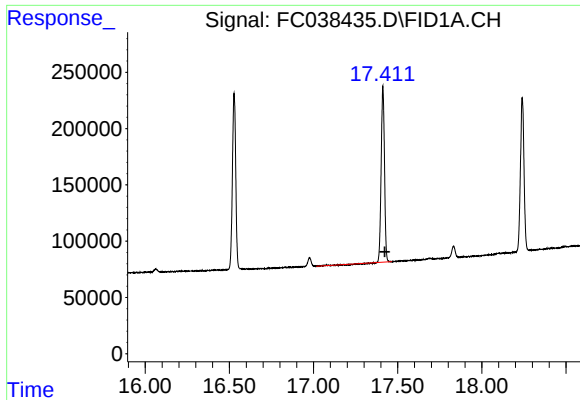
#15 n-Hexacosane (C26)

R.T.: 15.582 min
Delta R.T.: -0.012 min
Response: 2133885
Conc: 18.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.528 min
Delta R.T.: -0.012 min
Response: 2153611
Conc: 19.16 ug/ml



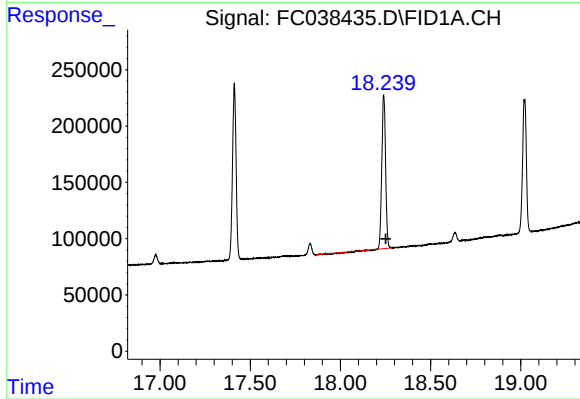
#17 n-Tricontane (C30)

R.T.: 17.412 min

Delta R.T.: -0.011 min

Response: 2118038

Conc: 19.30 ug/ml



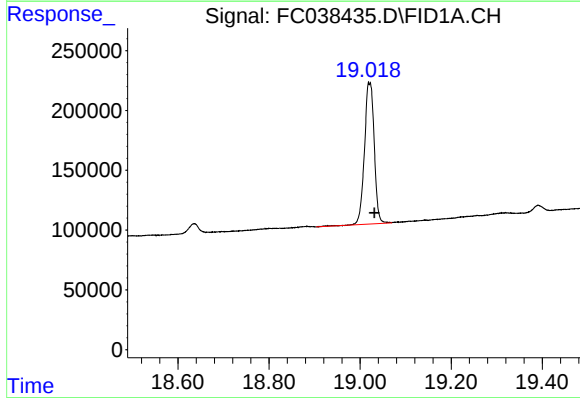
#18 n-Dotriacontane (C32)

R.T.: 18.240 min

Delta R.T.: -0.012 min

Response: 1945340

Conc: 18.99 ug/ml



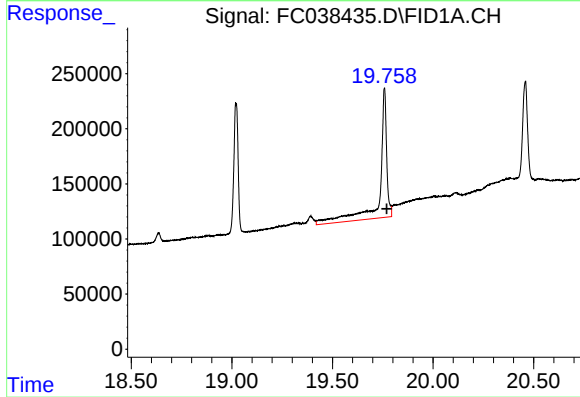
#19 n-Tetratriacontane (C34)

R.T.: 19.021 min

Delta R.T.: -0.011 min

Response: 1757842

Conc: 19.95 ug/ml



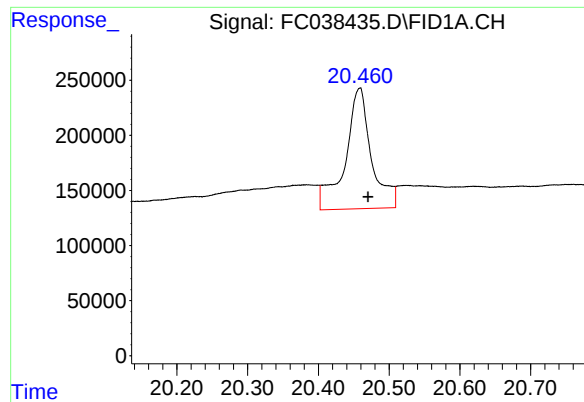
#20 n-Hexatriacontane (C36)

R.T.: 19.758 min

Delta R.T.: -0.012 min

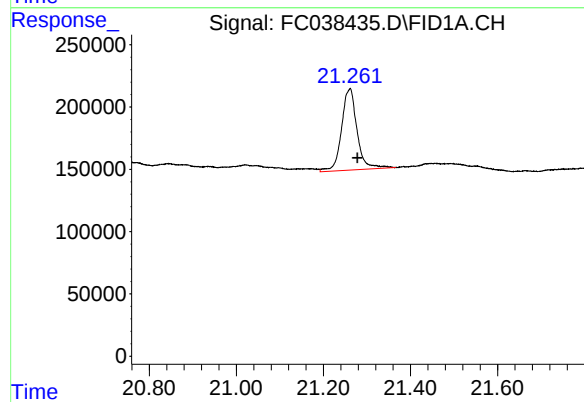
Response: 2872561

Conc: 36.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.458 min
Delta R.T.: -0.012 min
Response: 2816748
Conc: 36.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.261 min
Delta R.T.: -0.018 min
Response: 1616239
Conc: 18.50 ug/ml