

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121418AL\
 Data File : FC038199.D
 Signal(s) : FID1A.CH
 Acq On : 13 Dec 2018 19:15
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 14 00:23:24 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 11 15:29:14 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)	11.279	2540553	19.488 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
12) S 1-chlorooctadecane (S...	12.722	1922532	19.068 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.118	2115890	20.346 ug/ml
2) T n-Decane (C10)	4.175	2147776	20.507 ug/ml
3) T A~Naphthalene (C11.7)	5.735	2437390	20.749 ug/ml
4) T n-Dodecane (C12)	6.180	2193087	20.314 ug/ml
5) T A~2-methylnaphthalene...	6.783	2415933	20.561 ug/ml
6) T n-Tetradecane (C14)	7.961	2213673	19.820 ug/ml
7) T n-Hexadecane (C16)	9.550	2215232	19.202 ug/ml
8) T n-Octadecane (C18)	10.982	2232343	18.467 ug/ml
10) T n-Eicosane (C20)	12.284	2252550	18.754 ug/ml
11) T n-Heneicosane (C21)	12.892	2237474	19.282 ug/ml
13) T n-Docosane (C22)	13.474	2250187	19.470 ug/ml
14) T n-Tetracosane (C24)	14.572	2264766	19.725 ug/ml
15) T n-Hexacosane (C26)	15.587	2270019	20.180 ug/ml
16) T n-Octacosane (C28)	16.532	2318802	20.630 ug/ml
17) T n-Tricontane (C30)	17.415	2318689	21.127 ug/ml
18) T n-Dotriacontane (C32)	18.245	2282749	22.287 ug/ml
19) T n-Tetratriacontane (C34)	19.025	1958306	22.222 ug/ml
20) T n-Hexatriacontane (C36)	19.760	1756662	22.423 ug/ml
21) T n-Octatriacontane (C38)	20.461	1678652	21.693 ug/ml
22) T n-Tetracontane (C40)	21.261	1838030	21.034 ug/ml

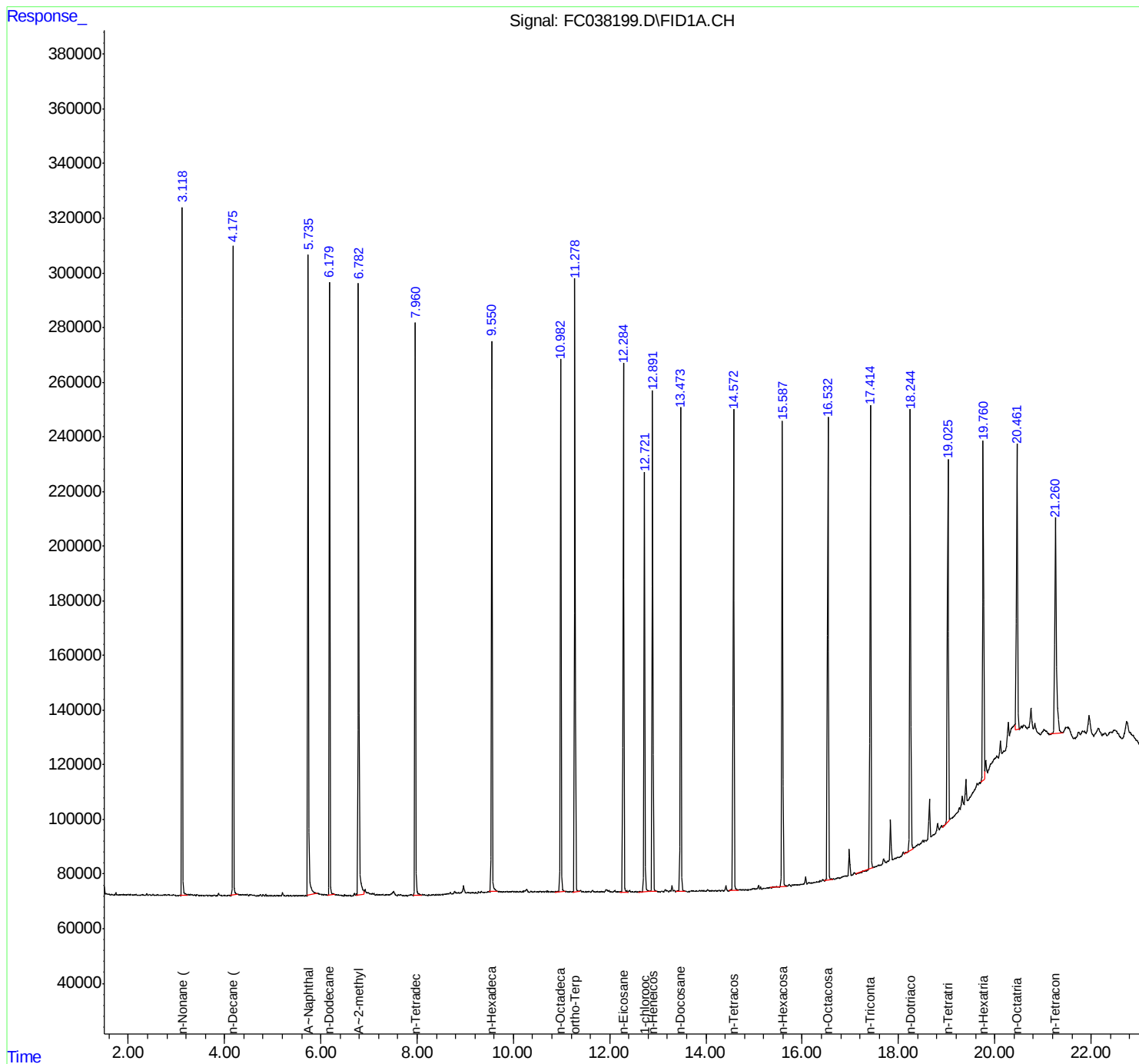
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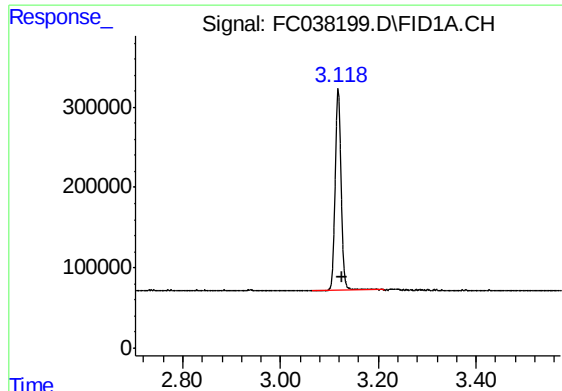
(m)=manual int.

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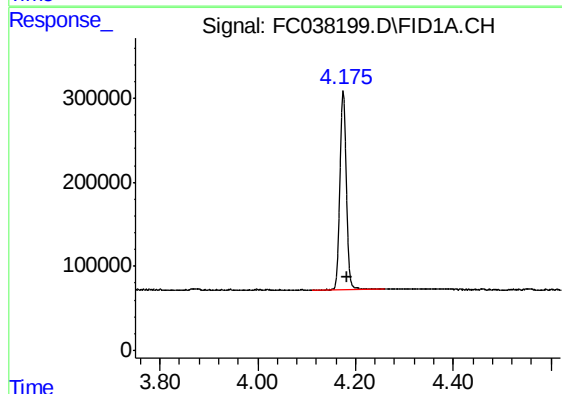
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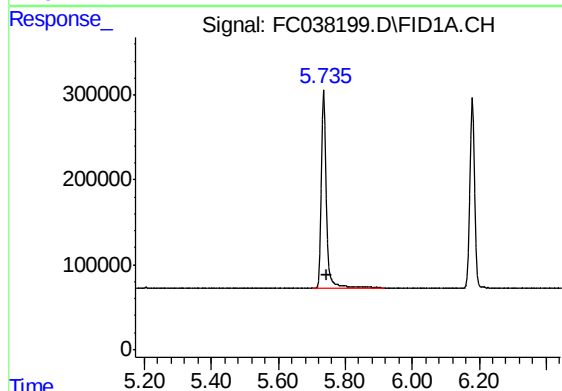
#1 n-Nonane (C9)

R.T.: 3.118 min
Delta R.T.: -0.007 min
Response: 2115890
Conc: 20.35 ug/ml



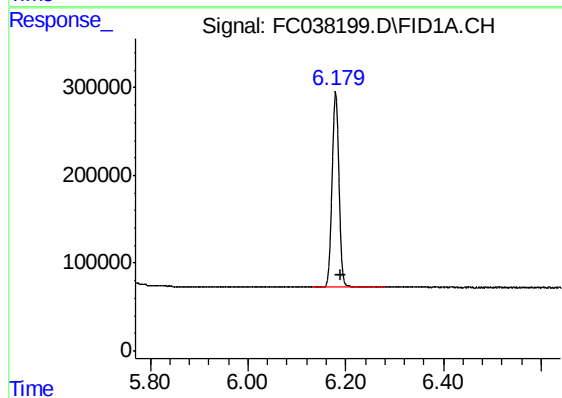
#2 n-Decane (C10)

R.T.: 4.175 min
Delta R.T.: -0.008 min
Response: 2147776
Conc: 20.51 ug/ml



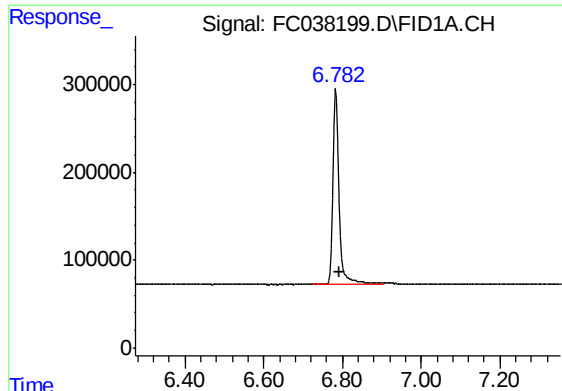
#3 A~Naphthalene (C11.7)

R.T.: 5.735 min
Delta R.T.: -0.008 min
Response: 2437390
Conc: 20.75 ug/ml



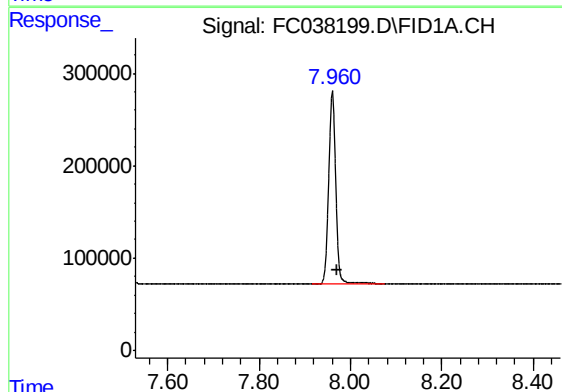
#4 n-Dodecane (C12)

R.T.: 6.180 min
Delta R.T.: -0.010 min
Response: 2193087
Conc: 20.31 ug/ml



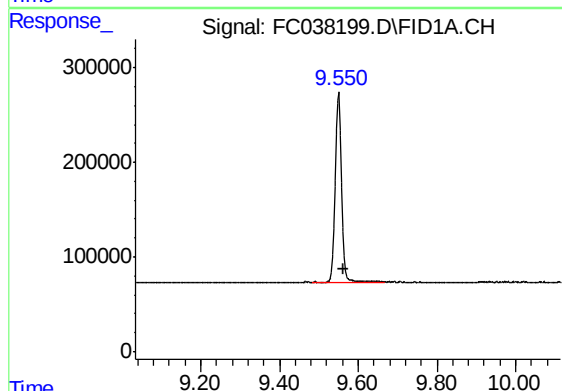
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.783 min
Delta R.T.: -0.011 min
Response: 2415933
Conc: 20.56 ug/ml



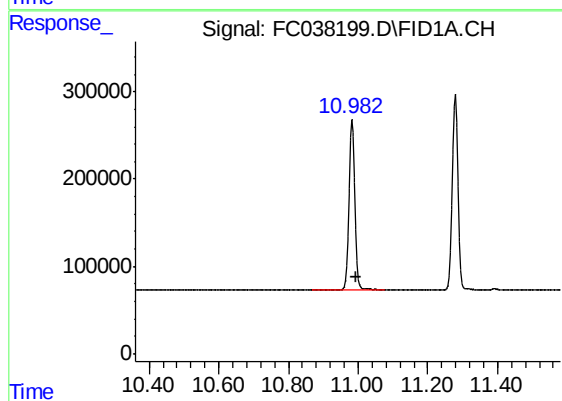
#6 n-Tetradecane (C14)

R.T.: 7.961 min
Delta R.T.: -0.011 min
Response: 2213673
Conc: 19.82 ug/ml



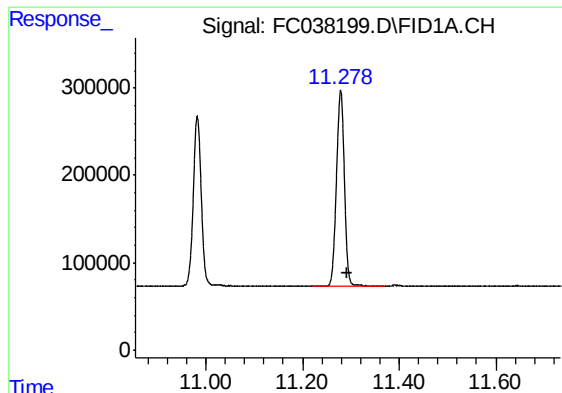
#7 n-Hexadecane (C16)

R.T.: 9.550 min
Delta R.T.: -0.013 min
Response: 2215232
Conc: 19.20 ug/ml



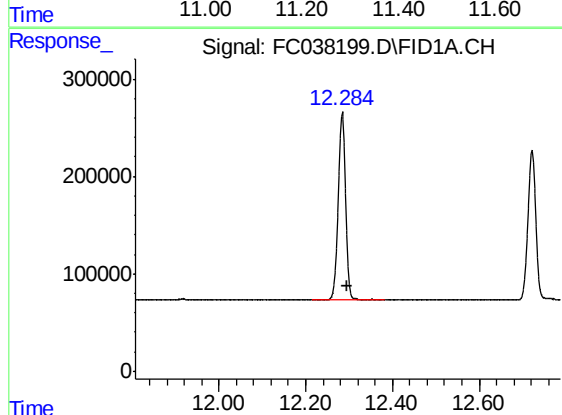
#8 n-Octadecane (C18)

R.T.: 10.982 min
Delta R.T.: -0.014 min
Response: 2232343
Conc: 18.47 ug/ml



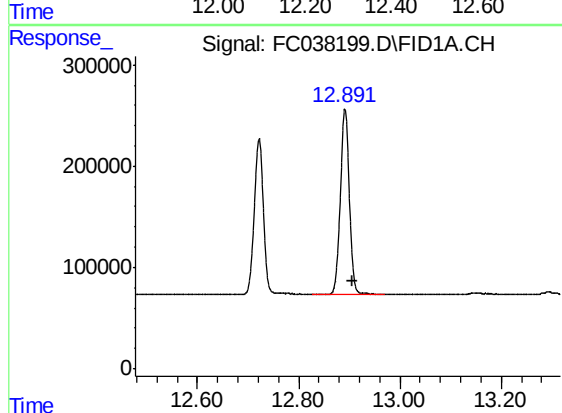
#9 ortho-Terphenyl (SURR)

R.T.: 11.279 min
Delta R.T.: -0.015 min
Response: 2540553
Conc: 19.49 ug/ml



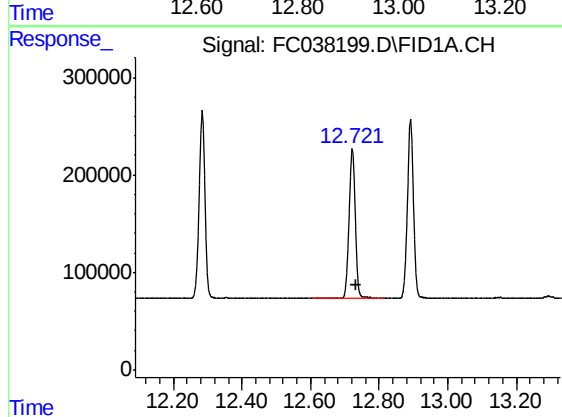
#10 n-Eicosane (C20)

R.T.: 12.284 min
Delta R.T.: -0.013 min
Response: 2252550
Conc: 18.75 ug/ml



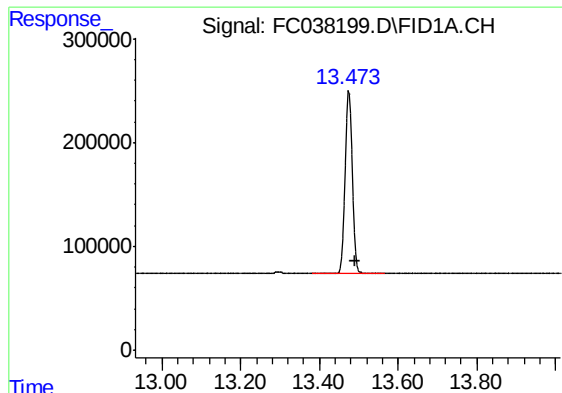
#11 n-Heneicosane (C21)

R.T.: 12.892 min
Delta R.T.: -0.014 min
Response: 2237474
Conc: 19.28 ug/ml



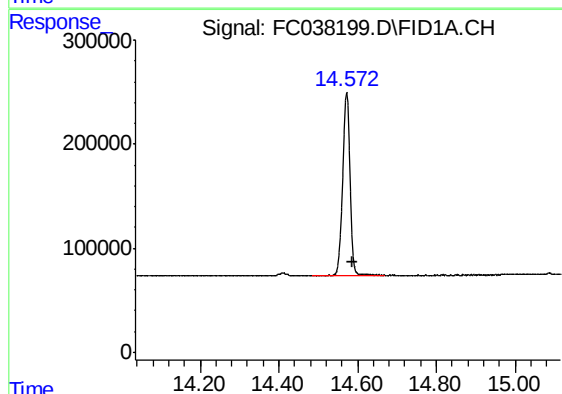
#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: -0.013 min
Response: 1922532
Conc: 19.07 ug/ml



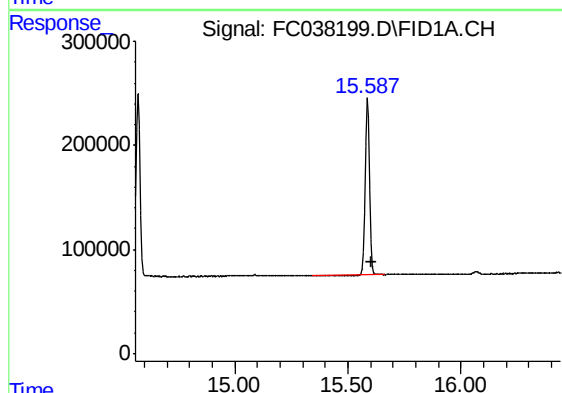
#13 n-Docosane (C22)

R.T.: 13.474 min
Delta R.T.: -0.015 min
Response: 2250187
Conc: 19.47 ug/ml



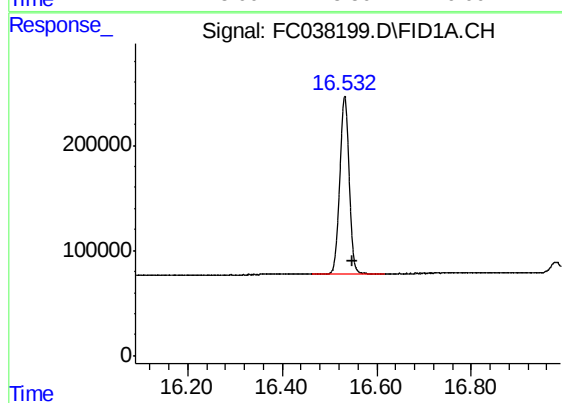
#14 n-Tetracosane (C24)

R.T.: 14.572 min
Delta R.T.: -0.014 min
Response: 2264766
Conc: 19.73 ug/ml



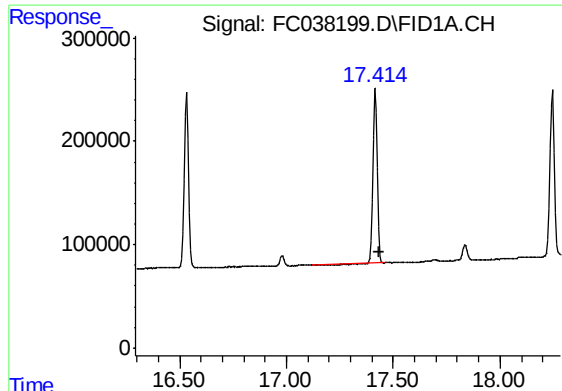
#15 n-Hexacosane (C26)

R.T.: 15.587 min
Delta R.T.: -0.015 min
Response: 2270019
Conc: 20.18 ug/ml



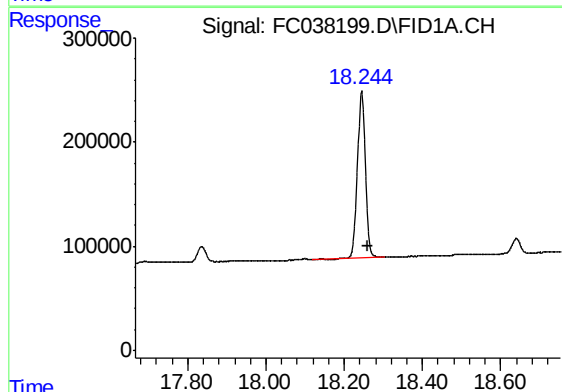
#16 n-Octacosane (C28)

R.T.: 16.532 min
Delta R.T.: -0.017 min
Response: 2318802
Conc: 20.63 ug/ml



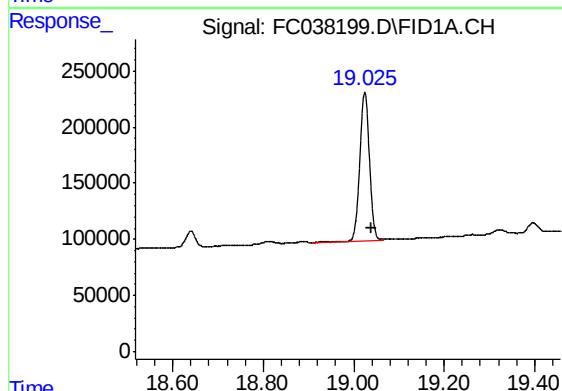
#17 n-Tricontane (C30)

R.T.: 17.415 min
Delta R.T.: -0.018 min
Response: 2318689
Conc: 21.13 ug/ml



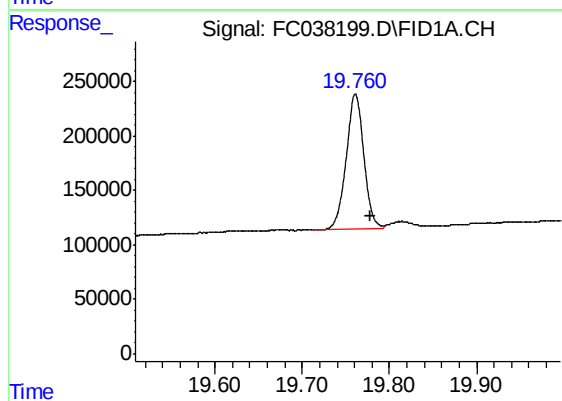
#18 n-Dotriacontane (C32)

R.T.: 18.245 min
Delta R.T.: -0.016 min
Response: 2282749
Conc: 22.29 ug/ml



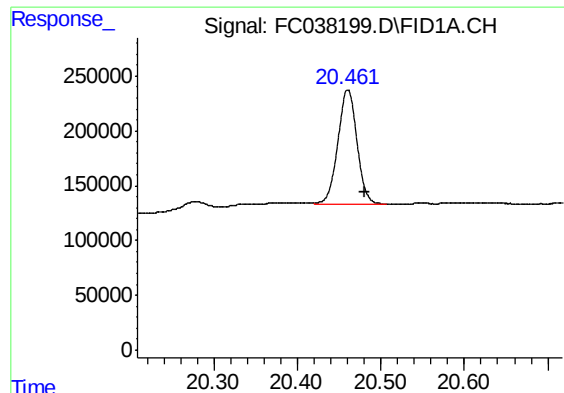
#19 n-Tetratriacontane (C34)

R.T.: 19.025 min
Delta R.T.: -0.016 min
Response: 1958306
Conc: 22.22 ug/ml



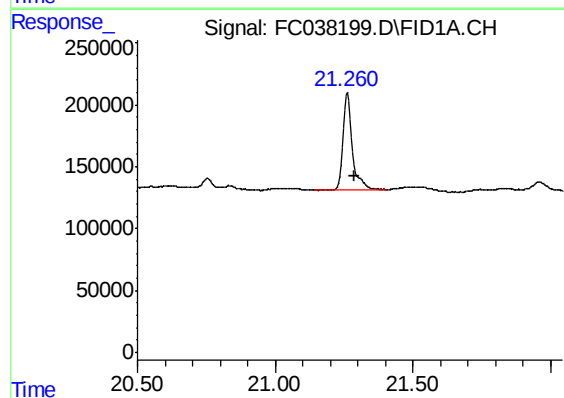
#20 n-Hexatriacontane (C36)

R.T.: 19.760 min
Delta R.T.: -0.018 min
Response: 1756662
Conc: 22.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.461 min
Delta R.T.: -0.020 min
Response: 1678652
Conc: 21.69 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.261 min
Delta R.T.: -0.028 min
Response: 1838030
Conc: 21.03 ug/ml