

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101718AL\
 Data File : FC036934.D
 Signal(s) : FID1A.CH
 Acq On : 17 Oct 2018 16:53
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 18 13:17:10 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 13:16:54 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)	11.362	1776077	20.017 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	12.803	1298303	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T n-Nonane (C9)	3.177	1415025	19.255 ug/ml
2) T n-Decane (C10)	4.241	1410926	19.382 ug/ml
3) T A~Naphthalene (C11.7)	5.809	1621458	19.435 ug/ml
4) T n-Dodecane (C12)	6.250	1408363	19.493 ug/ml
5) T A~2-methylnaphthalene...	6.858	1603639	19.367 ug/ml
6) T n-Tetradecane (C14)	8.034	1423235	19.690 ug/ml
7) T n-Hexadecane (C16)	9.626	1448998	19.860 ug/ml
8) T n-Octadecane (C18)	11.061	1480280	20.099 ug/ml
10) T n-Eicosane (C20)	12.363	1494796	20.446 ug/ml
11) T n-Heneicosane (C21)	12.973	1496080	20.891 ug/ml
13) T n-Docosane (C22)	13.557	1484629	20.826 ug/ml
14) T n-Tetracosane (C24)	14.656	1490358	21.022 ug/ml
15) T n-Hexacosane (C26)	15.673	1472367	20.859 ug/ml
16) T n-Octacosane (C28)	16.619	1476952	20.692 ug/ml
17) T n-Tricontane (C30)	17.504	1518617	19.997 ug/ml
18) T n-Dotriacontane (C32)	18.332	1606190	20.033 ug/ml
19) T n-Tetratriacontane (C34)	19.115	1538091	21.469 ug/ml
20) T n-Hexatriacontane (C36)	19.849	1283679	18.751 ug/ml
21) T n-Octatriacontane (C38)	20.556	1401686	21.149 ug/ml
22) T n-Tetracontane (C40)	21.388	1403119	21.100 ug/ml

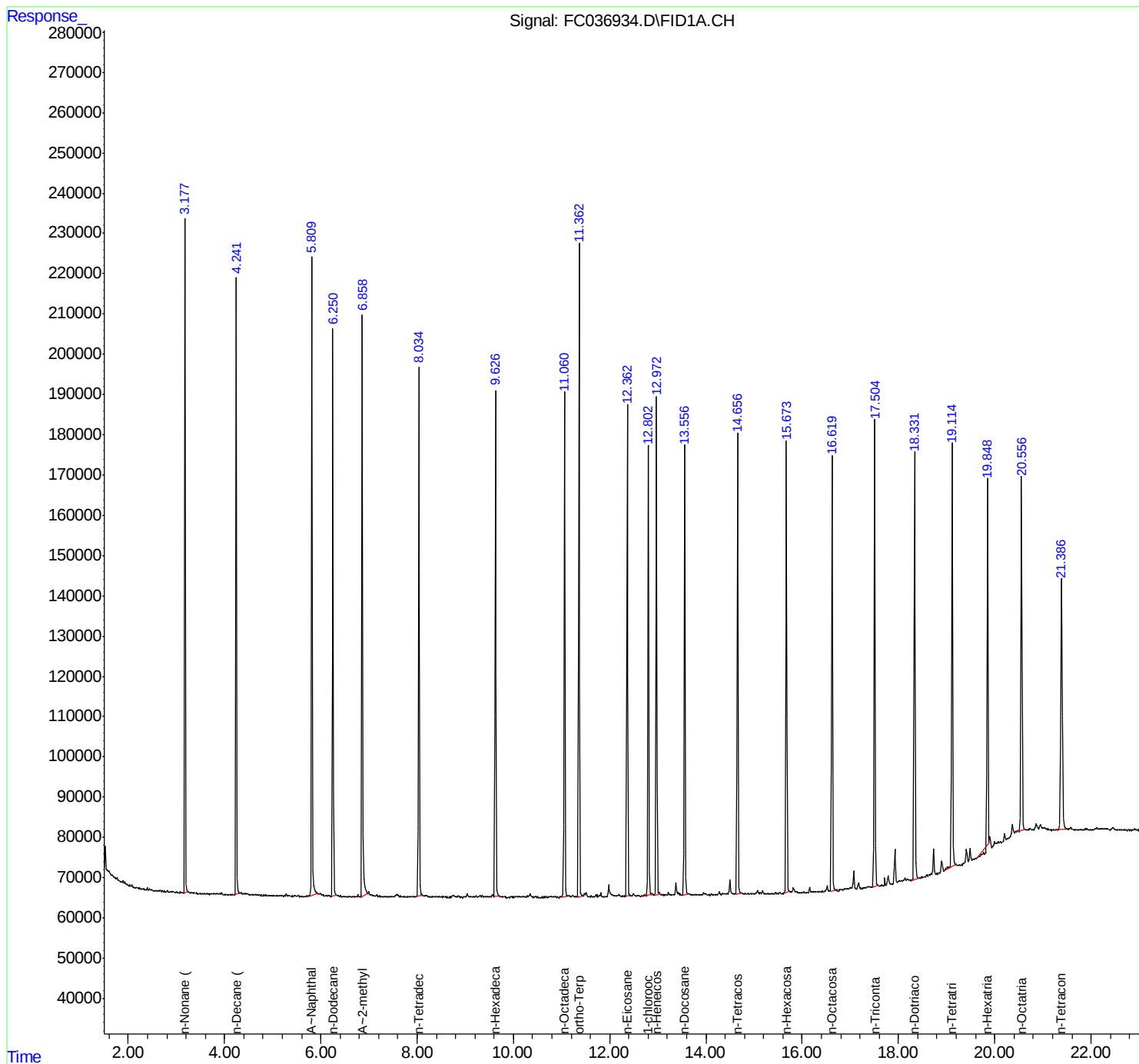
(f)=RT Delta > 1/2 Window

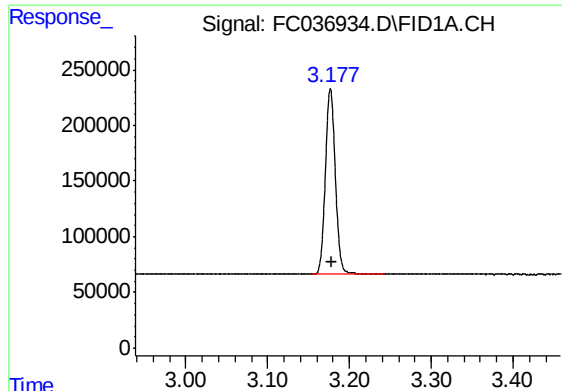
(m)=manual int.

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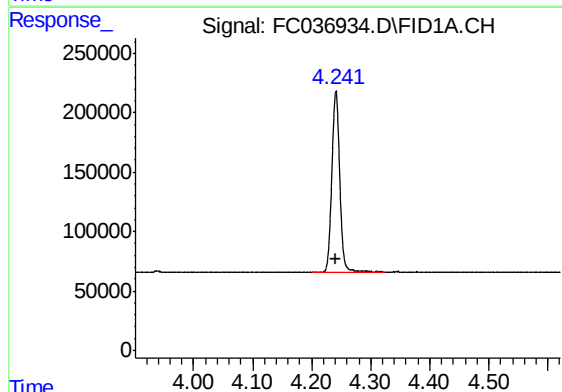
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Signal Info : 20M x 0.18mm x 0.18um





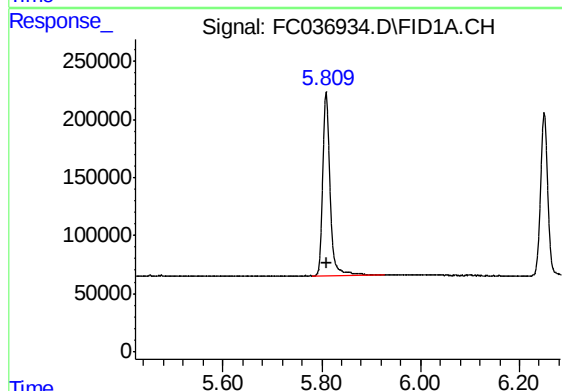
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: -0.001 min
Response: 1415025
Conc: 19.25 ug/ml



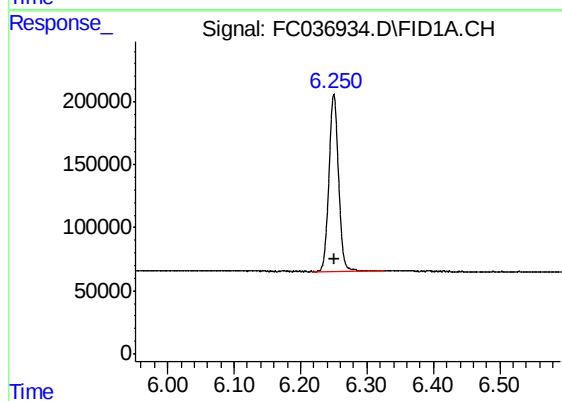
#2 n-Decane (C10)

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 1410926
Conc: 19.38 ug/ml



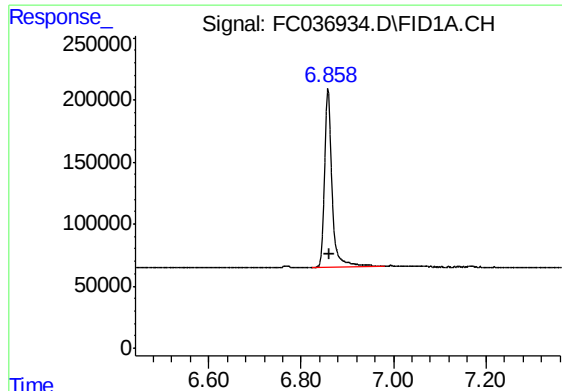
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 1621458
Conc: 19.44 ug/ml



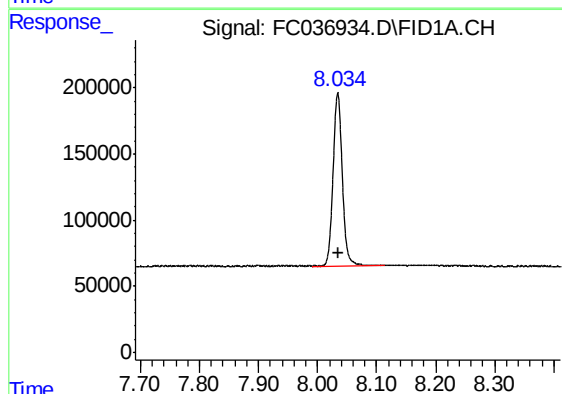
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1408363
Conc: 19.49 ug/ml



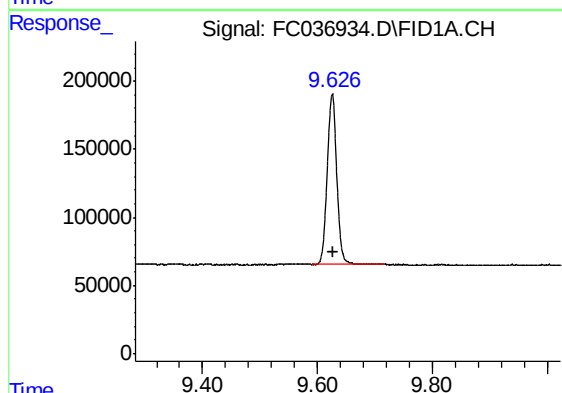
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 1603639
Conc: 19.37 ug/ml



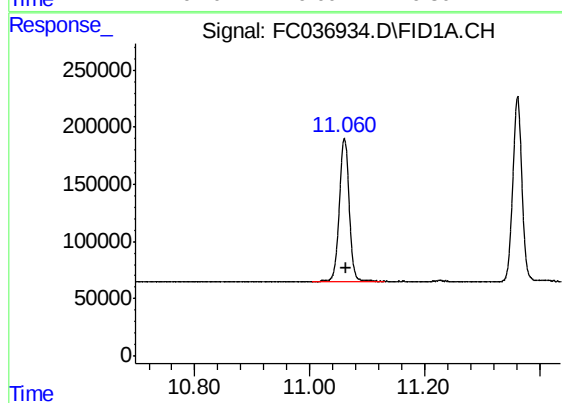
#6 n-Tetradecane (C14)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 1423235
Conc: 19.69 ug/ml



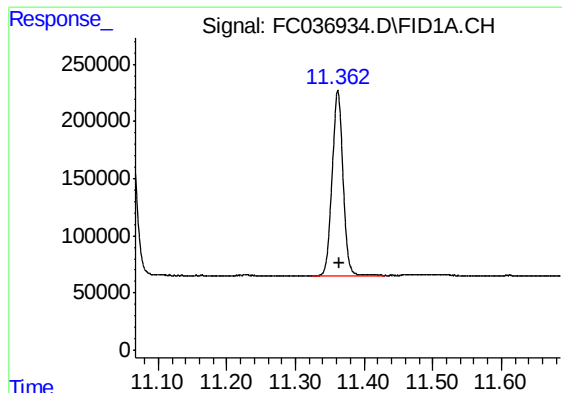
#7 n-Hexadecane (C16)

R.T.: 9.626 min
Delta R.T.: -0.002 min
Response: 1448998
Conc: 19.86 ug/ml



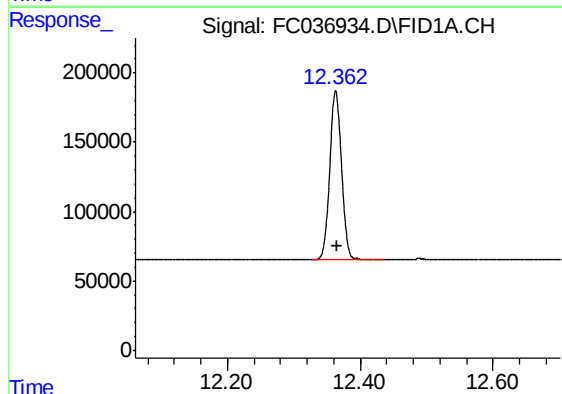
#8 n-Octadecane (C18)

R.T.: 11.061 min
Delta R.T.: -0.002 min
Response: 1480280
Conc: 20.10 ug/ml



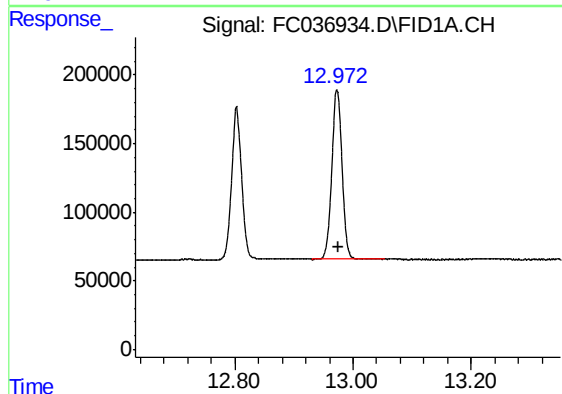
#9 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: -0.002 min
Response: 1776077
Conc: 20.02 ug/ml



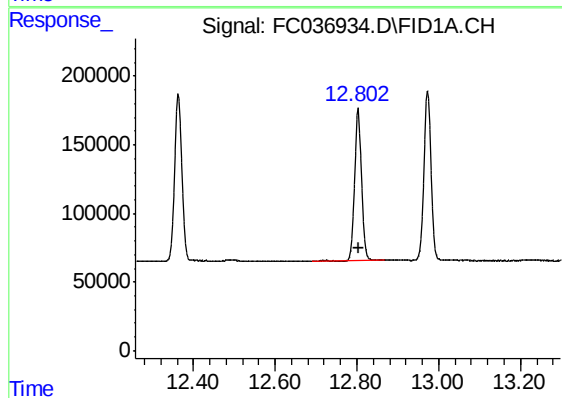
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: -0.002 min
Response: 1494796
Conc: 20.45 ug/ml



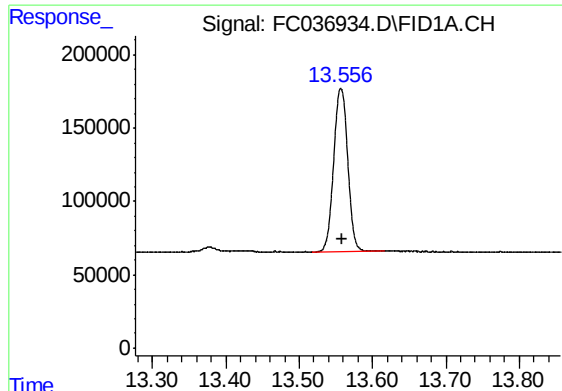
#11 n-Heneicosane (C21)

R.T.: 12.973 min
Delta R.T.: -0.002 min
Response: 1496080
Conc: 20.89 ug/ml



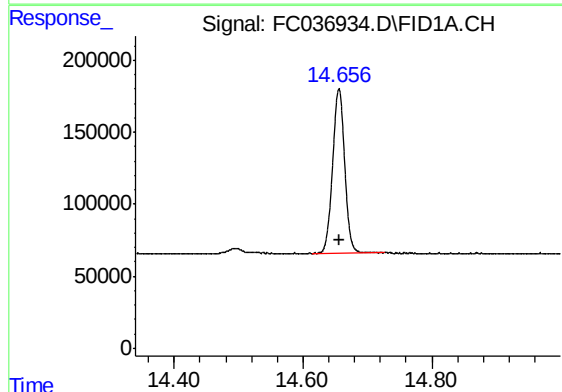
#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.003 min
Response: 1298303
Conc: 20.44 ug/ml



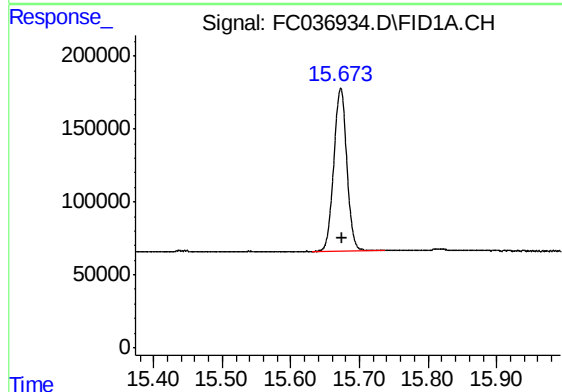
#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: -0.001 min
Response: 1484629
Conc: 20.83 ug/ml



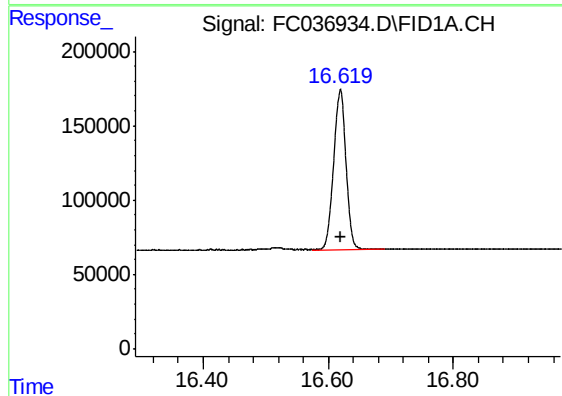
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.000 min
Response: 1490358
Conc: 21.02 ug/ml



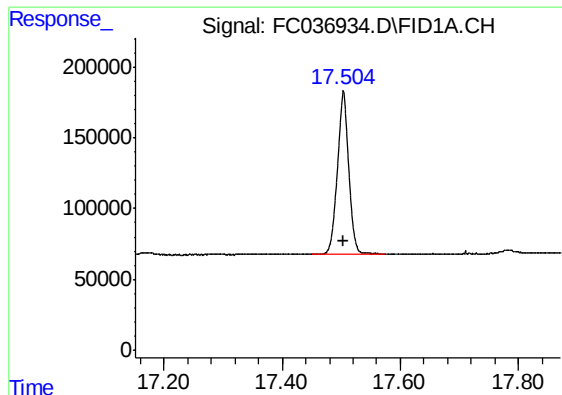
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: -0.001 min
Response: 1472367
Conc: 20.86 ug/ml



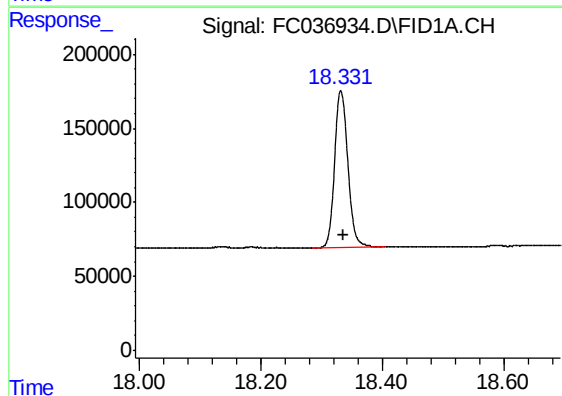
#16 n-Octacosane (C28)

R.T.: 16.619 min
Delta R.T.: 0.000 min
Response: 1476952
Conc: 20.69 ug/ml



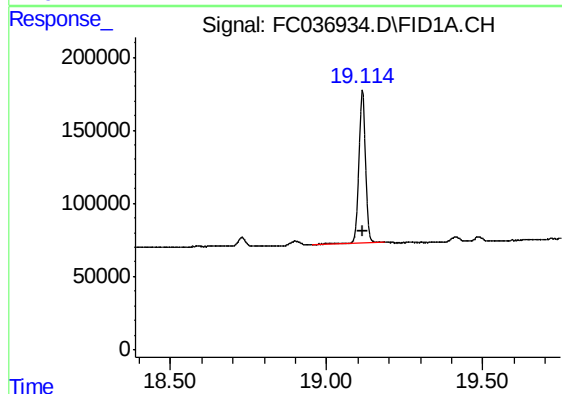
#17 n-Tricontane (C30)

R.T.: 17.504 min
Delta R.T.: 0.000 min
Response: 1518617
Conc: 20.00 ug/ml



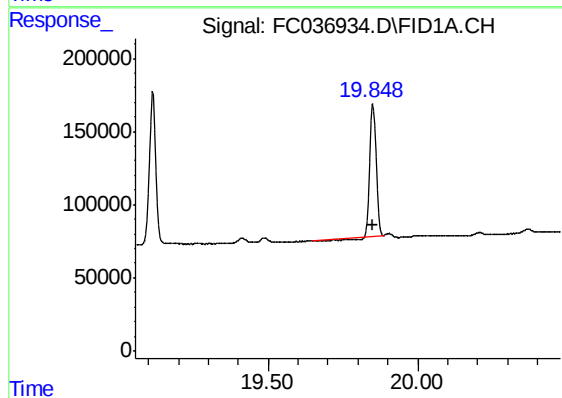
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: -0.004 min
Response: 1606190
Conc: 20.03 ug/ml



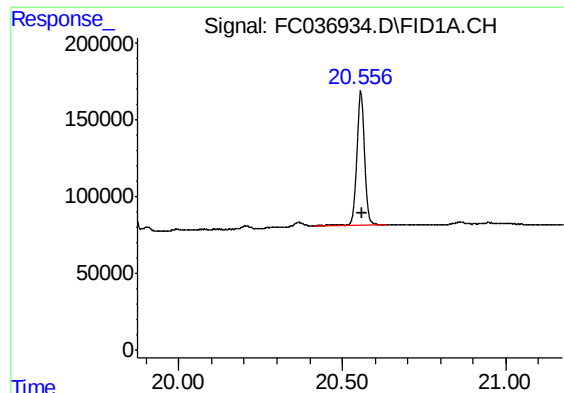
#19 n-Tetratriacontane (C34)

R.T.: 19.115 min
Delta R.T.: 0.000 min
Response: 1538091
Conc: 21.47 ug/ml



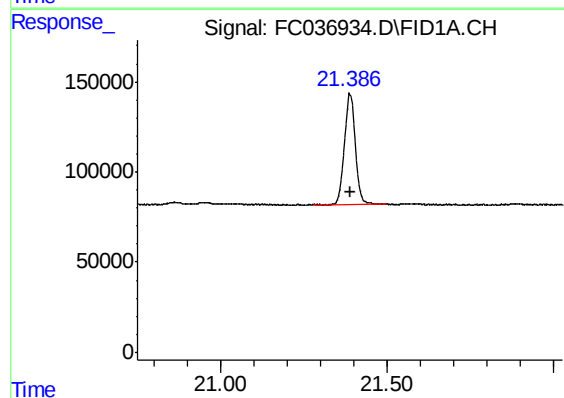
#20 n-Hexatriacontane (C36)

R.T.: 19.849 min
Delta R.T.: -0.002 min
Response: 1283679
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.556 min
Delta R.T.: -0.002 min
Response: 1401686
Conc: 21.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 1403119
Conc: 21.10 ug/ml