

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041819AL\
 Data File : FC040746.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2019 10:34
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 11:17:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.027	2713283	21.070 ug/ml
Spiked Amount 50.000		Recovery =	42.14%
12) S 1-chlorooctadecane (S...	12.455	2054970	20.804 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	2.864	1630113	19.751 ug/ml
2) T n-Decane (C10)	3.886	1733152	20.478 ug/ml
3) T A~Naphthalene (C11.7)	5.460	2272936	23.296 ug/ml
4) T n-Dodecane (C12)	5.879	1900247	22.000 ug/ml
5) T A~2-methylnaphthalene...	6.509	2335405	23.504 ug/ml
6) T n-Tetradecane (C14)	7.668	2041822	22.403 ug/ml
7) T n-Hexadecane (C16)	9.265	2089684	21.741 ug/ml
8) T n-Octadecane (C18)	10.703	2085952	20.795 ug/ml
10) T n-Eicosane (C20)	12.010	2080571	20.444 ug/ml
11) T n-Heneicosane (C21)	12.620	2066086	20.488 ug/ml
13) T n-Docosane (C22)	13.206	2062772	20.521 ug/ml
14) T n-Tetracosane (C24)	14.307	2072181	20.813 ug/ml
15) T n-Hexacosane (C26)	15.327	2077383	21.219 ug/ml
16) T n-Octacosane (C28)	16.275	2102313	21.431 ug/ml
17) T n-Tricontane (C30)	17.161	2089748	21.357 ug/ml
18) T n-Dotriacontane (C32)	17.993	2015208	20.823 ug/ml
19) T n-Tetratriacontane (C34)	18.810	1776840	21.196 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1567374	21.288 ug/ml
21) T n-Octatriacontane (C38)	21.220	1455872	21.069 ug/ml
22) T n-Tetracontane (C40)	23.140	1435734	21.180 ug/ml

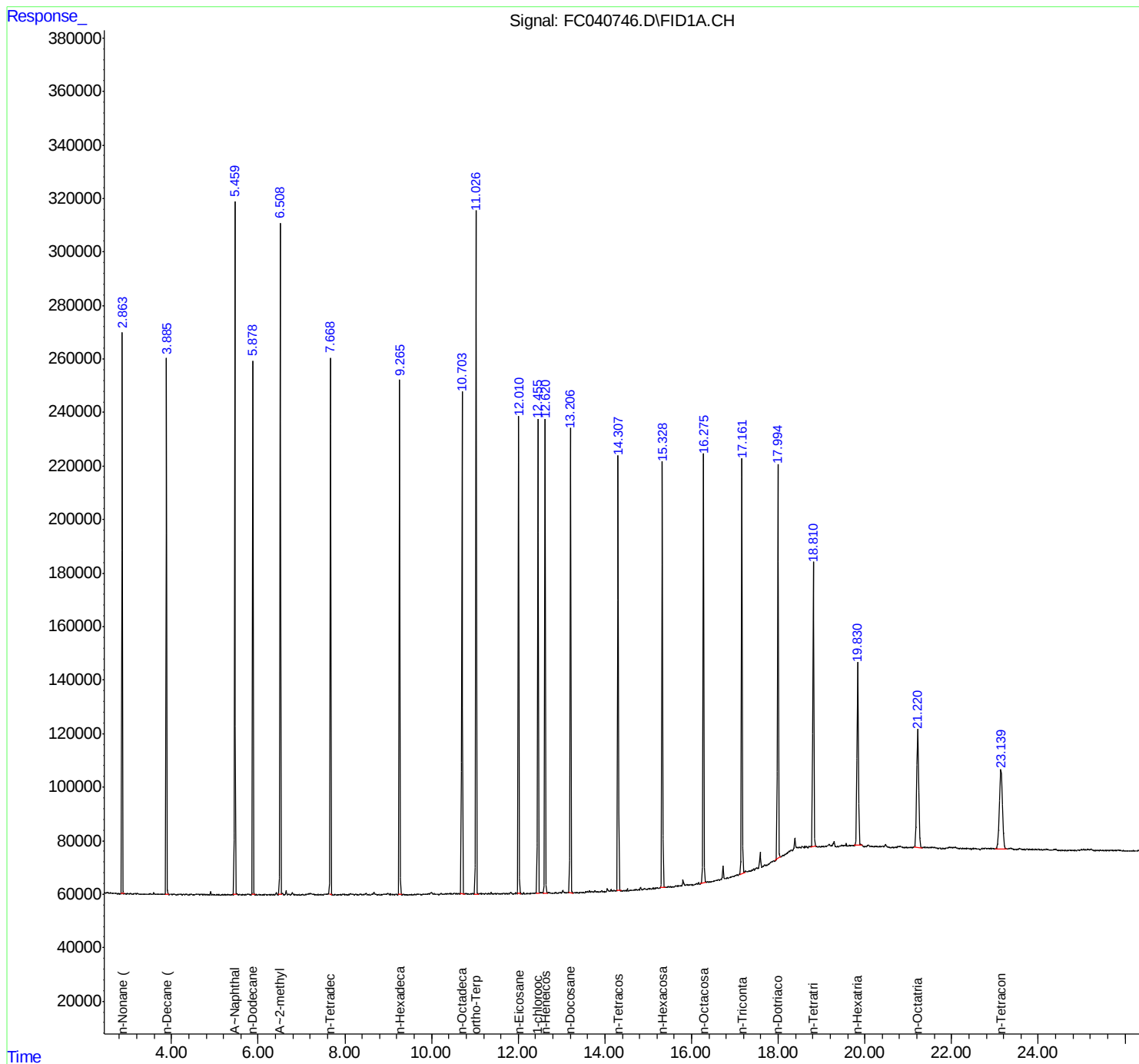
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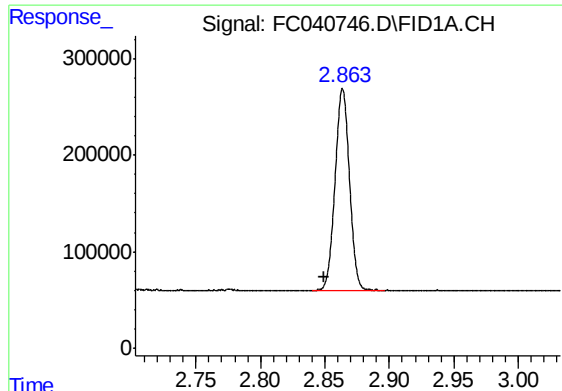
(m)=manual int.

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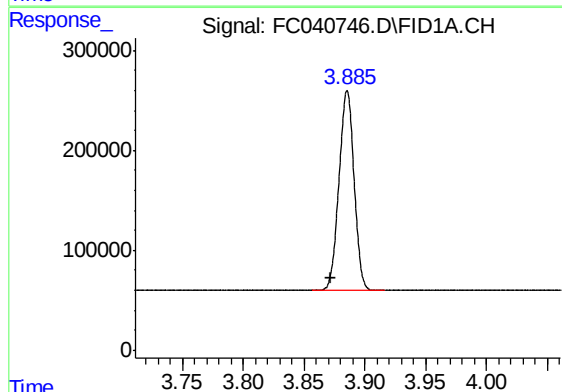
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Signal Info : 20M x 0.18mm x 0.18um





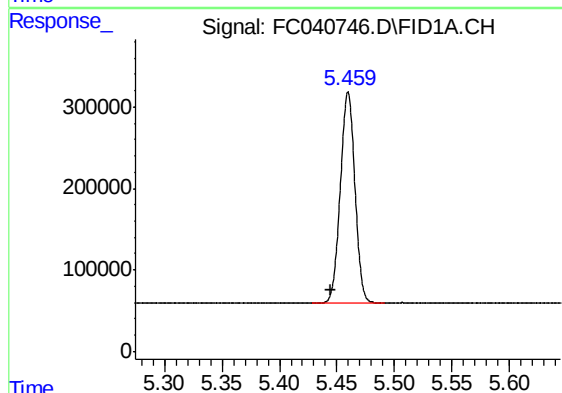
#1 n-Nonane (C9)

R.T.: 2.864 min
Delta R.T.: 0.014 min
Response: 1630113
Conc: 19.75 ug/ml



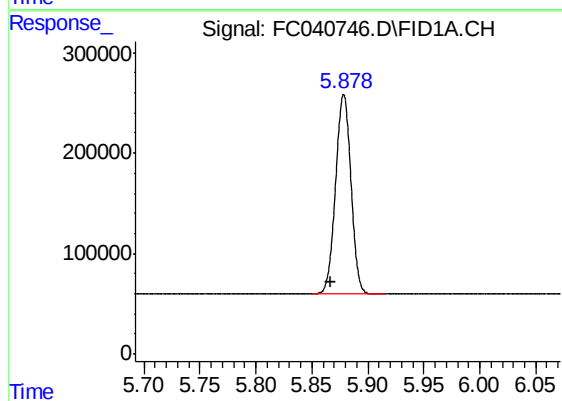
#2 n-Decane (C10)

R.T.: 3.886 min
Delta R.T.: 0.014 min
Response: 1733152
Conc: 20.48 ug/ml



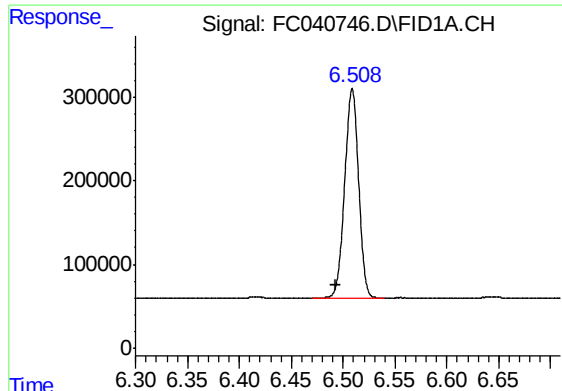
#3 A~Naphthalene (C11.7)

R.T.: 5.460 min
Delta R.T.: 0.015 min
Response: 2272936
Conc: 23.30 ug/ml



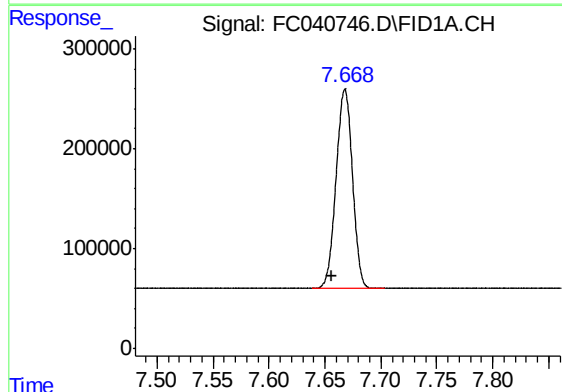
#4 n-Dodecane (C12)

R.T.: 5.879 min
Delta R.T.: 0.012 min
Response: 1900247
Conc: 22.00 ug/ml



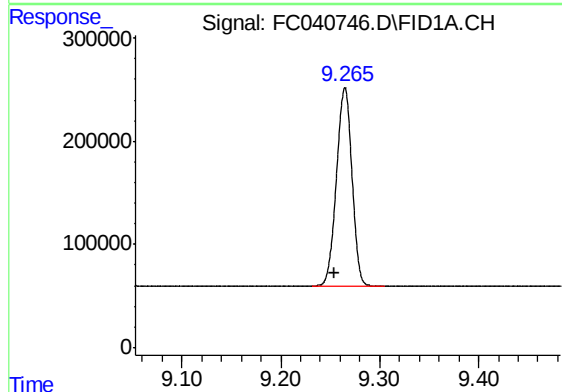
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.509 min
Delta R.T.: 0.015 min
Response: 2335405
Conc: 23.50 ug/ml



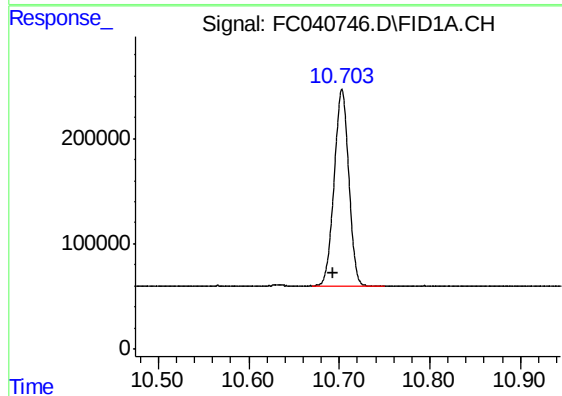
#6 n-Tetradecane (C14)

R.T.: 7.668 min
Delta R.T.: 0.012 min
Response: 2041822
Conc: 22.40 ug/ml



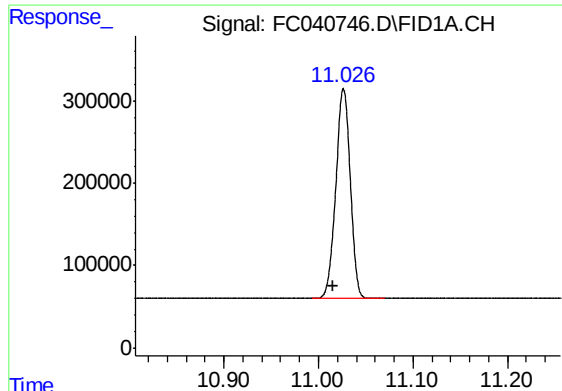
#7 n-Hexadecane (C16)

R.T.: 9.265 min
Delta R.T.: 0.011 min
Response: 2089684
Conc: 21.74 ug/ml



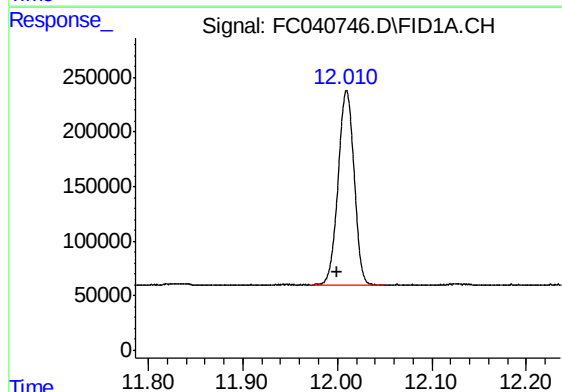
#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.010 min
Response: 2085952
Conc: 20.79 ug/ml



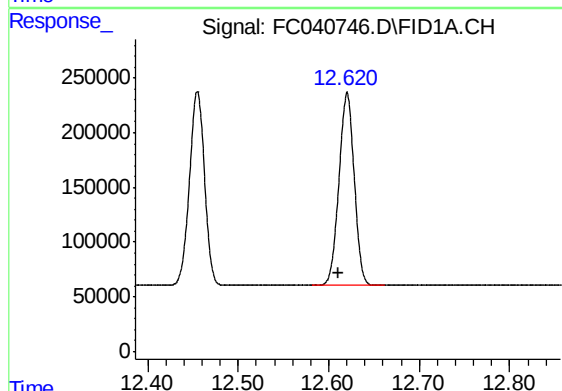
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: 0.011 min
Response: 2713283
Conc: 21.07 ug/ml



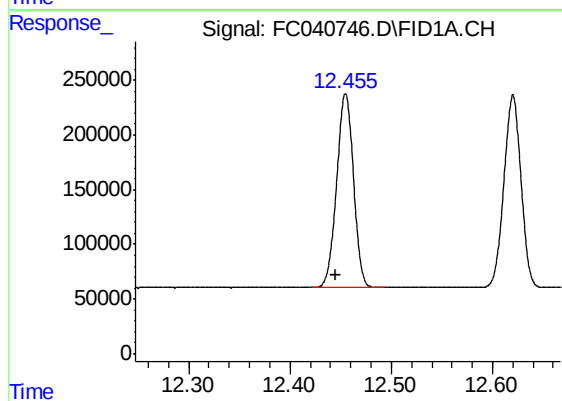
#10 n-Eicosane (C20)

R.T.: 12.010 min
Delta R.T.: 0.010 min
Response: 2080571
Conc: 20.44 ug/ml



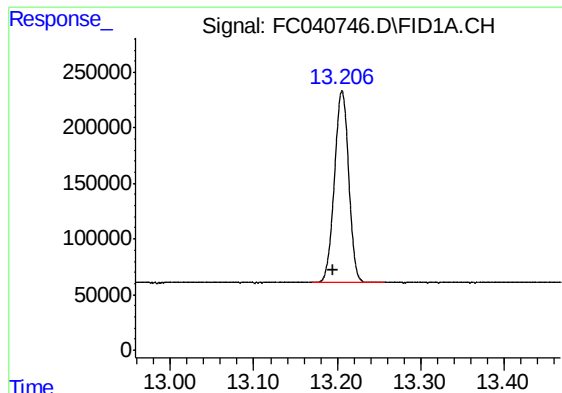
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: 0.010 min
Response: 2066086
Conc: 20.49 ug/ml



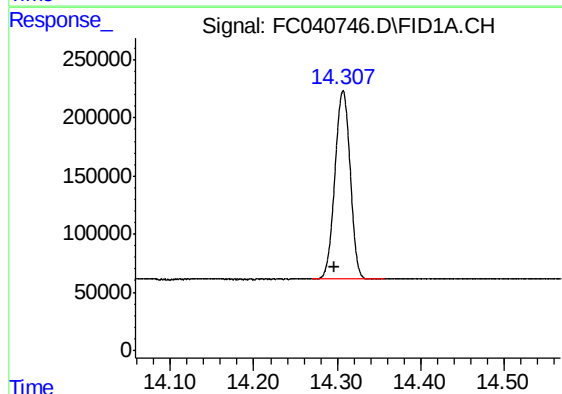
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min
Delta R.T.: 0.010 min
Response: 2054970
Conc: 20.80 ug/ml



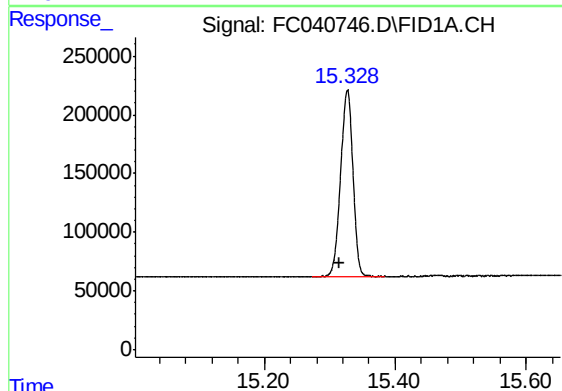
#13 n-Docosane (C22)

R.T.: 13.206 min
Delta R.T.: 0.010 min
Response: 2062772
Conc: 20.52 ug/ml



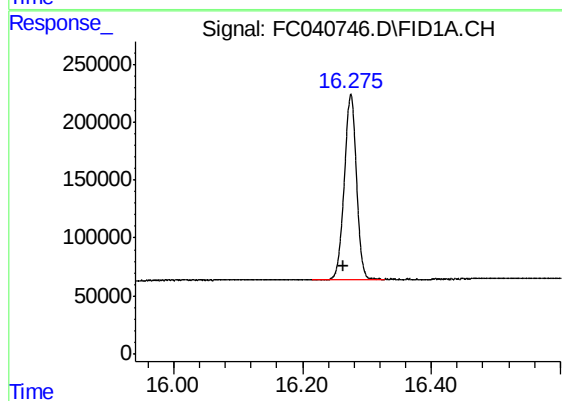
#14 n-Tetracosane (C24)

R.T.: 14.307 min
Delta R.T.: 0.011 min
Response: 2072181
Conc: 20.81 ug/ml



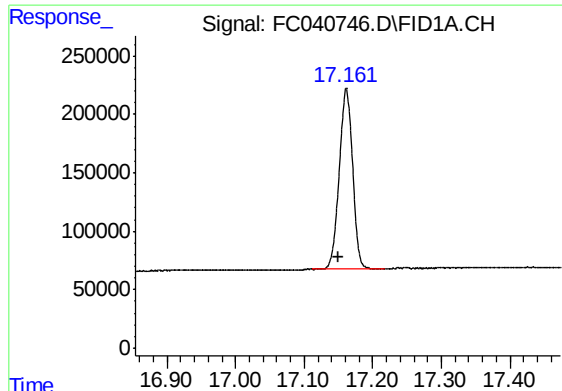
#15 n-Hexacosane (C26)

R.T.: 15.327 min
Delta R.T.: 0.011 min
Response: 2077383
Conc: 21.22 ug/ml



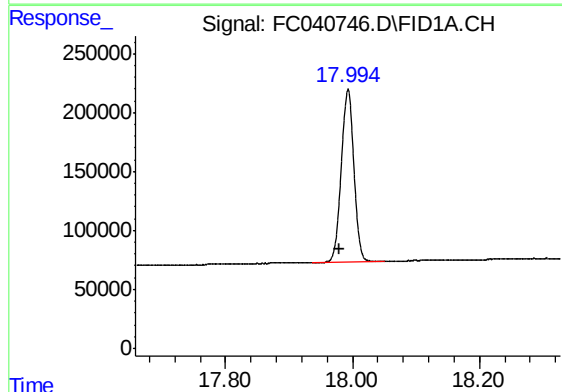
#16 n-Octacosane (C28)

R.T.: 16.275 min
Delta R.T.: 0.011 min
Response: 2102313
Conc: 21.43 ug/ml



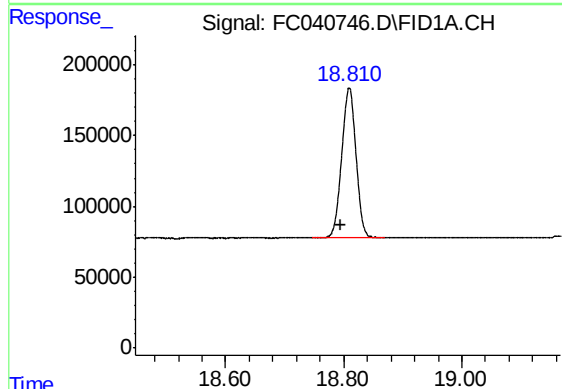
#17 n-Tricontane (C30)

R.T.: 17.161 min
Delta R.T.: 0.011 min
Response: 2089748
Conc: 21.36 ug/ml



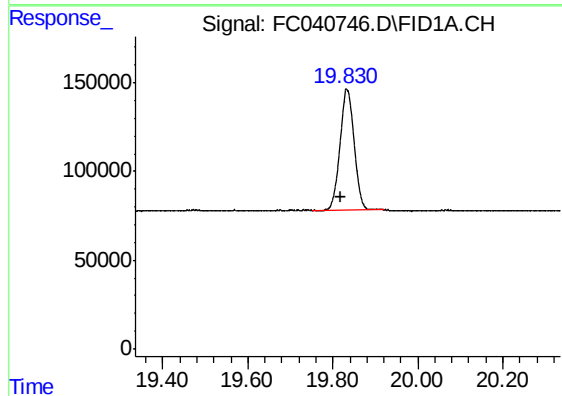
#18 n-Dotriacontane (C32)

R.T.: 17.993 min
Delta R.T.: 0.013 min
Response: 2015208
Conc: 20.82 ug/ml



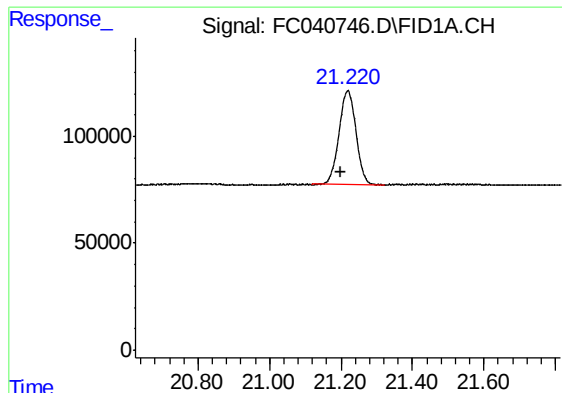
#19 n-Tetratriacontane (C34)

R.T.: 18.810 min
Delta R.T.: 0.014 min
Response: 1776840
Conc: 21.20 ug/ml



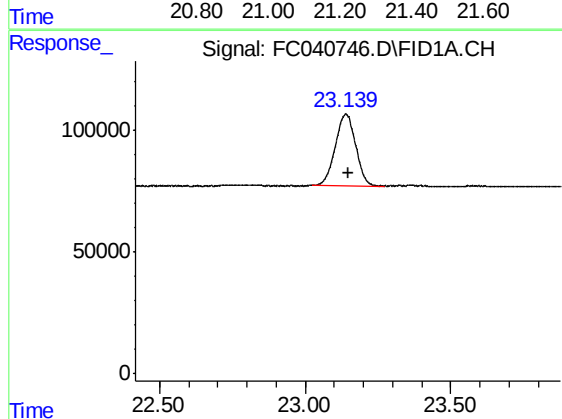
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: 0.015 min
Response: 1567374
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.020 min
Response: 1455872
Conc: 21.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.140 min
Delta R.T.: -0.010 min
Response: 1435734
Conc: 21.18 ug/ml