

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041619AL\
 Data File : FC040664.D
 Signal(s) : FID1A.CH
 Acq On : 17 Apr 2019 6:21
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 17 08:25:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.026	2567747	19.939 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	12.454	1952498	19.766 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	2.862	1648532	19.974 ug/ml
2) T n-Decane (C10)	3.884	1738549	20.542 ug/ml
3) T A~Naphthalene (C11.7)	5.458	2127625	21.806 ug/ml
4) T n-Dodecane (C12)	5.877	1845837	21.370 ug/ml
5) T A~2-methylnaphthalene...	6.507	2177806	21.918 ug/ml
6) T n-Tetradecane (C14)	7.667	1943970	21.329 ug/ml
7) T n-Hexadecane (C16)	9.263	1971291	20.510 ug/ml
8) T n-Octadecane (C18)	10.702	1963579	19.575 ug/ml
10) T n-Eicosane (C20)	12.009	1972170	19.379 ug/ml
11) T n-Heneicosane (C21)	12.620	1957252	19.409 ug/ml
13) T n-Docosane (C22)	13.205	1971772	19.616 ug/ml
14) T n-Tetracosane (C24)	14.306	2012840	20.217 ug/ml
15) T n-Hexacosane (C26)	15.325	2036508	20.801 ug/ml
16) T n-Octacosane (C28)	16.273	2081158	21.215 ug/ml
17) T n-Tricontane (C30)	17.160	2058869	21.041 ug/ml
18) T n-Dotriacontane (C32)	17.991	2007652	20.745 ug/ml
19) T n-Tetratriacontane (C34)	18.809	1750863	20.886 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1542727	20.953 ug/ml
21) T n-Octatriacontane (C38)	21.218	1427625	20.660 ug/ml
22) T n-Tetracontane (C40)	23.137	1376868	20.312 ug/ml

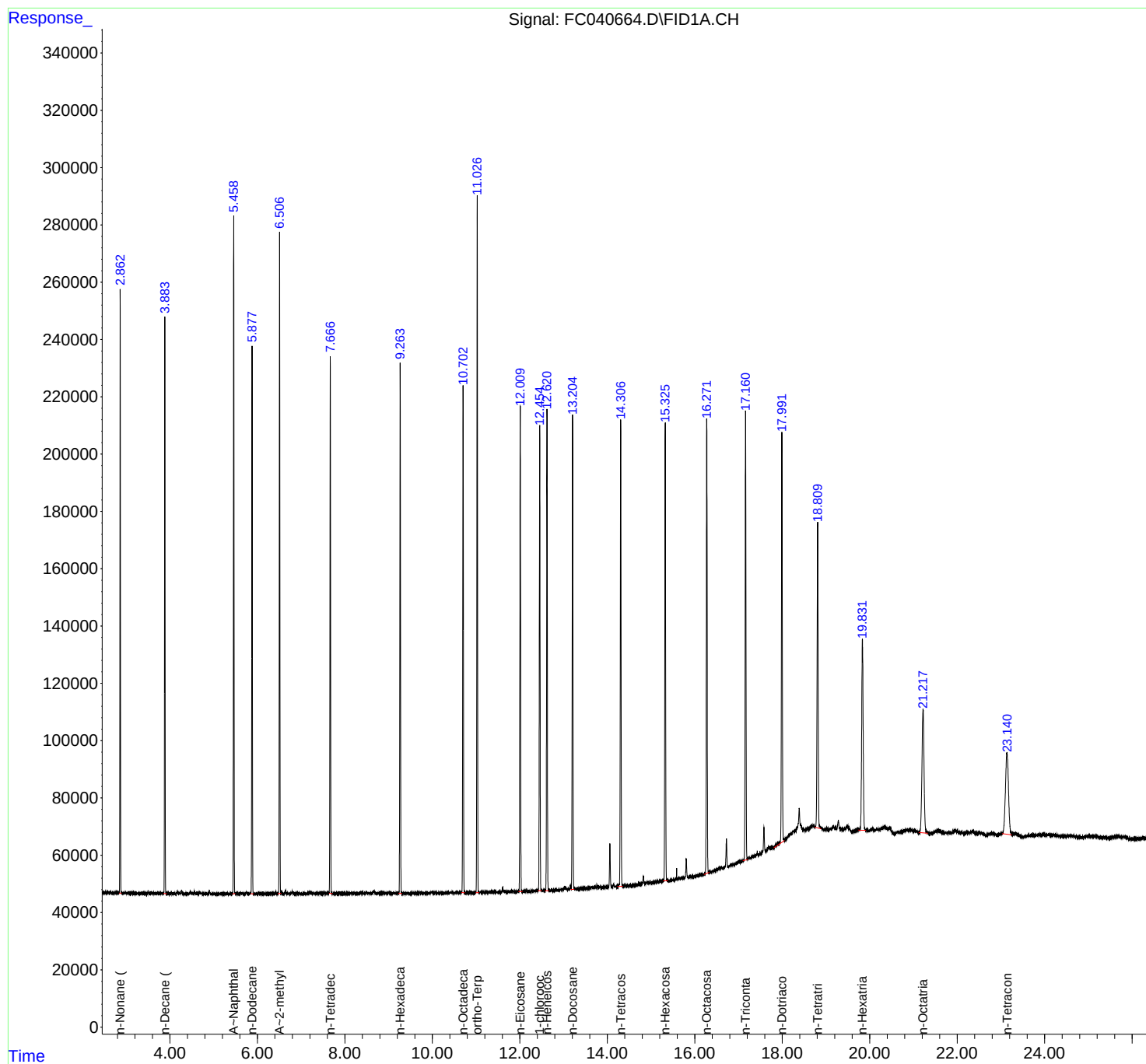
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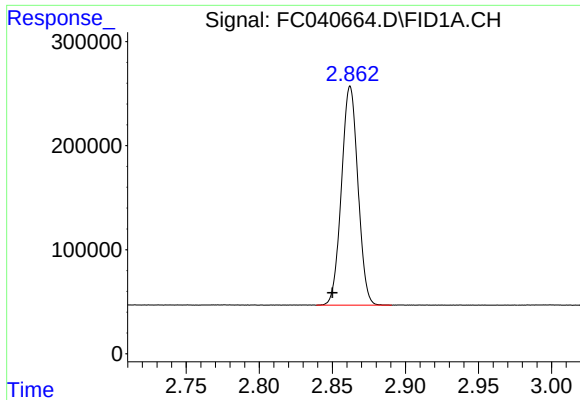
(m)=manual int.

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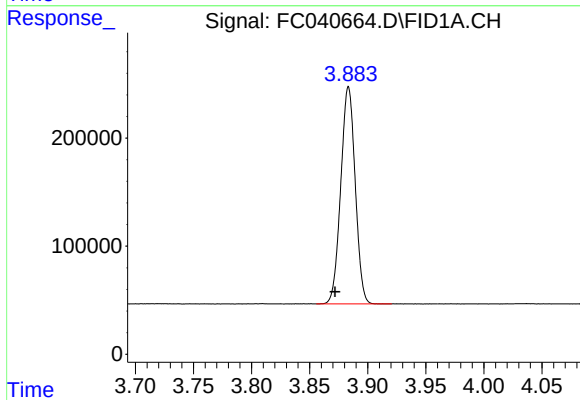
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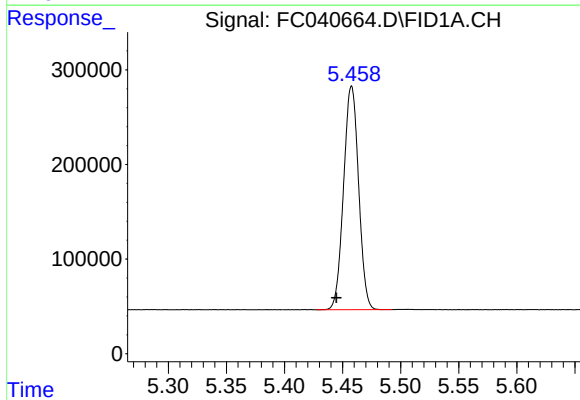
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: 0.012 min
Response: 1648532
Conc: 19.97 ug/ml



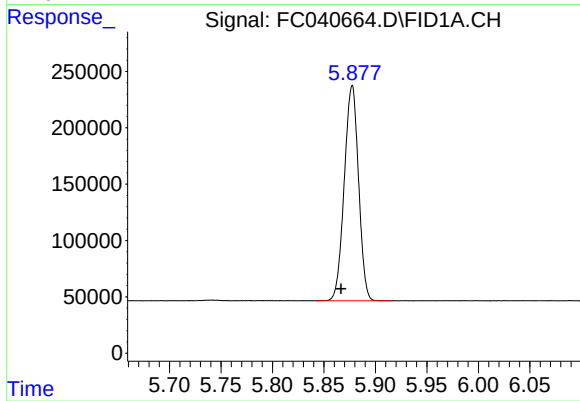
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.012 min
Response: 1738549
Conc: 20.54 ug/ml



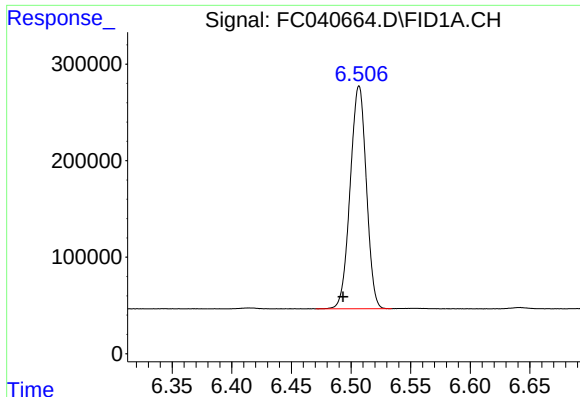
#3 A~Naphthalene (C11.7)

R.T.: 5.458 min
Delta R.T.: 0.013 min
Response: 2127625
Conc: 21.81 ug/ml



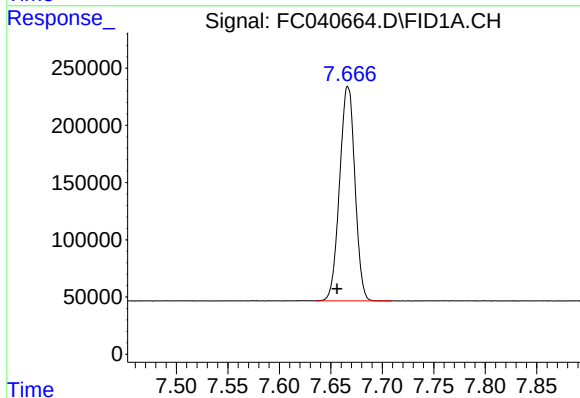
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.011 min
Response: 1845837
Conc: 21.37 ug/ml



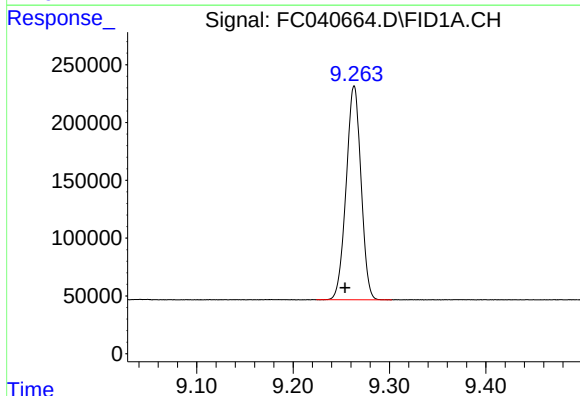
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.507 min
Delta R.T.: 0.013 min
Response: 2177806
Conc: 21.92 ug/ml



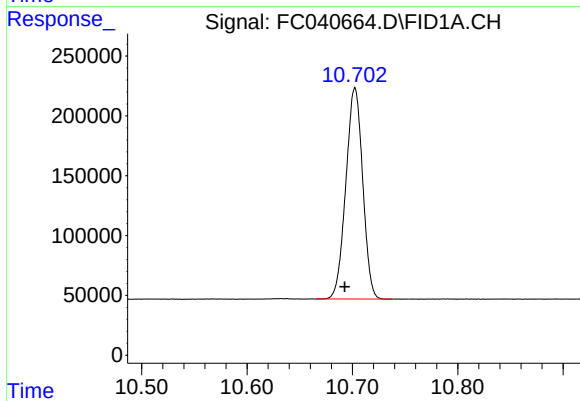
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 1943970
Conc: 21.33 ug/ml



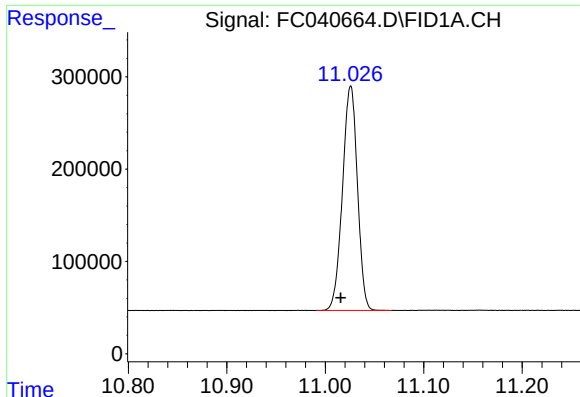
#7 n-Hexadecane (C16)

R.T.: 9.263 min
Delta R.T.: 0.010 min
Response: 1971291
Conc: 20.51 ug/ml



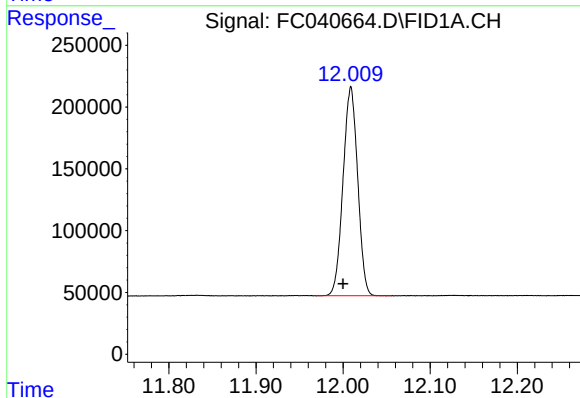
#8 n-Octadecane (C18)

R.T.: 10.702 min
Delta R.T.: 0.010 min
Response: 1963579
Conc: 19.57 ug/ml



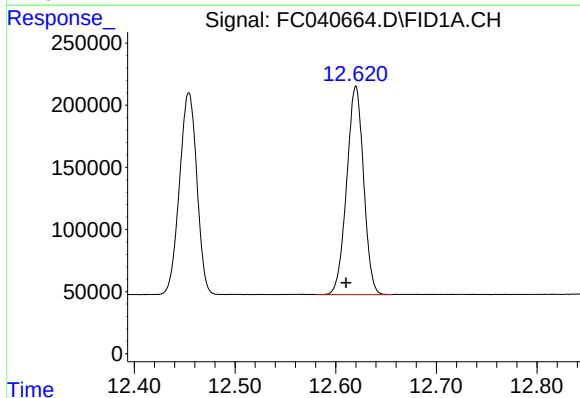
#9 ortho-Terphenyl (SURR)

R.T.: 11.026 min
Delta R.T.: 0.010 min
Response: 2567747
Conc: 19.94 ug/ml



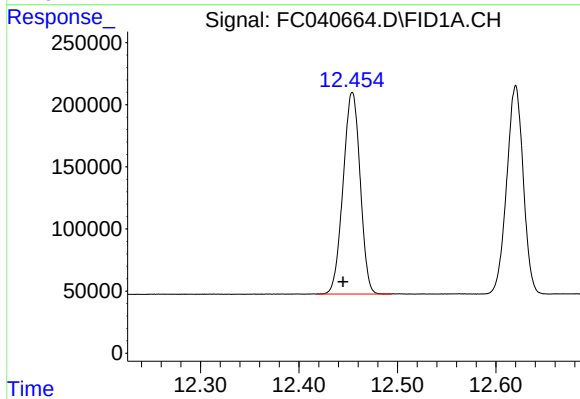
#10 n-Eicosane (C20)

R.T.: 12.009 min
Delta R.T.: 0.009 min
Response: 1972170
Conc: 19.38 ug/ml



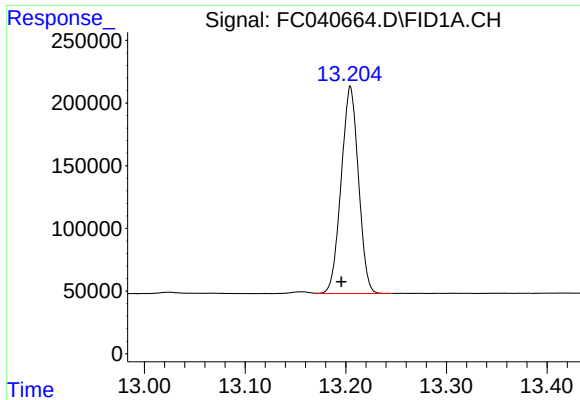
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: 0.010 min
Response: 1957252
Conc: 19.41 ug/ml



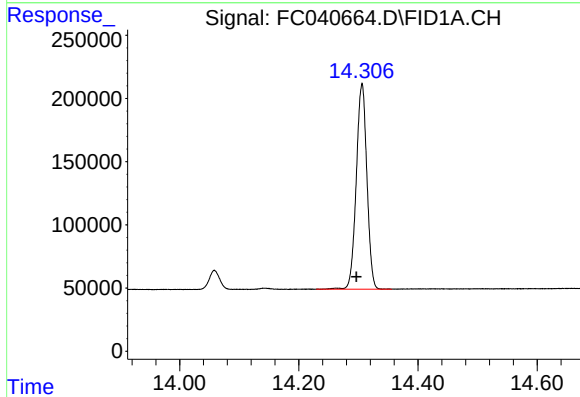
#12 1-chlorooctadecane (SURR)

R.T.: 12.454 min
Delta R.T.: 0.010 min
Response: 1952498
Conc: 19.77 ug/ml



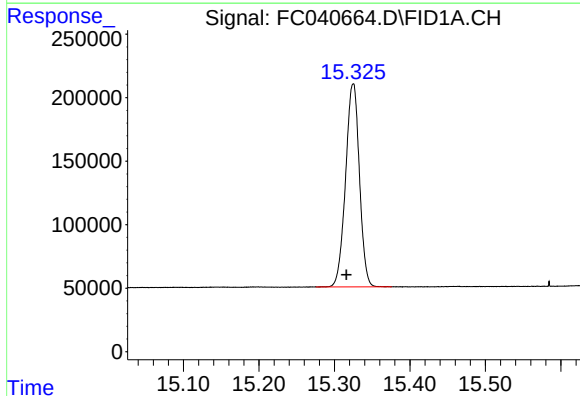
#13 n-Docosane (C22)

R.T.: 13.205 min
Delta R.T.: 0.009 min
Response: 1971772
Conc: 19.62 ug/ml



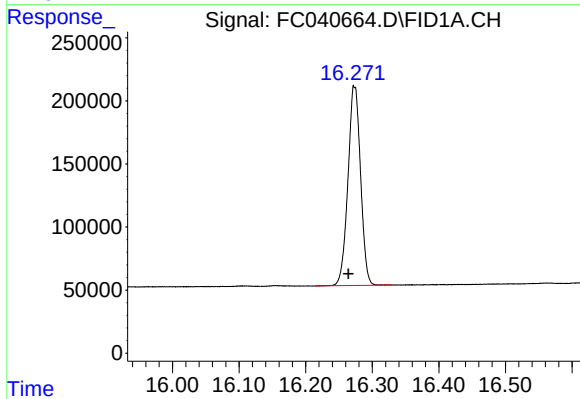
#14 n-Tetracosane (C24)

R.T.: 14.306 min
Delta R.T.: 0.010 min
Response: 2012840
Conc: 20.22 ug/ml



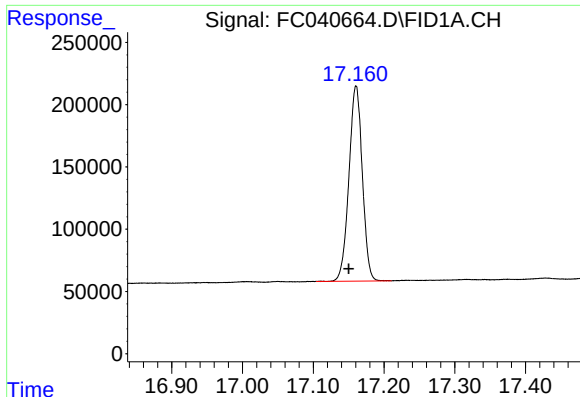
#15 n-Hexacosane (C26)

R.T.: 15.325 min
Delta R.T.: 0.009 min
Response: 2036508
Conc: 20.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.273 min
Delta R.T.: 0.009 min
Response: 2081158
Conc: 21.22 ug/ml



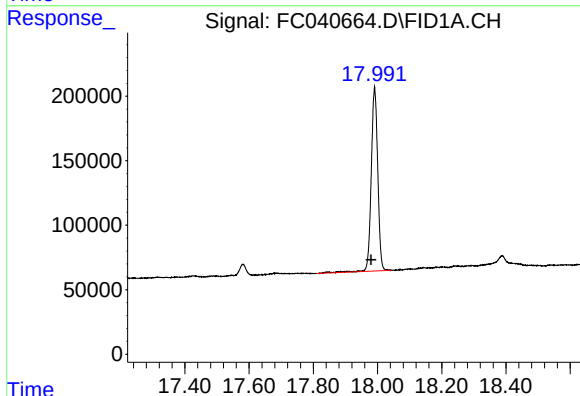
#17 n-Tricontane (C30)

R.T.: 17.160 min

Delta R.T.: 0.011 min

Response: 2058869

Conc: 21.04 ug/ml



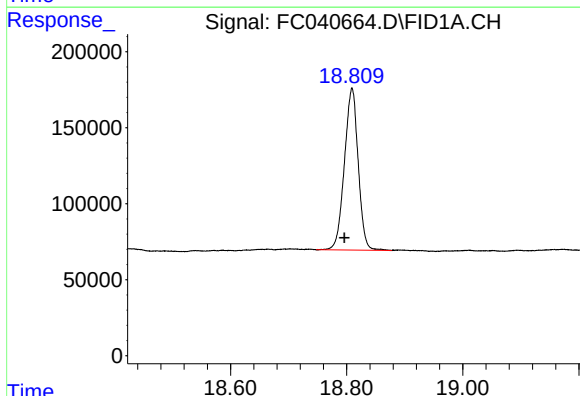
#18 n-Dotriacontane (C32)

R.T.: 17.991 min

Delta R.T.: 0.011 min

Response: 2007652

Conc: 20.74 ug/ml



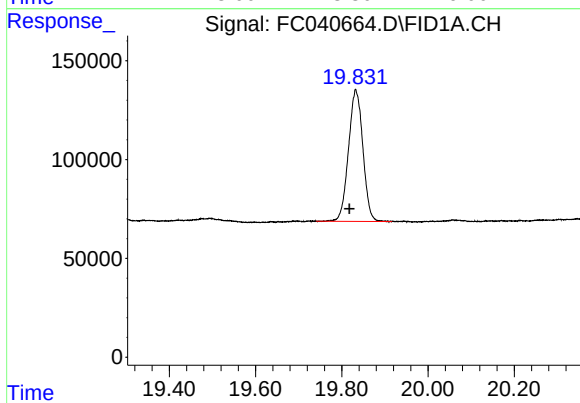
#19 n-Tetratriacontane (C34)

R.T.: 18.809 min

Delta R.T.: 0.014 min

Response: 1750863

Conc: 20.89 ug/ml



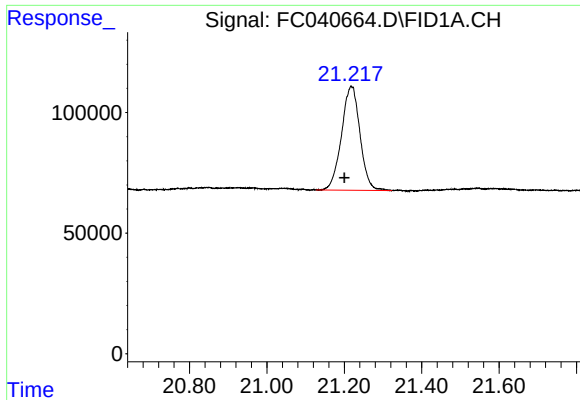
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min

Delta R.T.: 0.015 min

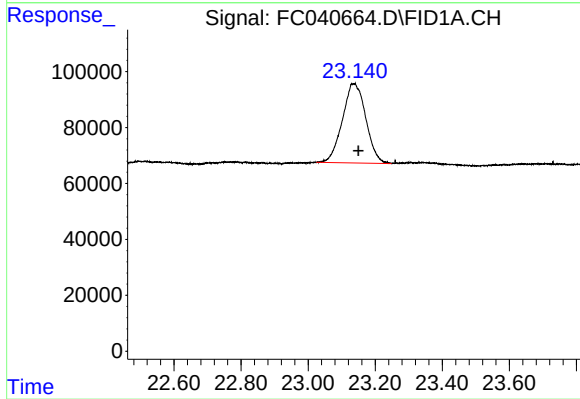
Response: 1542727

Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.018 min
Response: 1427625
Conc: 20.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.137 min
Delta R.T.: -0.013 min
Response: 1376868
Conc: 20.31 ug/ml