

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041819AL\
 Data File : FC040713.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2019 14:36
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 23:19:11 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	2671367	20.744 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	12.454	2032750	20.579 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T n-Nonane (C9)	2.864	1648810	19.978 ug/ml
2) T n-Decane (C10)	3.885	1738487	20.541 ug/ml
3) T A~Naphthalene (C11.7)	5.459	2203215	22.581 ug/ml
4) T n-Dodecane (C12)	5.878	1873176	21.686 ug/ml
5) T A~2-methylnaphthalene...	6.508	2263200	22.777 ug/ml
6) T n-Tetradecane (C14)	7.667	1999034	21.933 ug/ml
7) T n-Hexadecane (C16)	9.264	2045449	21.281 ug/ml
8) T n-Octadecane (C18)	10.702	2048179	20.418 ug/ml
10) T n-Eicosane (C20)	12.009	2055328	20.196 ug/ml
11) T n-Heneicosane (C21)	12.620	2041918	20.249 ug/ml
13) T n-Docosane (C22)	13.203	2047873	20.373 ug/ml
14) T n-Tetracosane (C24)	14.304	2054077	20.631 ug/ml
15) T n-Hexacosane (C26)	15.323	2051329	20.952 ug/ml
16) T n-Octacosane (C28)	16.270	2065354	21.054 ug/ml
17) T n-Tricontane (C30)	17.157	2038079	20.829 ug/ml
18) T n-Dotriacontane (C32)	17.989	1958384	20.236 ug/ml
19) T n-Tetratriacontane (C34)	18.806	1730338	20.641 ug/ml
20) T n-Hexatriacontane (C36)	19.829	1530742	20.790 ug/ml
21) T n-Octatriacontane (C38)	21.209	1432341	20.729 ug/ml
22) T n-Tetracontane (C40)	23.130	1419370	20.939 ug/ml

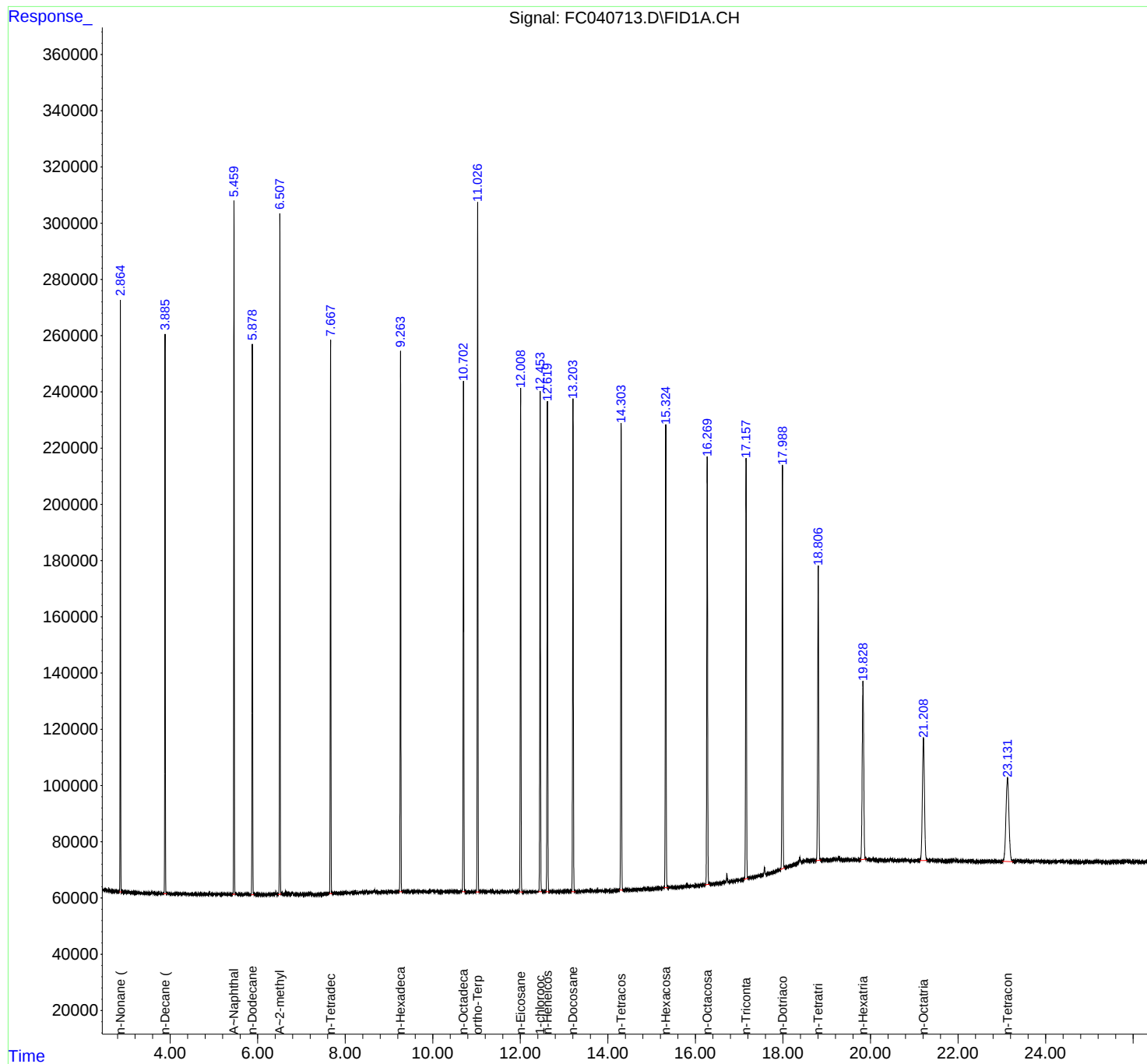
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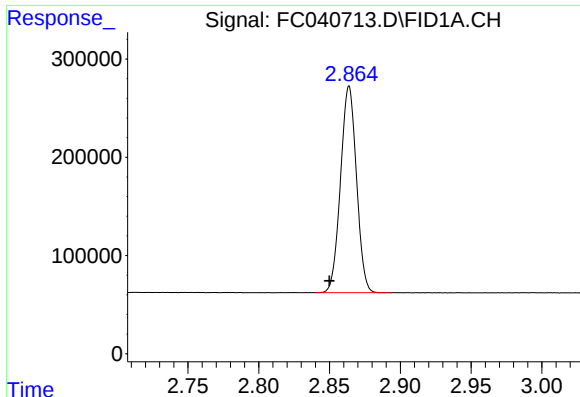
(m)=manual int.

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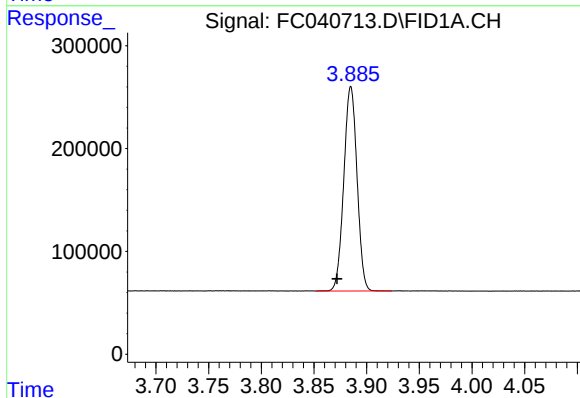
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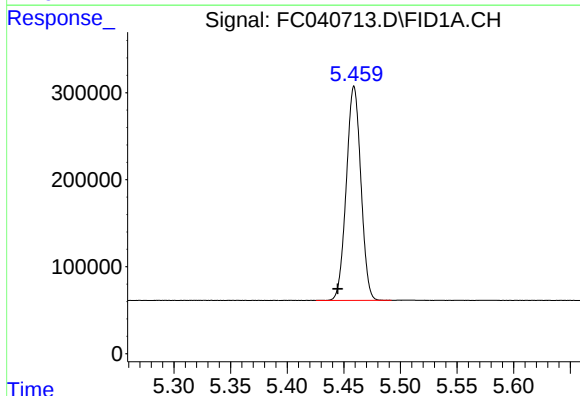
#1 n-Nonane (C9)

R.T.: 2.864 min
Delta R.T.: 0.014 min
Response: 1648810
Conc: 19.98 ug/ml



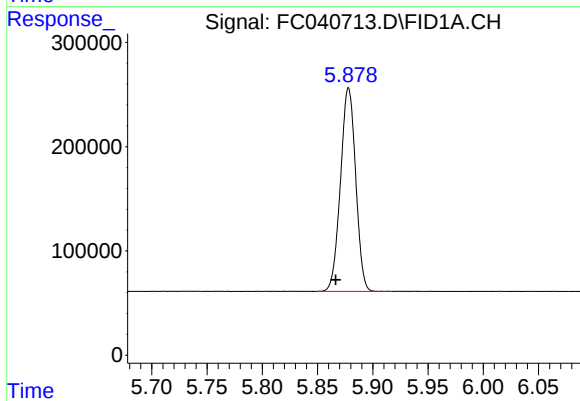
#2 n-Decane (C10)

R.T.: 3.885 min
Delta R.T.: 0.013 min
Response: 1738487
Conc: 20.54 ug/ml



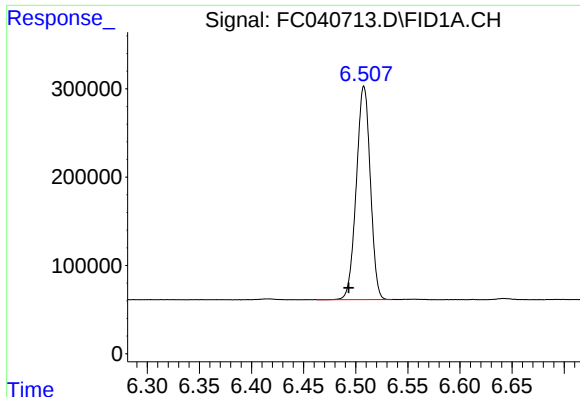
#3 A~Naphthalene (C11.7)

R.T.: 5.459 min
Delta R.T.: 0.014 min
Response: 2203215
Conc: 22.58 ug/ml



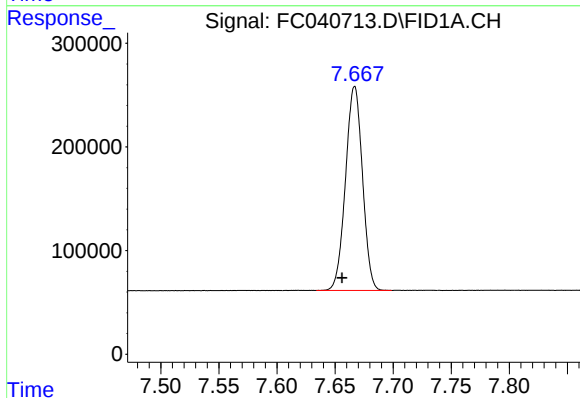
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.012 min
Response: 1873176
Conc: 21.69 ug/ml



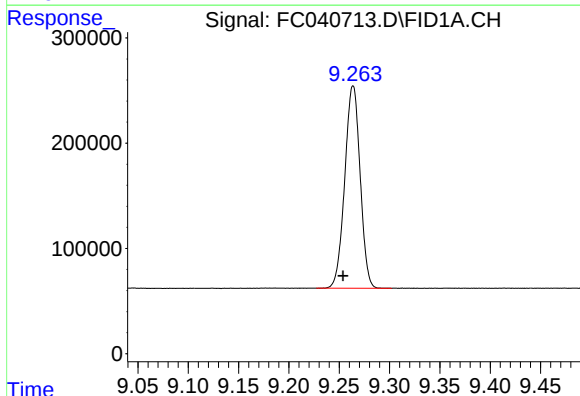
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.508 min
Delta R.T.: 0.015 min
Response: 2263200
Conc: 22.78 ug/ml



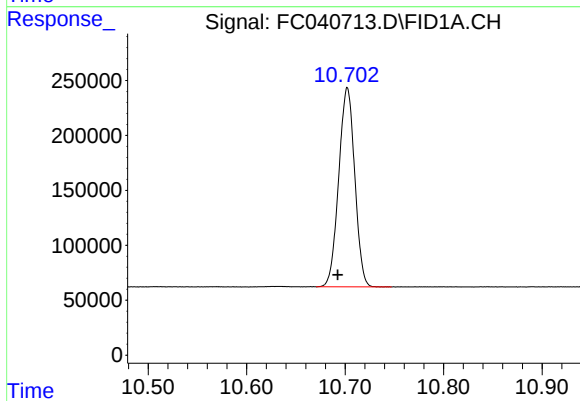
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 1999034
Conc: 21.93 ug/ml



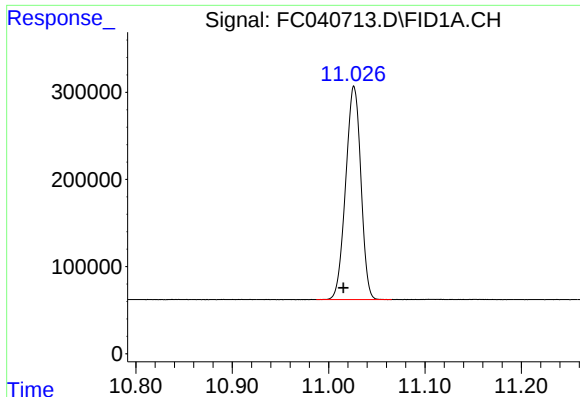
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 2045449
Conc: 21.28 ug/ml



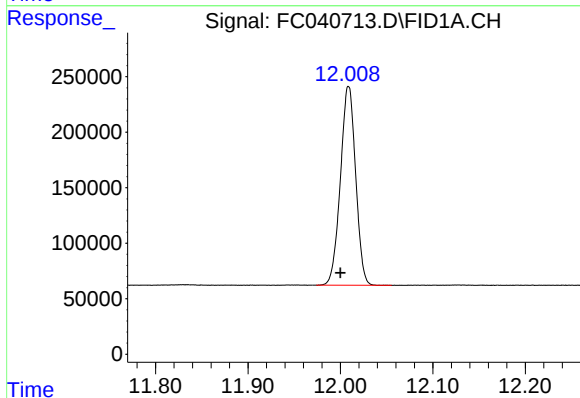
#8 n-Octadecane (C18)

R.T.: 10.702 min
Delta R.T.: 0.010 min
Response: 2048179
Conc: 20.42 ug/ml



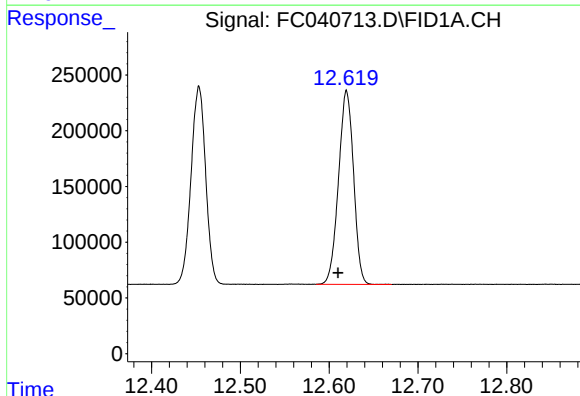
#9 ortho-Terphenyl (SURR)

R.T.: 11.026 min
Delta R.T.: 0.011 min
Response: 2671367
Conc: 20.74 ug/ml



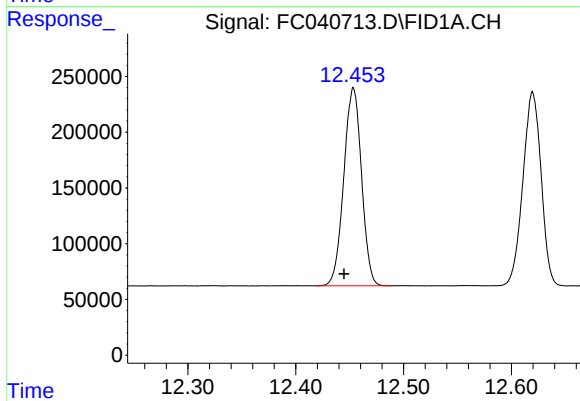
#10 n-Eicosane (C20)

R.T.: 12.009 min
Delta R.T.: 0.009 min
Response: 2055328
Conc: 20.20 ug/ml



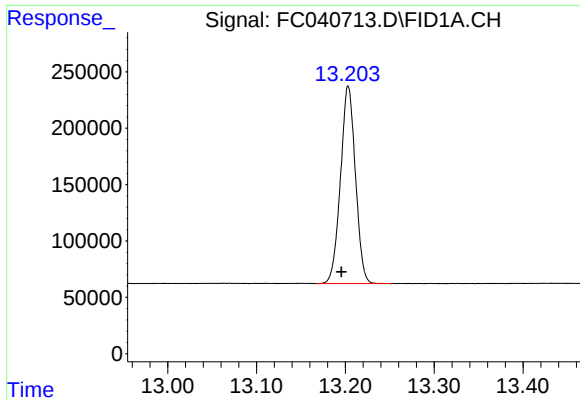
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: 0.009 min
Response: 2041918
Conc: 20.25 ug/ml



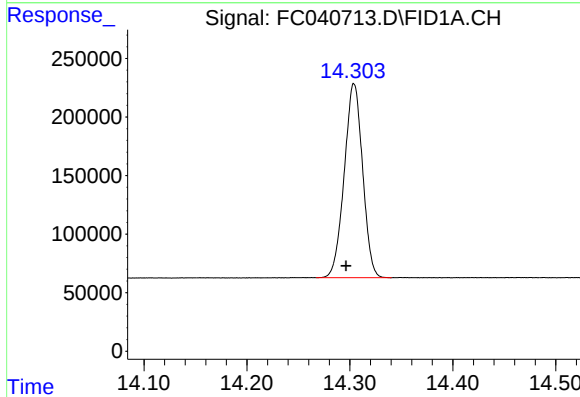
#12 1-chlorooctadecane (SURR)

R.T.: 12.454 min
Delta R.T.: 0.009 min
Response: 2032750
Conc: 20.58 ug/ml



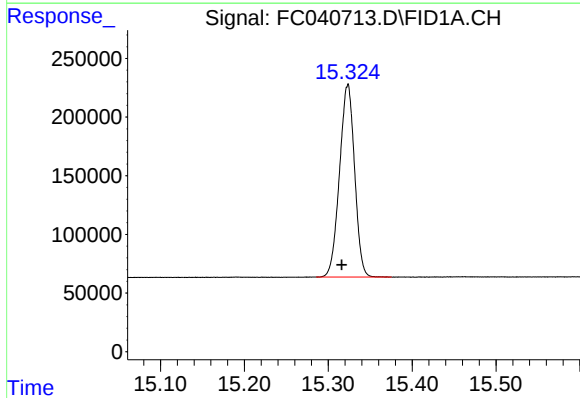
#13 n-Docosane (C22)

R.T.: 13.203 min
Delta R.T.: 0.008 min
Response: 2047873
Conc: 20.37 ug/ml



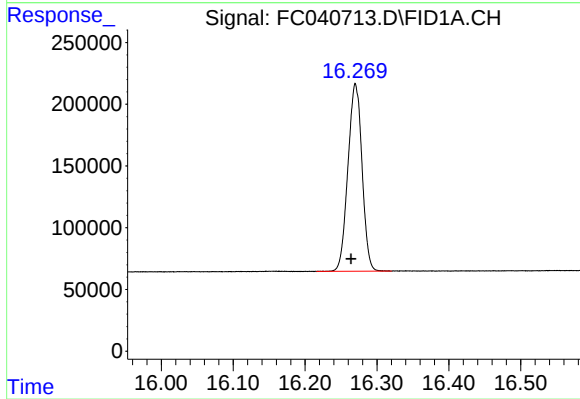
#14 n-Tetracosane (C24)

R.T.: 14.304 min
Delta R.T.: 0.008 min
Response: 2054077
Conc: 20.63 ug/ml



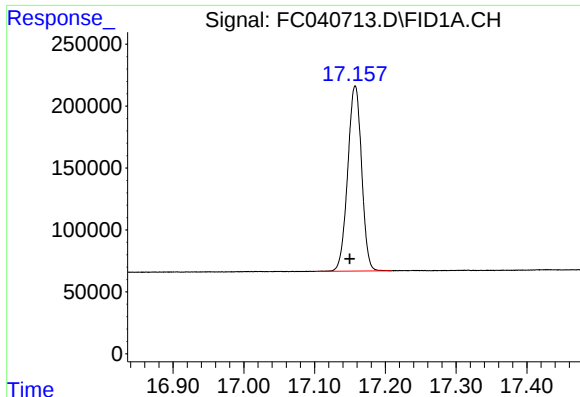
#15 n-Hexacosane (C26)

R.T.: 15.323 min
Delta R.T.: 0.007 min
Response: 2051329
Conc: 20.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.270 min
Delta R.T.: 0.006 min
Response: 2065354
Conc: 21.05 ug/ml



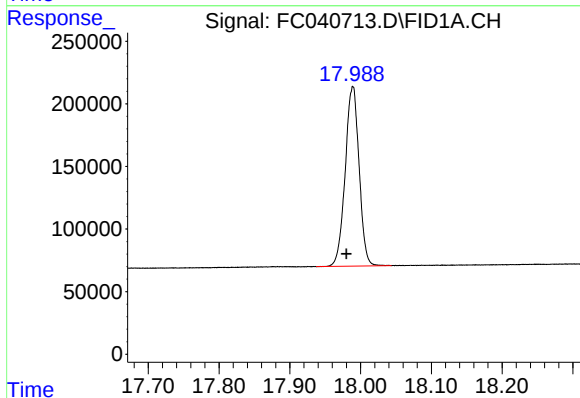
#17 n-Tricontane (C30)

R.T.: 17.157 min

Delta R.T.: 0.008 min

Response: 2038079

Conc: 20.83 ug/ml



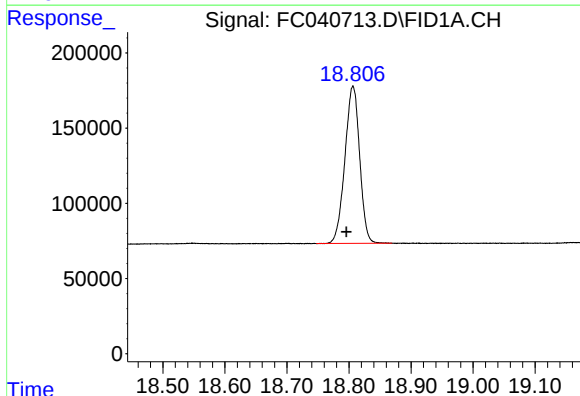
#18 n-Dotriacontane (C32)

R.T.: 17.989 min

Delta R.T.: 0.009 min

Response: 1958384

Conc: 20.24 ug/ml



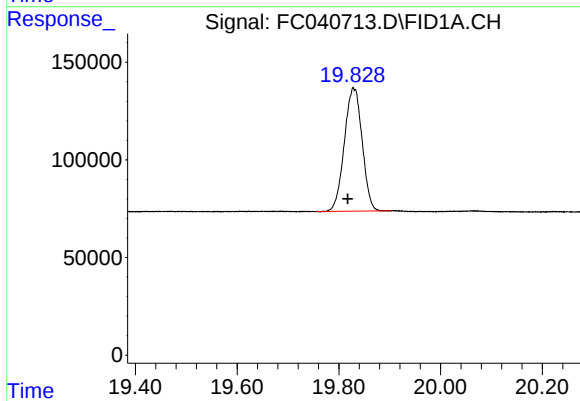
#19 n-Tetratriacontane (C34)

R.T.: 18.806 min

Delta R.T.: 0.011 min

Response: 1730338

Conc: 20.64 ug/ml



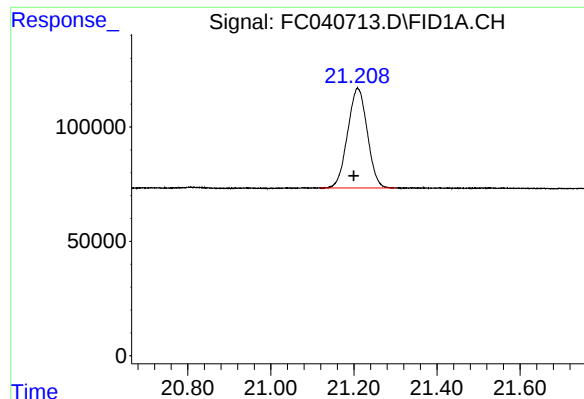
#20 n-Hexatriacontane (C36)

R.T.: 19.829 min

Delta R.T.: 0.011 min

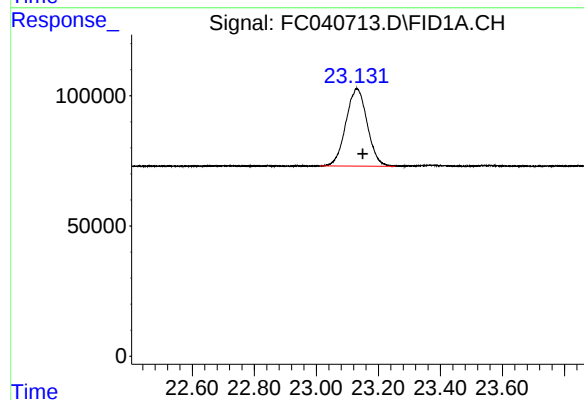
Response: 1530742

Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.009 min
Response: 1432341
Conc: 20.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.130 min
Delta R.T.: -0.020 min
Response: 1419370
Conc: 20.94 ug/ml