

Data Path : P:\HPCHEM1\FID D\Data\FD050118AL\
 Data File : FD023390.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2018 2:25
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 02 05:27:21 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 041718.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 18 01:21:26 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)	11.132	2135983	16.456 ug/ml
Spiked Amount 50.000		Recovery =	32.91%
12) S 1-chlorooctadecane (S...	12.571	1747318	16.362 ug/ml
Spiked Amount 50.000		Recovery =	32.72%
Target Compounds			
1) T n-Nonane (C9)	3.001	2111608	17.157 ug/ml
2) T n-Decane (C10)	4.045	2127869	17.009 ug/ml
3) T A-Naphthalene (C11.7)	5.604	2228506	17.644 ug/ml
4) T n-Dodecane (C12)	6.039	2156677	16.757 ug/ml
5) T A-2-methylnaphthalene...	6.650	2048753	16.204 ug/mlm
6) T n-Tetradecane (C14)	7.817	2117351	16.233 ug/ml
7) T n-Hexadecane (C16)	9.403	2064621	15.997 ug/ml
8) T n-Octadecane (C18)	10.833	2001243	16.001 ug/ml
10) T n-Eicosane (C20)	12.133	2007268	16.148 ug/ml
11) T n-Heneicosane (C21)	12.740	1991659	16.281 ug/ml
13) T n-Docosane (C22)	13.322	1992927	16.429 ug/ml
14) T n-Tetracosane (C24)	14.417	1999570	16.876 ug/ml
15) T n-Hexacosane (C26)	15.432	1985415	17.050 ug/ml
16) T n-Octacosane (C28)	16.375	2005605	17.028 ug/mlm
17) T n-Tricontane (C30)	17.257	1969954	16.876 ug/mlm
18) T n-Dotriacontane (C32)	18.086	1999476	16.526 ug/mlm
19) T n-Tetratriacontane (C34)	18.865	2050381	16.893 ug/mlm
20) T n-Hexatriacontane (C36)	19.601	2089300	17.274 ug/mlm
21) T n-Octatriacontane (C38)	20.299	2187491	17.929 ug/ml
22) T n-Tetracontane (C40)	21.045	2060256	16.338 ug/ml

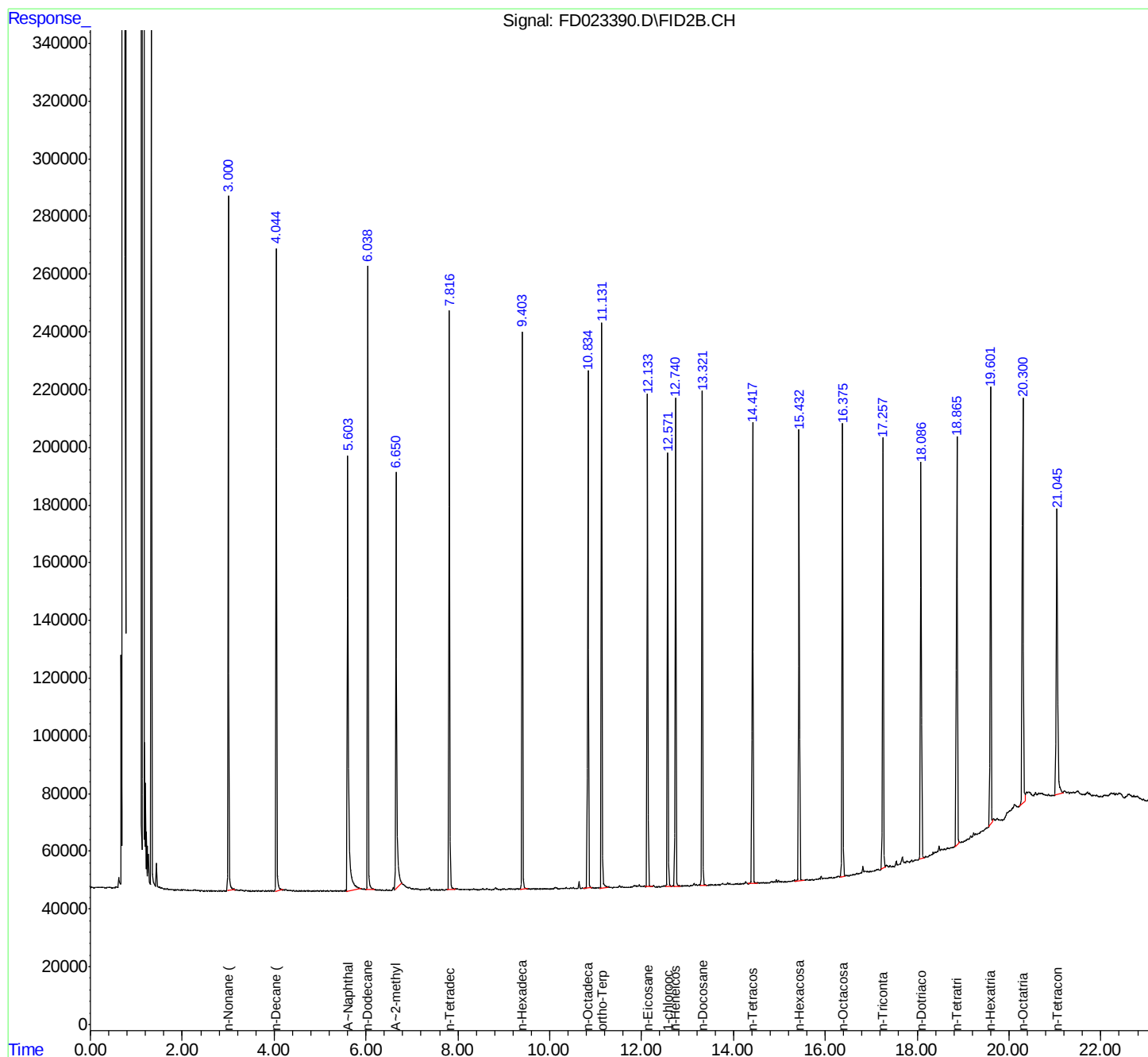
(f)=RT Delta > 1/2 Window

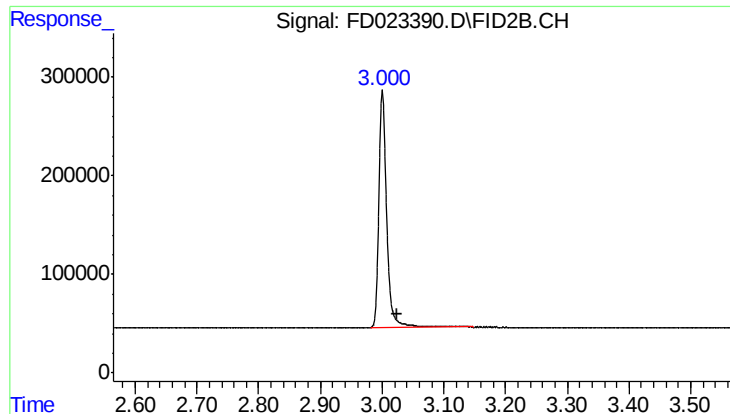
(m)=manual int.

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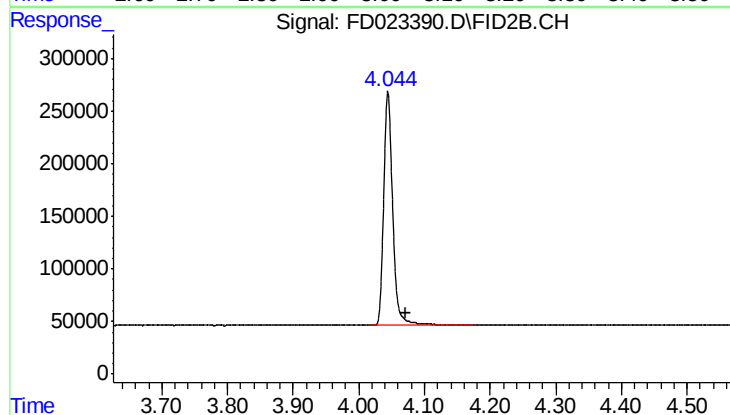
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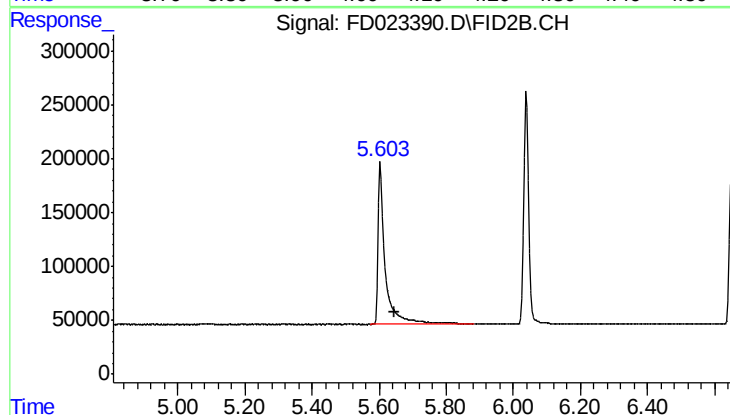
#1 n-Nonane (C9)

R.T.: 3.001 min
Delta R.T.: -0.024 min
Response: 2111608
Conc: 17.16 ug/ml



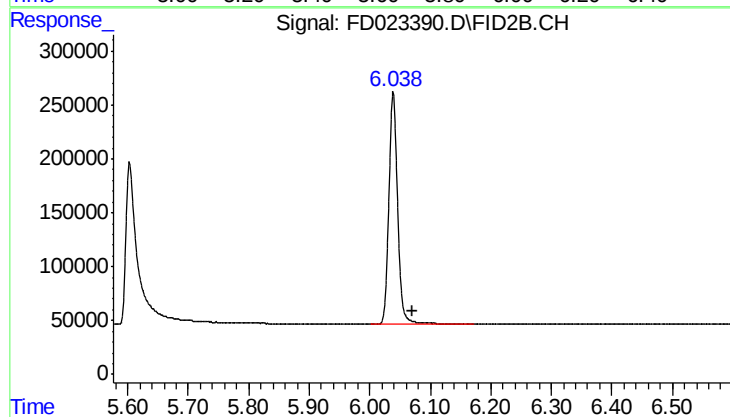
#2 n-Decane (C10)

R.T.: 4.045 min
Delta R.T.: -0.027 min
Response: 2127869
Conc: 17.01 ug/ml



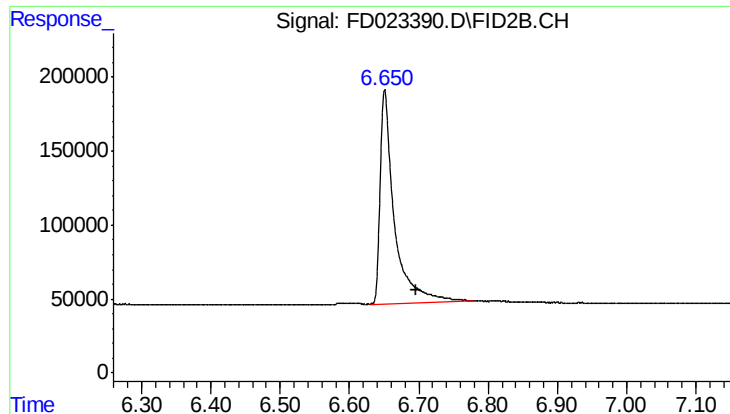
#3 A-Naphthalene (C11.7)

R.T.: 5.604 min
Delta R.T.: -0.044 min
Response: 2228506
Conc: 17.64 ug/ml



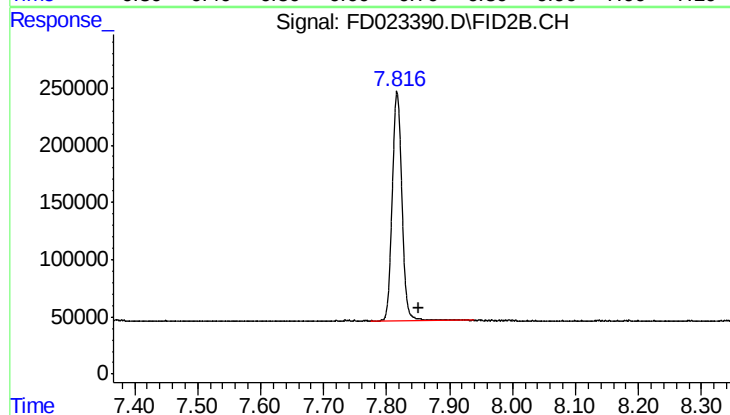
#4 n-Dodecane (C12)

R.T.: 6.039 min
Delta R.T.: -0.031 min
Response: 2156677
Conc: 16.76 ug/ml



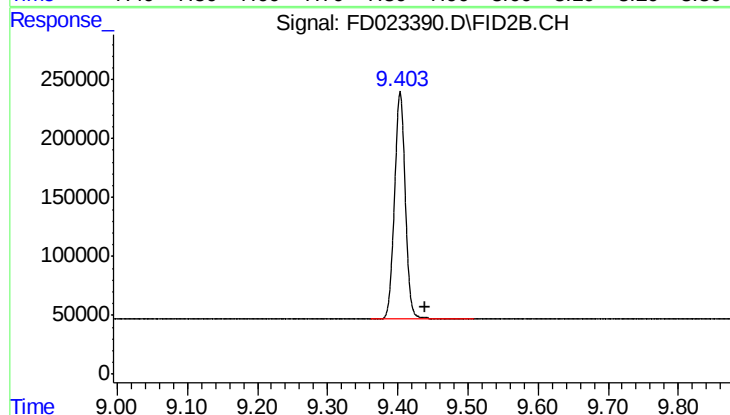
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.650 min
Delta R.T.: -0.047 min
Response: 2048753
Conc: 16.20 ug/ml m



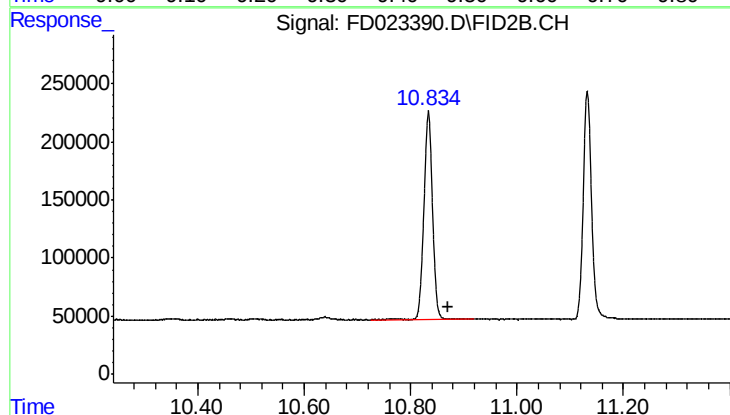
#6 n-Tetradecane (C14)

R.T.: 7.817 min
Delta R.T.: -0.034 min
Response: 2117351
Conc: 16.23 ug/ml



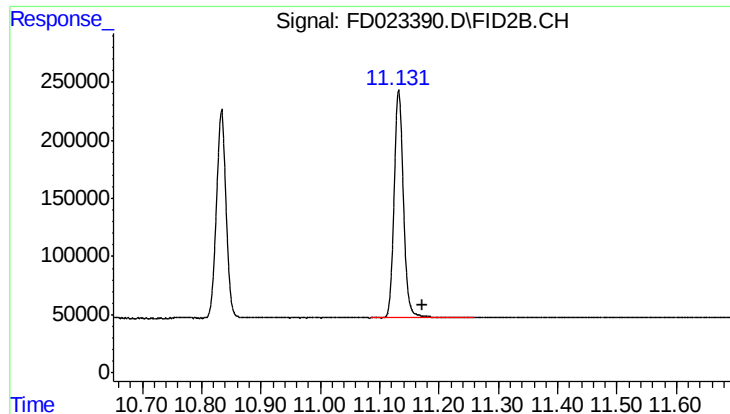
#7 n-Hexadecane (C16)

R.T.: 9.403 min
Delta R.T.: -0.036 min
Response: 2064621
Conc: 16.00 ug/ml



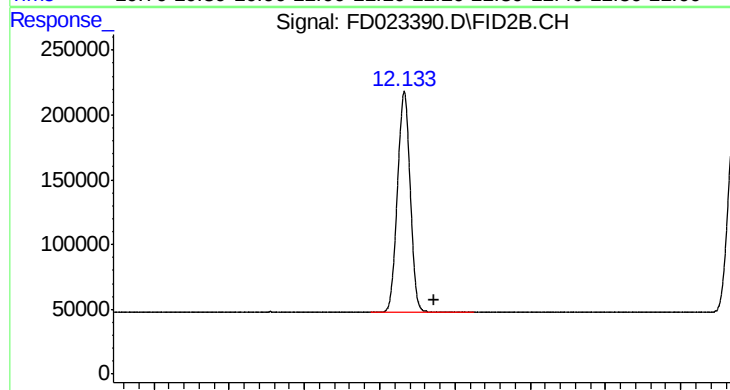
#8 n-Octadecane (C18)

R.T.: 10.833 min
Delta R.T.: -0.037 min
Response: 2001243
Conc: 16.00 ug/ml



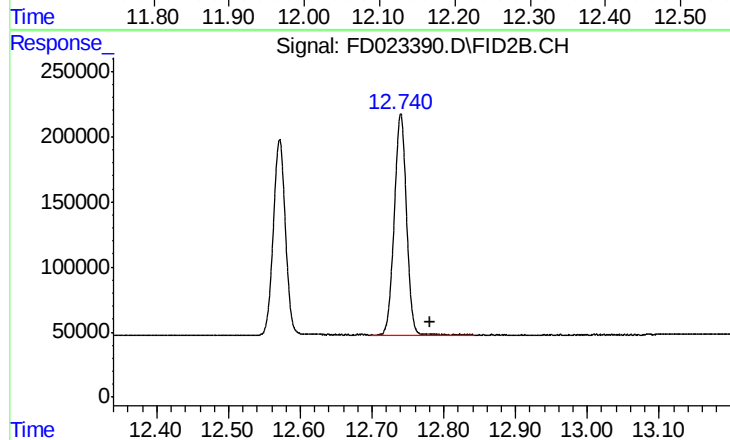
#9 ortho-Terphenyl (SURR)

R.T.: 11.132 min
Delta R.T.: -0.041 min
Response: 2135983
Conc: 16.46 ug/ml



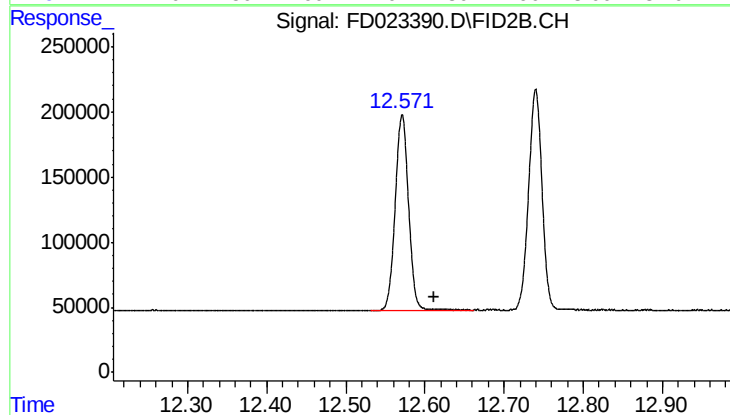
#10 n-Eicosane (C20)

R.T.: 12.133 min
Delta R.T.: -0.039 min
Response: 2007268
Conc: 16.15 ug/ml



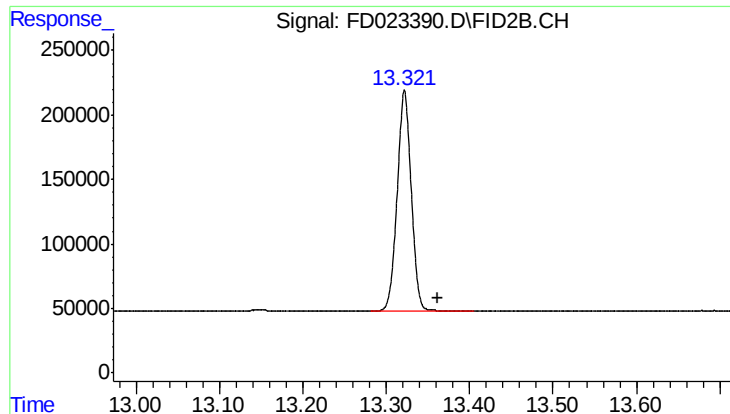
#11 n-Heneicosane (C21)

R.T.: 12.740 min
Delta R.T.: -0.040 min
Response: 1991659
Conc: 16.28 ug/ml



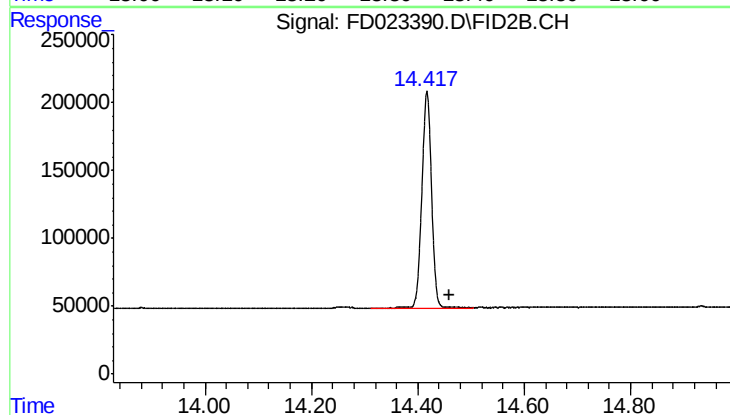
#12 1-chlorooctadecane (SURR)

R.T.: 12.571 min
Delta R.T.: -0.041 min
Response: 1747318
Conc: 16.36 ug/ml



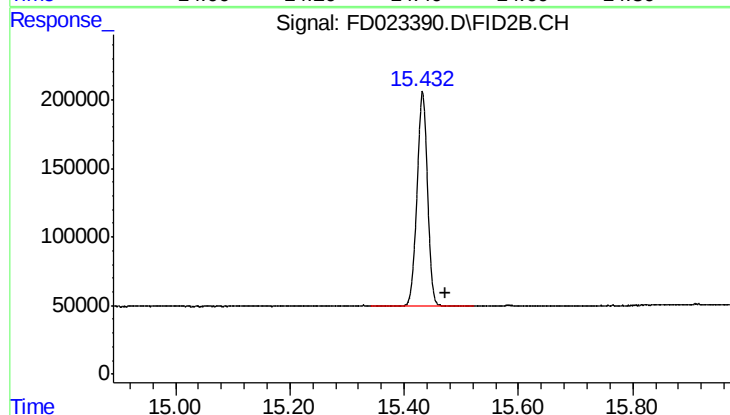
#13 n-Docosane (C22)

R.T.: 13.322 min
Delta R.T.: -0.041 min
Response: 1992927
Conc: 16.43 ug/ml



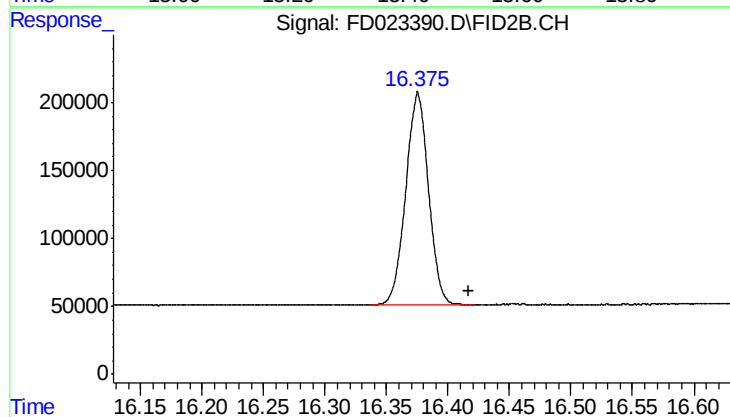
#14 n-Tetracosane (C24)

R.T.: 14.417 min
Delta R.T.: -0.042 min
Response: 1999570
Conc: 16.88 ug/ml



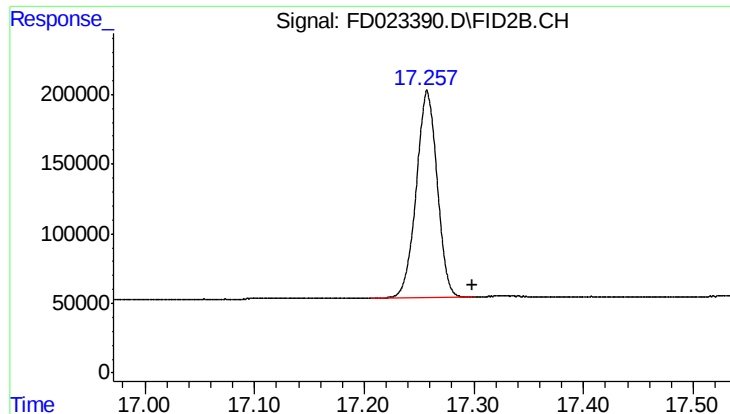
#15 n-Hexacosane (C26)

R.T.: 15.432 min
Delta R.T.: -0.040 min
Response: 1985415
Conc: 17.05 ug/ml



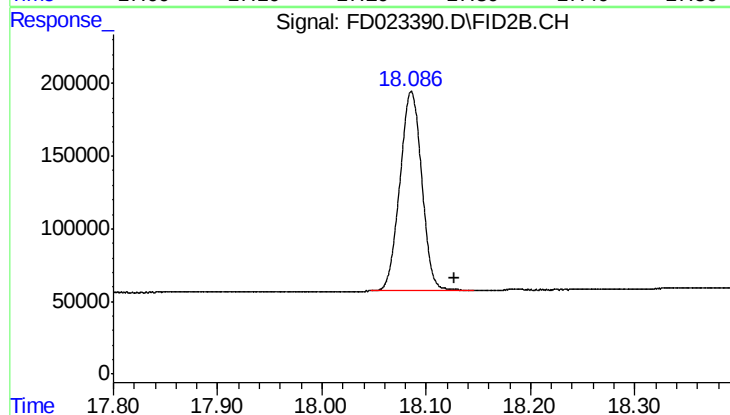
#16 n-Octacosane (C28)

R.T.: 16.375 min
Delta R.T.: -0.042 min
Response: 2005605
Conc: 17.03 ug/ml m



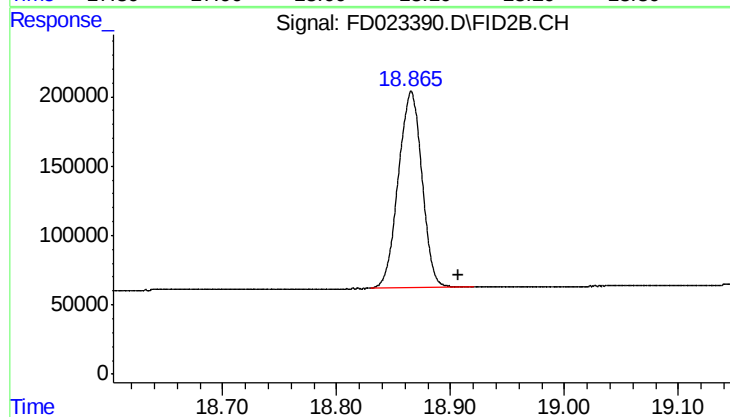
#17 n-Tricontane (C30)

R.T.: 17.257 min
Delta R.T.: -0.042 min
Response: 1969954
Conc: 16.88 ug/ml m



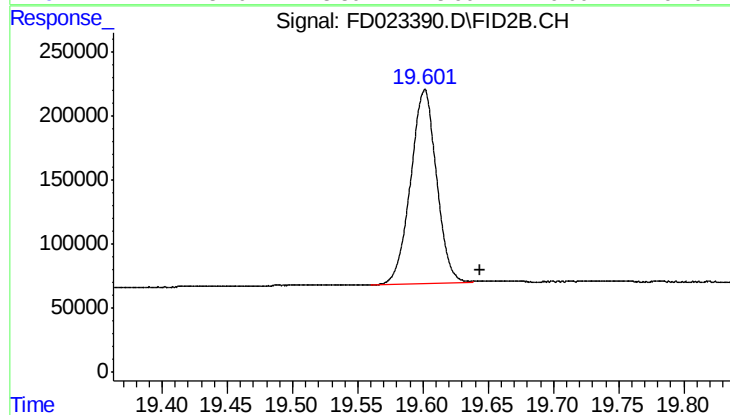
#18 n-Dotriacontane (C32)

R.T.: 18.086 min
Delta R.T.: -0.042 min
Response: 1999476
Conc: 16.53 ug/ml m



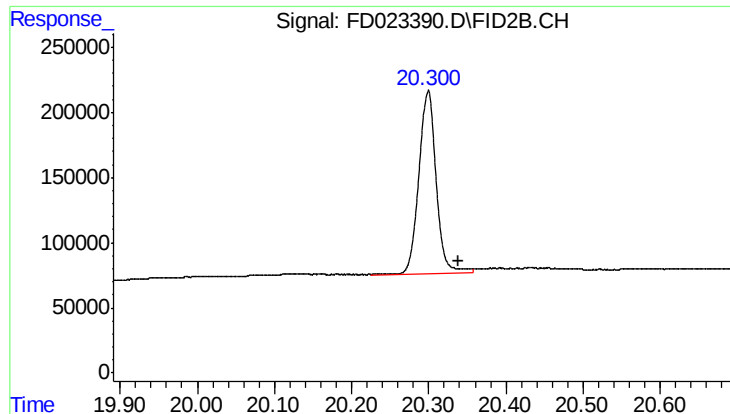
#19 n-Tetratriacontane (C34)

R.T.: 18.865 min
Delta R.T.: -0.041 min
Response: 2050381
Conc: 16.89 ug/ml m



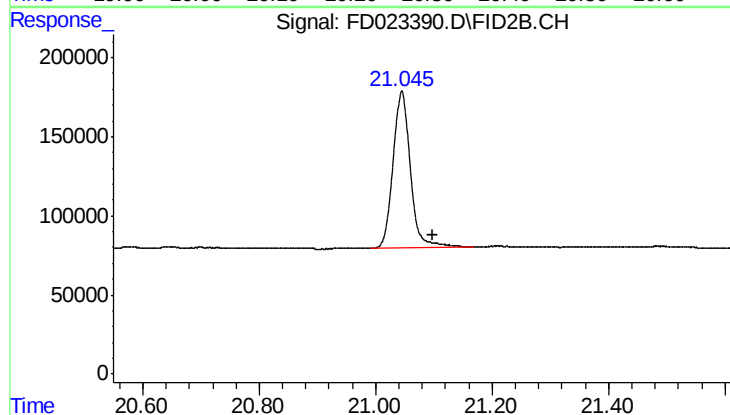
#20 n-Hexatriacontane (C36)

R.T.: 19.601 min
Delta R.T.: -0.042 min
Response: 2089300
Conc: 17.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.299 min
Delta R.T.: -0.040 min
Response: 2187491
Conc: 17.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.045 min
Delta R.T.: -0.053 min
Response: 2060256
Conc: 16.34 ug/ml