

Data Path : P:\HPCHEM1\FID D\Data\FD032818AL\
 Data File : FD022692.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2018 5:19
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 29 07:34:55 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 031618.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 19 11:51:27 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)	11.198	2043209	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
12) S 1-chlorooctadecane (S...	12.638	1660293	21.004 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T n-Nonane (C9)	3.040	1697476	19.301 ug/ml
2) T n-Decane (C10)	4.092	1715805	19.343 ug/ml
3) T A-Naphthalene (C11.7)	5.657	1933469	20.459 ug/ml
4) T n-Dodecane (C12)	6.095	1762663	19.156 ug/ml
5) T A-2-methylnaphthalene...	6.706	1935047	20.024 ug/ml
6) T n-Tetradecane (C14)	7.876	1795692	18.981 ug/ml
7) T n-Hexadecane (C16)	9.465	1820617	19.093 ug/ml
8) T n-Octadecane (C18)	10.897	1813674	19.245 ug/ml
10) T n-Eicosane (C20)	12.198	1864923	19.387 ug/ml
11) T n-Heneicosane (C21)	12.807	1865346	19.365 ug/ml
13) T n-Docosane (C22)	13.389	1903071	19.618 ug/ml
14) T n-Tetracosane (C24)	14.486	1917354	19.701 ug/ml
15) T n-Hexacosane (C26)	15.501	1909740	19.501 ug/ml
16) T n-Octacosane (C28)	16.446	1947773	19.579 ug/mlm
17) T n-Tricontane (C30)	17.328	1896147	19.620 ug/ml
18) T n-Dotriacontane (C32)	18.157	1907025	20.310 ug/mlm
19) T n-Tetratriacontane (C34)	18.935	1977832	21.983 ug/mlm
20) T n-Hexatriacontane (C36)	19.670	2071477	24.259 ug/mlm
21) T n-Octatriacontane (C38)	20.367	2043942	24.671 ug/mlm
22) T n-Tetracontane (C40)	21.135	1832065	23.523 ug/mlm

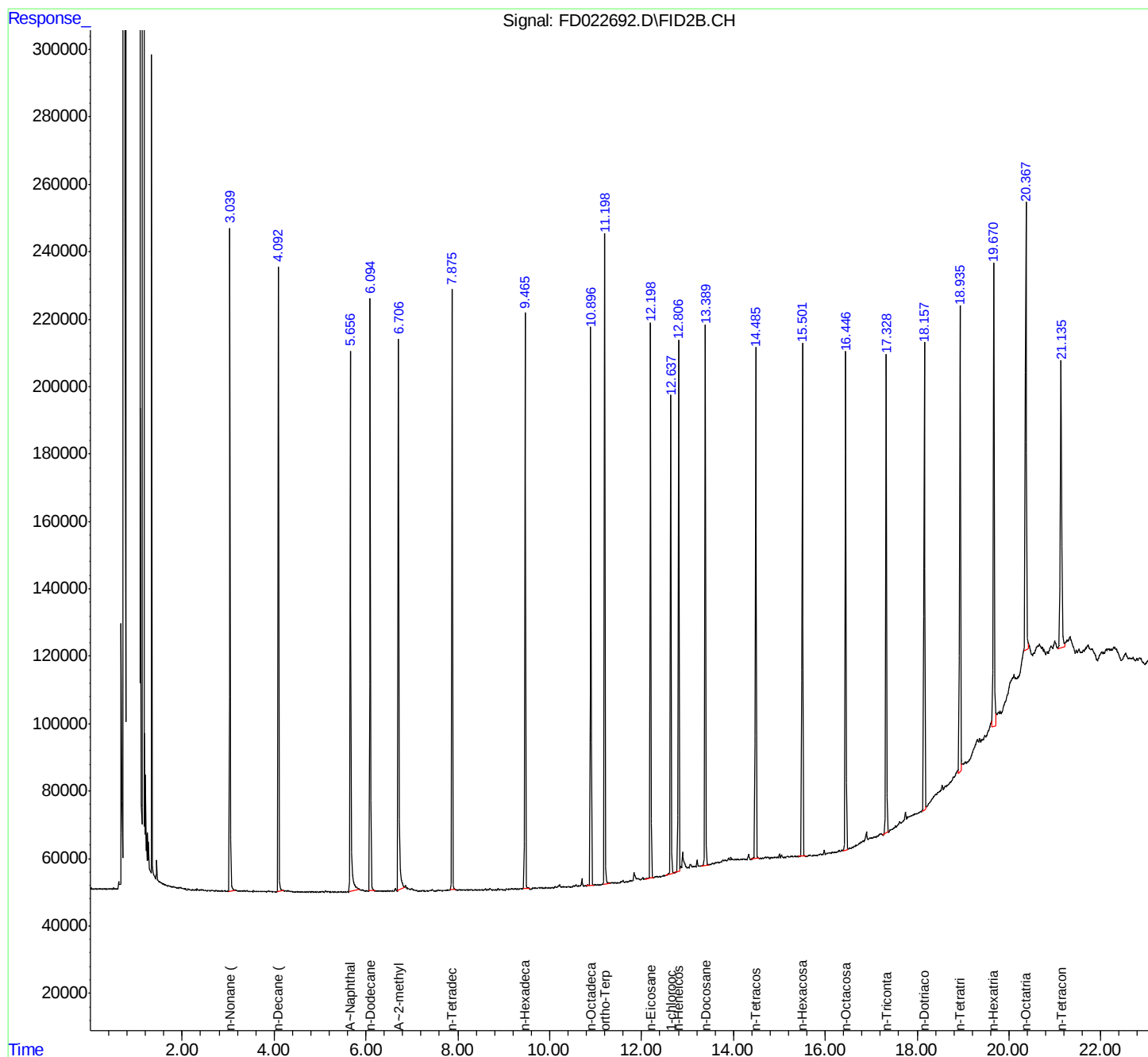
(f)=RT Delta > 1/2 Window

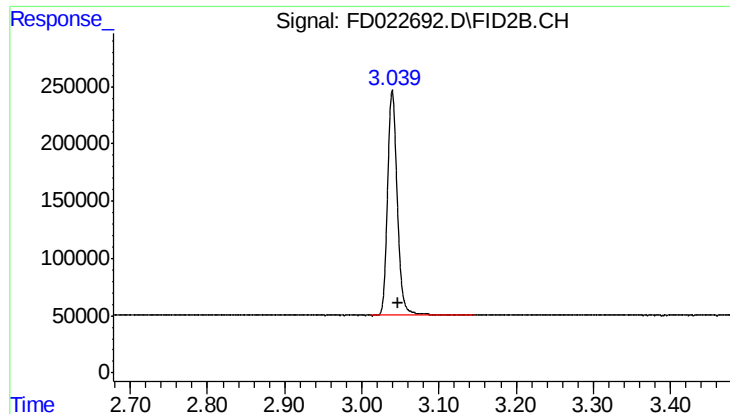
(m)=manual int.

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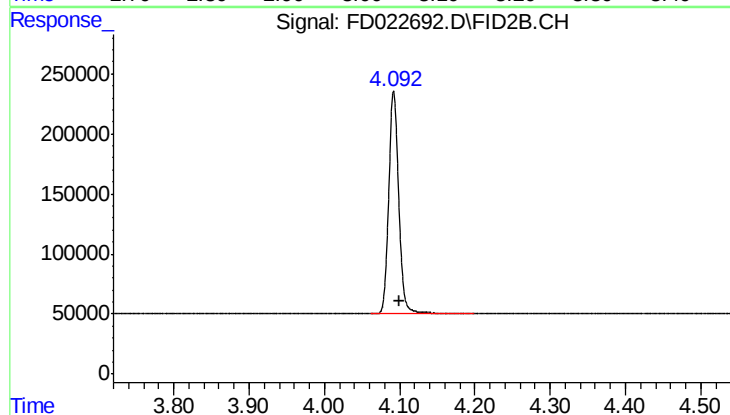
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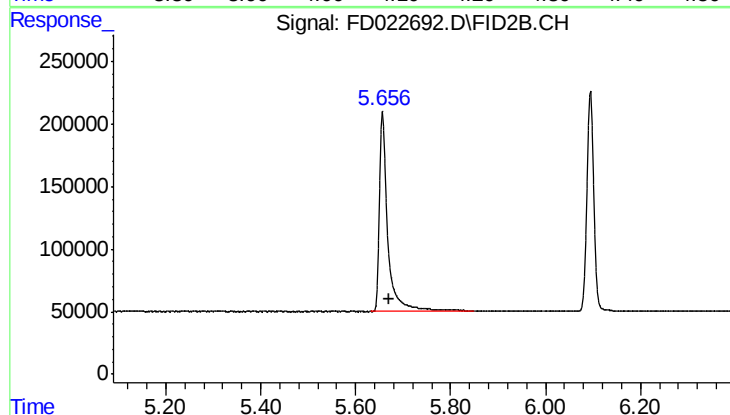
#1 n-Nonane (C9)

R.T.: 3.040 min
Delta R.T.: -0.008 min
Response: 1697476
Conc: 19.30 ug/ml



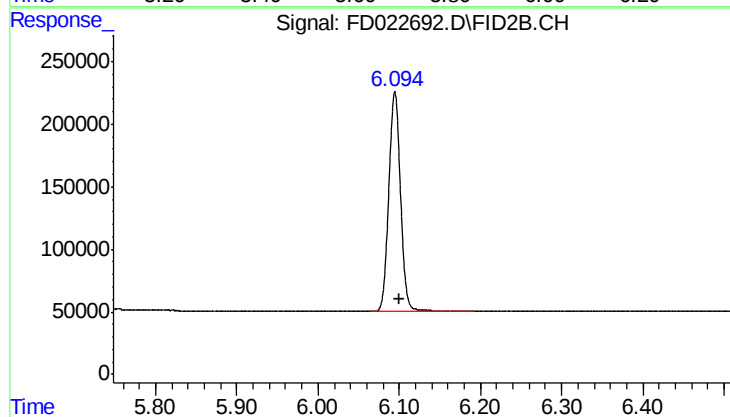
#2 n-Decane (C10)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 1715805
Conc: 19.34 ug/ml



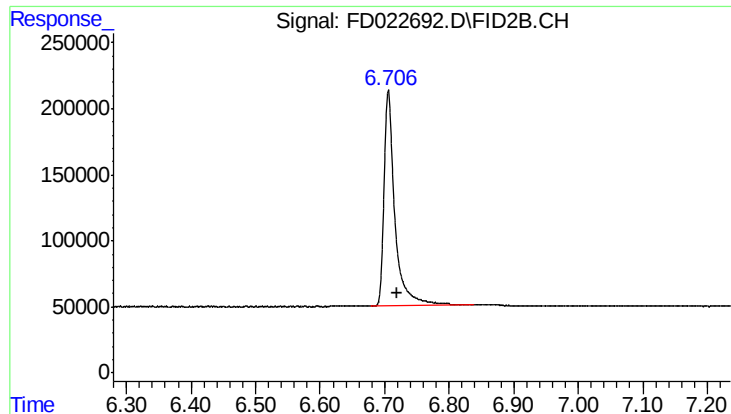
#3 A-Naphthalene (C11.7)

R.T.: 5.657 min
Delta R.T.: -0.013 min
Response: 1933469
Conc: 20.46 ug/ml



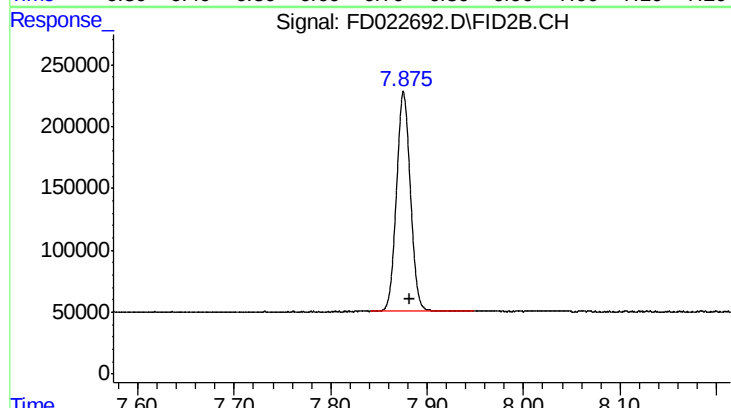
#4 n-Dodecane (C12)

R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 1762663
Conc: 19.16 ug/ml



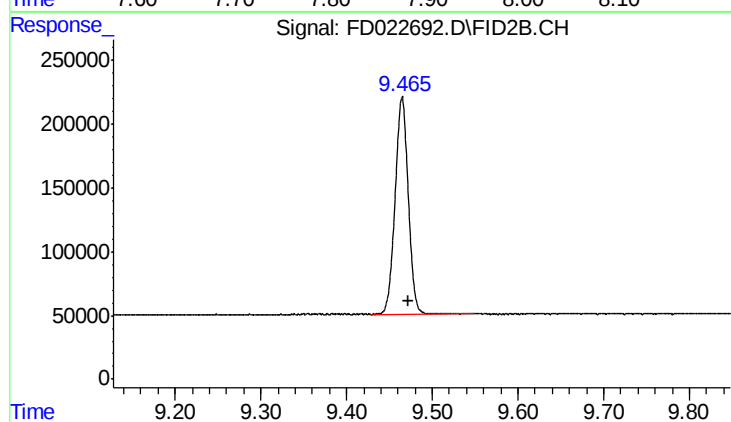
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.706 min
Delta R.T.: -0.013 min
Response: 1935047
Conc: 20.02 ug/ml



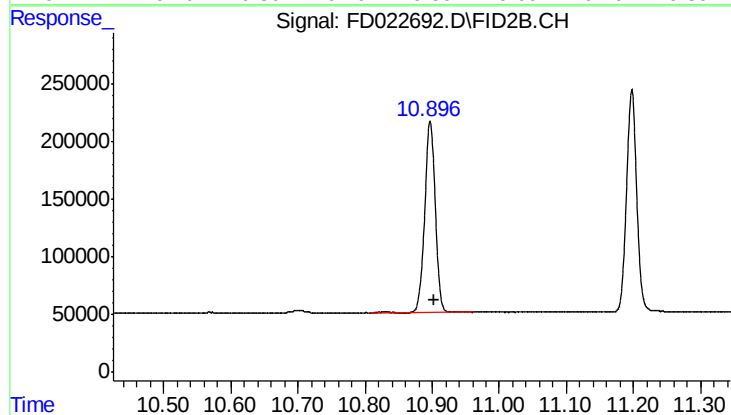
#6 n-Tetradecane (C14)

R.T.: 7.876 min
Delta R.T.: -0.007 min
Response: 1795692
Conc: 18.98 ug/ml



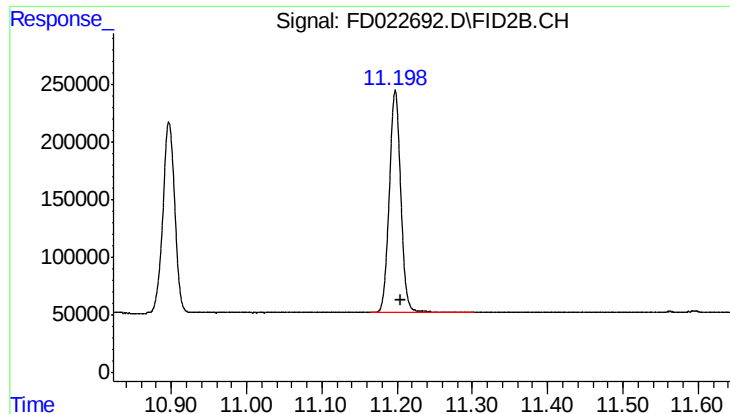
#7 n-Hexadecane (C16)

R.T.: 9.465 min
Delta R.T.: -0.007 min
Response: 1820617
Conc: 19.09 ug/ml



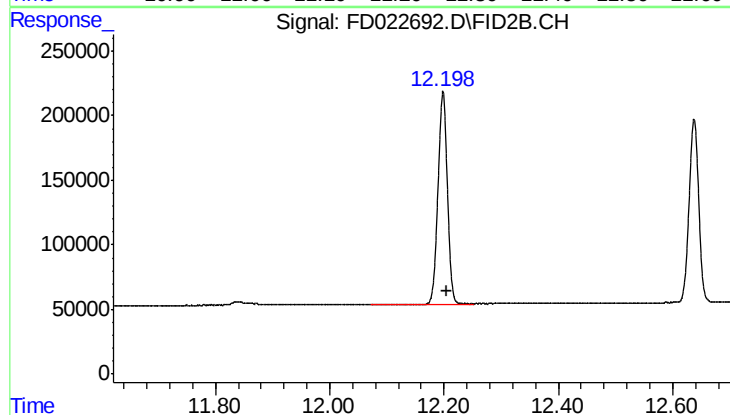
#8 n-Octadecane (C18)

R.T.: 10.897 min
Delta R.T.: -0.006 min
Response: 1813674
Conc: 19.24 ug/ml



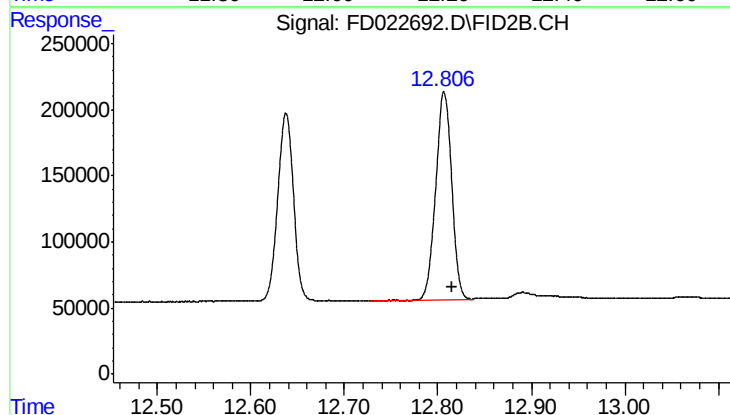
#9 ortho-Terphenyl (SURR)

R.T.: 11.198 min
Delta R.T.: -0.007 min
Response: 2043209
Conc: 19.90 ug/ml



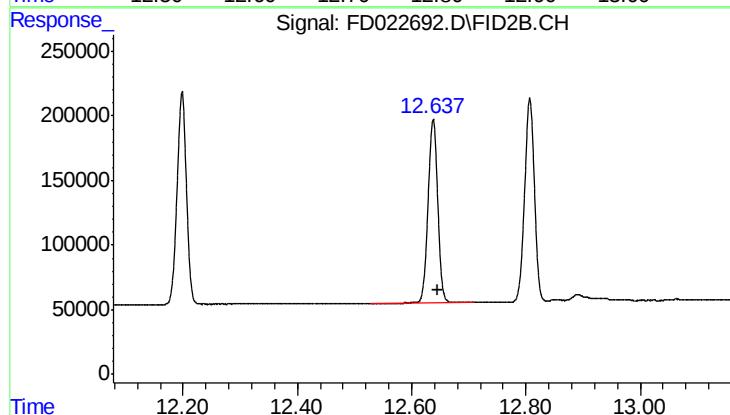
#10 n-Eicosane (C20)

R.T.: 12.198 min
Delta R.T.: -0.008 min
Response: 1864923
Conc: 19.39 ug/ml



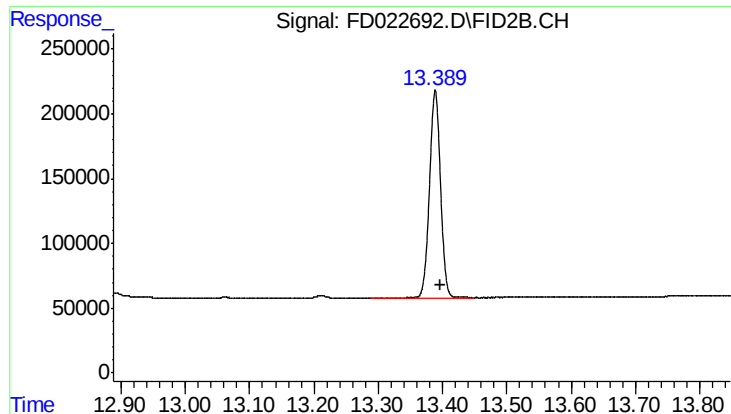
#11 n-Heneicosane (C21)

R.T.: 12.807 min
Delta R.T.: -0.008 min
Response: 1865346
Conc: 19.37 ug/ml



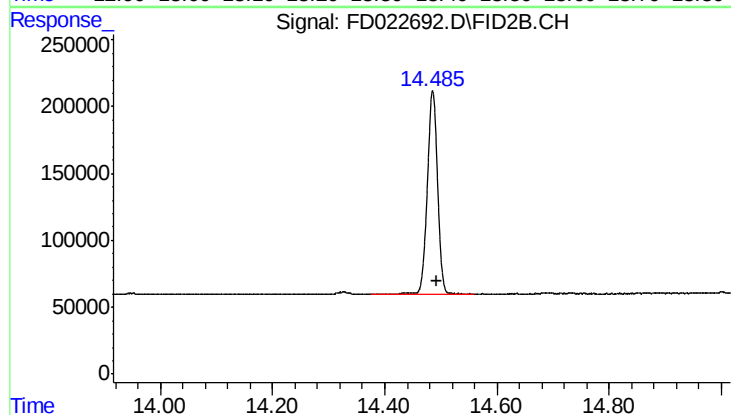
#12 1-chlorooctadecane (SURR)

R.T.: 12.638 min
Delta R.T.: -0.008 min
Response: 1660293
Conc: 21.00 ug/ml



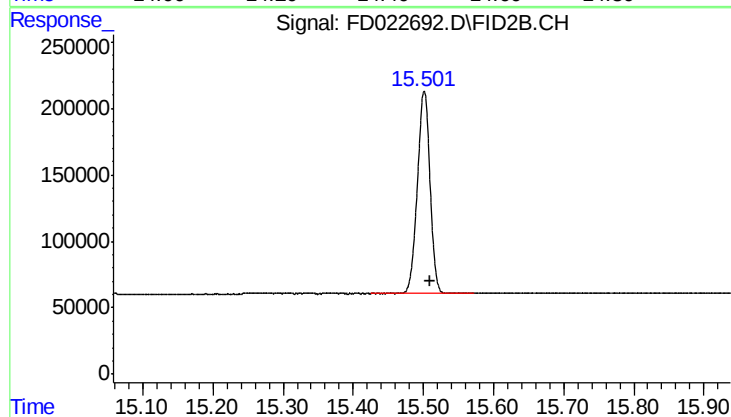
#13 n-Docosane (C22)

R.T.: 13.389 min
Delta R.T.: -0.009 min
Response: 1903071
Conc: 19.62 ug/ml



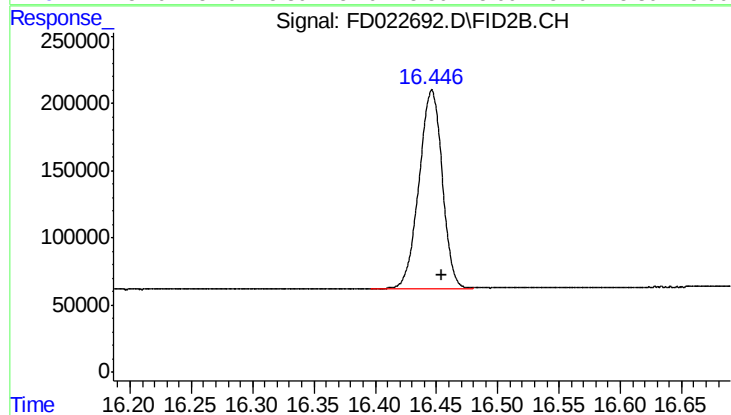
#14 n-Tetracosane (C24)

R.T.: 14.486 min
Delta R.T.: -0.008 min
Response: 1917354
Conc: 19.70 ug/ml



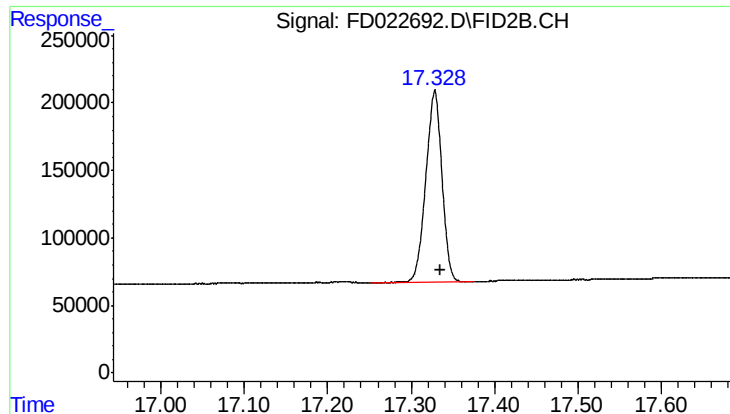
#15 n-Hexacosane (C26)

R.T.: 15.501 min
Delta R.T.: -0.008 min
Response: 1909740
Conc: 19.50 ug/ml



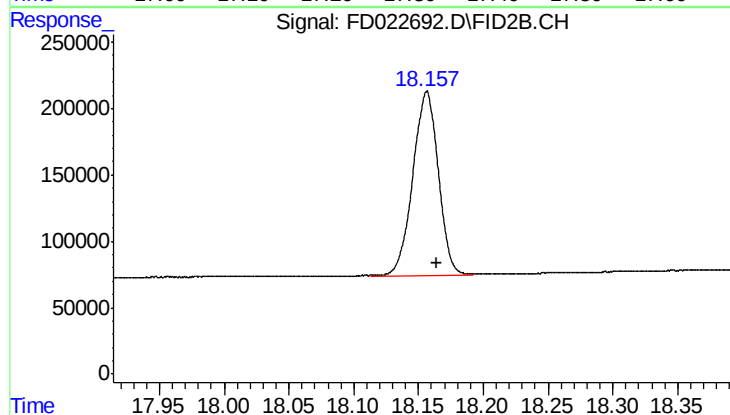
#16 n-Octacosane (C28)

R.T.: 16.446 min
Delta R.T.: -0.008 min
Response: 1947773
Conc: 19.58 ug/ml m



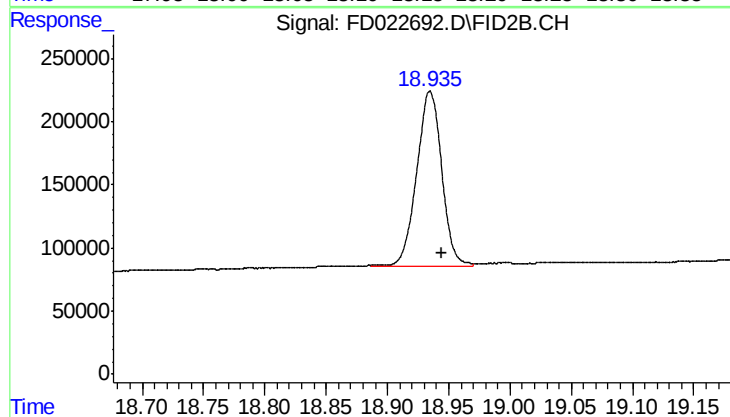
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.007 min
Response: 1896147
Conc: 19.62 ug/ml



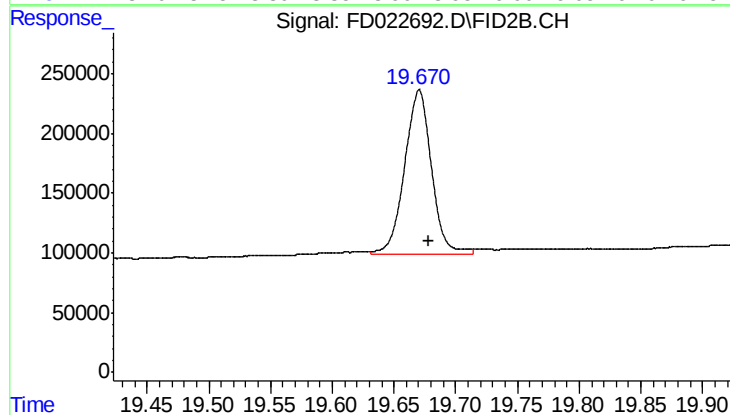
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: -0.008 min
Response: 1907025
Conc: 20.31 ug/ml m



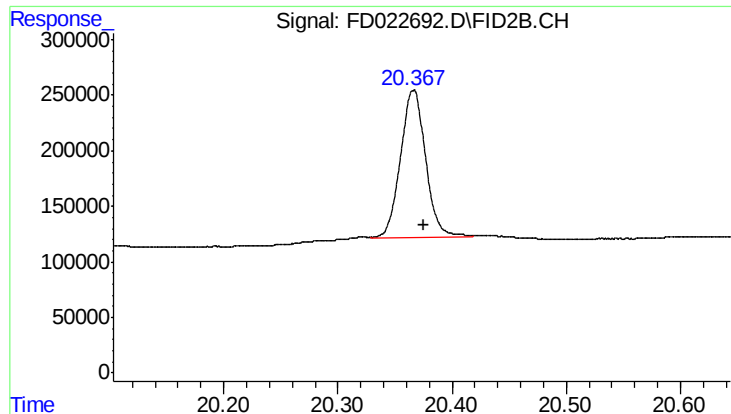
#19 n-Tetratriacontane (C34)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 1977832
Conc: 21.98 ug/ml m



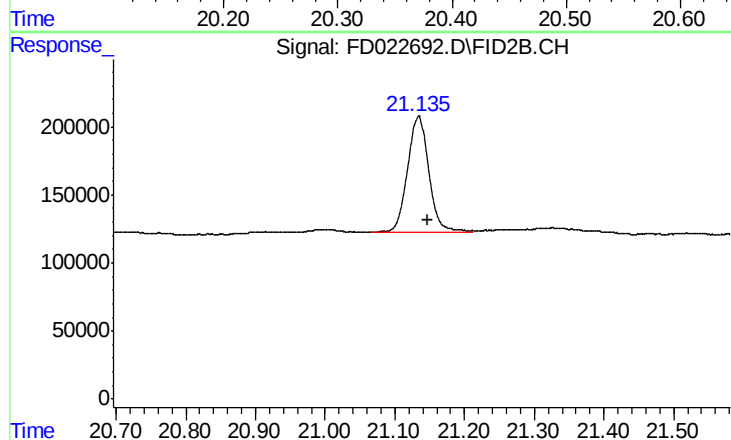
#20 n-Hexatriacontane (C36)

R.T.: 19.670 min
Delta R.T.: -0.009 min
Response: 2071477
Conc: 24.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.367 min
Delta R.T.: -0.008 min
Response: 2043942
Conc: 24.67 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.135 min
Delta R.T.: -0.011 min
Response: 1832065
Conc: 23.52 ug/ml m