

Data Path : P:\HPCHEM1\FID D\Data\FD033018AL\
 Data File : FD022728.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2018 22:33
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 31 00:34:48 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)	11.195	2129035	20.739 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
12) S 1-chlorooctadecane (S...	12.636	1704882	21.568 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
Target Compounds			
1) T n-Nonane (C9)	3.038	1796827	20.431 ug/ml
2) T n-Decane (C10)	4.090	1816029	20.472 ug/ml
3) T A-Naphthalene (C11.7)	5.654	2039992	21.586 ug/ml
4) T n-Dodecane (C12)	6.092	1876516	20.394 ug/ml
5) T A-2-methylnaphthalene...	6.703	2003214	20.729 ug/ml
6) T n-Tetradecane (C14)	7.874	1902754	20.113 ug/ml
7) T n-Hexadecane (C16)	9.462	1908602	20.015 ug/ml
8) T n-Octadecane (C18)	10.894	1884057	19.992 ug/ml
10) T n-Eicosane (C20)	12.196	1932875	20.093 ug/ml
11) T n-Heneicosane (C21)	12.804	1928628	20.022 ug/ml
13) T n-Docosane (C22)	13.387	1956849	20.173 ug/ml
14) T n-Tetracosane (C24)	14.484	1961523	20.155 ug/ml
15) T n-Hexacosane (C26)	15.499	1966147	20.077 ug/mlm
16) T n-Octacosane (C28)	16.443	1996742	20.071 ug/mlm
17) T n-Tricontane (C30)	17.326	1933676	20.008 ug/ml
18) T n-Dotriacontane (C32)	18.152	1943339	20.697 ug/mlm
19) T n-Tetratriacontane (C34)	18.931	1974055	21.941 ug/mlm
20) T n-Hexatriacontane (C36)	19.668	2026615	23.733 ug/mlm
21) T n-Octatriacontane (C38)	20.363	2009760	24.258 ug/mlm
22) T n-Tetracontane (C40)	21.131	1809794	23.237 ug/mlm

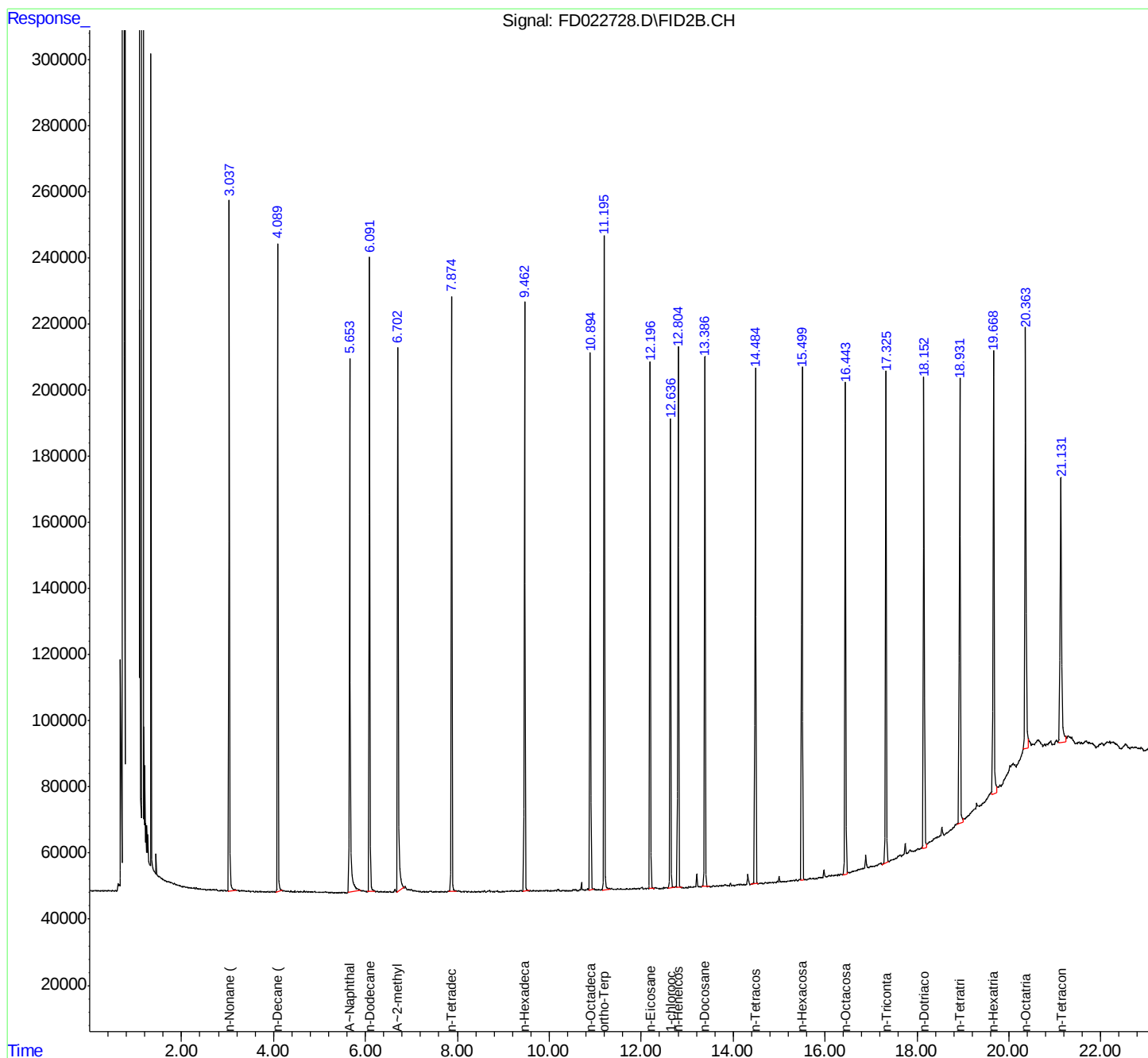
(f)=RT Delta > 1/2 Window

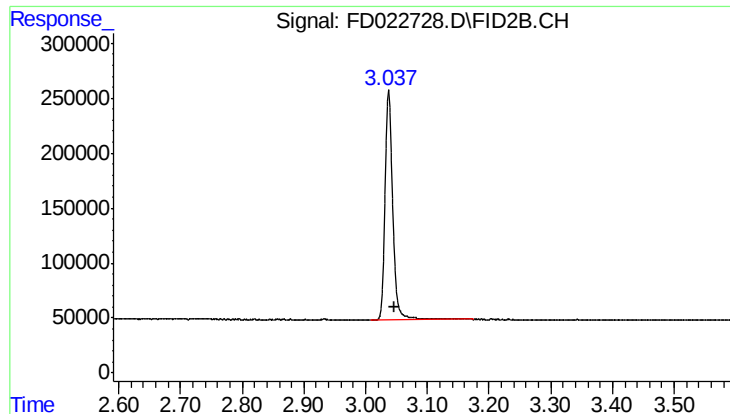
(m)=manual int.

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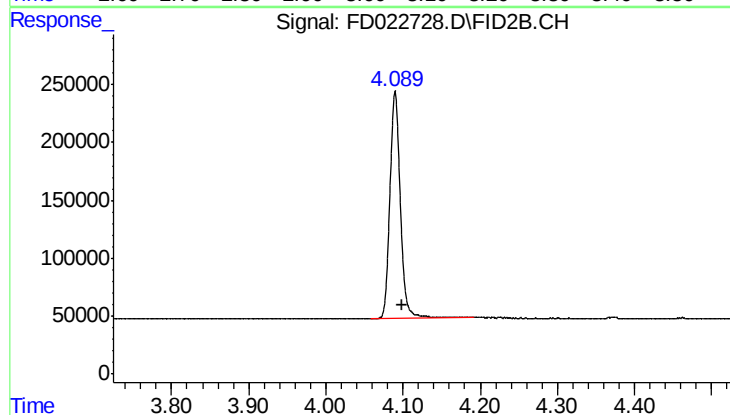
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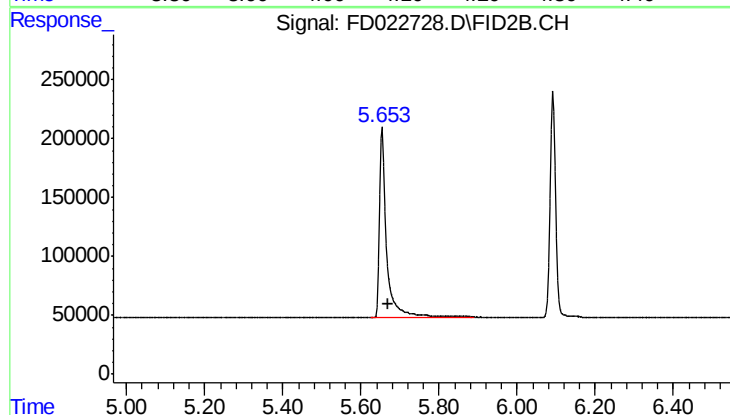
#1 n-Nonane (C9)

R.T.: 3.038 min
Delta R.T.: -0.010 min
Response: 1796827
Conc: 20.43 ug/ml



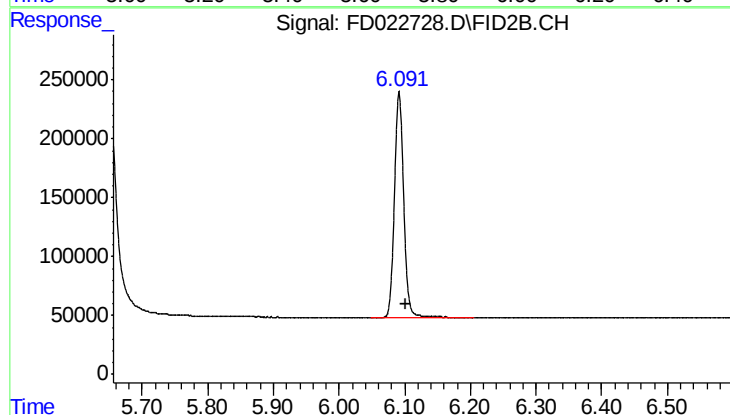
#2 n-Decane (C10)

R.T.: 4.090 min
Delta R.T.: -0.010 min
Response: 1816029
Conc: 20.47 ug/ml



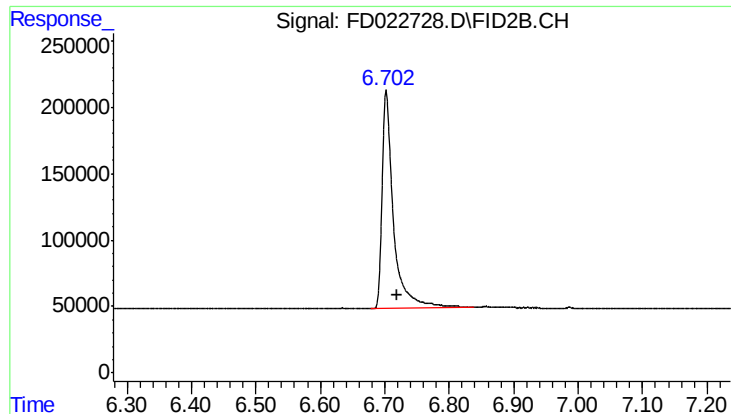
#3 A-Naphthalene (C11.7)

R.T.: 5.654 min
Delta R.T.: -0.016 min
Response: 2039992
Conc: 21.59 ug/ml



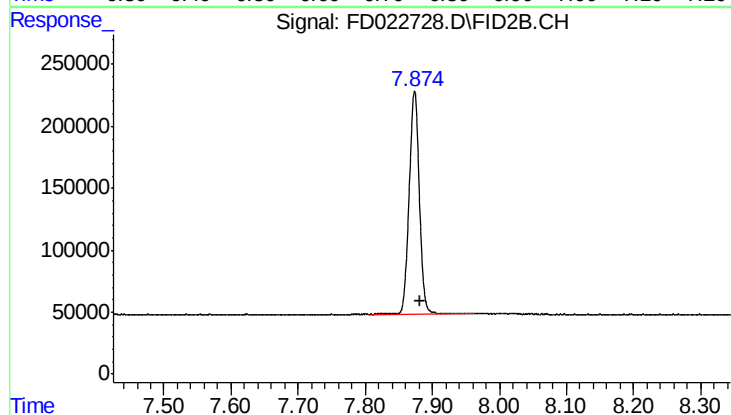
#4 n-Dodecane (C12)

R.T.: 6.092 min
Delta R.T.: -0.010 min
Response: 1876516
Conc: 20.39 ug/ml



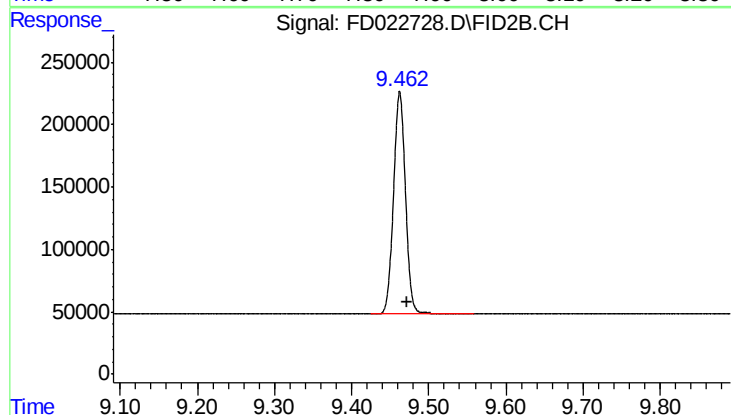
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.703 min
Delta R.T.: -0.016 min
Response: 2003214
Conc: 20.73 ug/ml



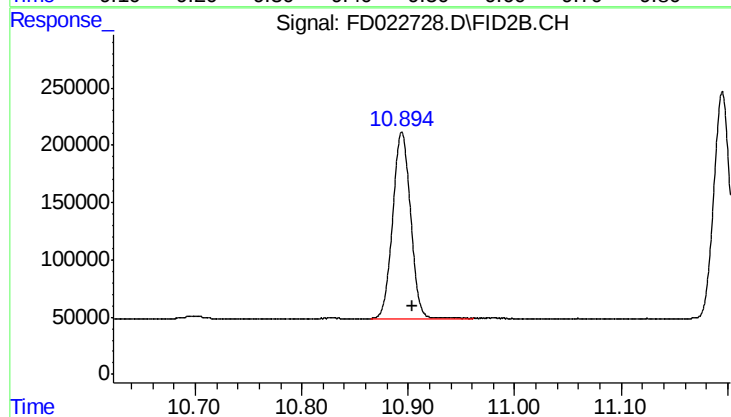
#6 n-Tetradecane (C14)

R.T.: 7.874 min
Delta R.T.: -0.009 min
Response: 1902754
Conc: 20.11 ug/ml



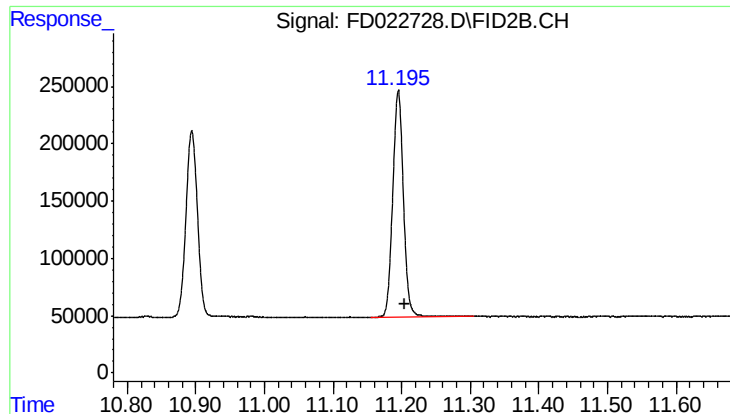
#7 n-Hexadecane (C16)

R.T.: 9.462 min
Delta R.T.: -0.010 min
Response: 1908602
Conc: 20.02 ug/ml



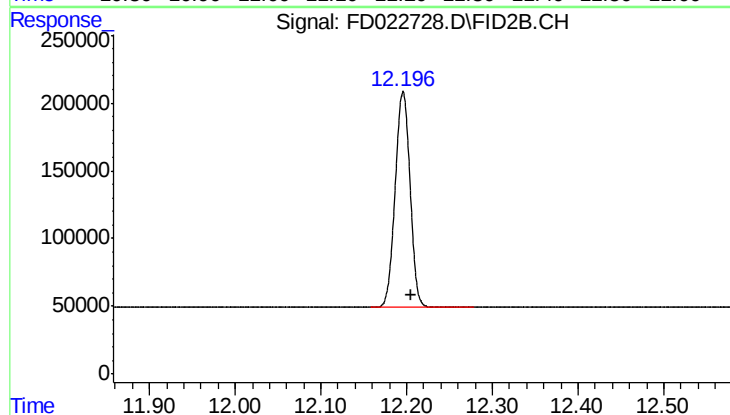
#8 n-Octadecane (C18)

R.T.: 10.894 min
Delta R.T.: -0.009 min
Response: 1884057
Conc: 19.99 ug/ml



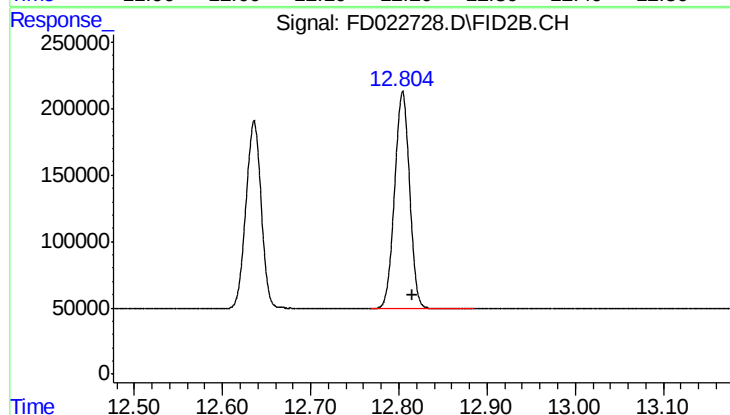
#9 ortho-Terphenyl (SURR)

R.T.: 11.195 min
Delta R.T.: -0.010 min
Response: 2129035
Conc: 20.74 ug/ml



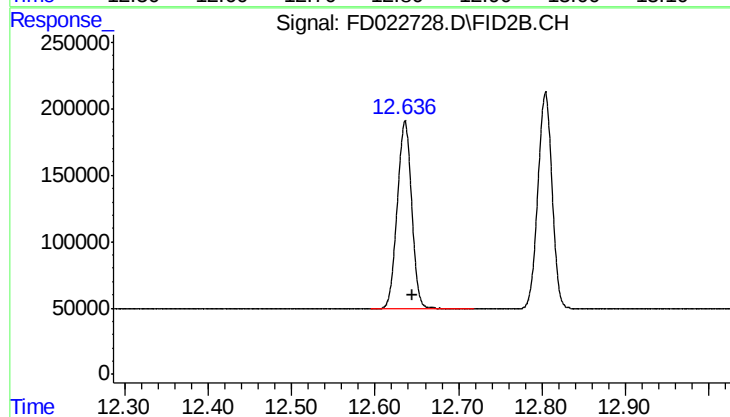
#10 n-Eicosane (C20)

R.T.: 12.196 min
Delta R.T.: -0.010 min
Response: 1932875
Conc: 20.09 ug/ml



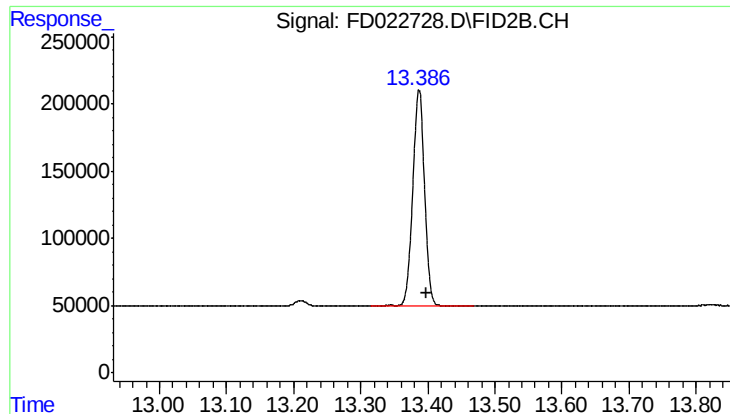
#11 n-Heneicosane (C21)

R.T.: 12.804 min
Delta R.T.: -0.010 min
Response: 1928628
Conc: 20.02 ug/ml



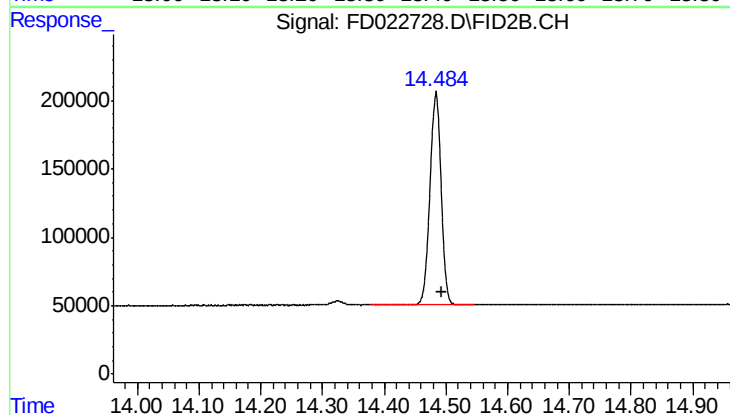
#12 1-chlorooctadecane (SURR)

R.T.: 12.636 min
Delta R.T.: -0.009 min
Response: 1704882
Conc: 21.57 ug/ml



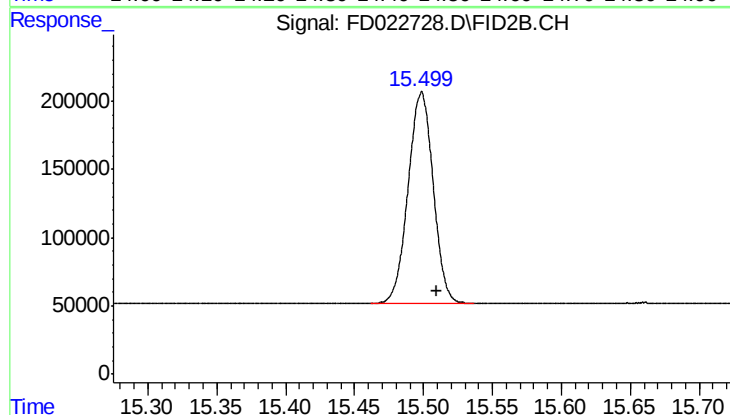
#13 n-Docosane (C22)

R.T.: 13.387 min
Delta R.T.: -0.010 min
Response: 1956849
Conc: 20.17 ug/ml



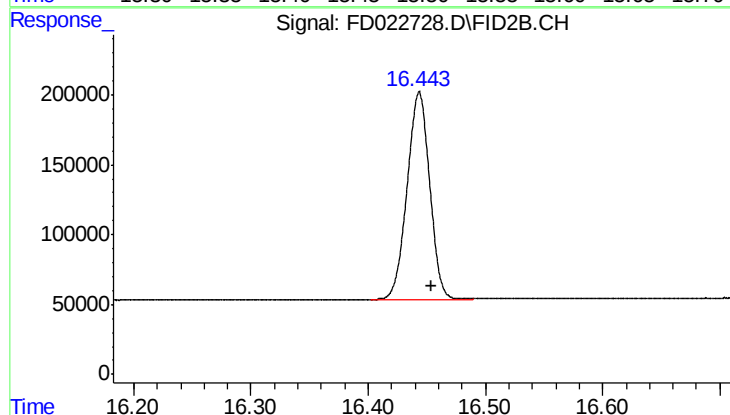
#14 n-Tetracosane (C24)

R.T.: 14.484 min
Delta R.T.: -0.010 min
Response: 1961523
Conc: 20.15 ug/ml



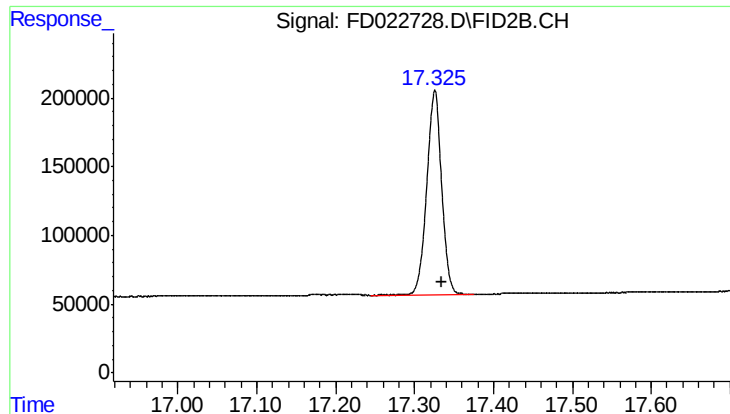
#15 n-Hexacosane (C26)

R.T.: 15.499 min
Delta R.T.: -0.010 min
Response: 1966147
Conc: 20.08 ug/ml m



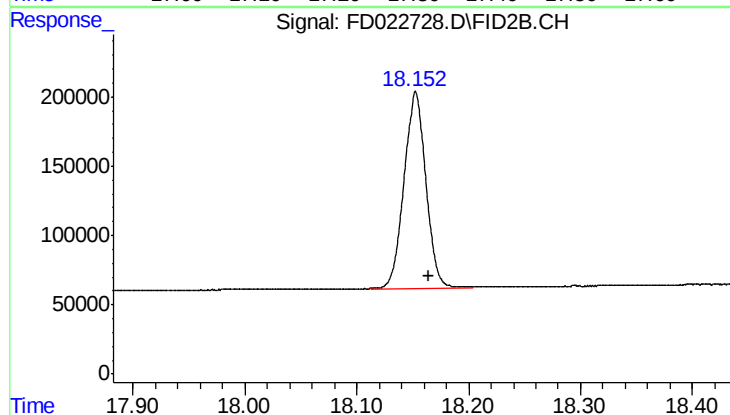
#16 n-Octacosane (C28)

R.T.: 16.443 min
Delta R.T.: -0.010 min
Response: 1996742
Conc: 20.07 ug/ml m



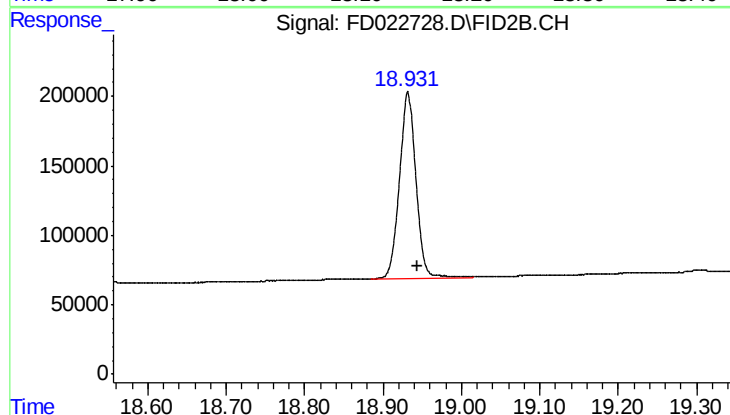
#17 n-Tricontane (C30)

R.T.: 17.326 min
Delta R.T.: -0.009 min
Response: 1933676
Conc: 20.01 ug/ml



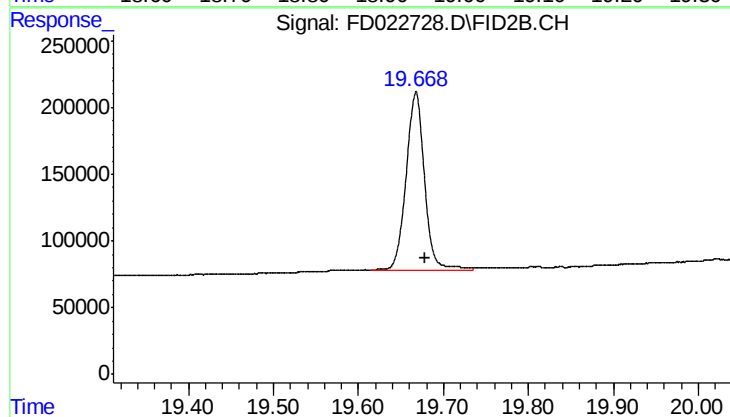
#18 n-Dotriacontane (C32)

R.T.: 18.152 min
Delta R.T.: -0.012 min
Response: 1943339
Conc: 20.70 ug/ml m



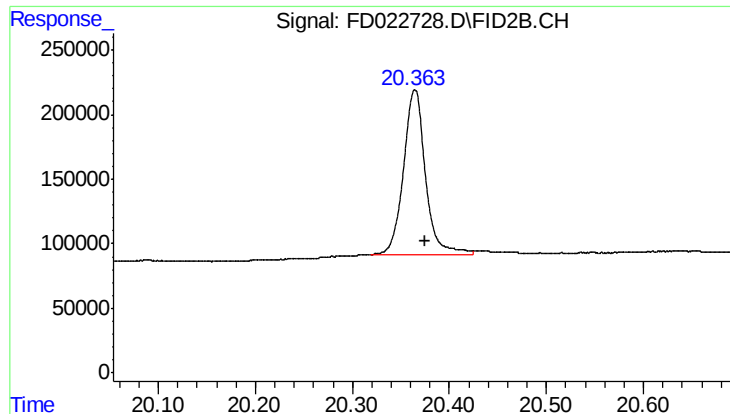
#19 n-Tetratriacontane (C34)

R.T.: 18.931 min
Delta R.T.: -0.013 min
Response: 1974055
Conc: 21.94 ug/ml m



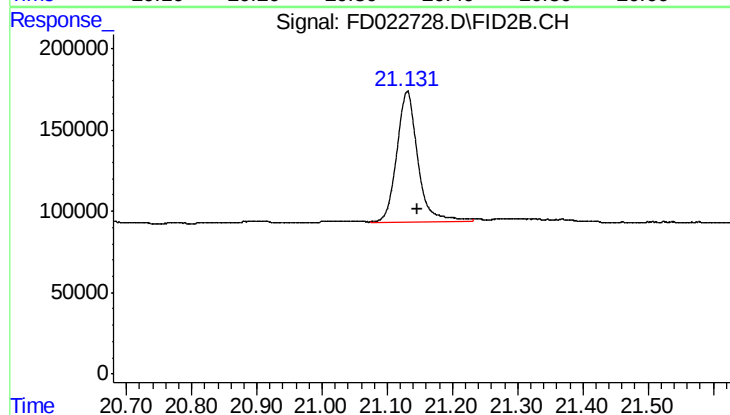
#20 n-Hexatriacontane (C36)

R.T.: 19.668 min
Delta R.T.: -0.011 min
Response: 2026615
Conc: 23.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.363 min
Delta R.T.: -0.012 min
Response: 2009760
Conc: 24.26 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.131 min
Delta R.T.: -0.015 min
Response: 1809794
Conc: 23.24 ug/ml m