

Data Path : P:\HPCHEM1\FID C\Data\FC011718AL\
 Data File : FC031809.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jan 2018 20:05
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 18 09:53:27 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Aliphatic EPH 011618.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 16 13:50:30 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)	11.186	2520137	19.618 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
12) S 1-chlorooctadecane (S...	12.635	1883013	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.034	2456377	19.930 ug/ml
2) T n-Decane (C10)	4.083	2438264	20.055 ug/ml
3) T A-Naphthalene (C11.7)	5.637	2594680	20.122 ug/ml
4) T n-Dodecane (C12)	6.085	2442692	20.098 ug/ml
5) T A-2-methylnaphthalene...	6.685	2578494	20.534 ug/ml
6) T n-Tetradecane (C14)	7.868	2430932	20.039 ug/ml
7) T n-Hexadecane (C16)	9.460	2393550	19.913 ug/ml
8) T n-Octadecane (C18)	10.894	2323149	19.745 ug/ml
10) T n-Eicosane (C20)	12.197	2330715	19.746 ug/ml
11) T n-Heneicosane (C21)	12.806	2284420	19.529 ug/ml
13) T n-Docosane (C22)	13.391	2346790	20.095 ug/ml
14) T n-Tetracosane (C24)	14.490	2269954	19.811 ug/ml
15) T n-Hexacosane (C26)	15.506	2262884	19.862 ug/ml
16) T n-Octacosane (C28)	16.453	2270240	19.729 ug/ml
17) T n-Tricontane (C30)	17.339	2201135	19.723 ug/ml
18) T n-Dotriacontane (C32)	18.169	2113925	19.290 ug/ml
19) T n-Tetratriacontane (C34)	18.951	1826101	17.660 ug/ml
20) T n-Hexatriacontane (C36)	19.688	1774550	18.402 ug/ml
21) T n-Octatriacontane (C38)	20.387	2195276	23.848 ug/ml
22) T n-Tetracontane (C40)	21.158	2462280	27.782 ug/ml

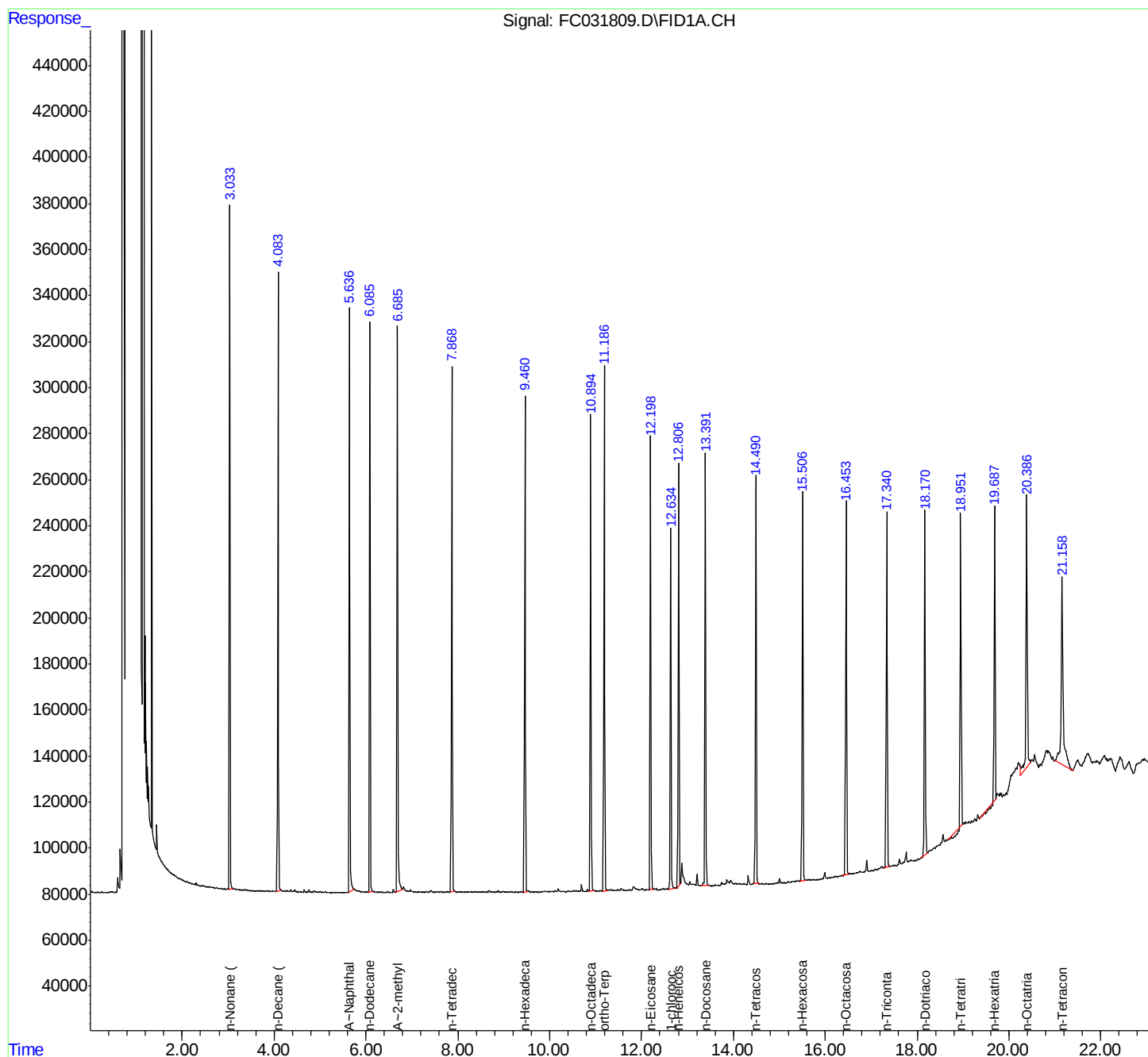
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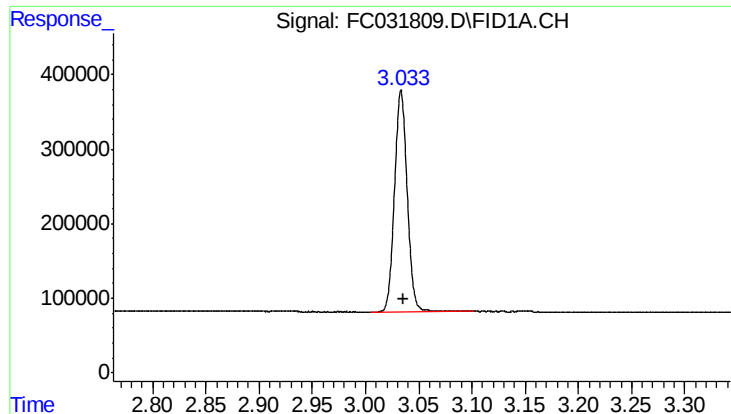
(m)=manual int.

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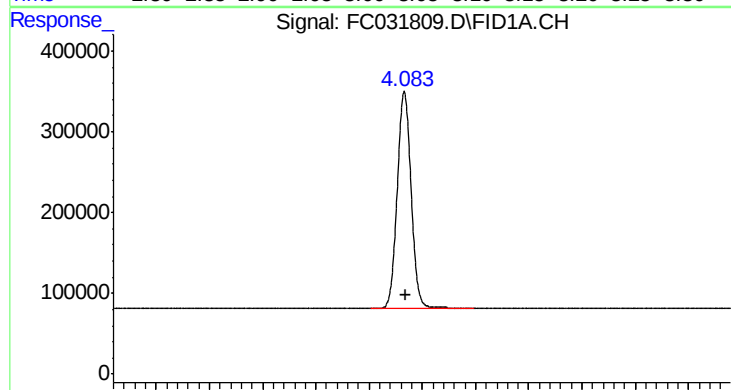
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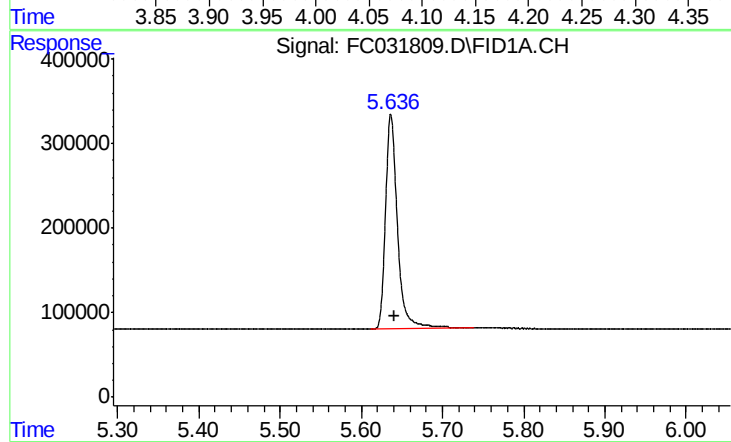
#1 n-Nonane (C9)

R.T.: 3.034 min
Delta R.T.: -0.002 min
Response: 2456377
Conc: 19.93 ug/ml



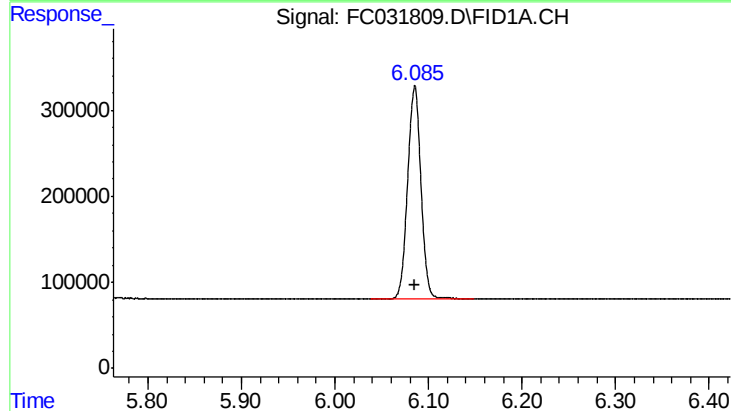
#2 n-Decane (C10)

R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 2438264
Conc: 20.06 ug/ml



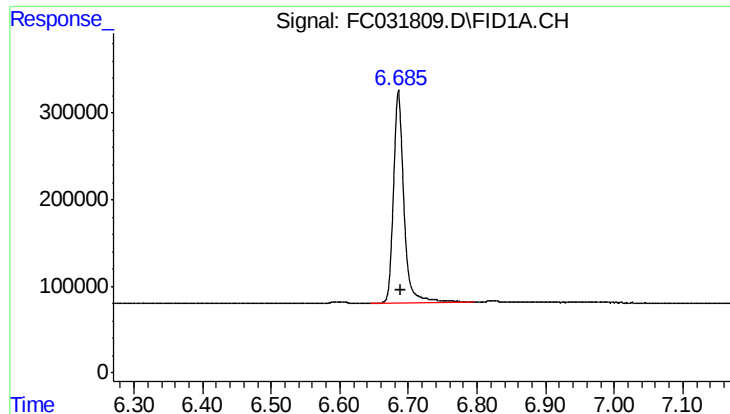
#3 A-Naphthalene (C11.7)

R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 2594680
Conc: 20.12 ug/ml



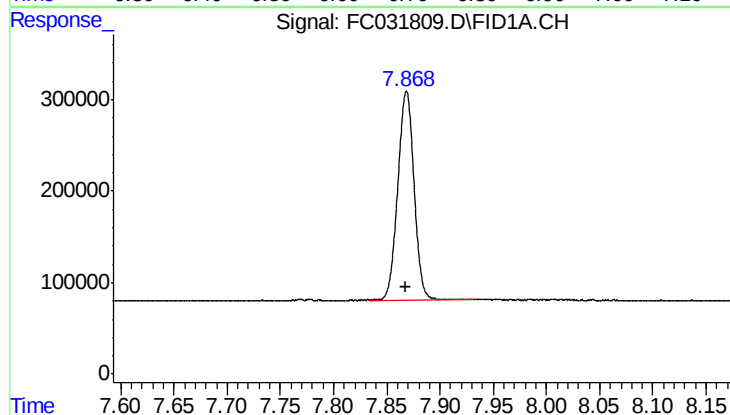
#4 n-Dodecane (C12)

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 2442692
Conc: 20.10 ug/ml



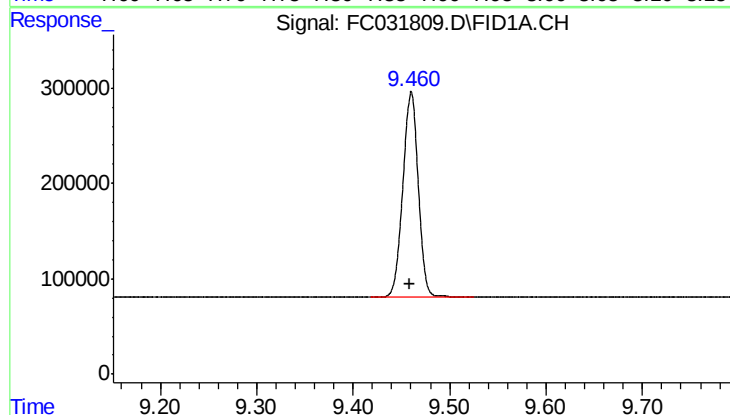
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.685 min
Delta R.T.: -0.003 min
Response: 2578494
Conc: 20.53 ug/ml



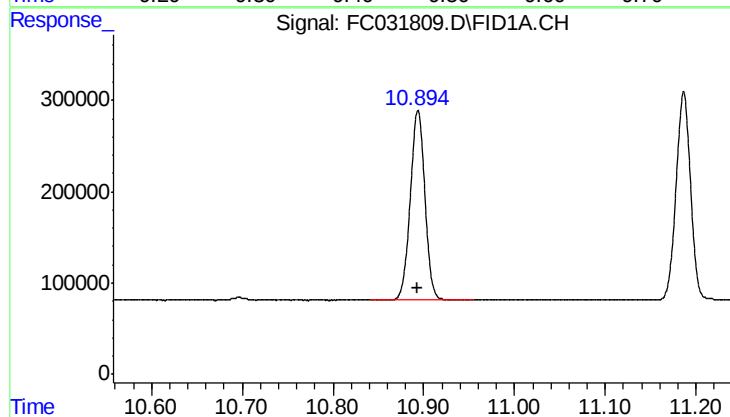
#6 n-Tetradecane (C14)

R.T.: 7.868 min
Delta R.T.: 0.000 min
Response: 2430932
Conc: 20.04 ug/ml



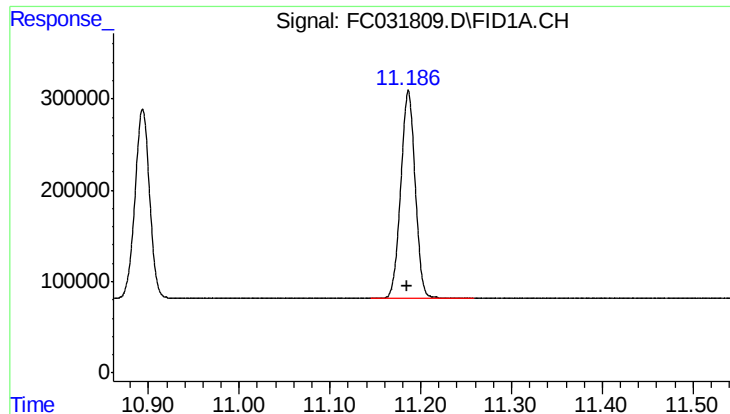
#7 n-Hexadecane (C16)

R.T.: 9.460 min
Delta R.T.: 0.000 min
Response: 2393550
Conc: 19.91 ug/ml



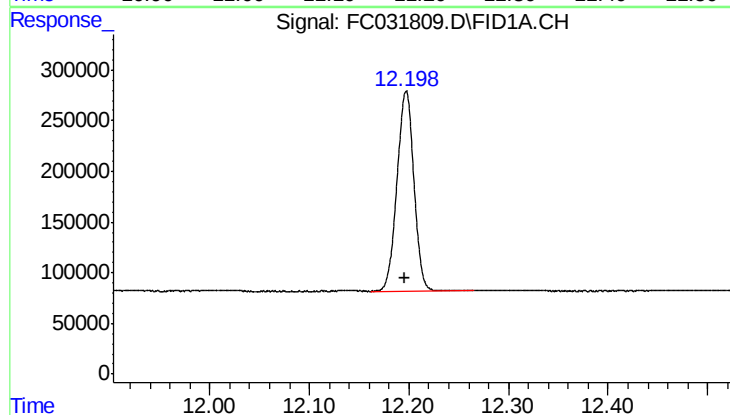
#8 n-Octadecane (C18)

R.T.: 10.894 min
Delta R.T.: 0.000 min
Response: 2323149
Conc: 19.74 ug/ml



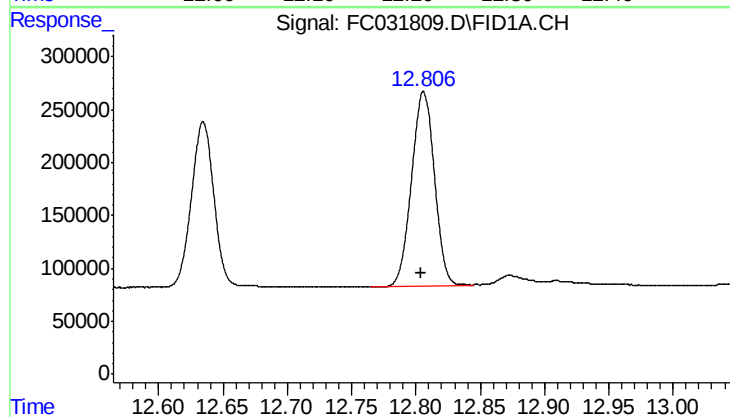
#9 ortho-Terphenyl (SURR)

R.T.: 11.186 min
Delta R.T.: 0.001 min
Response: 2520137
Conc: 19.62 ug/ml



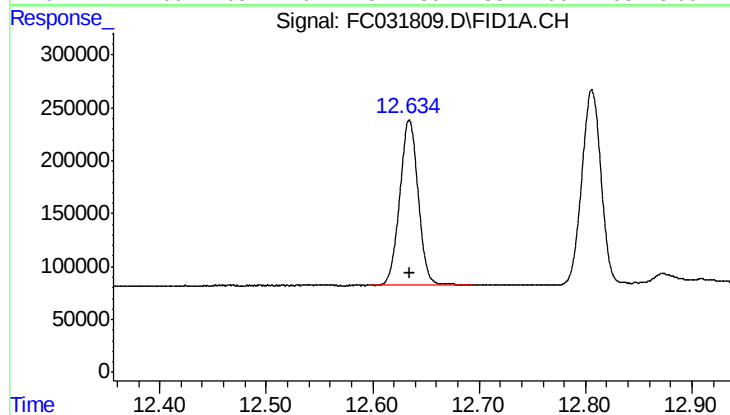
#10 n-Eicosane (C20)

R.T.: 12.197 min
Delta R.T.: 0.002 min
Response: 2330715
Conc: 19.75 ug/ml



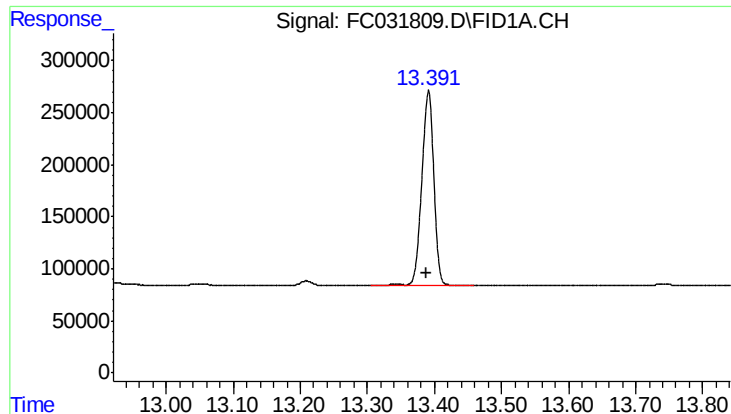
#11 n-Heneicosane (C21)

R.T.: 12.806 min
Delta R.T.: 0.002 min
Response: 2284420
Conc: 19.53 ug/ml



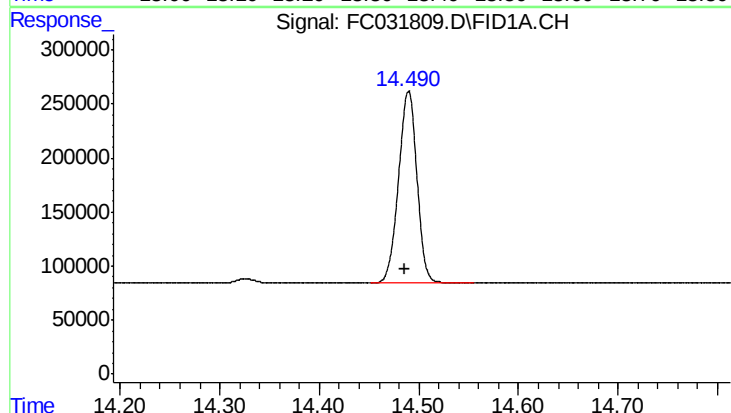
#12 1-chlorooctadecane (SURR)

R.T.: 12.635 min
Delta R.T.: 0.000 min
Response: 1883013
Conc: 20.16 ug/ml



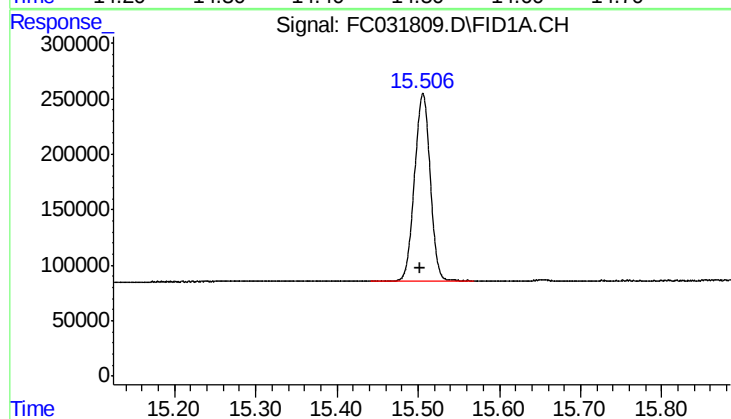
#13 n-Docosane (C22)

R.T.: 13.391 min
Delta R.T.: 0.003 min
Response: 2346790
Conc: 20.09 ug/ml



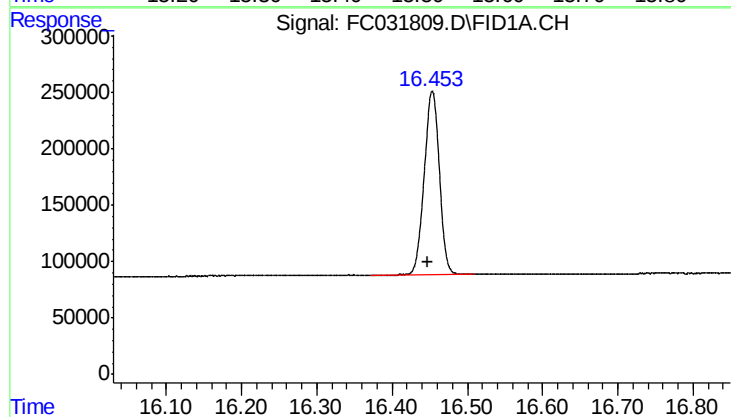
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: 0.004 min
Response: 2269954
Conc: 19.81 ug/ml



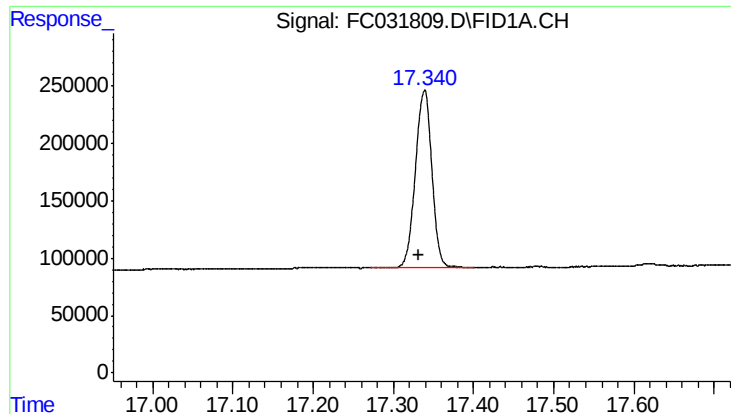
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.003 min
Response: 2262884
Conc: 19.86 ug/ml



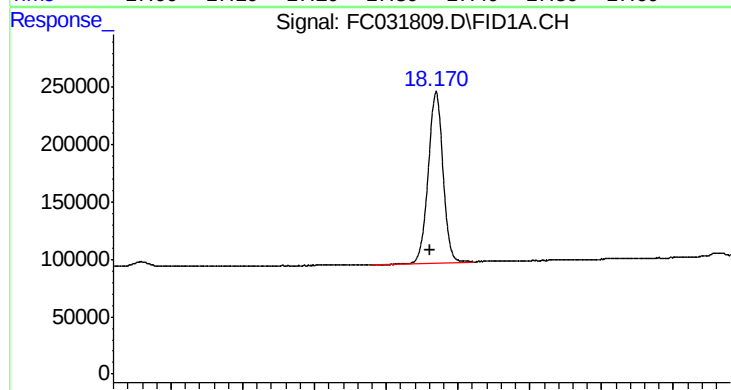
#16 n-Octacosane (C28)

R.T.: 16.453 min
Delta R.T.: 0.006 min
Response: 2270240
Conc: 19.73 ug/ml



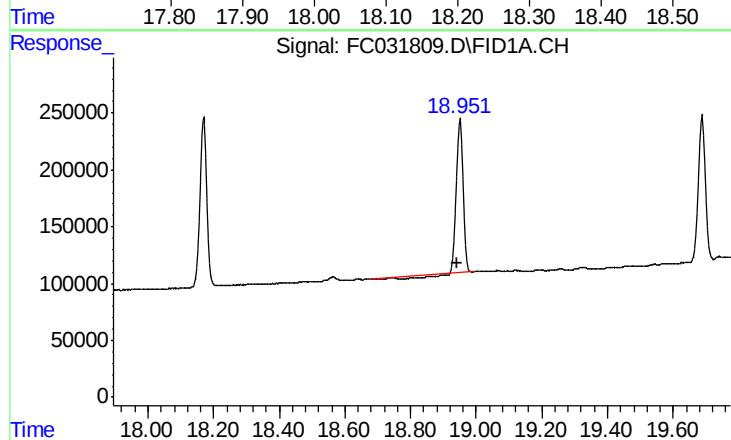
#17 n-Tricontane (C30)

R.T.: 17.339 min
Delta R.T.: 0.006 min
Response: 2201135
Conc: 19.72 ug/ml



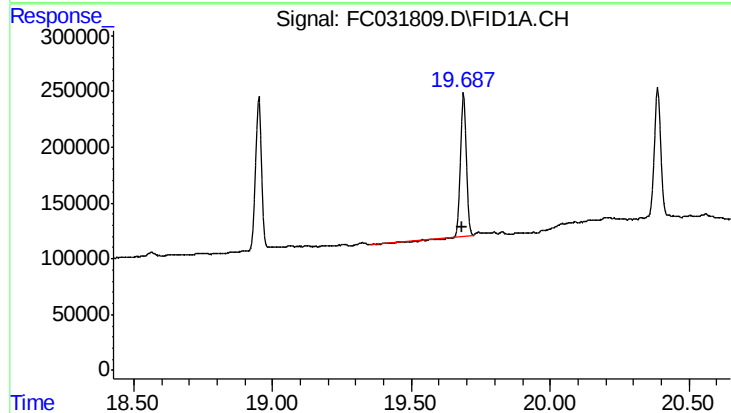
#18 n-Dotriacontane (C32)

R.T.: 18.169 min
Delta R.T.: 0.008 min
Response: 2113925
Conc: 19.29 ug/ml



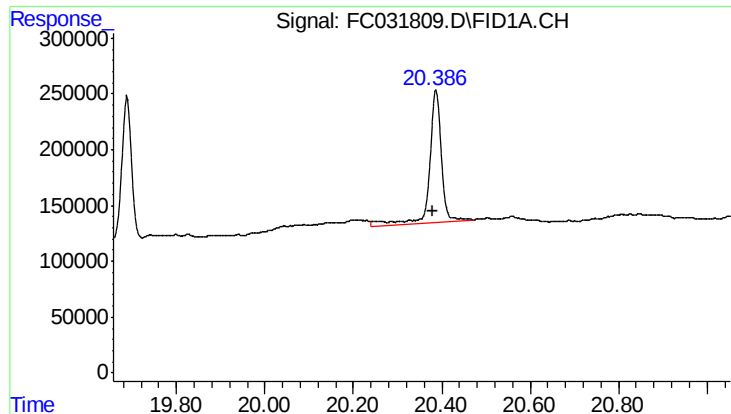
#19 n-Tetratriacontane (C34)

R.T.: 18.951 min
Delta R.T.: 0.008 min
Response: 1826101
Conc: 17.66 ug/ml



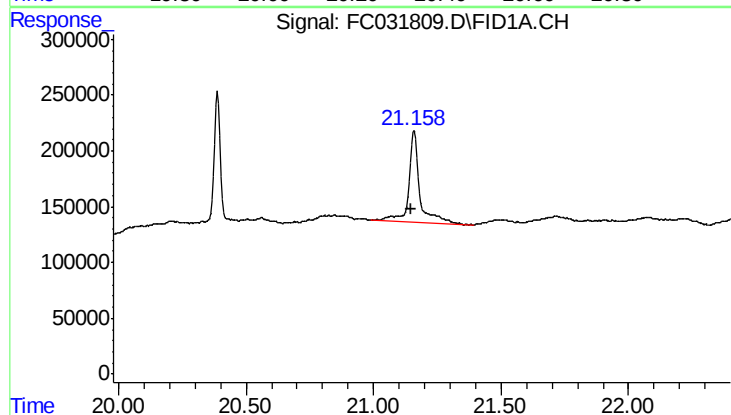
#20 n-Hexatriacontane (C36)

R.T.: 19.688 min
Delta R.T.: 0.006 min
Response: 1774550
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.387 min
Delta R.T.: 0.007 min
Response: 2195276
Conc: 23.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.158 min
Delta R.T.: 0.009 min
Response: 2462280
Conc: 27.78 ug/ml