

Data Path : P:\HPCHEM1\FID C\Data\FC012918AL\
 Data File : FC032076.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2018 10:16
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 15:29:05 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Alaphatic 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)	11.174	2865924	22.310 ug/ml
Spiked Amount 50.000		Recovery =	44.62%
12) S 1-chlorooctadecane (S...	12.624	2137687	22.885 ug/ml
Spiked Amount 50.000		Recovery =	45.77%
Target Compounds			
1) T n-Nonane (C9)	3.022	2594711	21.052 ug/ml
2) T n-Decane (C10)	4.072	2647268	21.775 ug/ml
3) T A-Naphthalene (C11.7)	5.625	2839341	22.020 ug/ml
4) T n-Dodecane (C12)	6.074	2692689	22.155 ug/ml
5) T A-2-methylnaphthalene...	6.673	2836214	22.586 ug/ml
6) T n-Tetradecane (C14)	7.857	2683467	22.120 ug/ml
7) T n-Hexadecane (C16)	9.448	2673213	22.240 ug/ml
8) T n-Octadecane (C18)	10.882	2626778	22.325 ug/ml
10) T n-Eicosane (C20)	12.186	2657794	22.517 ug/ml
11) T n-Heneicosane (C21)	12.794	2635120	22.527 ug/ml
13) T n-Docosane (C22)	13.379	2651152	22.701 ug/ml
14) T n-Tetracosane (C24)	14.477	2674759	23.344 ug/ml
15) T n-Hexacosane (C26)	15.496	2654739	23.302 ug/ml
16) T n-Octacosane (C28)	16.443	2696464	23.433 ug/ml
17) T n-Tricontane (C30)	17.328	2677248	23.989 ug/ml
18) T n-Dotriacontane (C32)	18.158	2566567	23.421 ug/ml
19) T n-Tetratriacontane (C34)	18.941	2411350	23.320 ug/mlm
20) T n-Hexatriacontane (C36)	19.678	2189412	22.704 ug/mlm
21) T n-Octatriacontane (C38)	20.377	2039283	22.153 ug/mlm
22) T n-Tetracontane (C40)	21.144	1691327	19.083 ug/ml

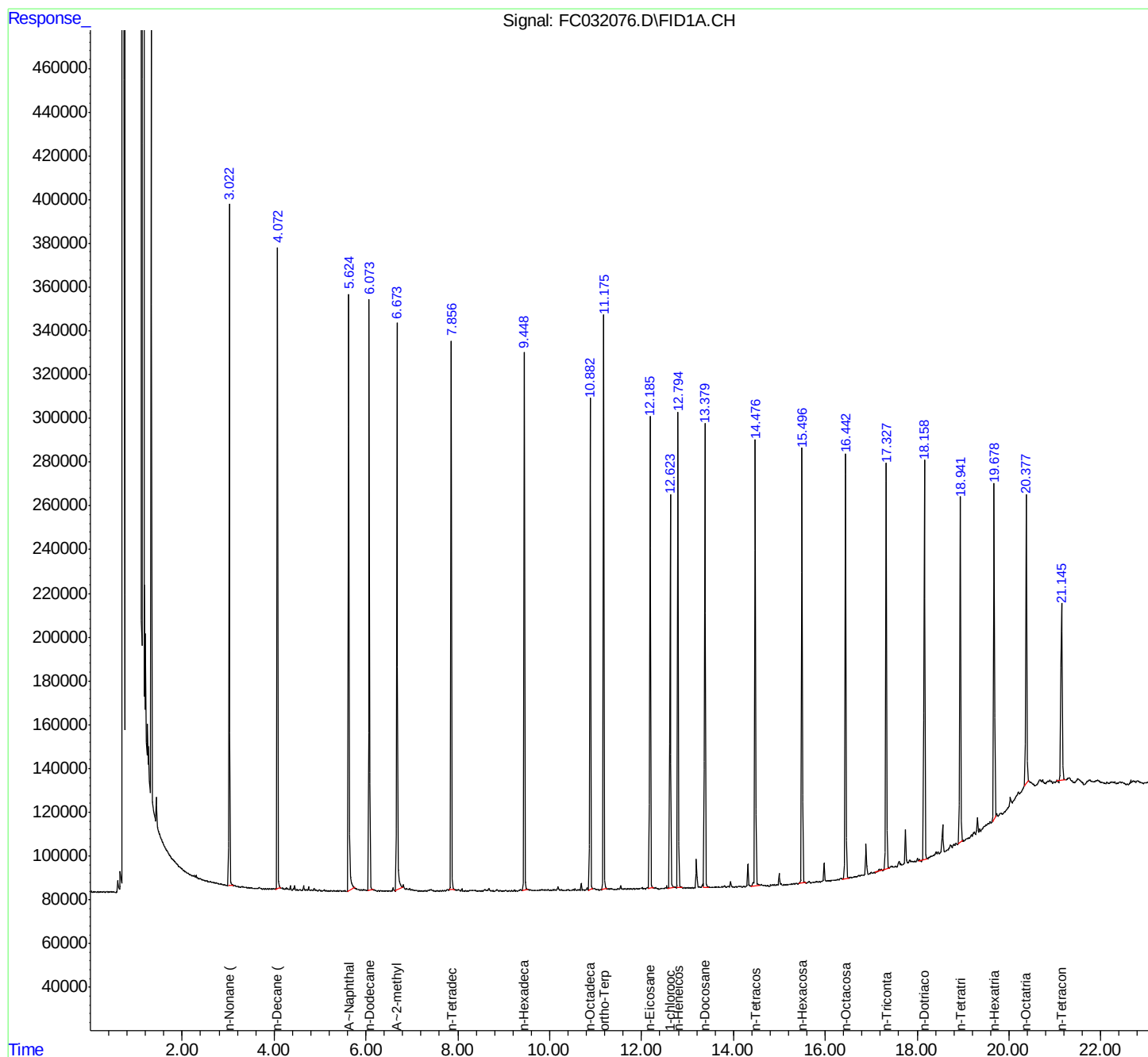
(f)=RT Delta > 1/2 Window

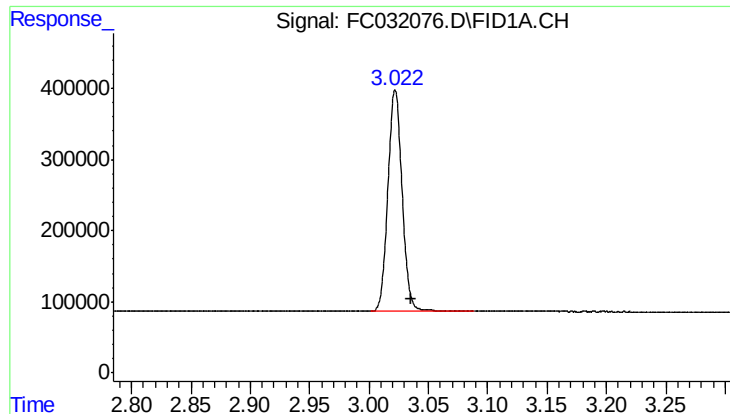
(m)=manual int.

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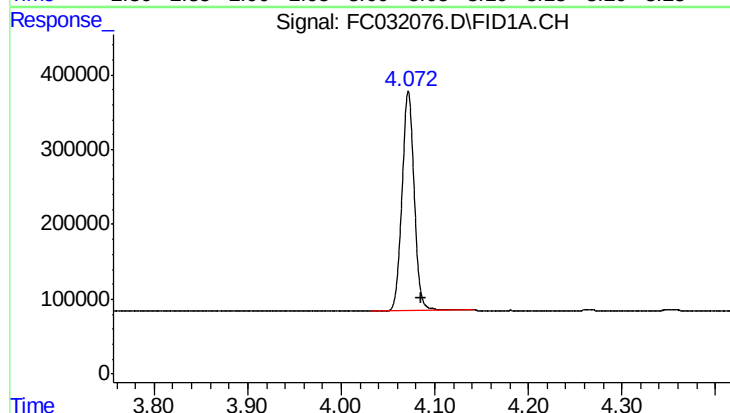
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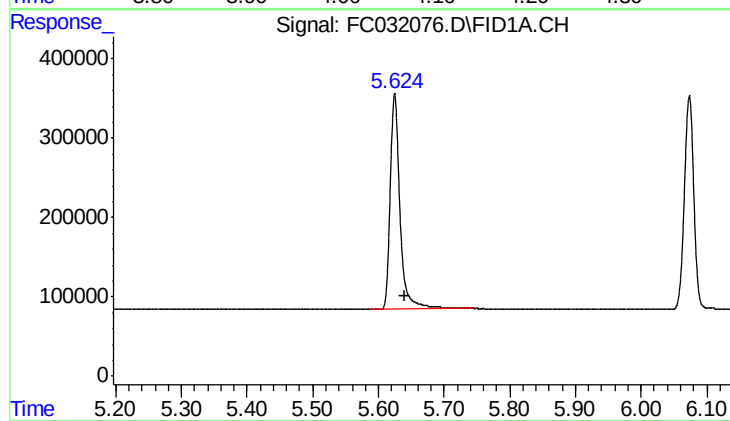
#1 n-Nonane (C9)

R.T.: 3.022 min
Delta R.T.: -0.013 min
Response: 2594711
Conc: 21.05 ug/ml



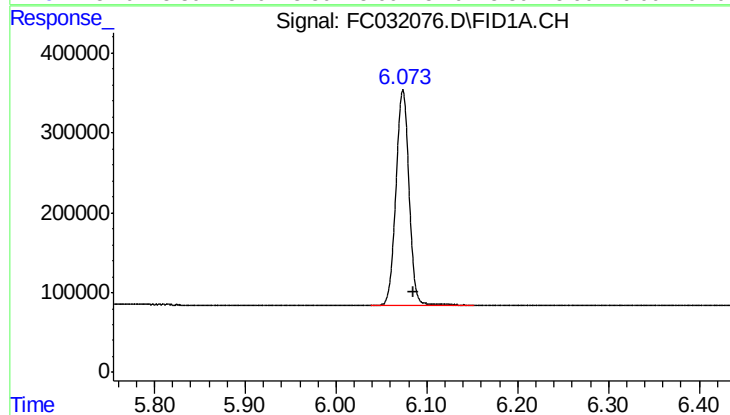
#2 n-Decane (C10)

R.T.: 4.072 min
Delta R.T.: -0.013 min
Response: 2647268
Conc: 21.77 ug/ml



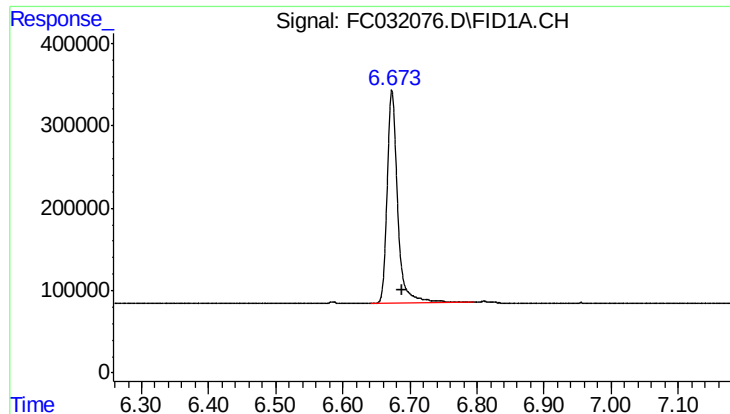
#3 A-Naphthalene (C11.7)

R.T.: 5.625 min
Delta R.T.: -0.016 min
Response: 2839341
Conc: 22.02 ug/ml



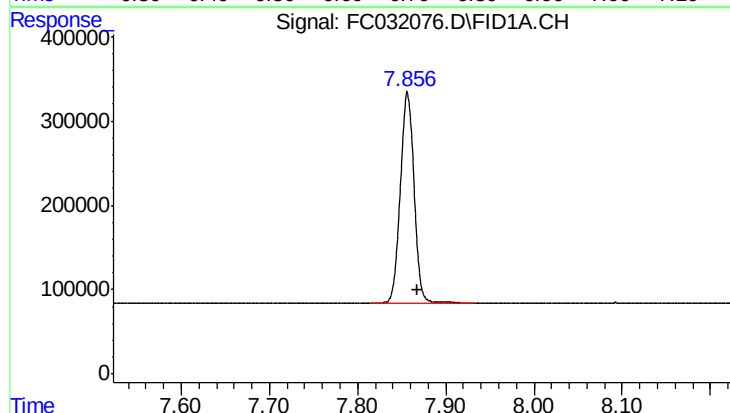
#4 n-Dodecane (C12)

R.T.: 6.074 min
Delta R.T.: -0.012 min
Response: 2692689
Conc: 22.16 ug/ml



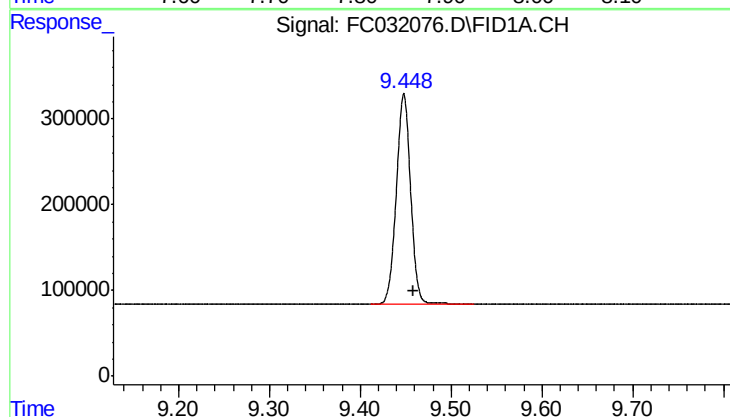
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.673 min
Delta R.T.: -0.015 min
Response: 2836214
Conc: 22.59 ug/ml



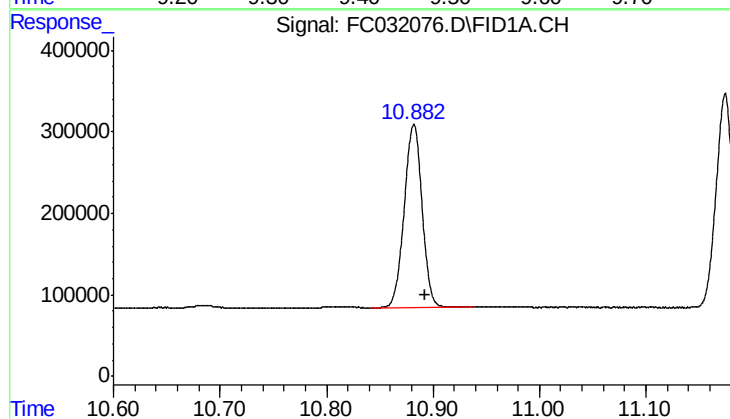
#6 n-Tetradecane (C14)

R.T.: 7.857 min
Delta R.T.: -0.012 min
Response: 2683467
Conc: 22.12 ug/ml



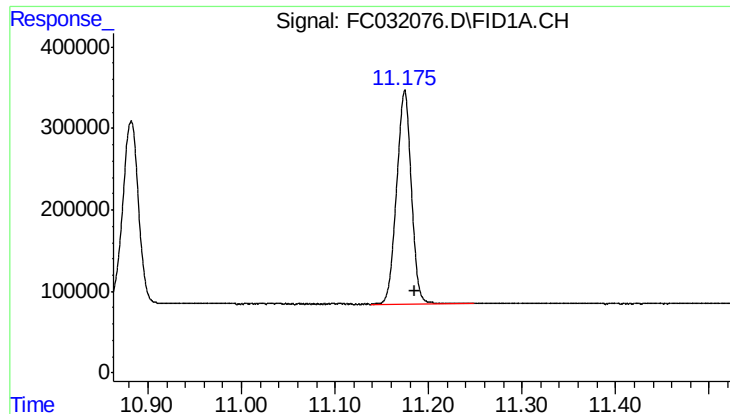
#7 n-Hexadecane (C16)

R.T.: 9.448 min
Delta R.T.: -0.011 min
Response: 2673213
Conc: 22.24 ug/ml



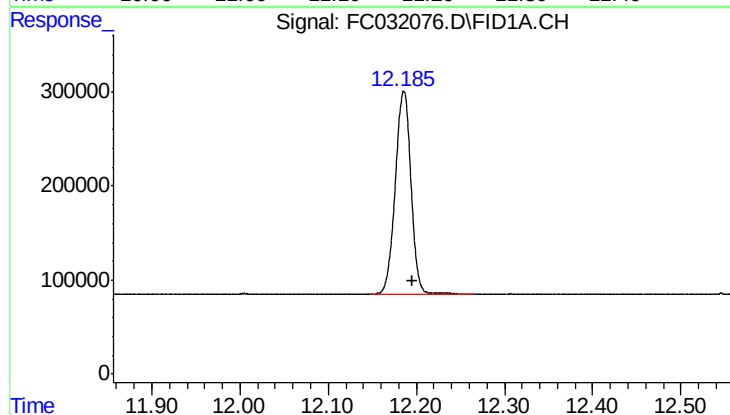
#8 n-Octadecane (C18)

R.T.: 10.882 min
Delta R.T.: -0.011 min
Response: 2626778
Conc: 22.33 ug/ml



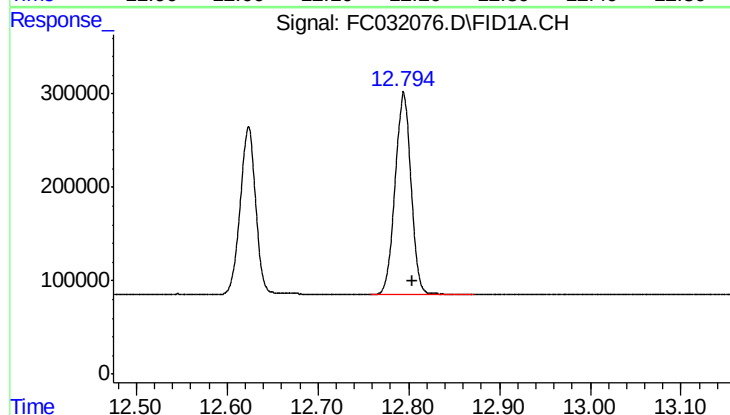
#9 ortho-Terphenyl (SURR)

R.T.: 11.174 min
Delta R.T.: -0.011 min
Response: 2865924
Conc: 22.31 ug/ml



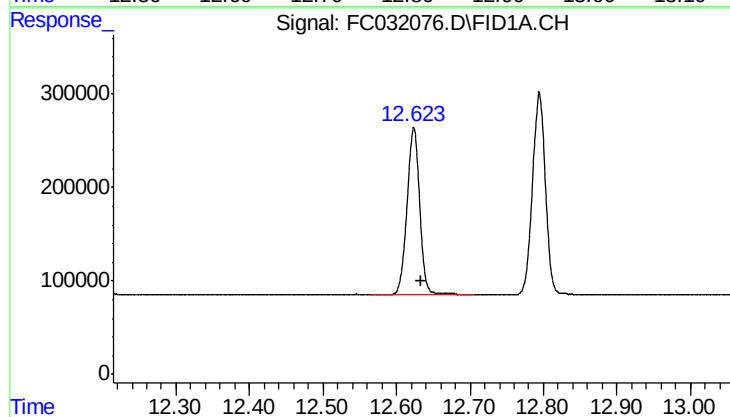
#10 n-Eicosane (C20)

R.T.: 12.186 min
Delta R.T.: -0.010 min
Response: 2657794
Conc: 22.52 ug/ml



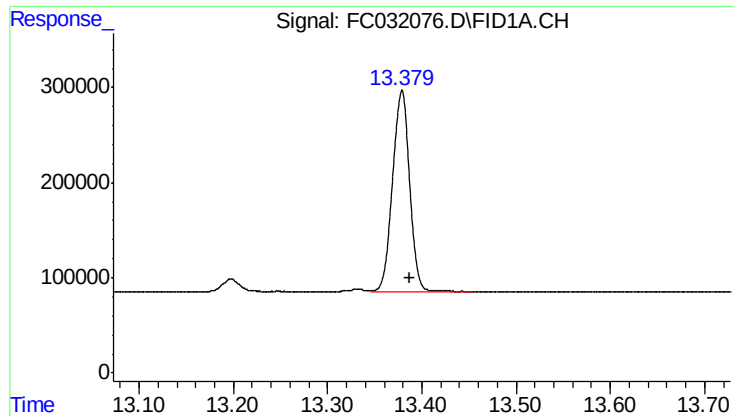
#11 n-Heneicosane (C21)

R.T.: 12.794 min
Delta R.T.: -0.010 min
Response: 2635120
Conc: 22.53 ug/ml



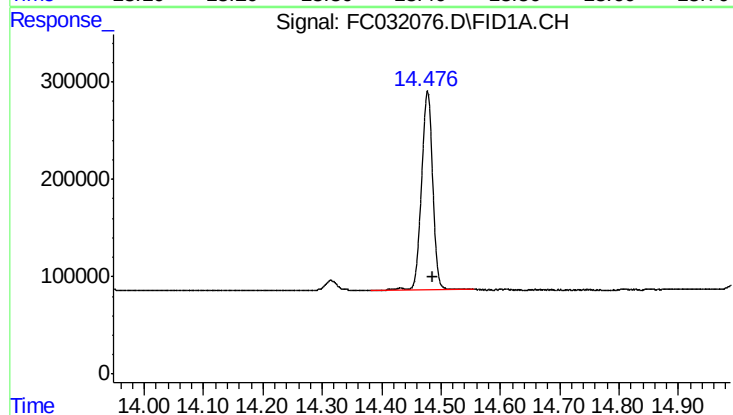
#12 1-chlorooctadecane (SURR)

R.T.: 12.624 min
Delta R.T.: -0.011 min
Response: 2137687
Conc: 22.89 ug/ml



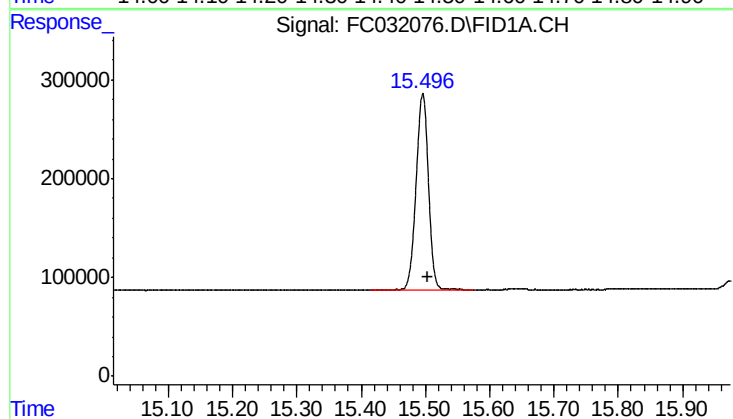
#13 n-Docosane (C22)

R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 2651152
Conc: 22.70 ug/ml



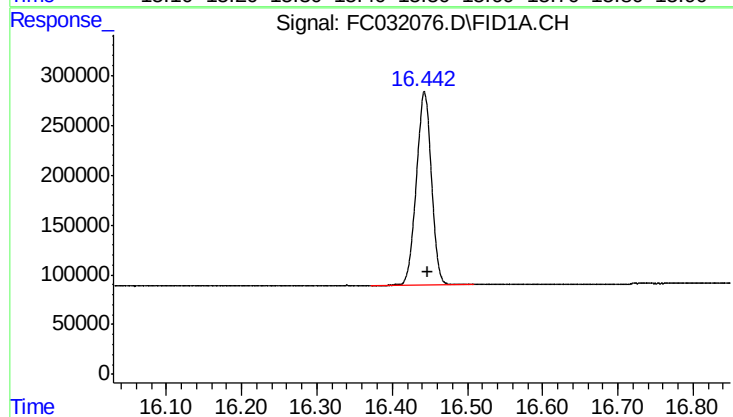
#14 n-Tetracosane (C24)

R.T.: 14.477 min
Delta R.T.: -0.008 min
Response: 2674759
Conc: 23.34 ug/ml



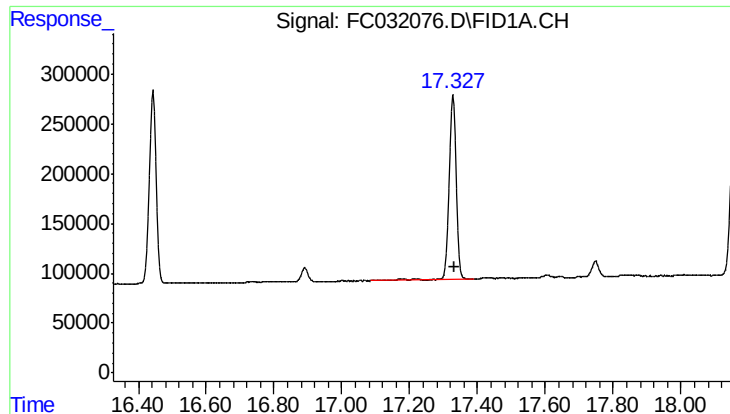
#15 n-Hexacosane (C26)

R.T.: 15.496 min
Delta R.T.: -0.007 min
Response: 2654739
Conc: 23.30 ug/ml



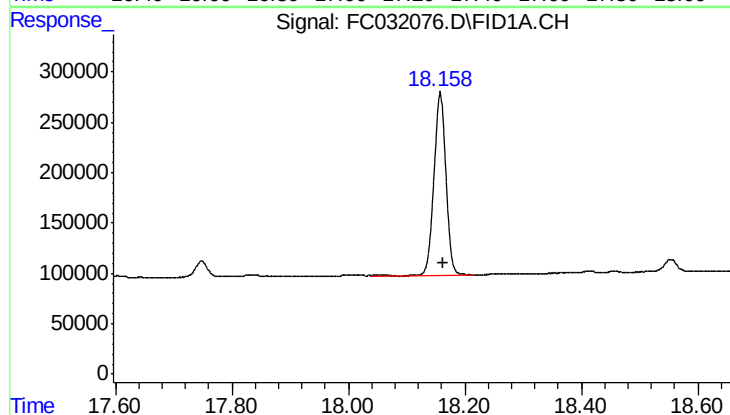
#16 n-Octacosane (C28)

R.T.: 16.443 min
Delta R.T.: -0.005 min
Response: 2696464
Conc: 23.43 ug/ml



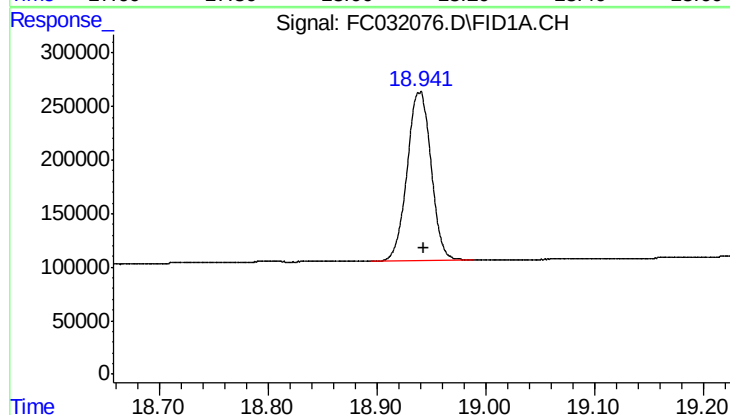
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.005 min
Response: 2677248
Conc: 23.99 ug/ml



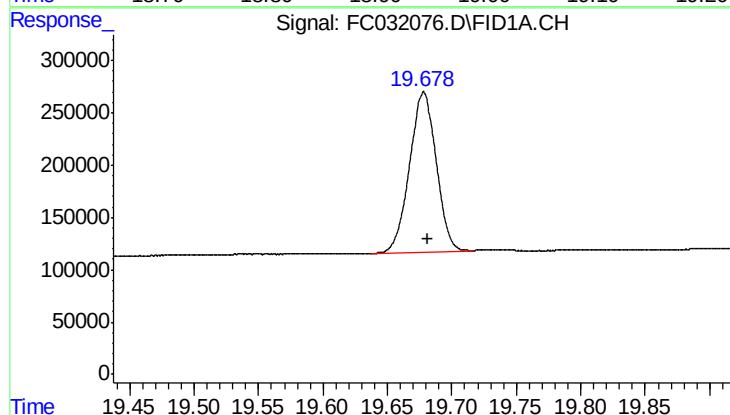
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: -0.004 min
Response: 2566567
Conc: 23.42 ug/ml



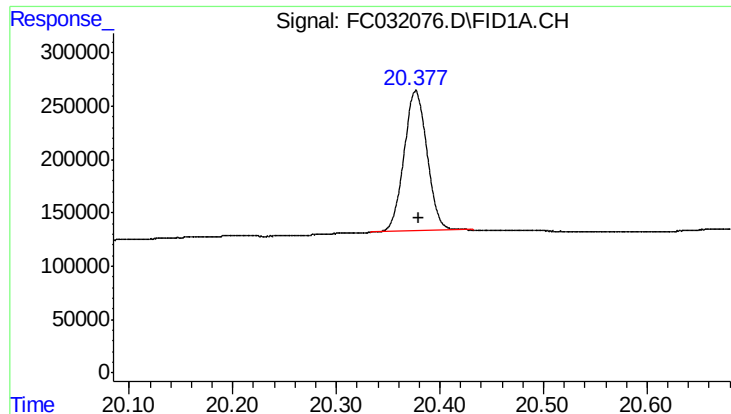
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: -0.002 min
Response: 2411350
Conc: 23.32 ug/ml m



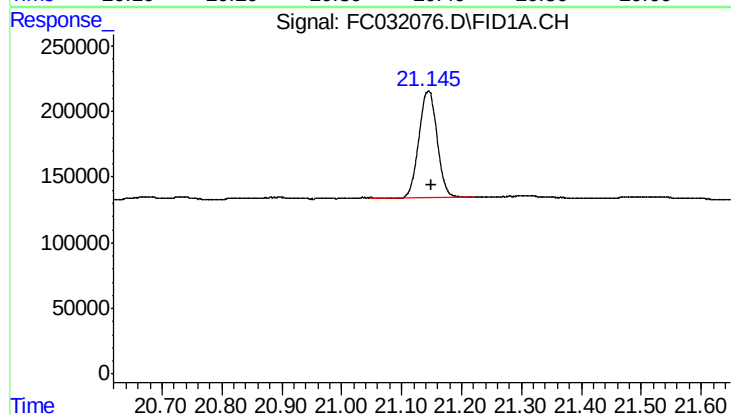
#20 n-Hexatriacontane (C36)

R.T.: 19.678 min
Delta R.T.: -0.004 min
Response: 2189412
Conc: 22.70 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: -0.003 min
Response: 2039283
Conc: 22.15 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.144 min
Delta R.T.: -0.005 min
Response: 1691327
Conc: 19.08 ug/ml