

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 14:07:21 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)	11.175	2739469	21.325 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
12) S 1-chlorooctadecane (S...	12.624	2059490	22.048 ug/ml
Spiked Amount 50.000		Recovery =	44.10%
Target Compounds			
1) T n-Nonane (C9)	3.022	2571002	20.860 ug/ml
2) T n-Decane (C10)	4.072	2578022	21.205 ug/ml
3) T A-Naphthalene (C11.7)	5.625	2705220	20.980 ug/ml
4) T n-Dodecane (C12)	6.074	2557534	21.043 ug/ml
5) T A-2-methylnaphthalene...	6.673	2704716	21.539 ug/ml
6) T n-Tetradecane (C14)	7.856	2559237	21.096 ug/ml
7) T n-Hexadecane (C16)	9.448	2525197	21.008 ug/ml
8) T n-Octadecane (C18)	10.882	2521575	21.431 ug/ml
10) T n-Eicosane (C20)	12.186	2565335	21.733 ug/ml
11) T n-Heneicosane (C21)	12.795	2569163	21.963 ug/ml
13) T n-Docosane (C22)	13.379	2603692	22.294 ug/ml
14) T n-Tetracosane (C24)	14.478	2657626	23.194 ug/ml
15) T n-Hexacosane (C26)	15.496	2745276	24.096 ug/ml
16) T n-Octacosane (C28)	16.443	2971688	25.824 ug/ml
17) T n-Tricontane (C30)	17.328	3265567	29.261 ug/ml
18) T n-Dotriacontane (C32)	18.158	3466296	31.631 ug/ml
19) T n-Tetratriacontane (C34)	18.940	3758843	36.352 ug/ml
20) T n-Hexatriacontane (C36)	19.678	4138373	42.915 ug/ml
21) T n-Octatriacontane (C38)	20.377	7430339	80.718 ug/ml
22) T n-Tetracontane (C40)	21.145	5121261	57.783 ug/ml

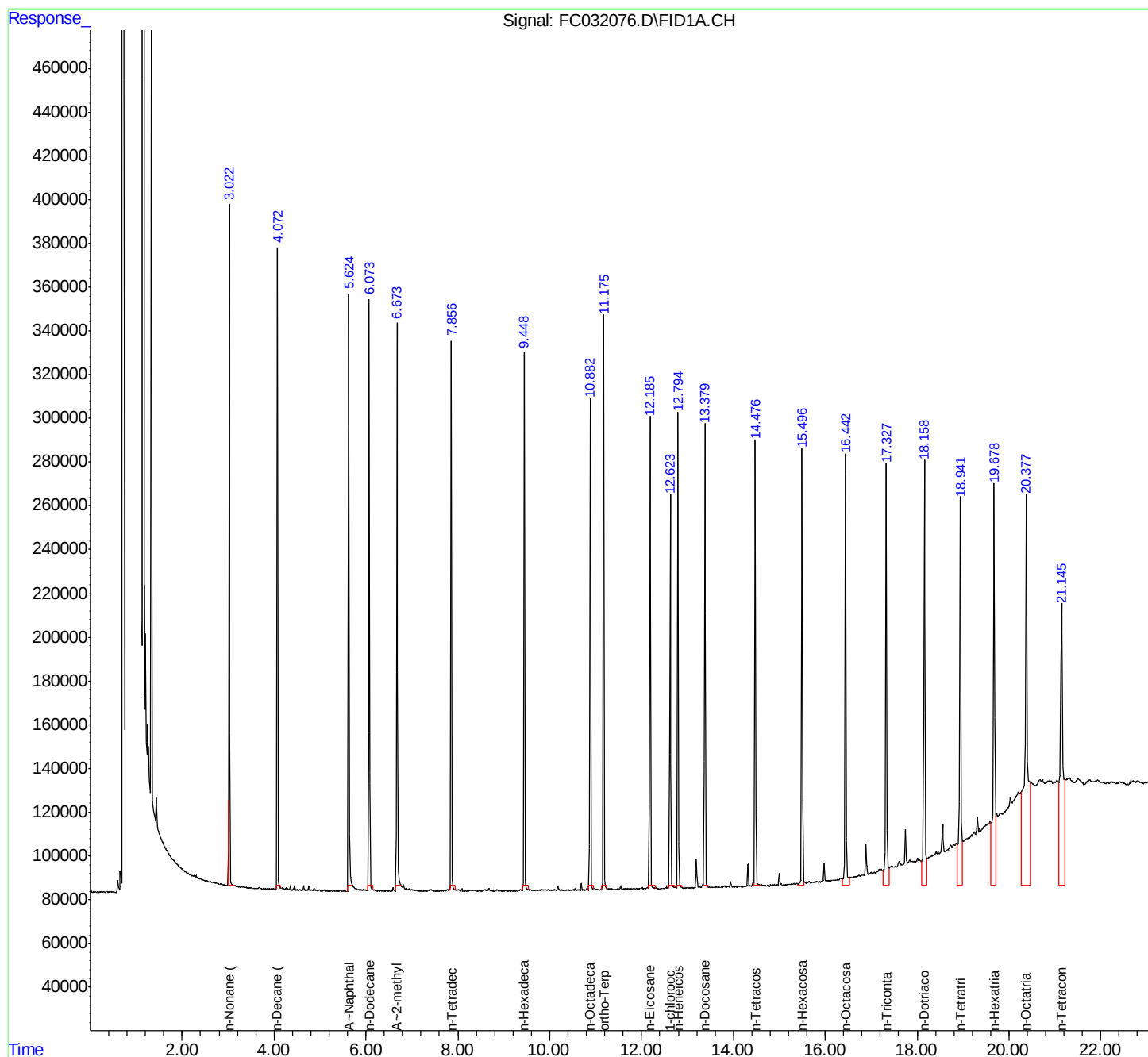
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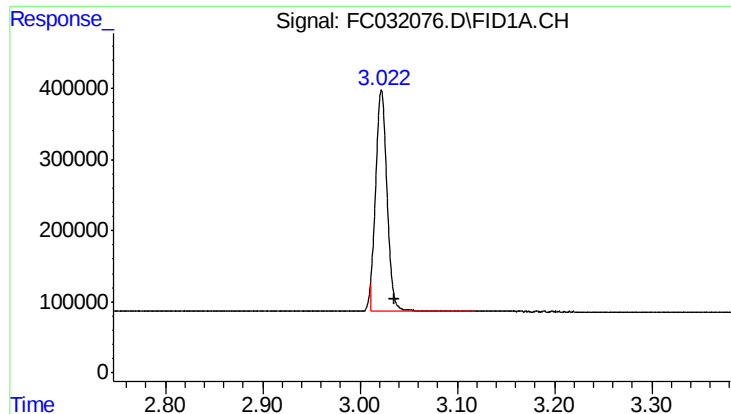
(m)=manual int.

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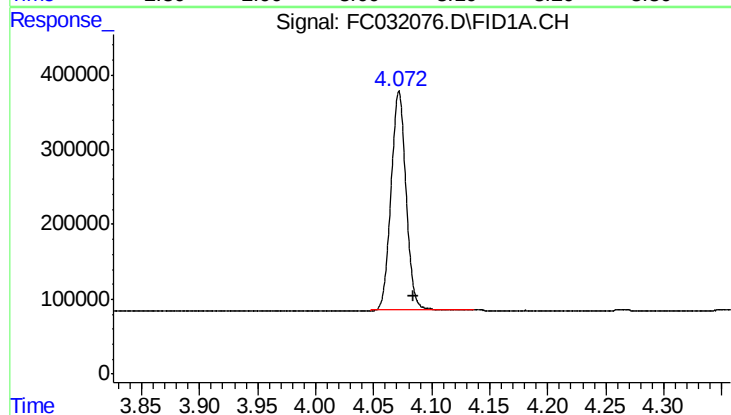
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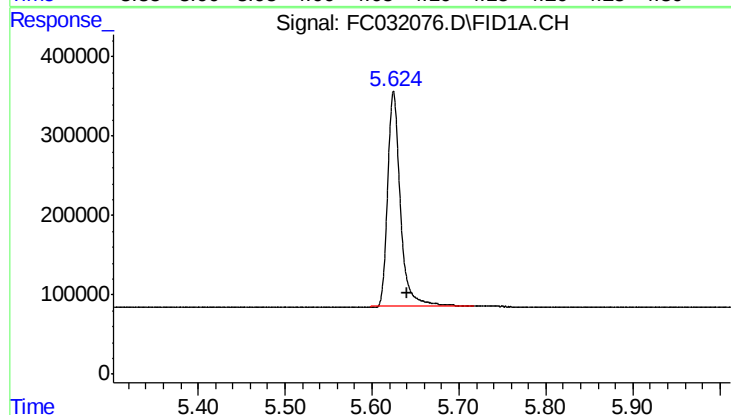
#1 n-Nonane (C9)

R.T.: 3.022 min
Delta R.T.: -0.013 min
Response: 2571002
Conc: 20.86 ug/ml



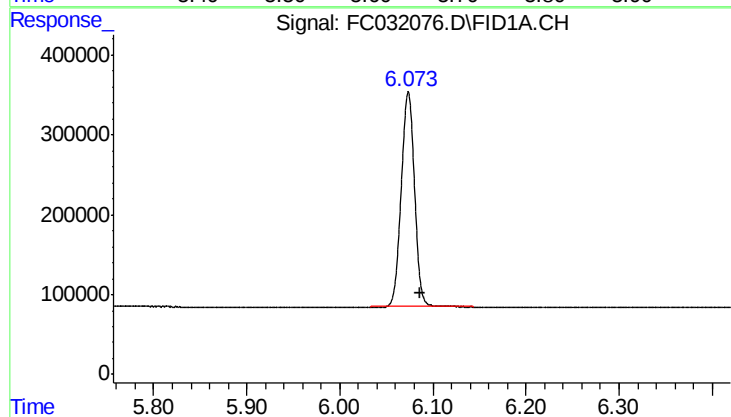
#2 n-Decane (C10)

R.T.: 4.072 min
Delta R.T.: -0.013 min
Response: 2578022
Conc: 21.20 ug/ml



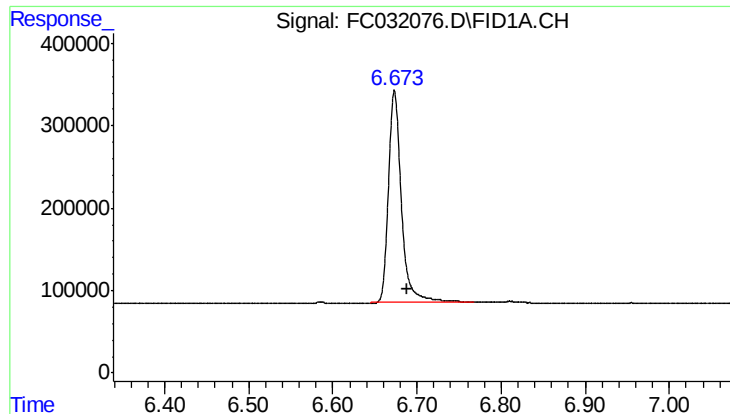
#3 A-Naphthalene (C11.7)

R.T.: 5.625 min
Delta R.T.: -0.016 min
Response: 2705220
Conc: 20.98 ug/ml



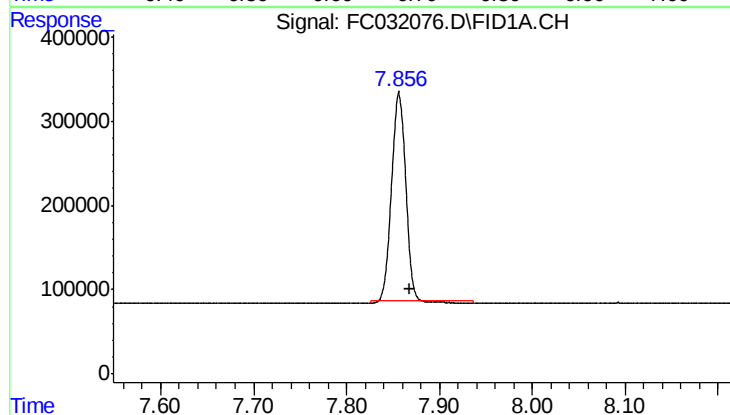
#4 n-Dodecane (C12)

R.T.: 6.074 min
Delta R.T.: -0.012 min
Response: 2557534
Conc: 21.04 ug/ml



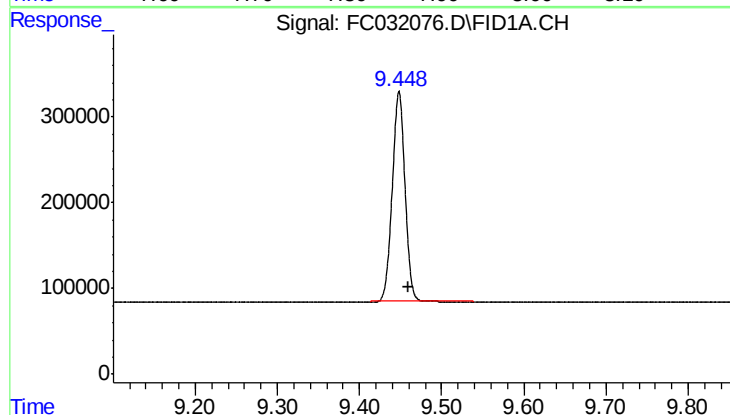
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.673 min
Delta R.T.: -0.016 min
Response: 2704716
Conc: 21.54 ug/ml



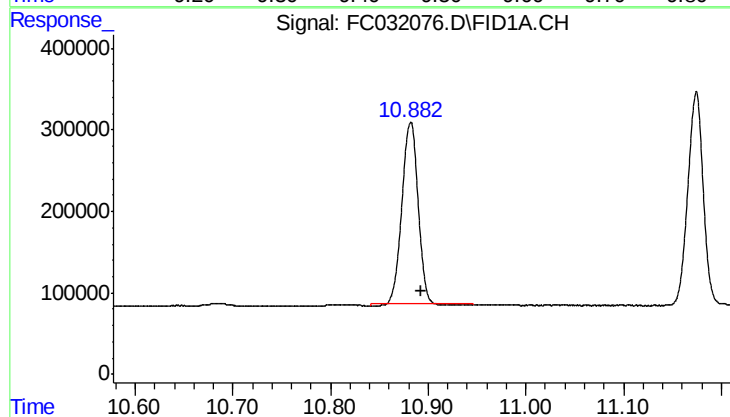
#6 n-Tetradecane (C14)

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 2559237
Conc: 21.10 ug/ml



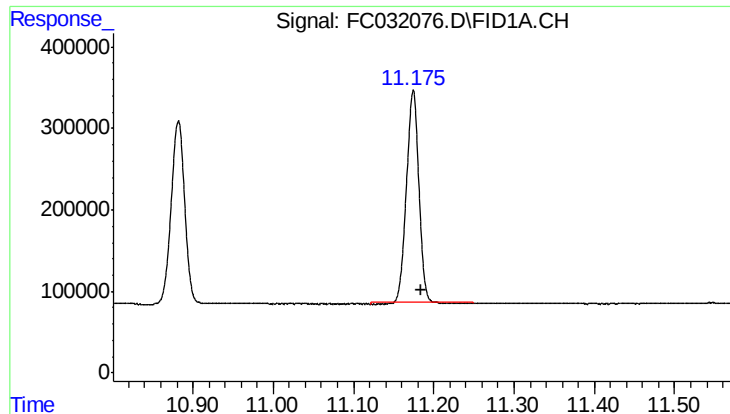
#7 n-Hexadecane (C16)

R.T.: 9.448 min
Delta R.T.: -0.011 min
Response: 2525197
Conc: 21.01 ug/ml



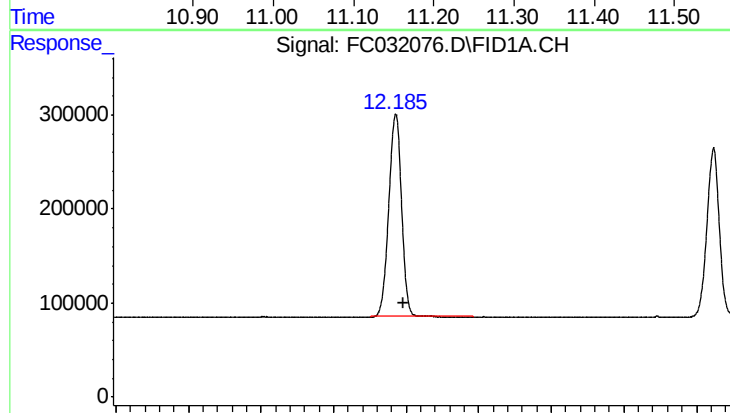
#8 n-Octadecane (C18)

R.T.: 10.882 min
Delta R.T.: -0.011 min
Response: 2521575
Conc: 21.43 ug/ml



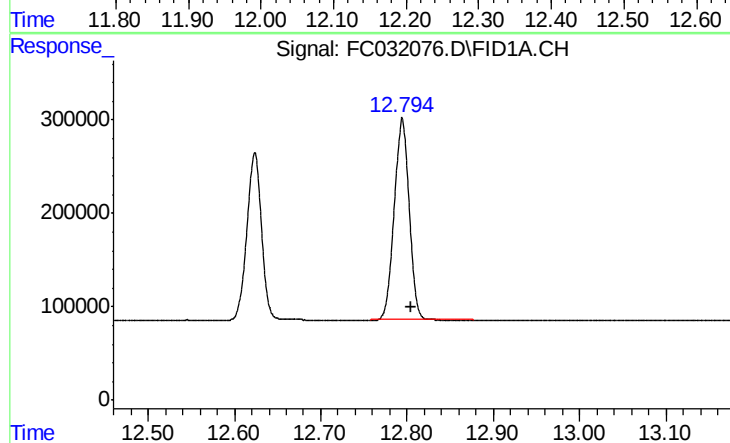
#9 ortho-Terphenyl (SURR)

R.T.: 11.175 min
Delta R.T.: -0.011 min
Response: 2739469
Conc: 21.33 ug/ml



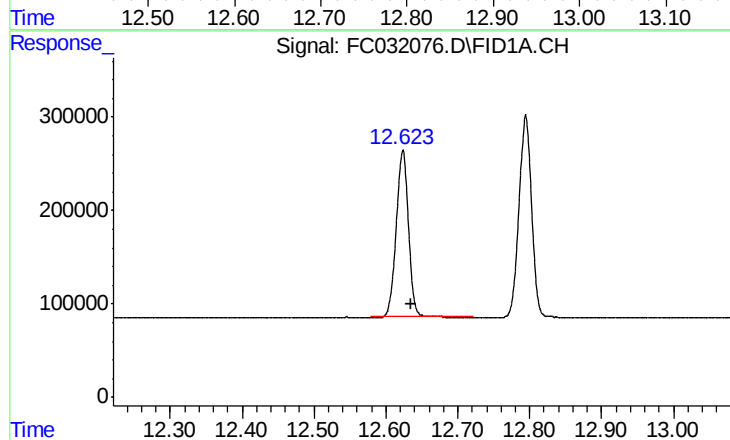
#10 n-Eicosane (C20)

R.T.: 12.186 min
Delta R.T.: -0.009 min
Response: 2565335
Conc: 21.73 ug/ml



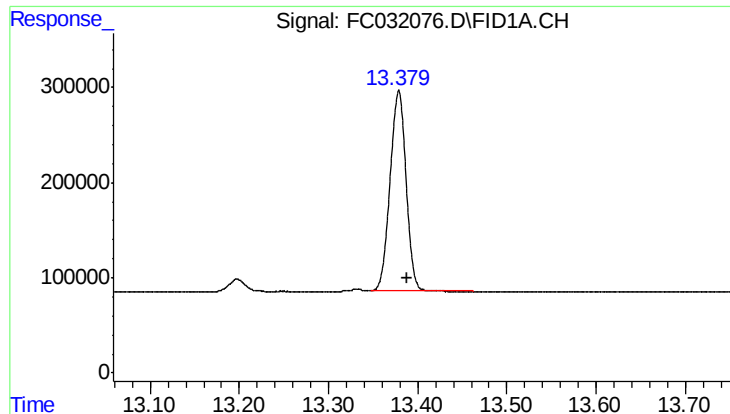
#11 n-Heneicosane (C21)

R.T.: 12.795 min
Delta R.T.: -0.009 min
Response: 2569163
Conc: 21.96 ug/ml



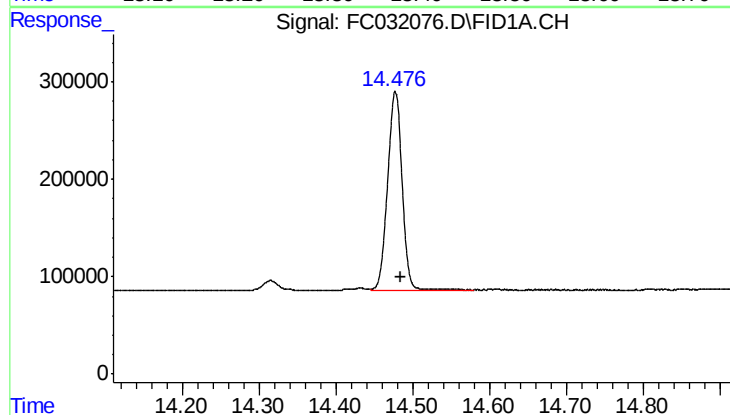
#12 1-chlorooctadecane (SURR)

R.T.: 12.624 min
Delta R.T.: -0.011 min
Response: 2059490
Conc: 22.05 ug/ml



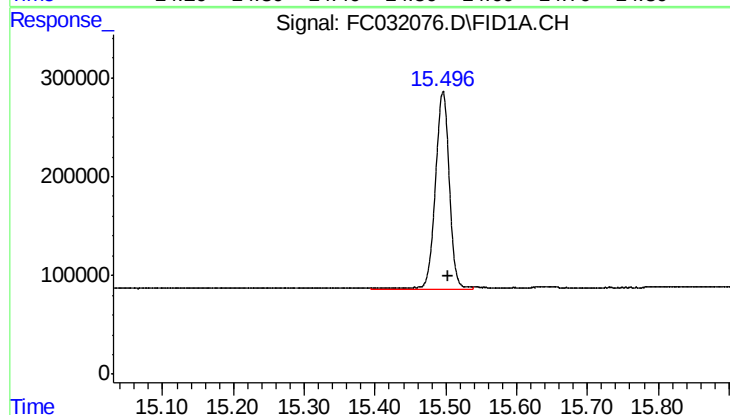
#13 n-Docosane (C22)

R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 2603692
Conc: 22.29 ug/ml



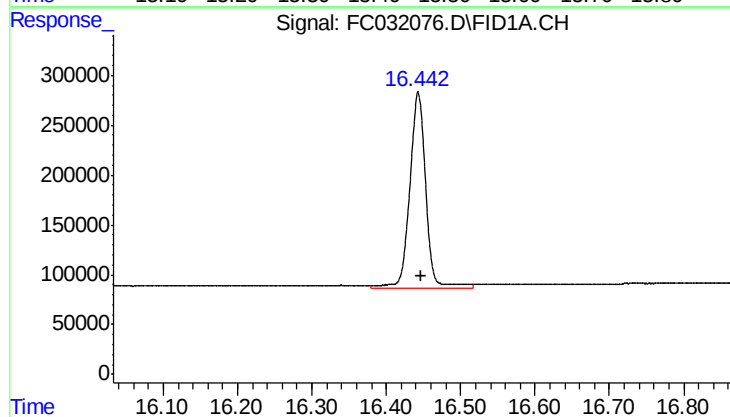
#14 n-Tetracosane (C24)

R.T.: 14.478 min
Delta R.T.: -0.008 min
Response: 2657626
Conc: 23.19 ug/ml



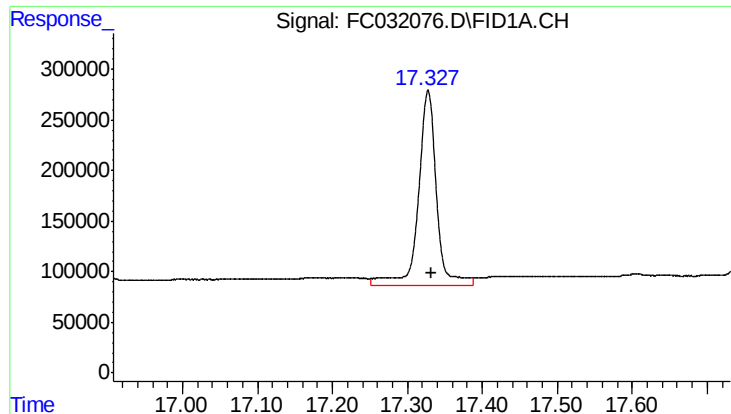
#15 n-Hexacosane (C26)

R.T.: 15.496 min
Delta R.T.: -0.007 min
Response: 2745276
Conc: 24.10 ug/ml



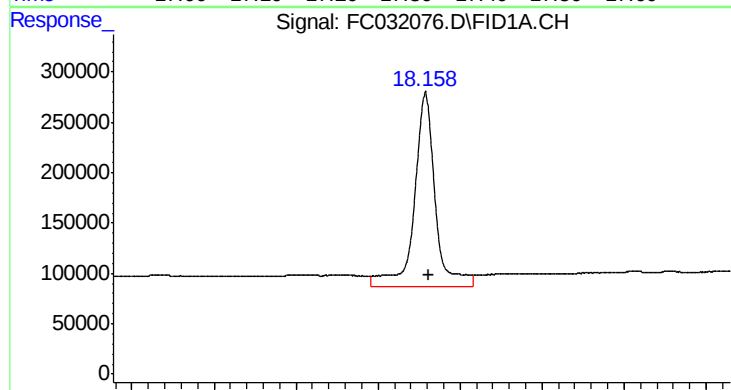
#16 n-Octacosane (C28)

R.T.: 16.443 min
Delta R.T.: -0.005 min
Response: 2971688
Conc: 25.82 ug/ml



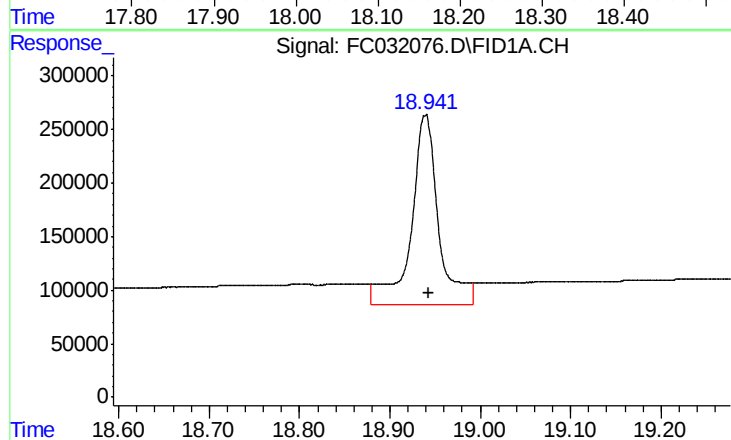
#17 n-Tricontane (C30)

R.T.: 17.328 min
Delta R.T.: -0.005 min
Response: 3265567
Conc: 29.26 ug/ml



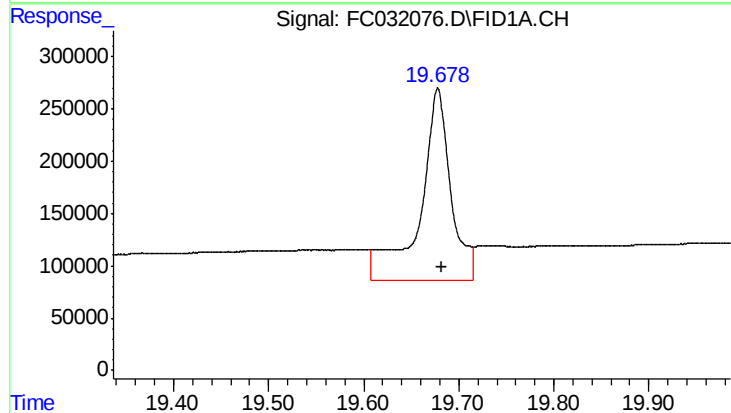
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: -0.004 min
Response: 3466296
Conc: 31.63 ug/ml



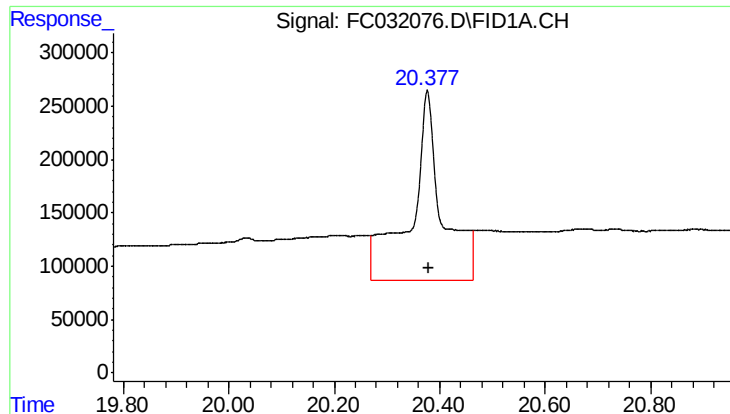
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min
Delta R.T.: -0.003 min
Response: 3758843
Conc: 36.35 ug/ml



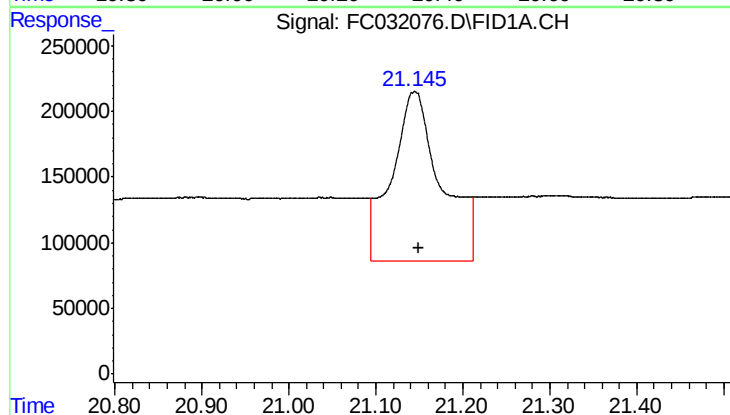
#20 n-Hexatriacontane (C36)

R.T.: 19.678 min
Delta R.T.: -0.003 min
Response: 4138373
Conc: 42.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.377 min
Delta R.T.: -0.003 min
Response: 7430339
Conc: 80.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: -0.004 min
Response: 5121261
Conc: 57.78 ug/ml