

Data Path : P:\HPCHEM1\FID_D\Data\FD042118AL\
 Data File : FD023198.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2018 17:04
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 23 01:31:48 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 041718.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 18 01:21:26 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)	11.164	2586182	19.925 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	12.603	2125562	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.016	2476303	20.120 ug/mlm
2) T n-Decane (C10)	4.064	2509331	20.058 ug/ml
3) T A-Naphthalene (C11.7)	5.627	2552147	20.207 ug/ml
4) T n-Dodecane (C12)	6.063	2574387	20.003 ug/ml
5) T A-2-methylnaphthalene...	6.676	2553890	20.199 ug/ml
6) T n-Tetradecane (C14)	7.844	2580630	19.785 ug/ml
7) T n-Hexadecane (C16)	9.432	2545217	19.721 ug/ml
8) T n-Octadecane (C18)	10.864	2479178	19.823 ug/ml
10) T n-Eicosane (C20)	12.164	2497672	20.093 ug/ml
11) T n-Heneicosane (C21)	12.772	2447924	20.011 ug/ml
13) T n-Docosane (C22)	13.354	2511626	20.705 ug/ml
14) T n-Tetracosane (C24)	14.450	2594412	21.897 ug/mlm
15) T n-Hexacosane (C26)	15.465	2693659	23.132 ug/ml
16) T n-Octacosane (C28)	16.407	2865418	24.328 ug/mlm
17) T n-Tricontane (C30)	17.292	2875849	24.636 ug/ml
18) T n-Dotriacontane (C32)	18.119	2851445	23.568 ug/ml
19) T n-Tetratriacontane (C34)	18.898	2720950	22.417 ug/mlm
20) T n-Hexatriacontane (C36)	19.632	2641198	21.837 ug/mlm
21) T n-Octatriacontane (C38)	20.329	2597189	21.287 ug/mlm
22) T n-Tetracontane (C40)	21.082	2537439	20.122 ug/mlm

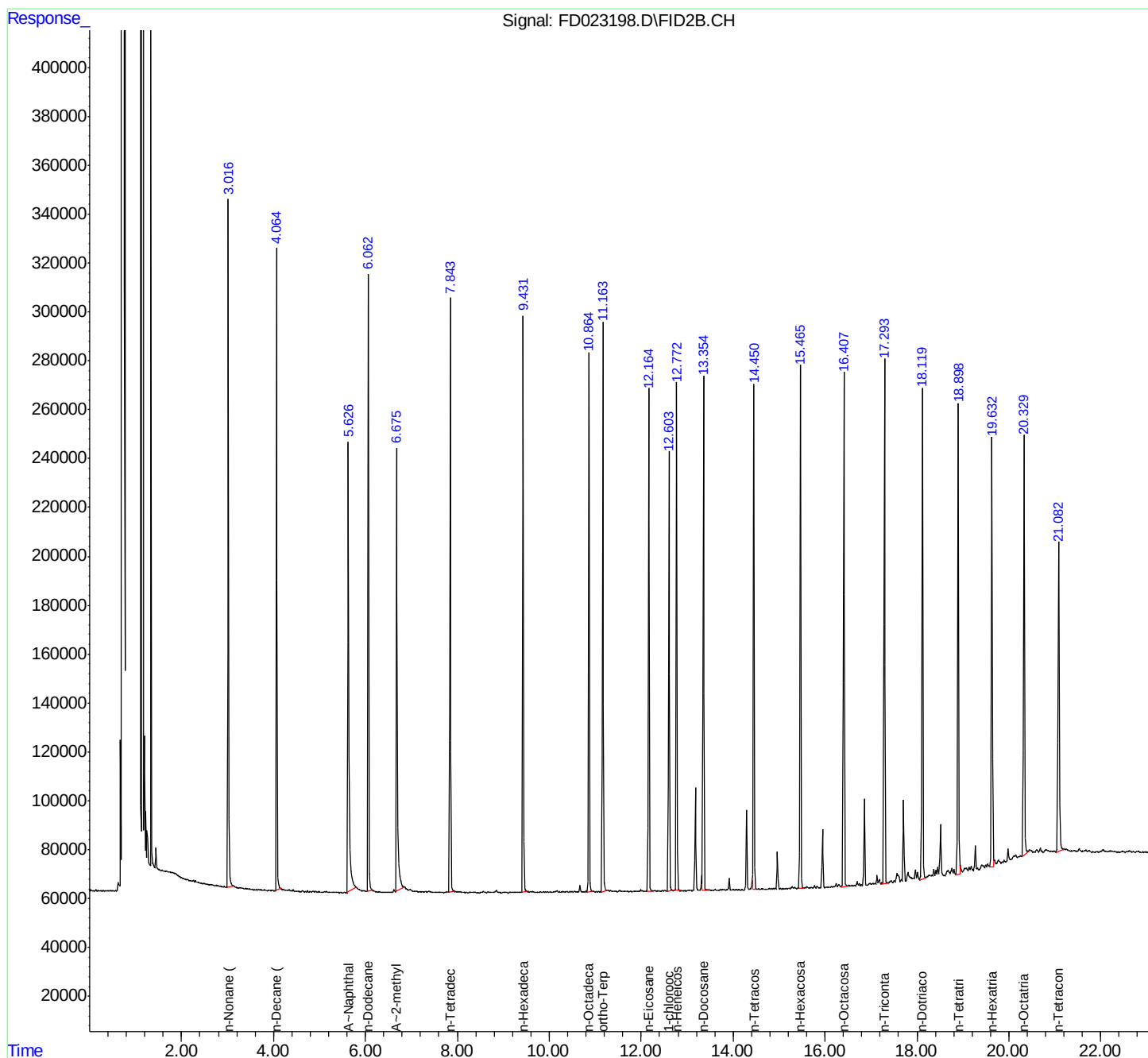
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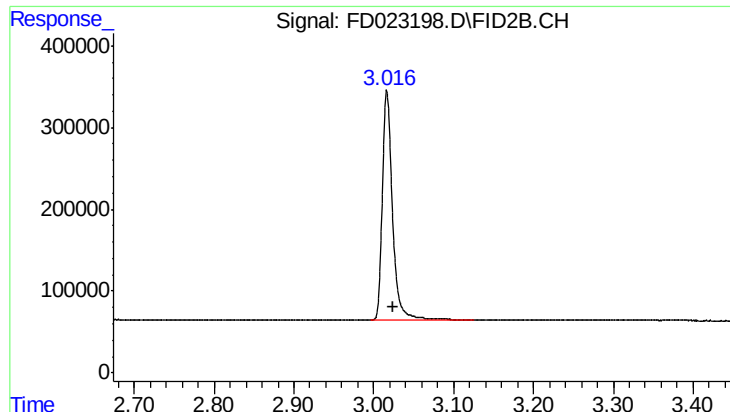
(m)=manual int.

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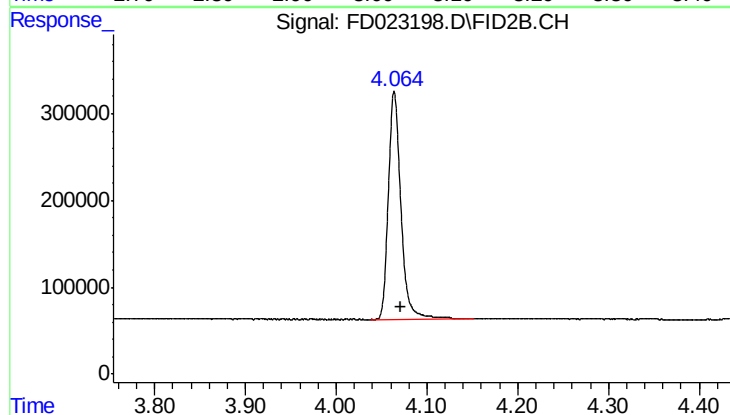
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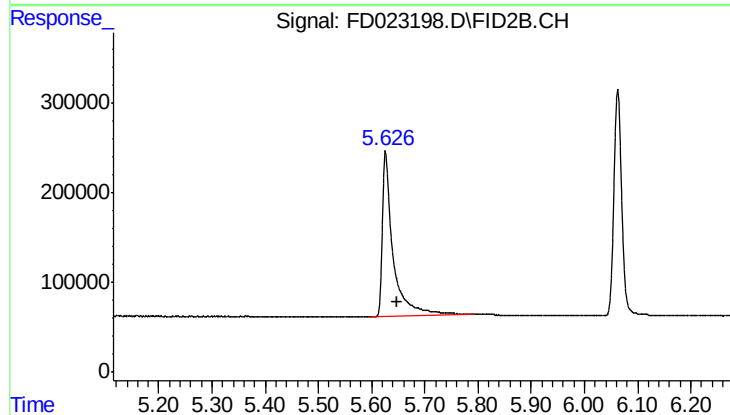
#1 n-Nonane (C9)

R.T.: 3.016 min
Delta R.T.: -0.008 min
Response: 2476303
Conc: 20.12 ug/ml m



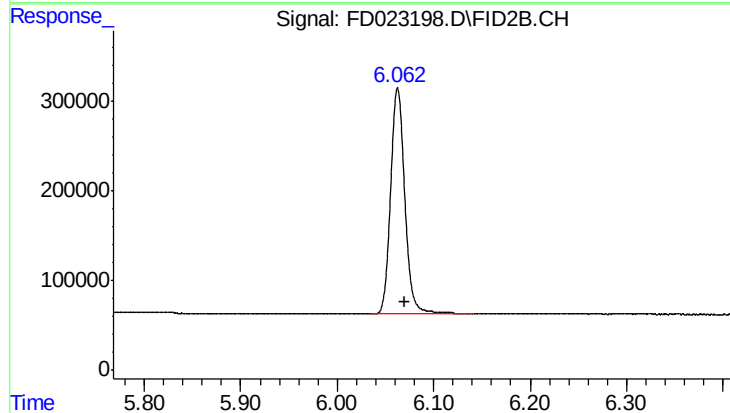
#2 n-Decane (C10)

R.T.: 4.064 min
Delta R.T.: -0.007 min
Response: 2509331
Conc: 20.06 ug/ml



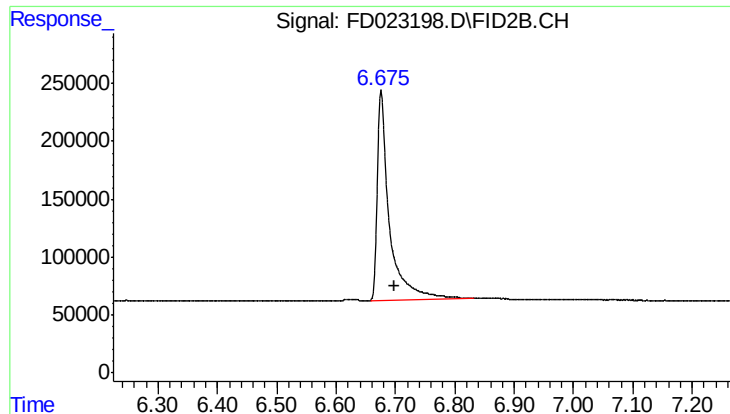
#3 A-Naphthalene (C11.7)

R.T.: 5.627 min
Delta R.T.: -0.021 min
Response: 2552147
Conc: 20.21 ug/ml



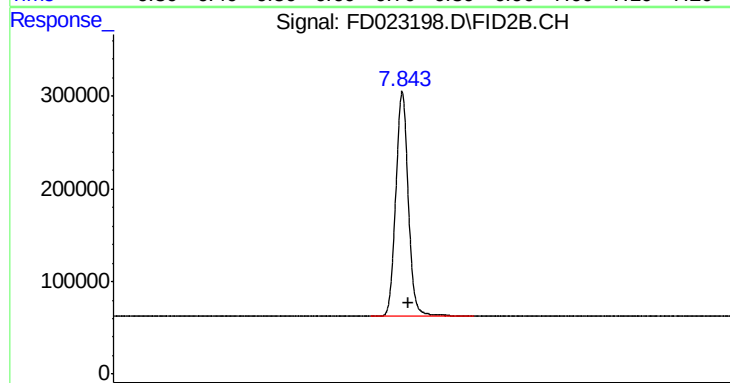
#4 n-Dodecane (C12)

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 2574387
Conc: 20.00 ug/ml



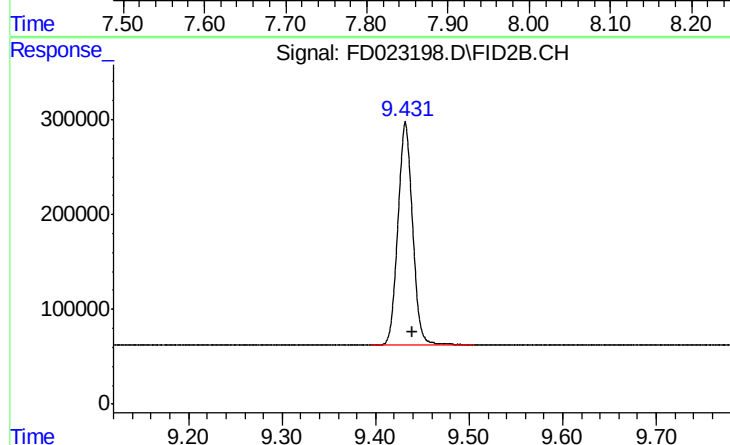
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.676 min
Delta R.T.: -0.021 min
Response: 2553890
Conc: 20.20 ug/ml



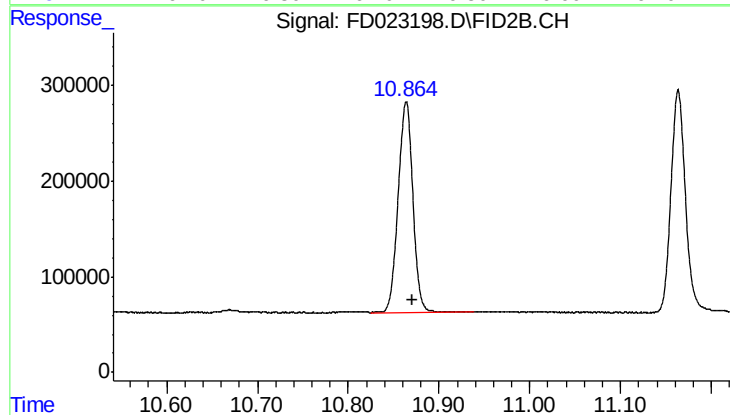
#6 n-Tetradecane (C14)

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 2580630
Conc: 19.79 ug/ml



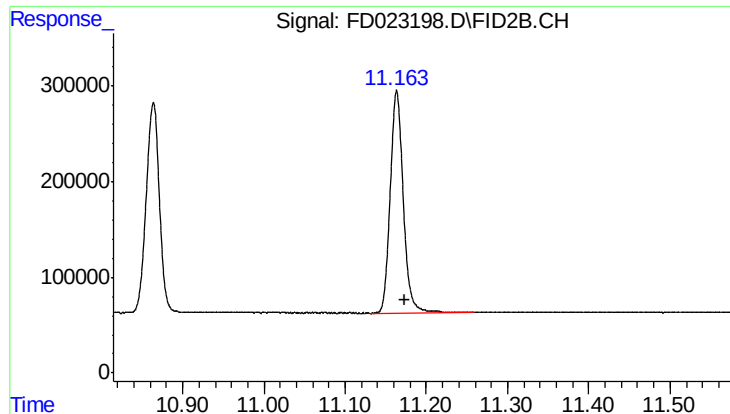
#7 n-Hexadecane (C16)

R.T.: 9.432 min
Delta R.T.: -0.007 min
Response: 2545217
Conc: 19.72 ug/ml



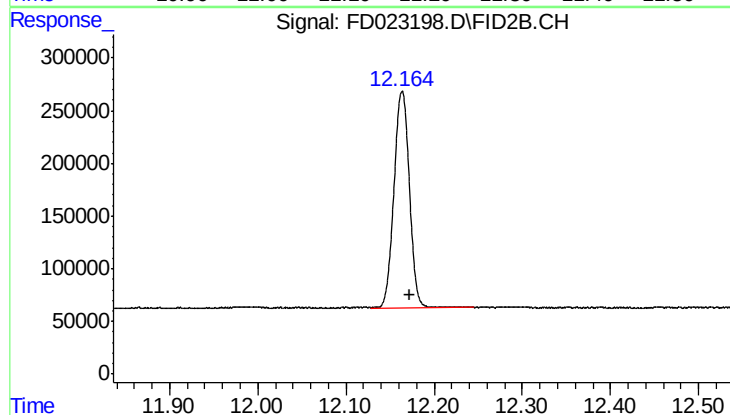
#8 n-Octadecane (C18)

R.T.: 10.864 min
Delta R.T.: -0.007 min
Response: 2479178
Conc: 19.82 ug/ml



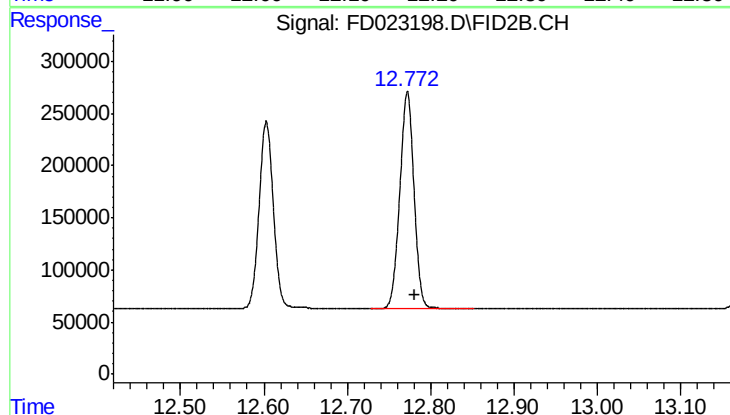
#9 ortho-Terphenyl (SURR)

R.T.: 11.164 min
Delta R.T.: -0.009 min
Response: 2586182
Conc: 19.93 ug/ml



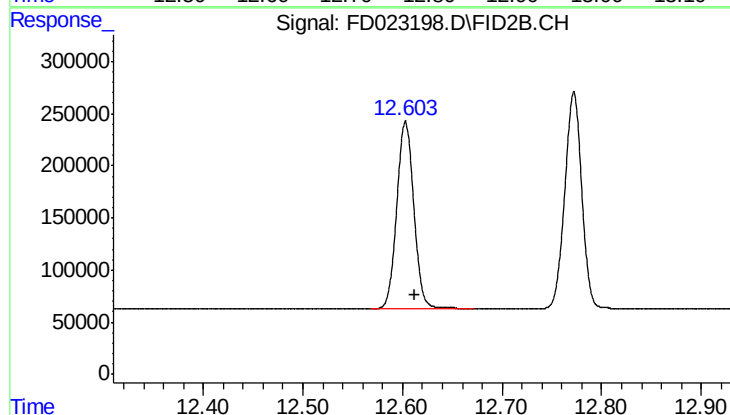
#10 n-Eicosane (C20)

R.T.: 12.164 min
Delta R.T.: -0.008 min
Response: 2497672
Conc: 20.09 ug/ml



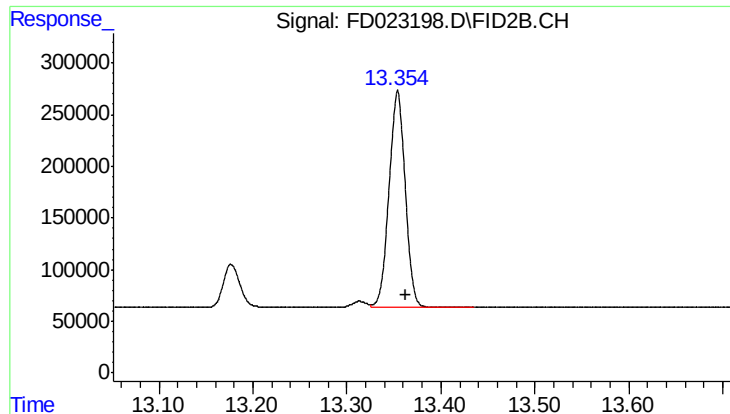
#11 n-Heneicosane (C21)

R.T.: 12.772 min
Delta R.T.: -0.008 min
Response: 2447924
Conc: 20.01 ug/ml



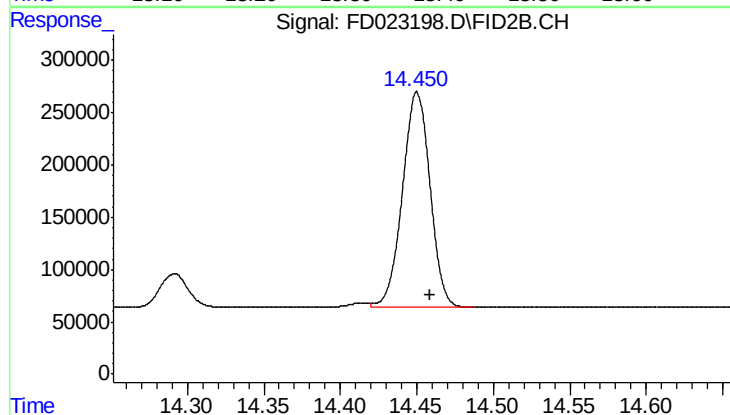
#12 1-chlorooctadecane (SURR)

R.T.: 12.603 min
Delta R.T.: -0.009 min
Response: 2125562
Conc: 19.90 ug/ml



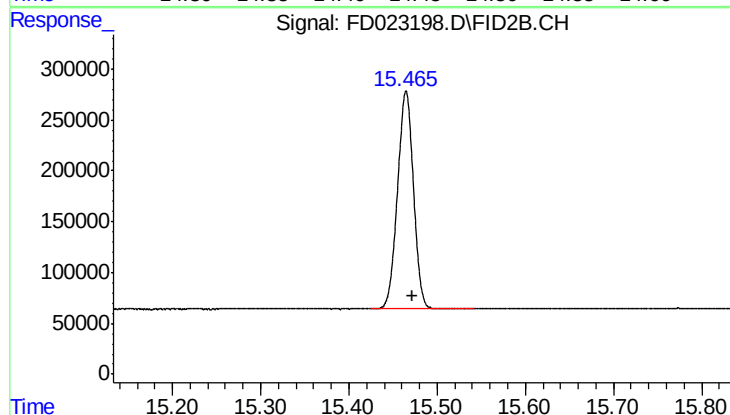
#13 n-Docosane (C22)

R.T.: 13.354 min
Delta R.T.: -0.009 min
Response: 2511626
Conc: 20.71 ug/ml



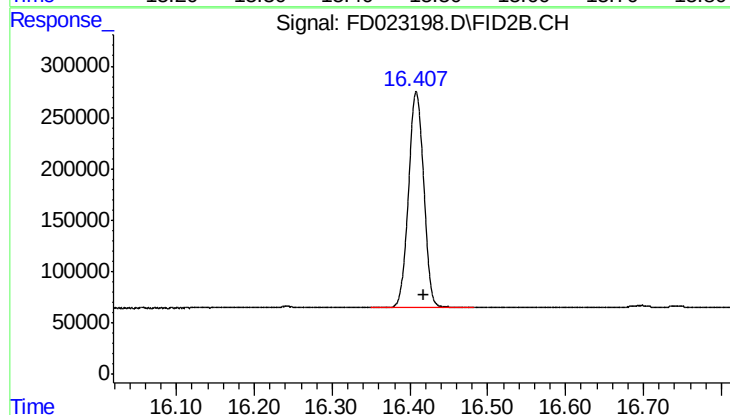
#14 n-Tetracosane (C24)

R.T.: 14.450 min
Delta R.T.: -0.009 min
Response: 2594412
Conc: 21.90 ug/ml m



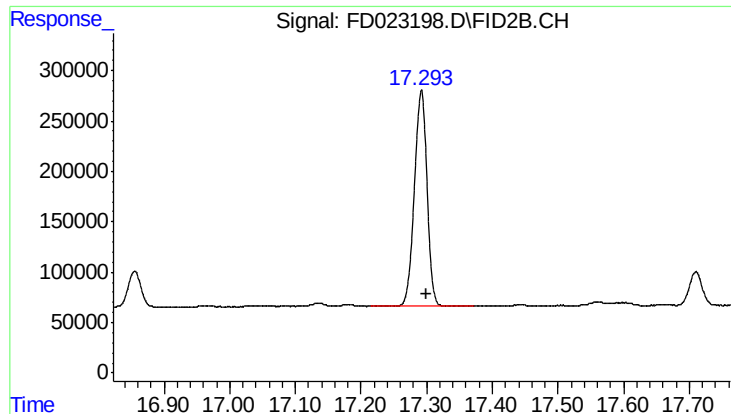
#15 n-Hexacosane (C26)

R.T.: 15.465 min
Delta R.T.: -0.008 min
Response: 2693659
Conc: 23.13 ug/ml



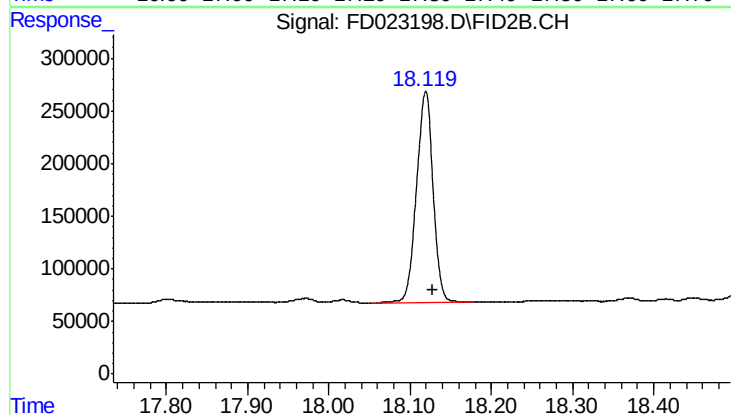
#16 n-Octacosane (C28)

R.T.: 16.407 min
Delta R.T.: -0.010 min
Response: 2865418
Conc: 24.33 ug/ml m



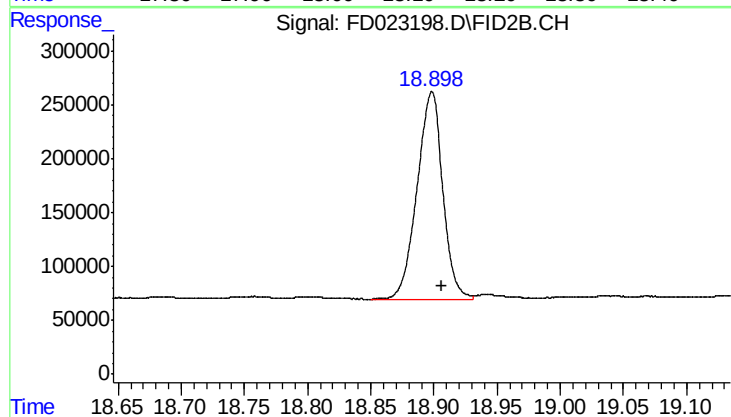
#17 n-Tricontane (C30)

R.T.: 17.292 min
Delta R.T.: -0.007 min
Response: 2875849
Conc: 24.64 ug/ml



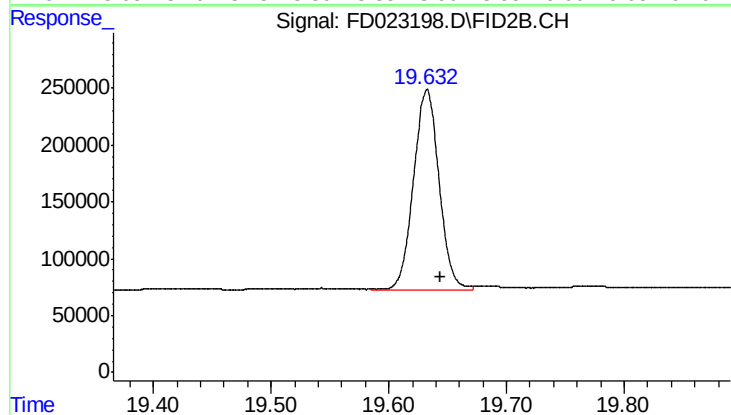
#18 n-Dotriacontane (C32)

R.T.: 18.119 min
Delta R.T.: -0.008 min
Response: 2851445
Conc: 23.57 ug/ml



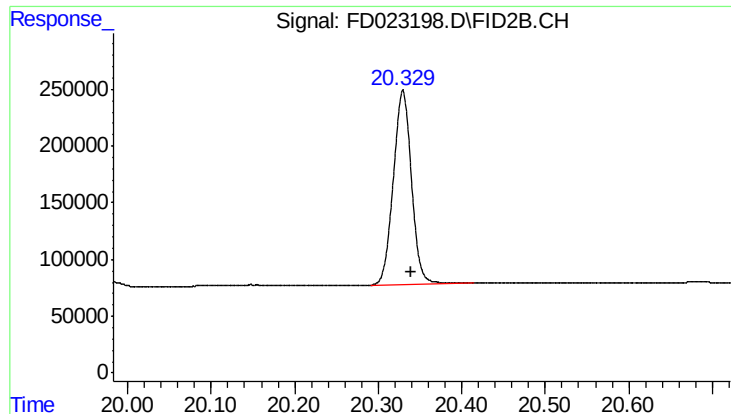
#19 n-Tetratriacontane (C34)

R.T.: 18.898 min
Delta R.T.: -0.008 min
Response: 2720950
Conc: 22.42 ug/ml m



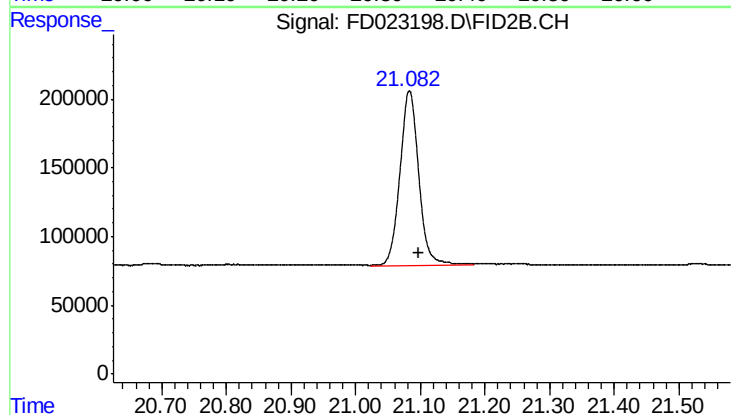
#20 n-Hexatriacontane (C36)

R.T.: 19.632 min
Delta R.T.: -0.011 min
Response: 2641198
Conc: 21.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.329 min
Delta R.T.: -0.009 min
Response: 2597189
Conc: 21.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.082 min
Delta R.T.: -0.015 min
Response: 2537439
Conc: 20.12 ug/ml m