

Data Path : P:\HPCHEM1\FID C\Data\FC041718AL\
 Data File : FC033539.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2018 18:40
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 18 19:09:24 2018
 Quant Method : P:\HPCHEM1\FID_C\Method\Aliphatic EPH 031918.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 19 16:15:43 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)	11.071	2896377	18.033 ug/ml
Spiked Amount 50.000		Recovery =	36.07%
12) S 1-chlorooctadecane (S...	12.520	2255906	17.918 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
Target Compounds			
1) T n-Nonane (C9)	2.945	2450375	17.455 ug/ml
2) T n-Decane (C10)	3.989	2414444	17.195 ug/ml
3) T A-Naphthalene (C11.7)	5.543	2306380	16.086 ug/ml
4) T n-Dodecane (C12)	5.984	2594940	17.432 ug/ml
5) T A-2-methylnaphthalene...	6.598	2410969	16.601 ug/ml
6) T n-Tetradecane (C14)	7.764	2448642	15.881 ug/ml
7) T n-Hexadecane (C16)	9.351	2537685	15.996 ug/ml
8) T n-Octadecane (C18)	10.782	2561538	16.033 ug/ml
10) T n-Eicosane (C20)	12.083	2621343	15.945 ug/ml
11) T n-Heneicosane (C21)	12.692	2668370	17.224 ug/ml
13) T n-Docosane (C22)	13.276	2624352	17.165 ug/ml
14) T n-Tetracosane (C24)	14.374	2582937	17.951 ug/ml
15) T n-Hexacosane (C26)	15.389	2548868	18.633 ug/ml
16) T n-Octacosane (C28)	16.336	2577195	19.299 ug/ml
17) T n-Tricontane (C30)	17.220	2531255	19.476 ug/ml
18) T n-Dotriacontane (C32)	18.051	2594311	19.314 ug/ml
19) T n-Tetratriacontane (C34)	18.833	2541213	20.120 ug/ml
20) T n-Hexatriacontane (C36)	19.571	2491368	21.336 ug/ml
21) T n-Octatriacontane (C38)	20.271	2455060	20.783 ug/ml
22) T n-Tetracontane (C40)	21.008	2373956	19.365 ug/ml

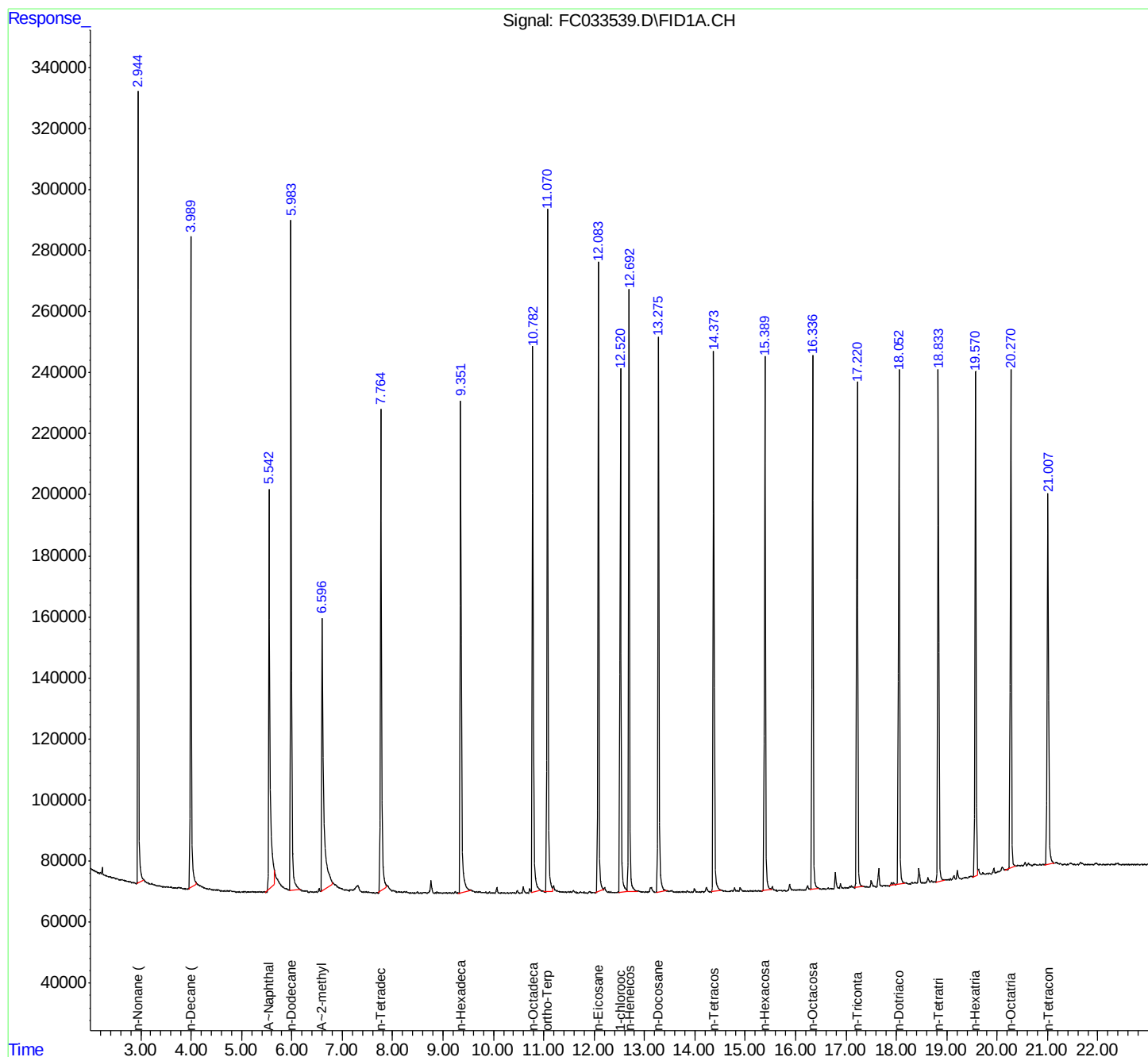
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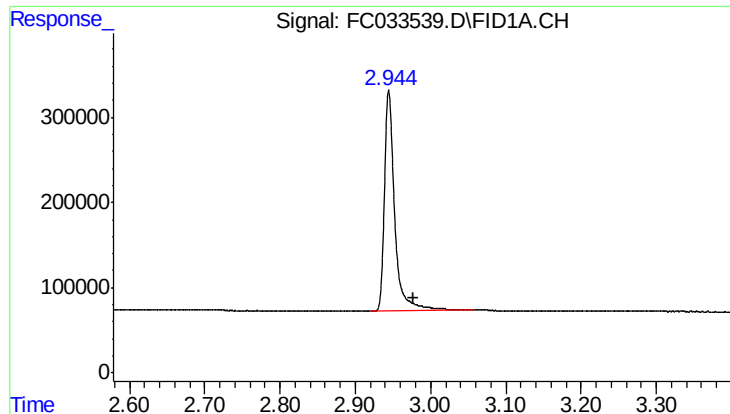
(m)=manual int.

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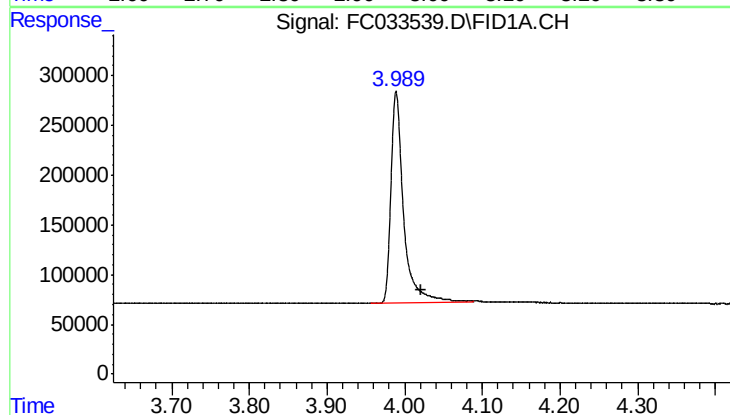
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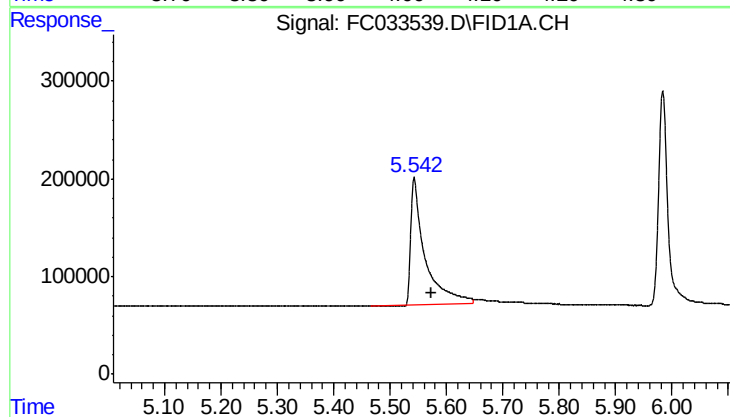
#1 n-Nonane (C9)

R.T.: 2.945 min
Delta R.T.: -0.034 min
Response: 2450375
Conc: 17.45 ug/ml



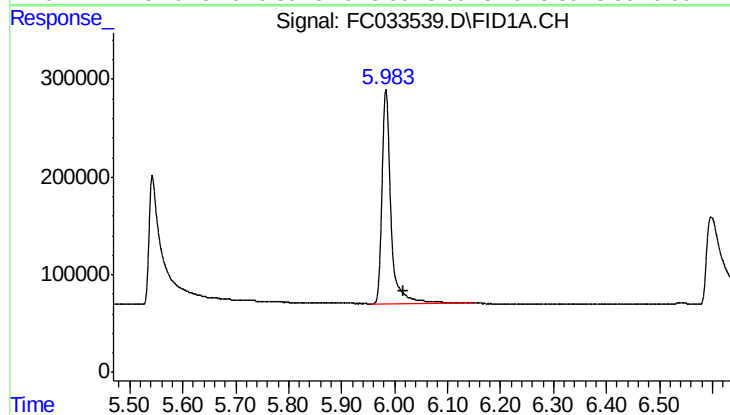
#2 n-Decane (C10)

R.T.: 3.989 min
Delta R.T.: -0.032 min
Response: 2414444
Conc: 17.20 ug/ml



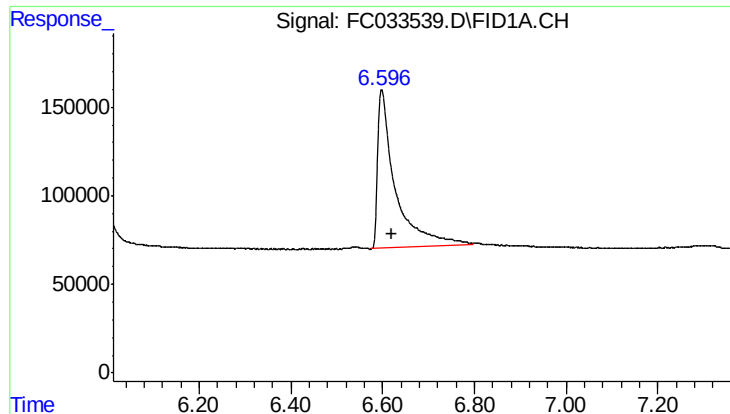
#3 A-Naphthalene (C11.7)

R.T.: 5.543 min
Delta R.T.: -0.030 min
Response: 2306380
Conc: 16.09 ug/ml



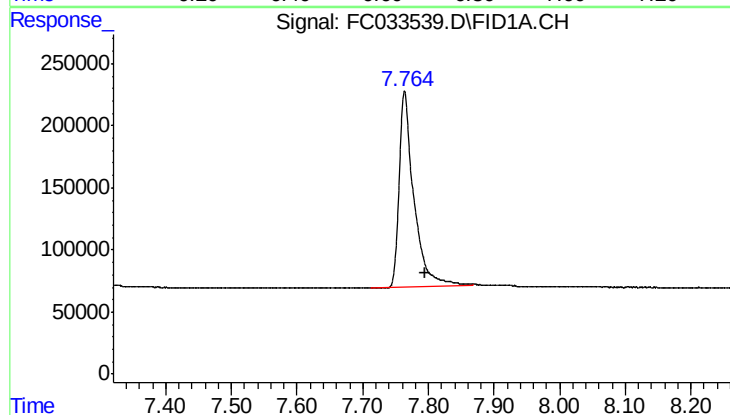
#4 n-Dodecane (C12)

R.T.: 5.984 min
Delta R.T.: -0.032 min
Response: 2594940
Conc: 17.43 ug/ml



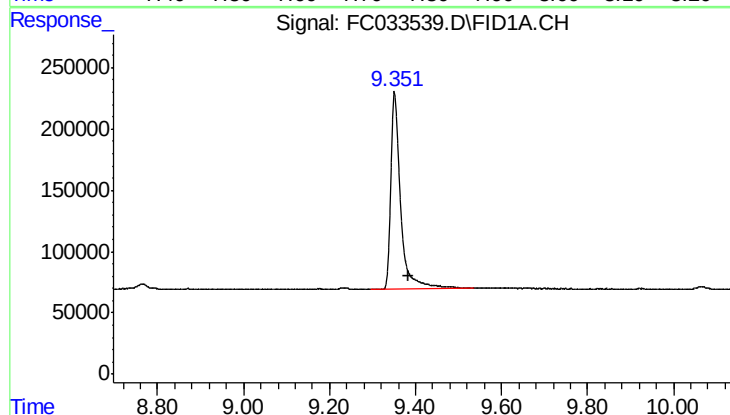
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.021 min
Response: 2410969
Conc: 16.60 ug/ml



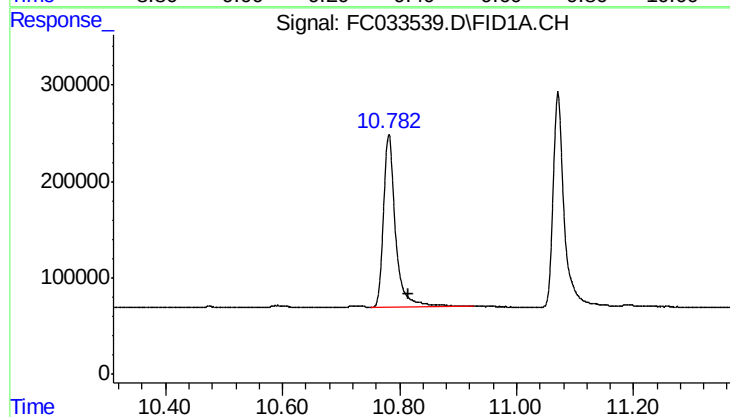
#6 n-Tetradecane (C14)

R.T.: 7.764 min
Delta R.T.: -0.031 min
Response: 2448642
Conc: 15.88 ug/ml



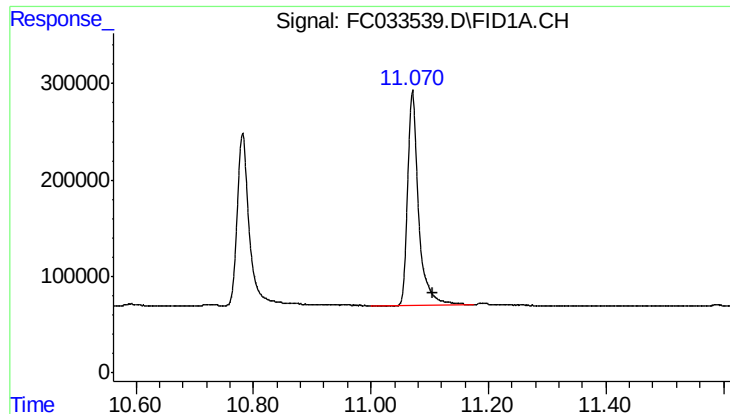
#7 n-Hexadecane (C16)

R.T.: 9.351 min
Delta R.T.: -0.033 min
Response: 2537685
Conc: 16.00 ug/ml



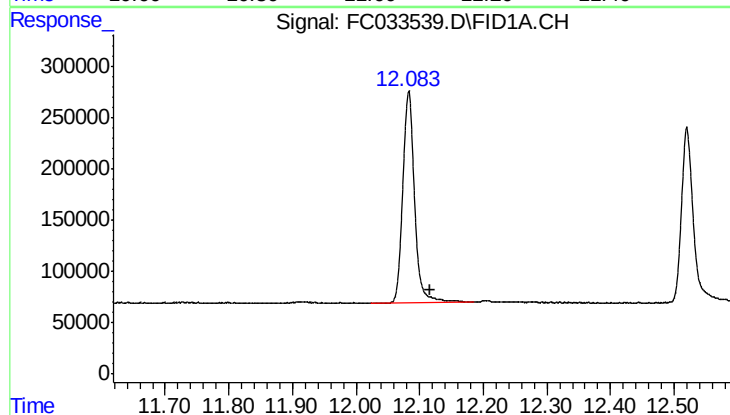
#8 n-Octadecane (C18)

R.T.: 10.782 min
Delta R.T.: -0.034 min
Response: 2561538
Conc: 16.03 ug/ml



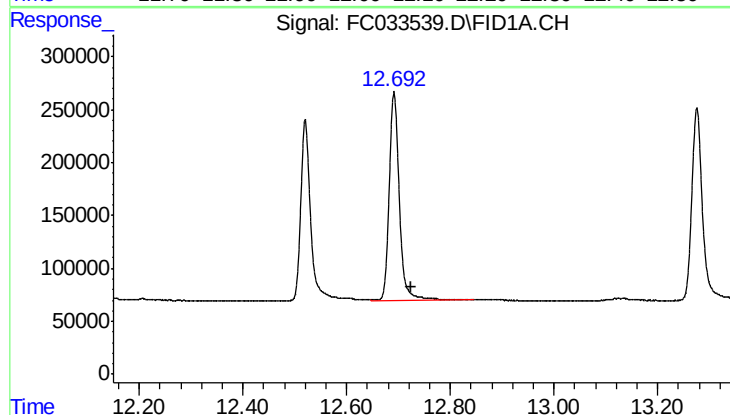
#9 ortho-Terphenyl (SURRE)

R.T.: 11.071 min
Delta R.T.: -0.035 min
Response: 2896377
Conc: 18.03 ug/ml



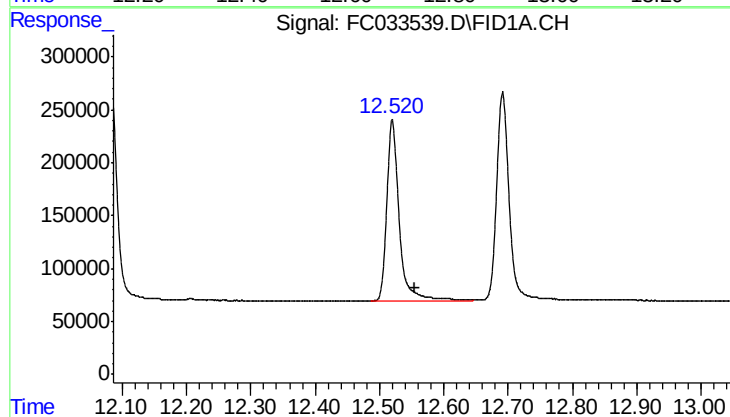
#10 n-Eicosane (C20)

R.T.: 12.083 min
Delta R.T.: -0.034 min
Response: 2621343
Conc: 15.94 ug/ml



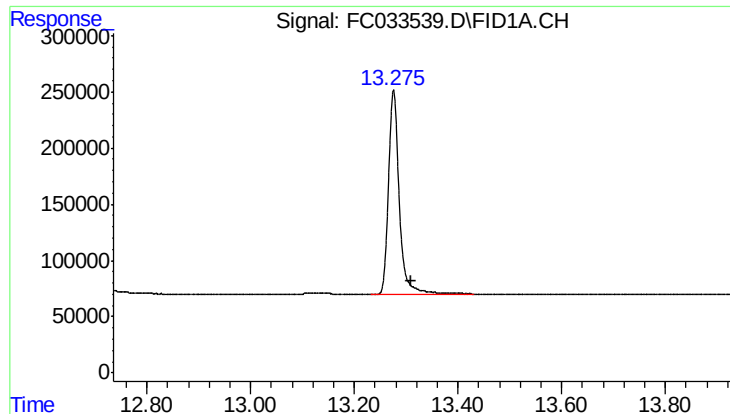
#11 n-Heneicosane (C21)

R.T.: 12.692 min
Delta R.T.: -0.033 min
Response: 2668370
Conc: 17.22 ug/ml



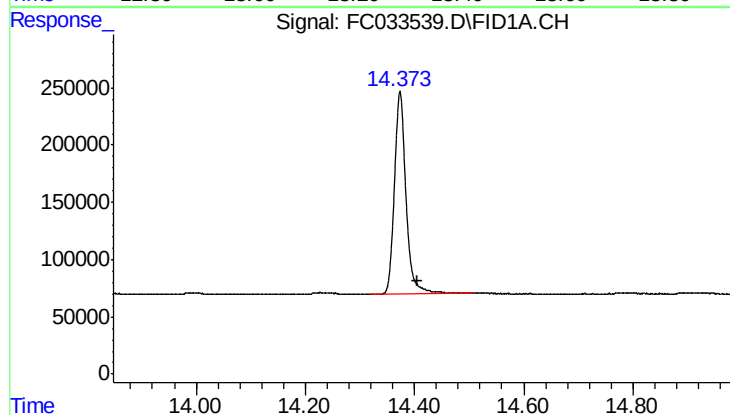
#12 1-chlorooctadecane (SURRE)

R.T.: 12.520 min
Delta R.T.: -0.035 min
Response: 2255906
Conc: 17.92 ug/ml



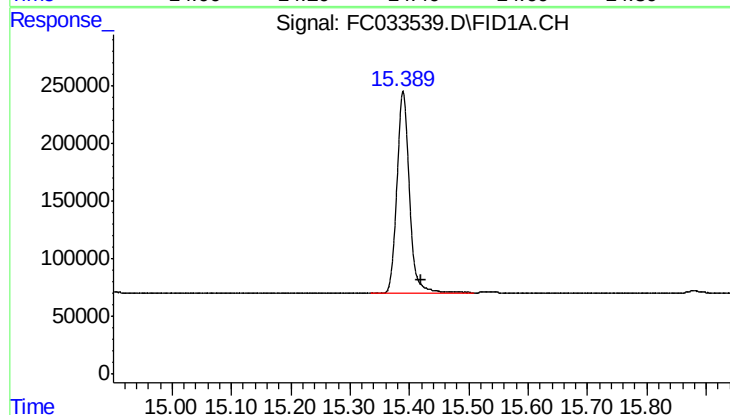
#13 n-Docosane (C22)

R.T.: 13.276 min
Delta R.T.: -0.034 min
Response: 2624352
Conc: 17.16 ug/ml



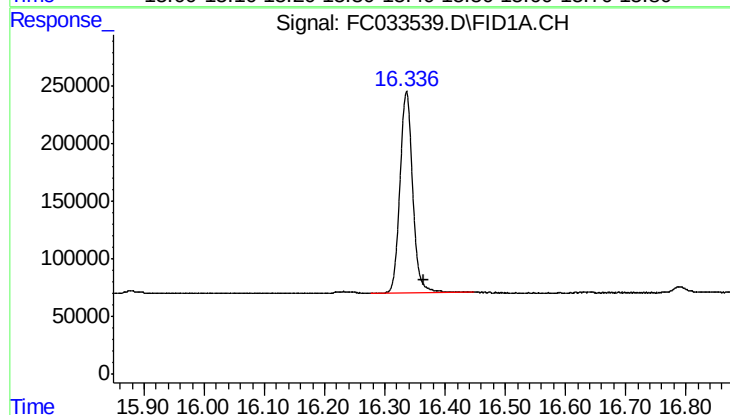
#14 n-Tetracosane (C24)

R.T.: 14.374 min
Delta R.T.: -0.031 min
Response: 2582937
Conc: 17.95 ug/ml



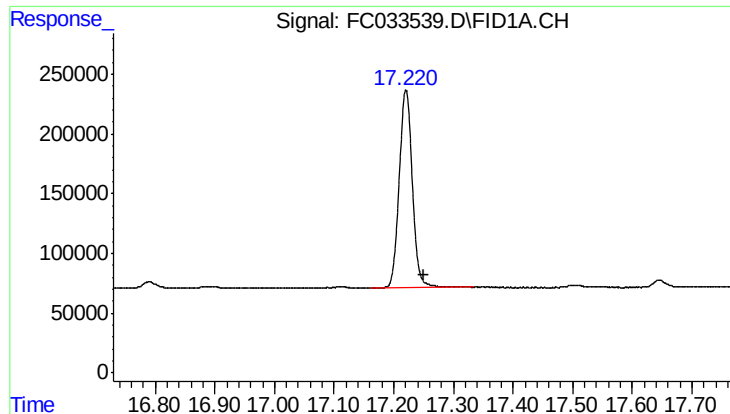
#15 n-Hexacosane (C26)

R.T.: 15.389 min
Delta R.T.: -0.031 min
Response: 2548868
Conc: 18.63 ug/ml



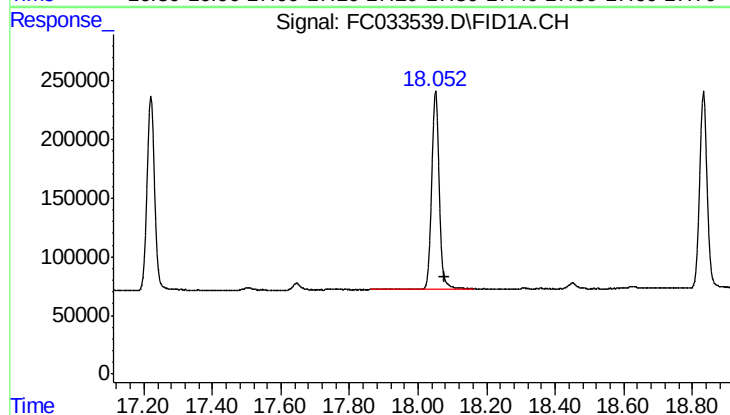
#16 n-Octacosane (C28)

R.T.: 16.336 min
Delta R.T.: -0.029 min
Response: 2577195
Conc: 19.30 ug/ml



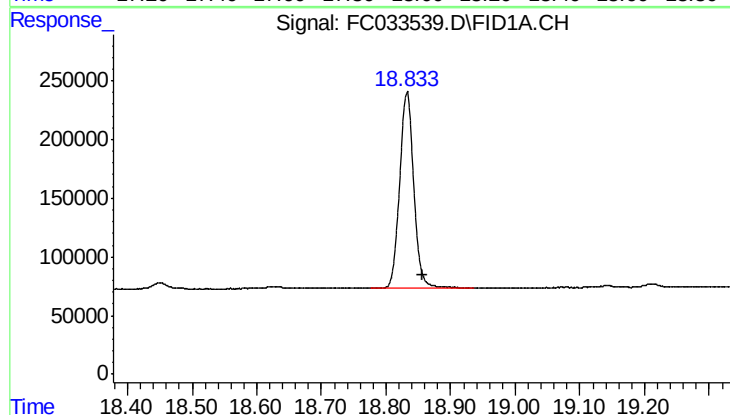
#17 n-Tricontane (C30)

R.T.: 17.220 min
Delta R.T.: -0.029 min
Response: 2531255
Conc: 19.48 ug/ml



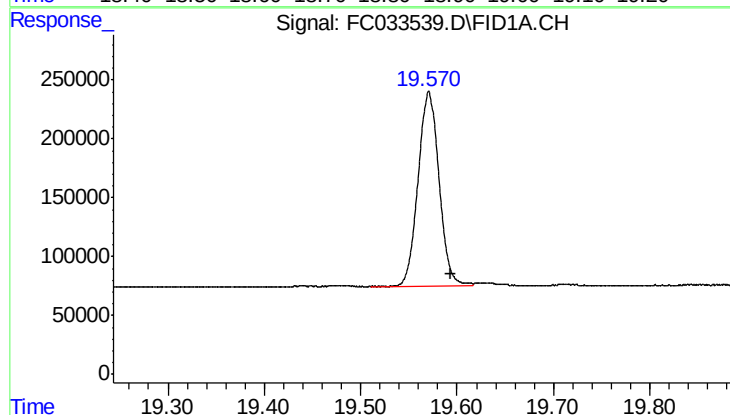
#18 n-Dotriacontane (C32)

R.T.: 18.051 min
Delta R.T.: -0.026 min
Response: 2594311
Conc: 19.31 ug/ml



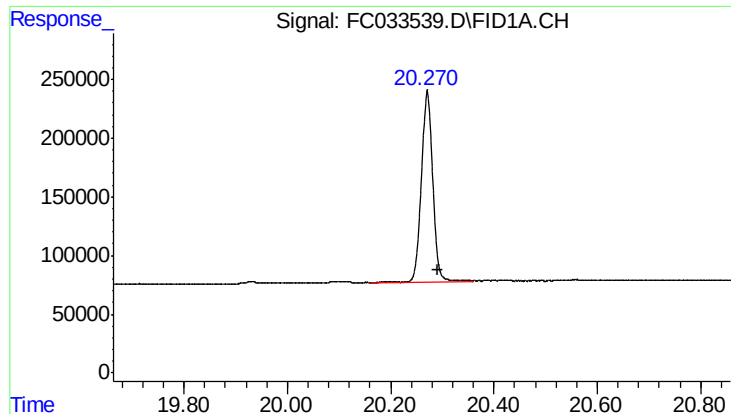
#19 n-Tetratriacontane (C34)

R.T.: 18.833 min
Delta R.T.: -0.024 min
Response: 2541213
Conc: 20.12 ug/ml



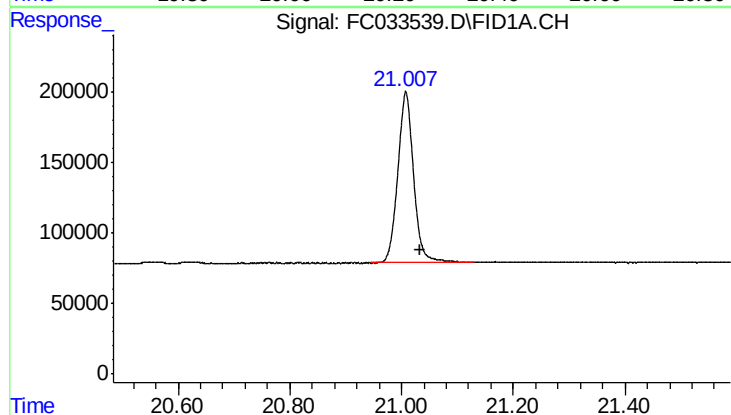
#20 n-Hexatriacontane (C36)

R.T.: 19.571 min
Delta R.T.: -0.023 min
Response: 2491368
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.271 min
Delta R.T.: -0.019 min
Response: 2455060
Conc: 20.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.008 min
Delta R.T.: -0.024 min
Response: 2373956
Conc: 19.37 ug/ml