

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010622AL\
 Data File : FE034639.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jan 2022 13:23
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 16:38:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 12:19:53 2022
 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)	11.107	2765495	19.990 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
12) S 1-chlorooctadecane (S...	12.538	2116256	20.099 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	2.944	2331364	19.995 ug/ml
2) T n-Decane (C10)	3.976	2364837	20.001 ug/ml
3) T A~Naphthalene (C11.7)	5.542	2635641	19.976 ug/ml
4) T n-Dodecane (C12)	5.973	2377374	19.971 ug/ml
5) T A~2-methylnaphthalene...	6.589	2658997	19.965 ug/ml
6) T n-Tetradecane (C14)	7.761	2428946	20.007 ug/ml
7) T n-Hexadecane (C16)	9.356	2436804	20.005 ug/ml
8) T n-Octadecane (C18)	10.792	2497259	20.027 ug/ml
10) T n-Eicosane (C20)	12.096	2471063	20.036 ug/ml
11) T n-Heneicosane (C21)	12.707	2497450	20.065 ug/ml
13) T n-Docosane (C22)	13.290	2472905	20.058 ug/ml
14) T n-Tetracosane (C24)	14.389	2466699	20.046 ug/ml
15) T n-Hexacosane (C26)	15.407	2393348	20.086 ug/ml
16) T n-Octacosane (C28)	16.352	2320147	20.067 ug/ml
17) T n-Tricontane (C30)	17.237	2189949	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.066	1919020	20.015 ug/ml
19) T n-Tetratriacontane (C34)	18.848	1647624	19.868 ug/ml
20) T n-Hexatriacontane (C36)	19.585	1359113	19.903 ug/ml
21) T n-Octatriacontane (C38)	20.293	1144236	19.851 ug/ml
22) T n-Tetracontane (C40)	21.137	1008033	20.162 ug/ml

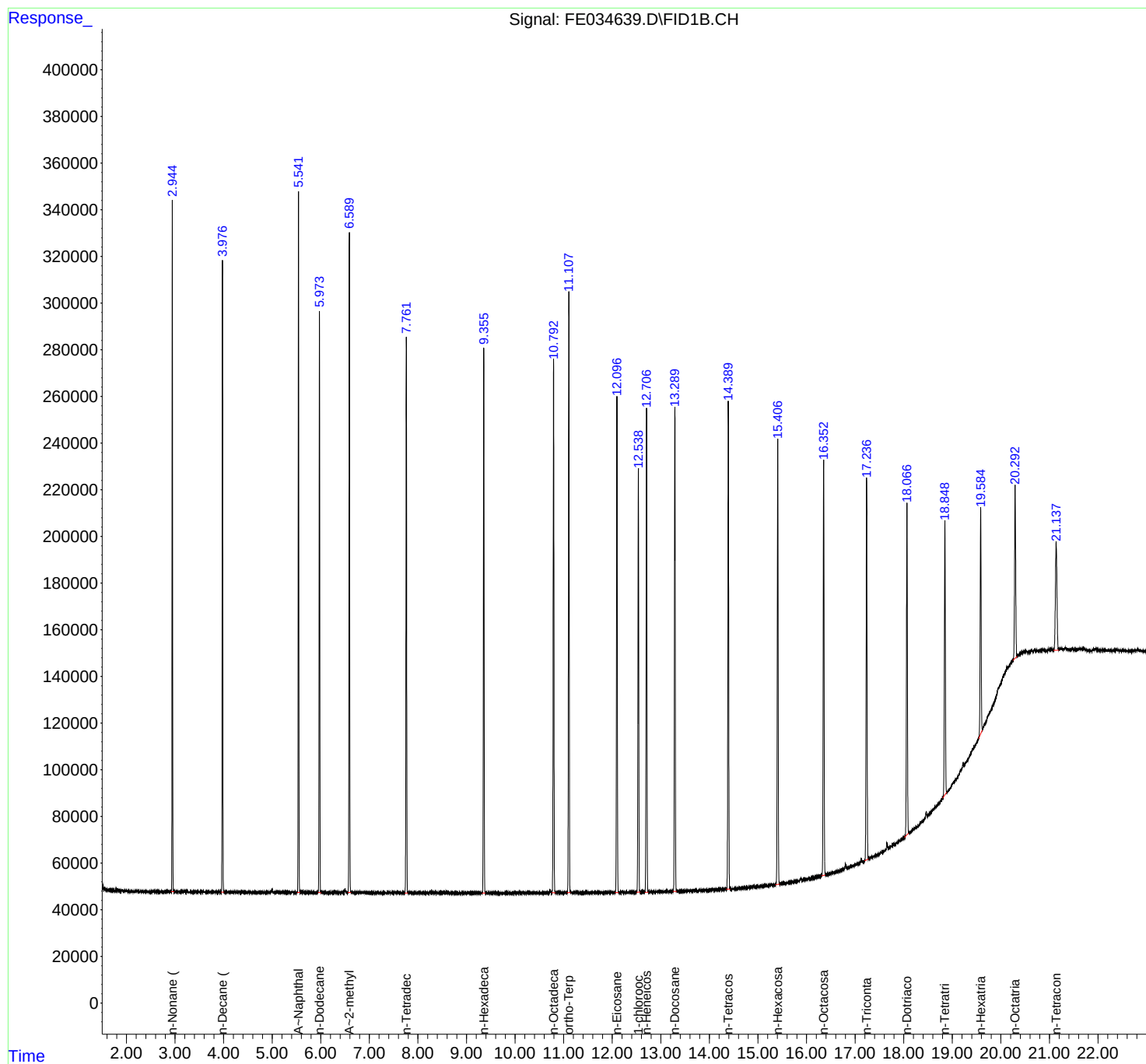
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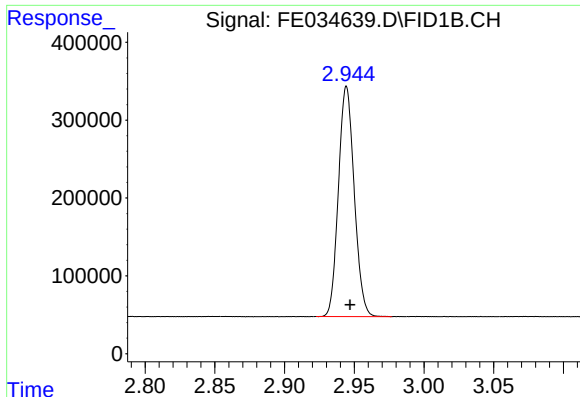
(m)=manual int.

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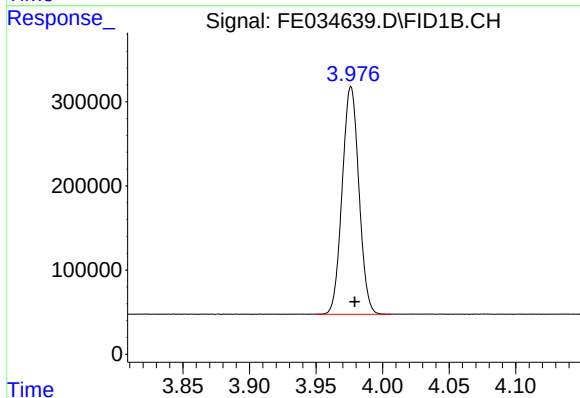
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Signal Info : 20M x 0.18mm x 0.18um





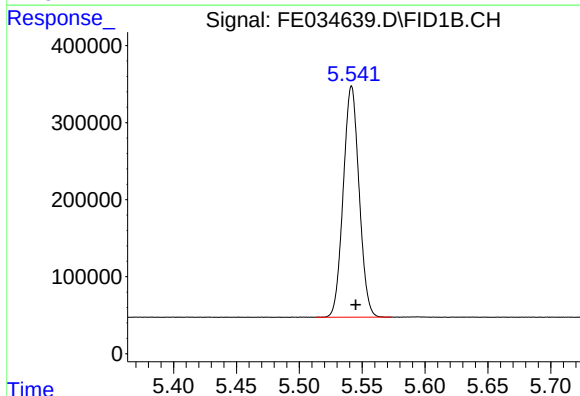
#1 n-Nonane (C9)

R.T.: 2.944 min
Delta R.T.: -0.003 min
Response: 2331364
Conc: 20.00 ug/ml



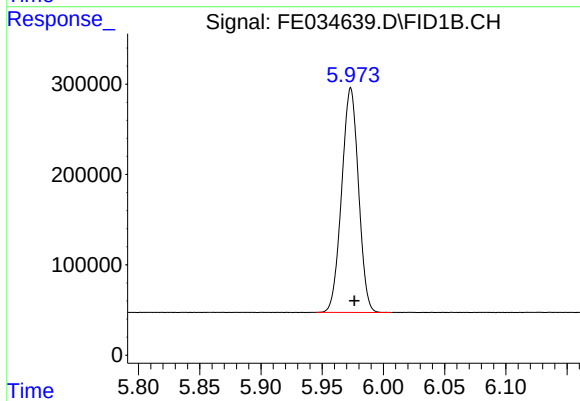
#2 n-Decane (C10)

R.T.: 3.976 min
Delta R.T.: -0.003 min
Response: 2364837
Conc: 20.00 ug/ml



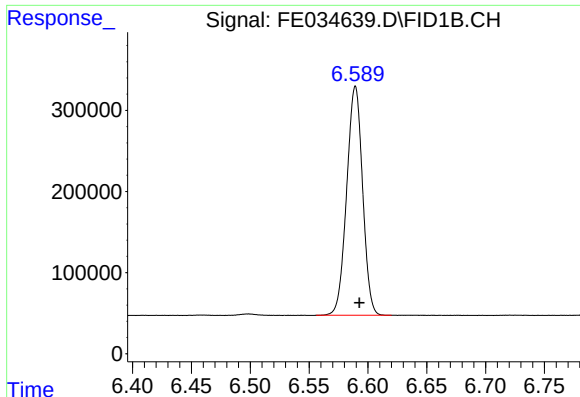
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 2635641
Conc: 19.98 ug/ml



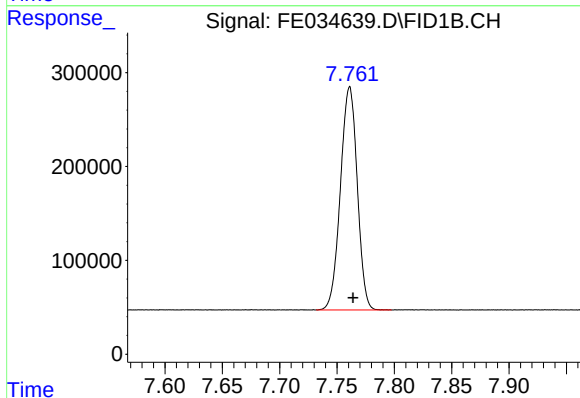
#4 n-Dodecane (C12)

R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 2377374
Conc: 19.97 ug/ml



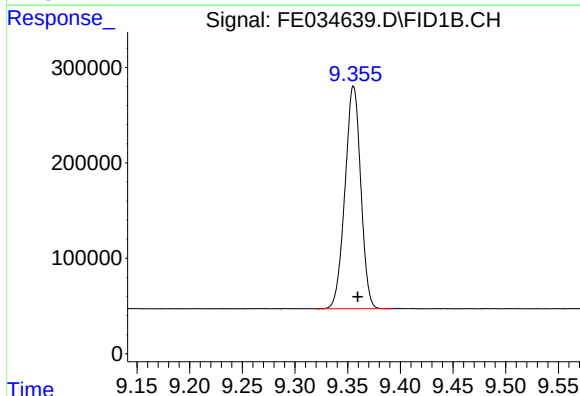
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.589 min
Delta R.T.: -0.003 min
Response: 2658997
Conc: 19.96 ug/ml



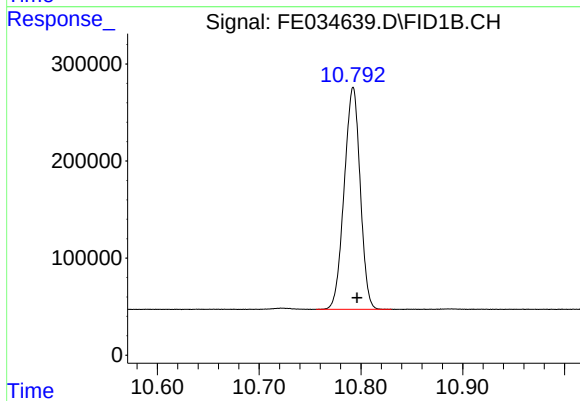
#6 n-Tetradecane (C14)

R.T.: 7.761 min
Delta R.T.: -0.003 min
Response: 2428946
Conc: 20.01 ug/ml



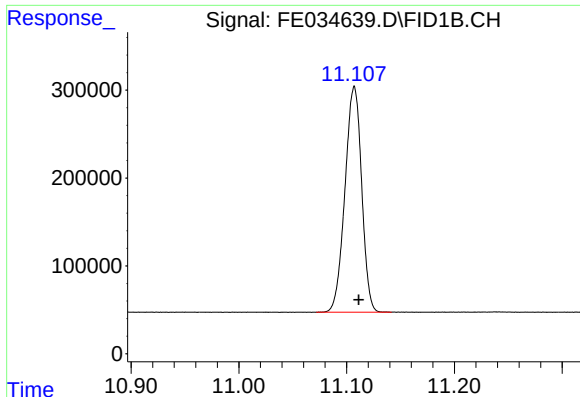
#7 n-Hexadecane (C16)

R.T.: 9.356 min
Delta R.T.: -0.004 min
Response: 2436804
Conc: 20.01 ug/ml



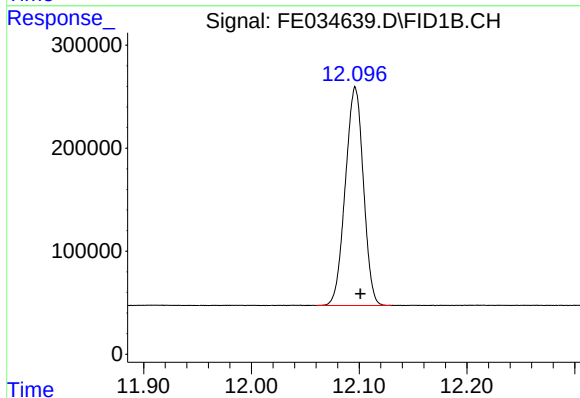
#8 n-Octadecane (C18)

R.T.: 10.792 min
Delta R.T.: -0.004 min
Response: 2497259
Conc: 20.03 ug/ml



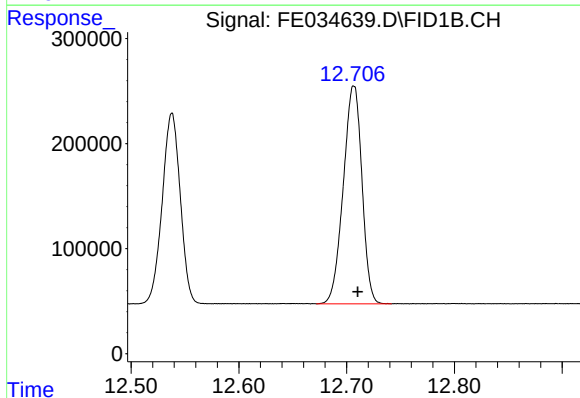
#9 ortho-Terphenyl (SURR)

R.T.: 11.107 min
Delta R.T.: -0.004 min
Response: 2765495
Conc: 19.99 ug/ml



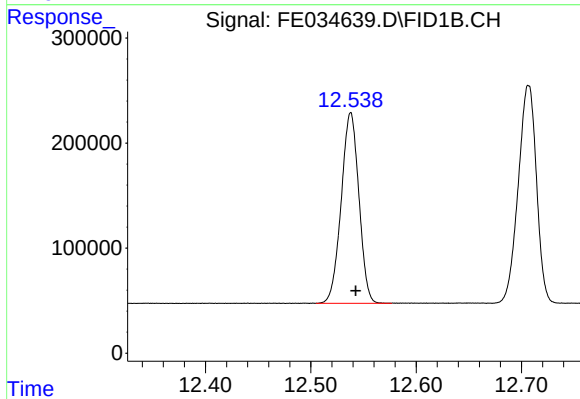
#10 n-Eicosane (C20)

R.T.: 12.096 min
Delta R.T.: -0.005 min
Response: 2471063
Conc: 20.04 ug/ml



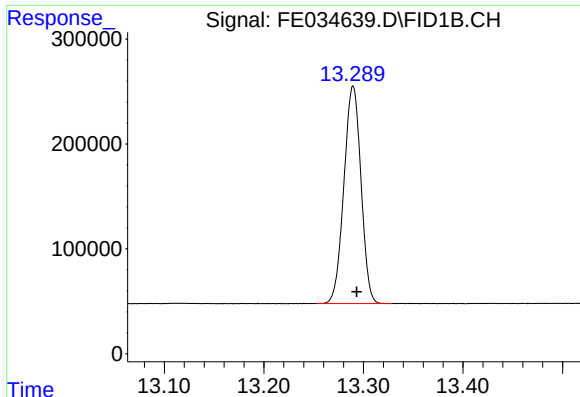
#11 n-Heneicosane (C21)

R.T.: 12.707 min
Delta R.T.: -0.004 min
Response: 2497450
Conc: 20.07 ug/ml



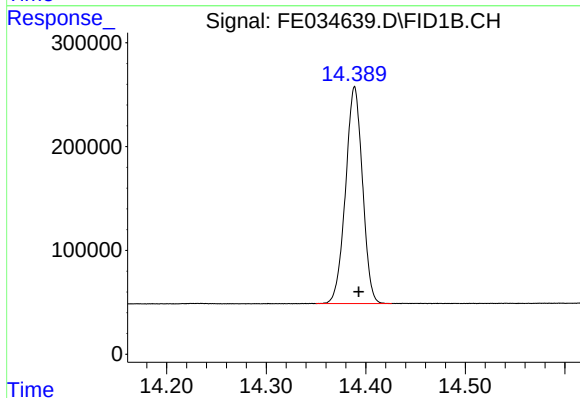
#12 1-chlorooctadecane (SURR)

R.T.: 12.538 min
Delta R.T.: -0.005 min
Response: 2116256
Conc: 20.10 ug/ml



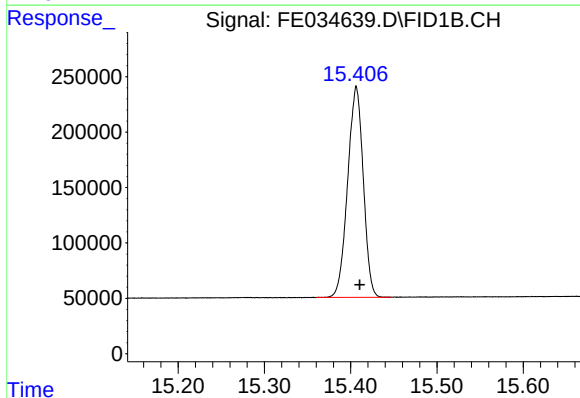
#13 n-Docosane (C22)

R.T.: 13.290 min
Delta R.T.: -0.004 min
Response: 2472905
Conc: 20.06 ug/ml



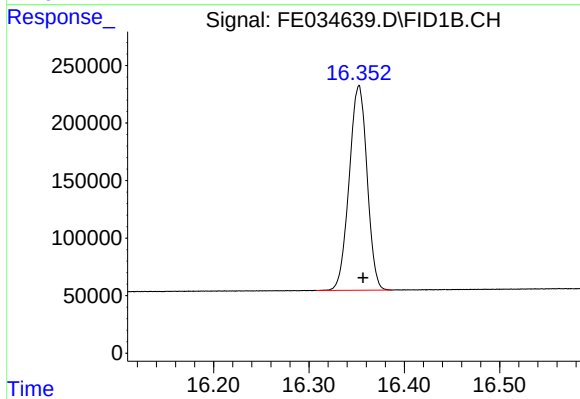
#14 n-Tetracosane (C24)

R.T.: 14.389 min
Delta R.T.: -0.004 min
Response: 2466699
Conc: 20.05 ug/ml



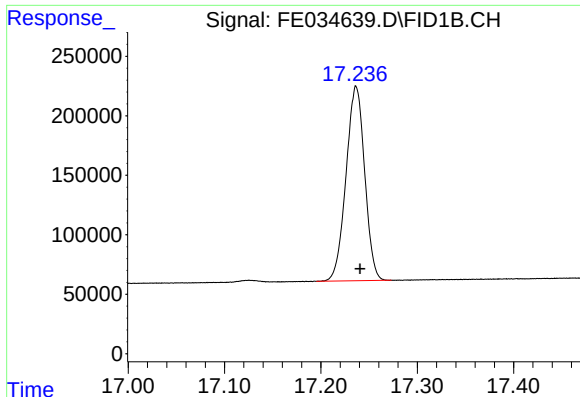
#15 n-Hexacosane (C26)

R.T.: 15.407 min
Delta R.T.: -0.004 min
Response: 2393348
Conc: 20.09 ug/ml



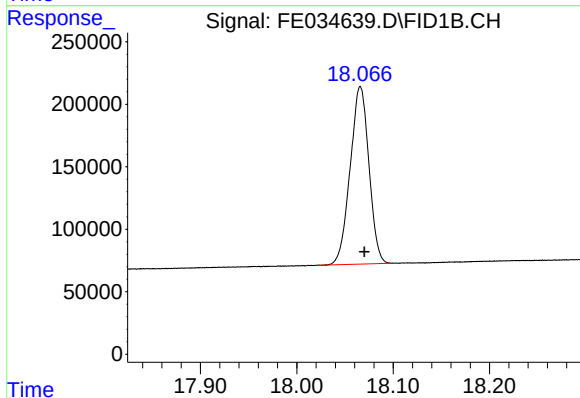
#16 n-Octacosane (C28)

R.T.: 16.352 min
Delta R.T.: -0.004 min
Response: 2320147
Conc: 20.07 ug/ml



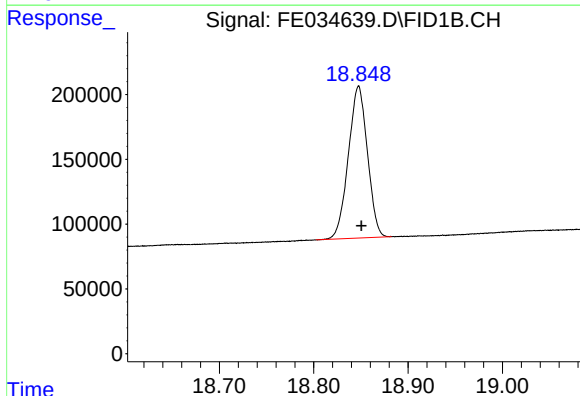
#17 n-Tricontane (C30)

R.T.: 17.237 min
Delta R.T.: -0.004 min
Response: 2189949
Conc: 20.06 ug/ml



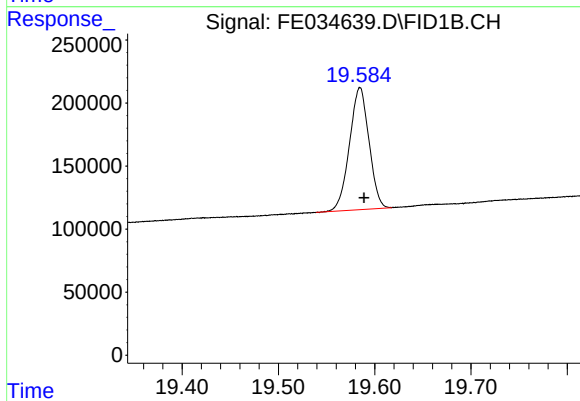
#18 n-Dotriacontane (C32)

R.T.: 18.066 min
Delta R.T.: -0.004 min
Response: 1919020
Conc: 20.02 ug/ml



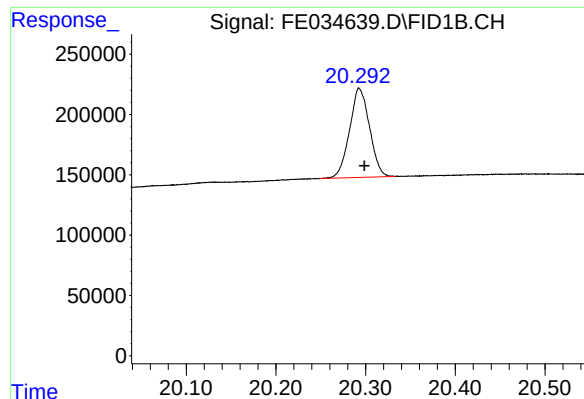
#19 n-Tetratriacontane (C34)

R.T.: 18.848 min
Delta R.T.: -0.003 min
Response: 1647624
Conc: 19.87 ug/ml



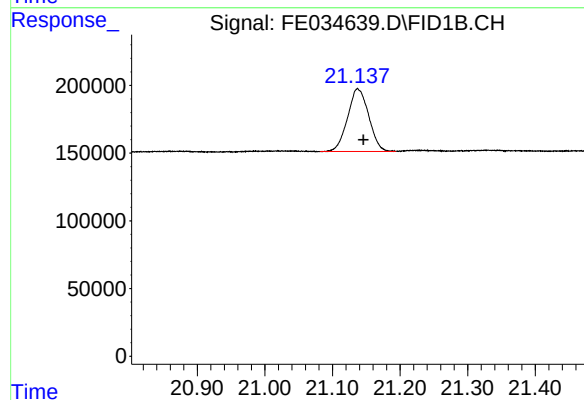
#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.004 min
Response: 1359113
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: -0.006 min
Response: 1144236
Conc: 19.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.137 min
Delta R.T.: -0.009 min
Response: 1008033
Conc: 20.16 ug/ml