

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010621AL\
 Data File : FE034632.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jan 2022 9:43
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 11:19:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 11:18:23 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)	11.125	14095823	101.222 ug/ml
Spiked Amount 50.000		Recovery =	202.44%
12) S 1-chlorooctadecane (S...	12.554	10818147	101.772 ug/ml
Spiked Amount 50.000		Recovery =	203.54%
Target Compounds			
1) T n-Nonane (C9)	2.952	11891626	101.810 ug/ml
2) T n-Decane (C10)	3.986	12054435	101.770 ug/ml
3) T A~Naphthalene (C11.7)	5.553	13468294	101.866 ug/ml
4) T n-Dodecane (C12)	5.985	12152330	101.879 ug/ml
5) T A~2-methylnaphthalene...	6.603	13619381	102.020 ug/ml
6) T n-Tetradecane (C14)	7.773	12394516	101.875 ug/ml
7) T n-Hexadecane (C16)	9.370	12432949	101.602 ug/ml
8) T n-Octadecane (C18)	10.809	12699658	101.162 ug/ml
10) T n-Eicosane (C20)	12.112	12541972	100.880 ug/ml
11) T n-Heneicosane (C21)	12.722	12652725	100.781 ug/ml
13) T n-Docosane (C22)	13.306	12532833	100.623 ug/ml
14) T n-Tetracosane (C24)	14.405	12484269	100.163 ug/ml
15) T n-Hexacosane (C26)	15.422	12109593	99.975 ug/ml
16) T n-Octacosane (C28)	16.369	11781230	100.006 ug/ml
17) T n-Tricontane (C30)	17.253	11182717	100.596 ug/ml
18) T n-Dotriacontane (C32)	18.082	9925814	101.712 ug/ml
19) T n-Tetratriacontane (C34)	18.862	8586088	102.630 ug/ml
20) T n-Hexatriacontane (C36)	19.599	7053055	102.708 ug/ml
21) T n-Octatriacontane (C38)	20.310	5855822	101.454 ug/ml
22) T n-Tetracontane (C40)	21.157	5224653	103.751 ug/ml

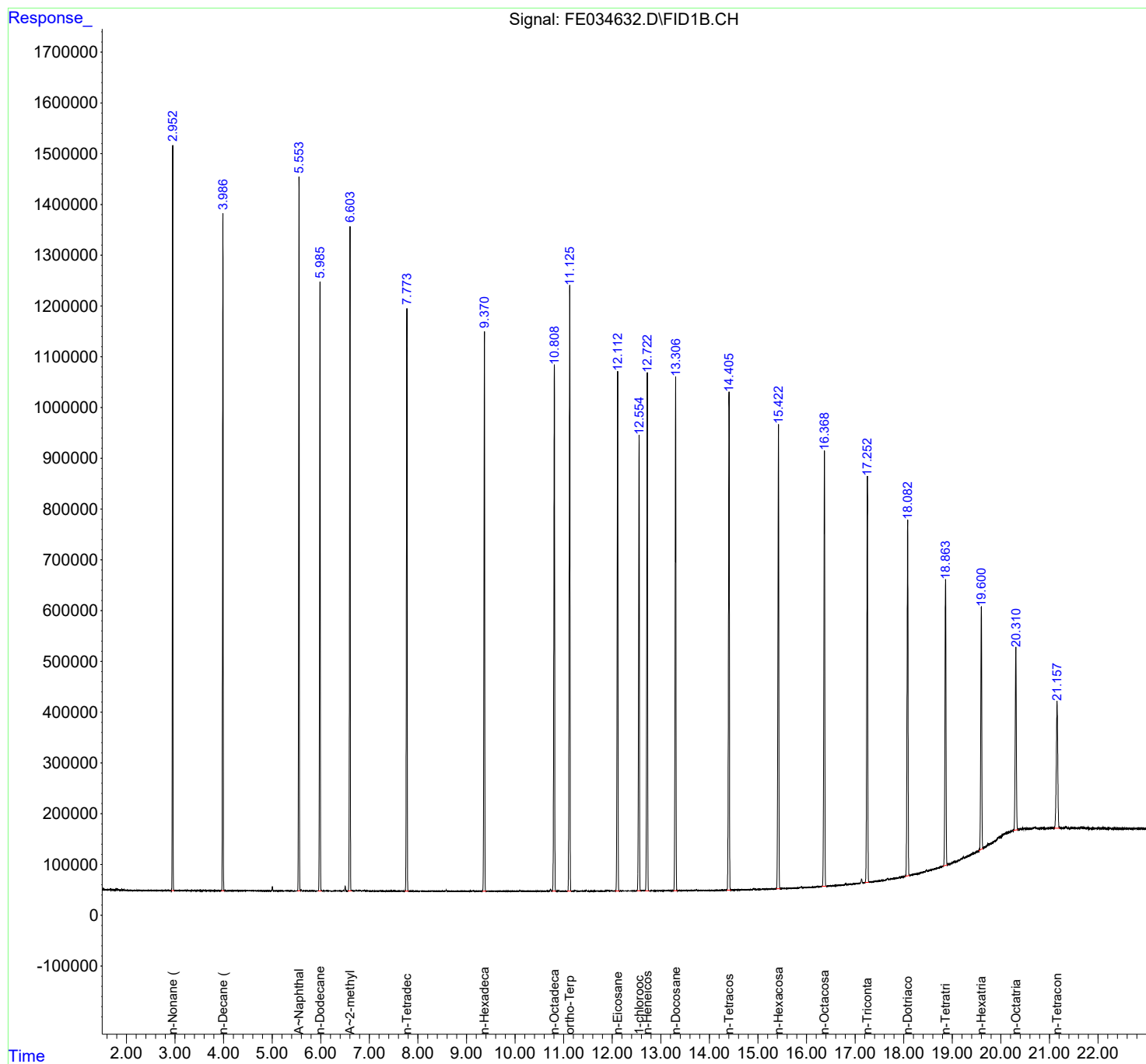
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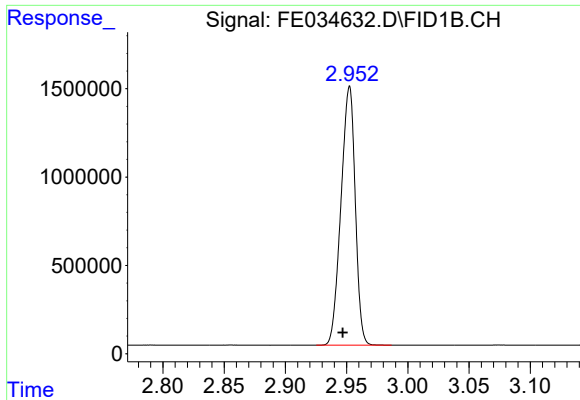
(m)=manual int.

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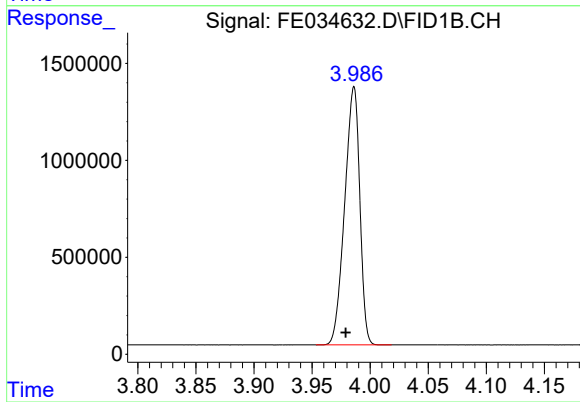
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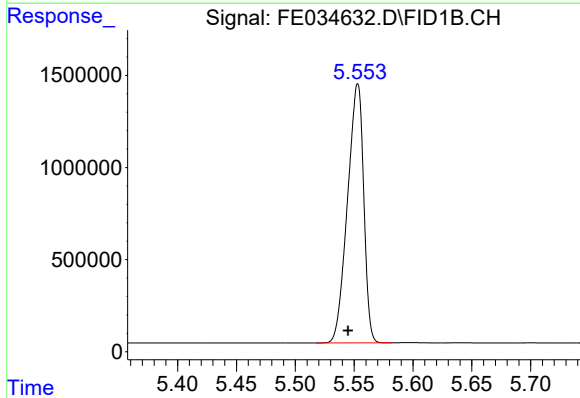
#1 n-Nonane (C9)

R.T.: 2.952 min
Delta R.T.: 0.005 min
Response: 11891626
Conc: 101.81 ug/ml



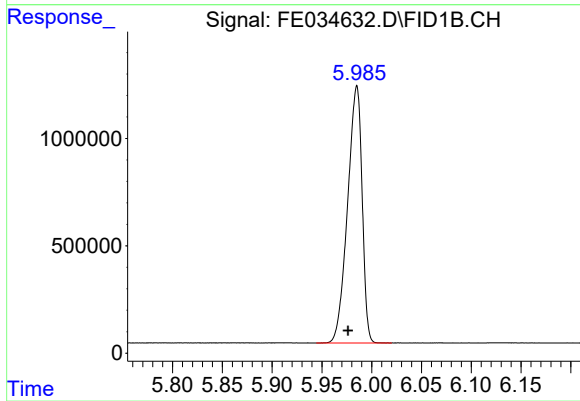
#2 n-Decane (C10)

R.T.: 3.986 min
Delta R.T.: 0.007 min
Response: 12054435
Conc: 101.77 ug/ml



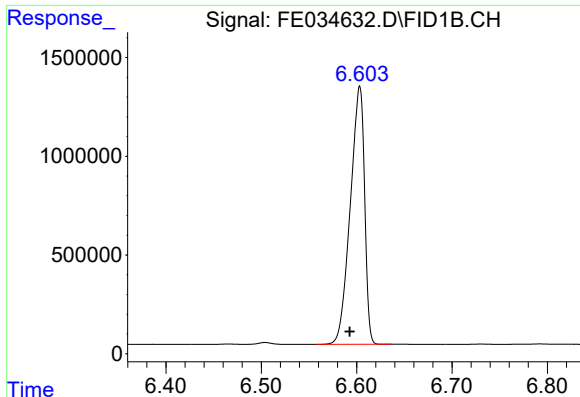
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: 0.008 min
Response: 13468294
Conc: 101.87 ug/ml



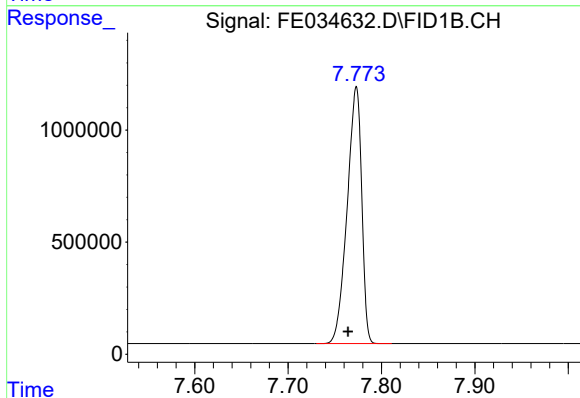
#4 n-Dodecane (C12)

R.T.: 5.985 min
Delta R.T.: 0.009 min
Response: 12152330
Conc: 101.88 ug/ml



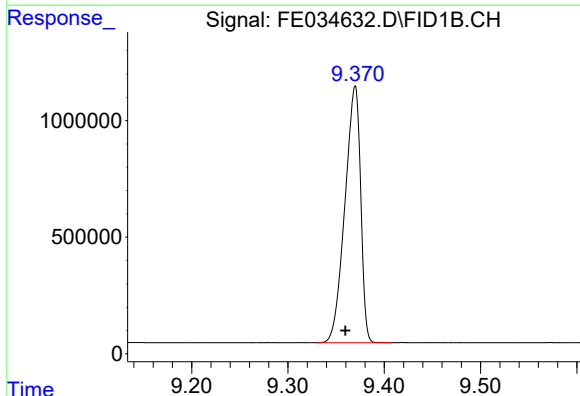
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.603 min
Delta R.T.: 0.010 min
Response: 13619381
Conc: 102.02 ug/ml



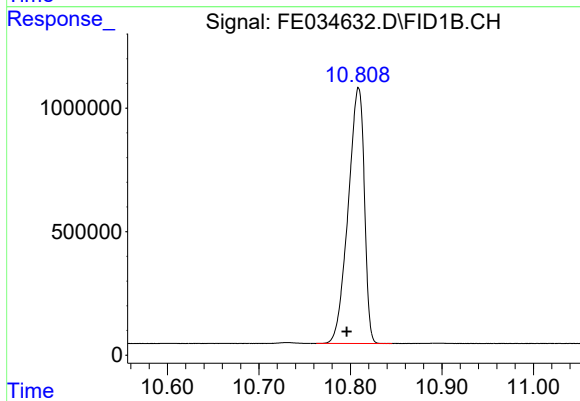
#6 n-Tetradecane (C14)

R.T.: 7.773 min
Delta R.T.: 0.009 min
Response: 12394516
Conc: 101.88 ug/ml



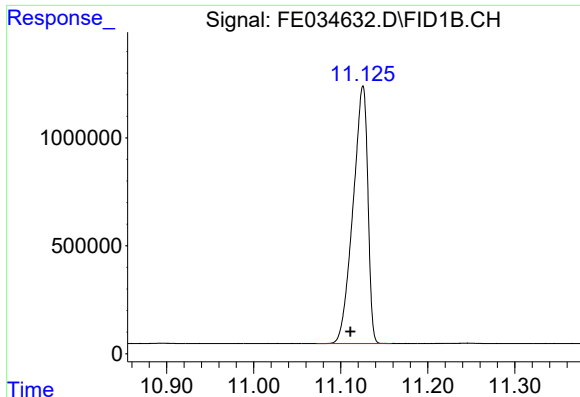
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: 0.010 min
Response: 12432949
Conc: 101.60 ug/ml



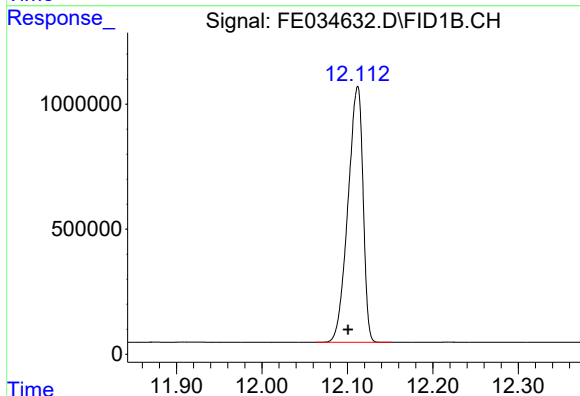
#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.013 min
Response: 12699658
Conc: 101.16 ug/ml



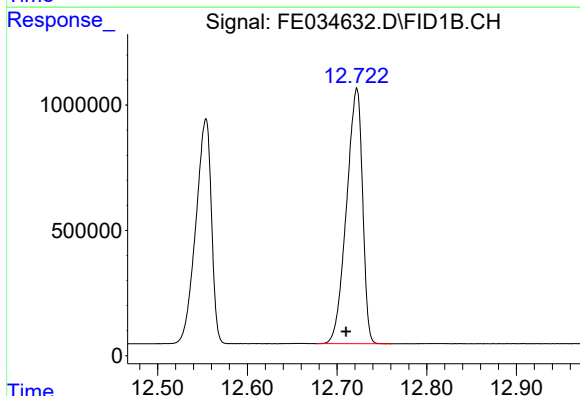
#9 ortho-Terphenyl (SURR)

R.T.: 11.125 min
Delta R.T.: 0.014 min
Response: 14095823
Conc: 101.22 ug/ml



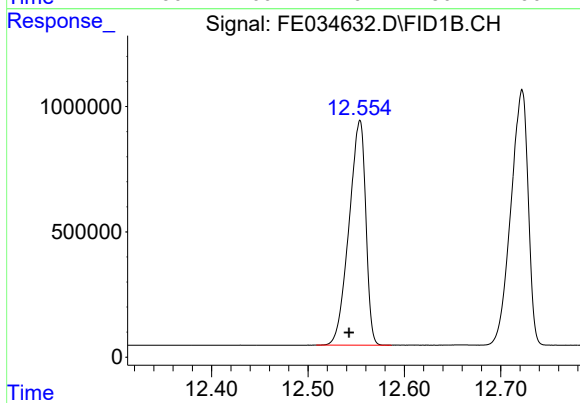
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.011 min
Response: 12541972
Conc: 100.88 ug/ml



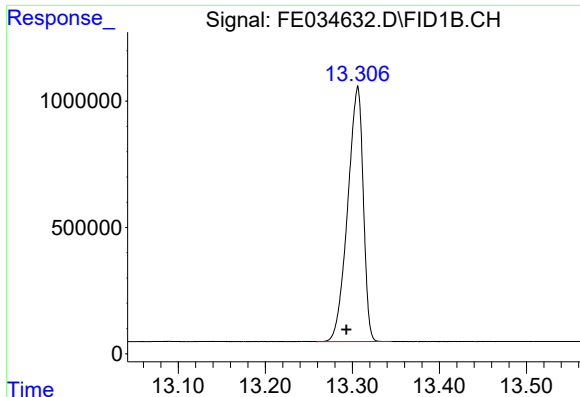
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.012 min
Response: 12652725
Conc: 100.78 ug/ml



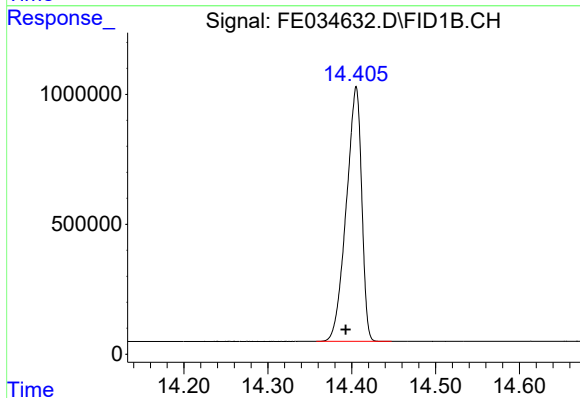
#12 1-chlorooctadecane (SURR)

R.T.: 12.554 min
Delta R.T.: 0.011 min
Response: 10818147
Conc: 101.77 ug/ml



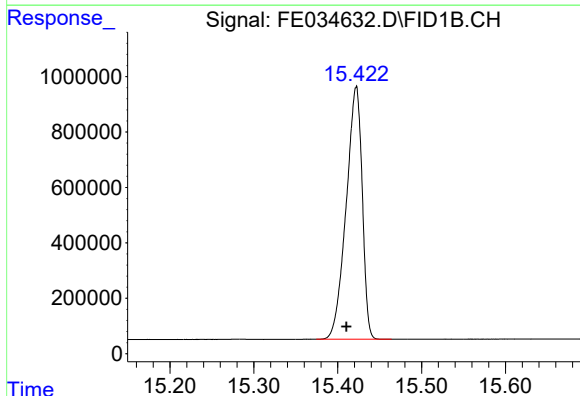
#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.013 min
Response: 12532833
Conc: 100.62 ug/ml



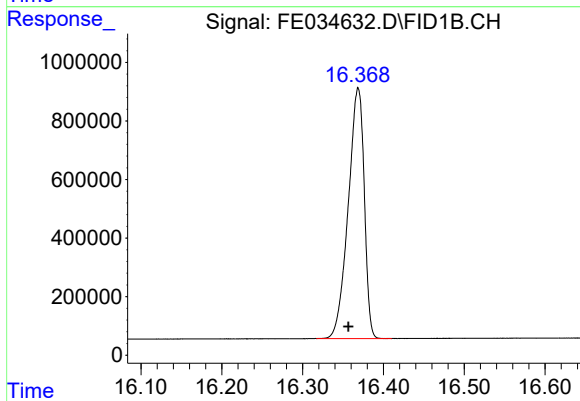
#14 n-Tetracosane (C24)

R.T.: 14.405 min
Delta R.T.: 0.013 min
Response: 12484269
Conc: 100.16 ug/ml



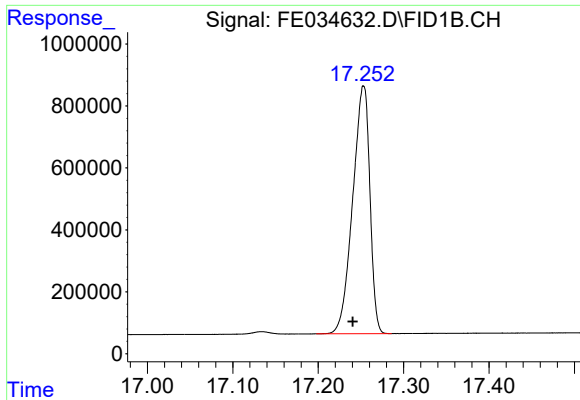
#15 n-Hexacosane (C26)

R.T.: 15.422 min
Delta R.T.: 0.012 min
Response: 12109593
Conc: 99.97 ug/ml



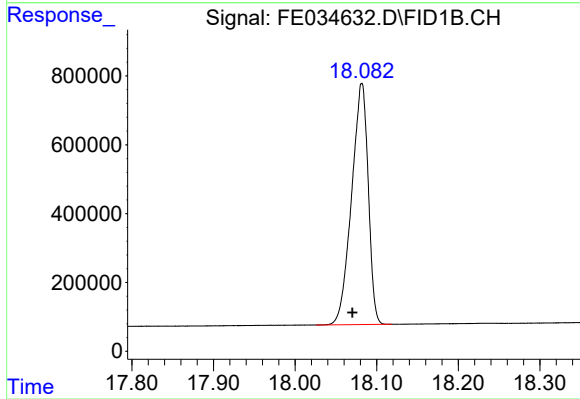
#16 n-Octacosane (C28)

R.T.: 16.369 min
Delta R.T.: 0.012 min
Response: 11781230
Conc: 100.01 ug/ml



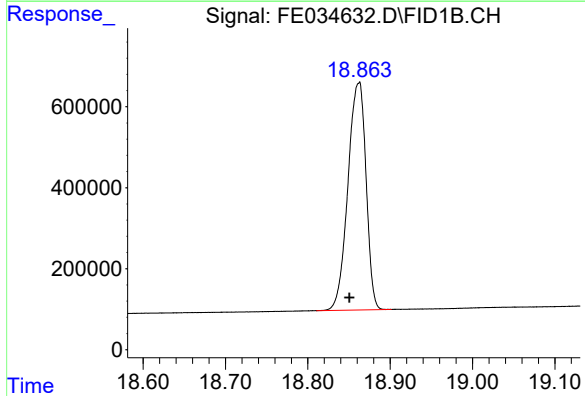
#17 n-Tricontane (C30)

R.T.: 17.253 min
Delta R.T.: 0.013 min
Response: 11182717
Conc: 100.60 ug/ml



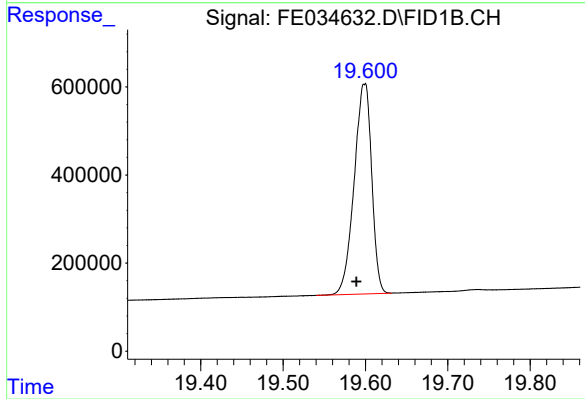
#18 n-Dotriacontane (C32)

R.T.: 18.082 min
Delta R.T.: 0.012 min
Response: 9925814
Conc: 101.71 ug/ml



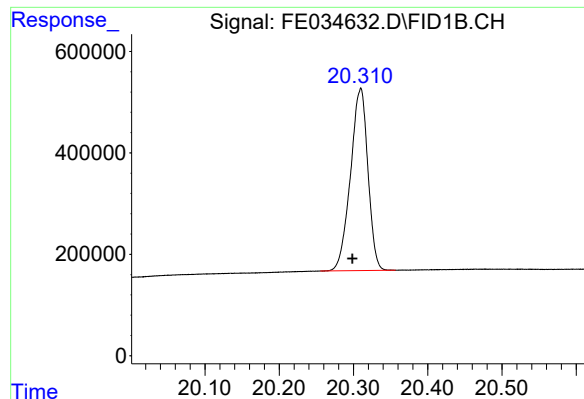
#19 n-Tetratriacontane (C34)

R.T.: 18.862 min
Delta R.T.: 0.011 min
Response: 8586088
Conc: 102.63 ug/ml



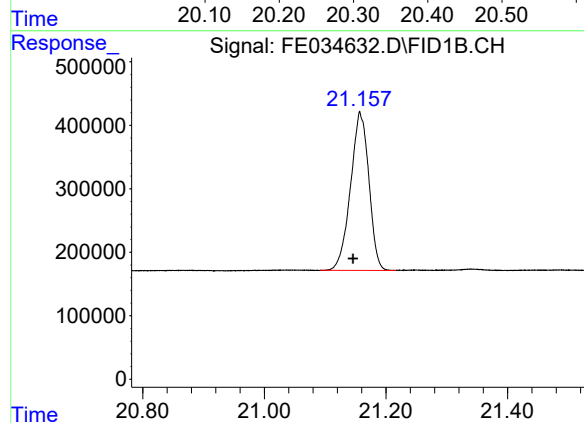
#20 n-Hexatriacontane (C36)

R.T.: 19.599 min
Delta R.T.: 0.010 min
Response: 7053055
Conc: 102.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.310 min
Delta R.T.: 0.011 min
Response: 5855822
Conc: 101.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.157 min
Delta R.T.: 0.011 min
Response: 5224653
Conc: 103.75 ug/ml