

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121321AL\
 Data File : FE034562.D
 Signal(s) : FID1B.CH
 Acq On : 13 Dec 2021 23:02
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 14 05:55:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121321.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 05:55:08 2021
 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)	11.665	11835194	97.440 ug/ml
Spiked Amount 50.000		Recovery =	194.88%
12) S 1-chlorooctadecane (S...	13.089	9349720	97.515 ug/ml
Spiked Amount 50.000		Recovery =	195.03%
Target Compounds			
1) T n-Nonane (C9)	3.397	10483061	97.113 ug/ml
2) T n-Decane (C10)	4.471	10568031	97.201 ug/ml
3) T A~Naphthalene (C11.7)	6.073	11915370	97.041 ug/ml
4) T n-Dodecane (C12)	6.493	10522504	97.514 ug/ml
5) T A~2-methylnaphthalene...	7.131	12004631	97.246 ug/ml
6) T n-Tetradecane (C14)	8.289	10591223	97.565 ug/ml
7) T n-Hexadecane (C16)	9.891	10676220	97.615 ug/ml
8) T n-Octadecane (C18)	11.333	10983924	97.618 ug/ml
10) T n-Eicosane (C20)	12.640	10936655	97.376 ug/ml
11) T n-Heneicosane (C21)	13.253	11062468	97.282 ug/ml
13) T n-Docosane (C22)	13.839	11014901	97.232 ug/ml
14) T n-Tetracosane (C24)	14.940	11111928	96.746 ug/ml
15) T n-Hexacosane (C26)	15.960	10962889	96.825 ug/ml
16) T n-Octacosane (C28)	16.911	10858424	96.423 ug/ml
17) T n-Tricontane (C30)	17.797	10596029	94.975 ug/ml
18) T n-Dotriacontane (C32)	18.629	10078106	94.441 ug/ml
19) T n-Tetratriacontane (C34)	19.412	9626533	93.862 ug/ml
20) T n-Hexatriacontane (C36)	20.151	8840430	92.182 ug/ml
21) T n-Octatriacontane (C38)	20.899	7895469	92.439 ug/ml
22) T n-Tetracontane (C40)	21.837	7258155	92.015 ug/ml

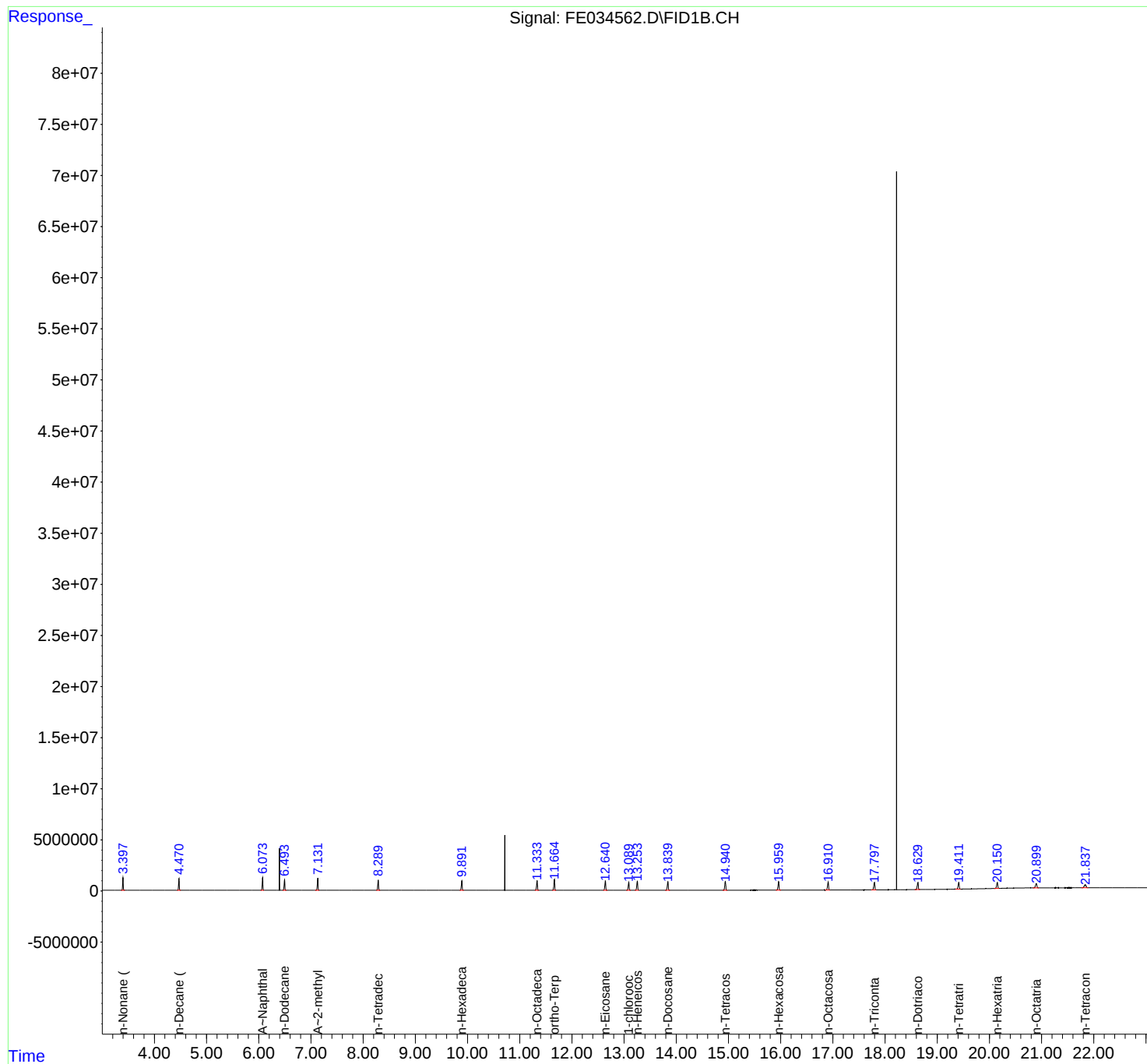
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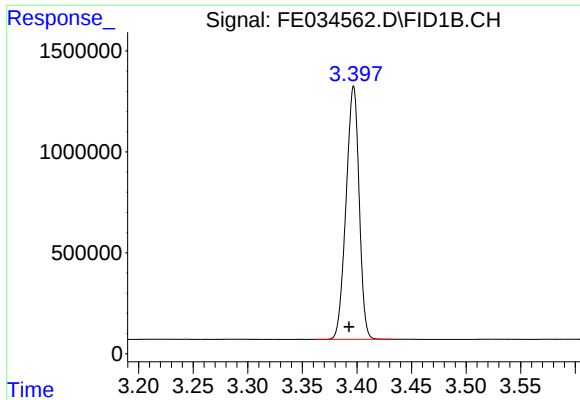
(m)=manual int.

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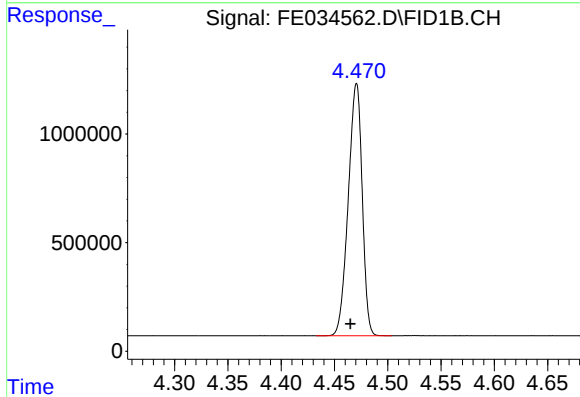
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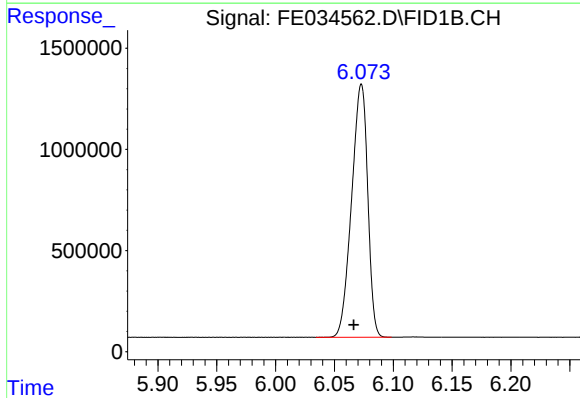
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.004 min
Response: 10483061
Conc: 97.11 ug/ml



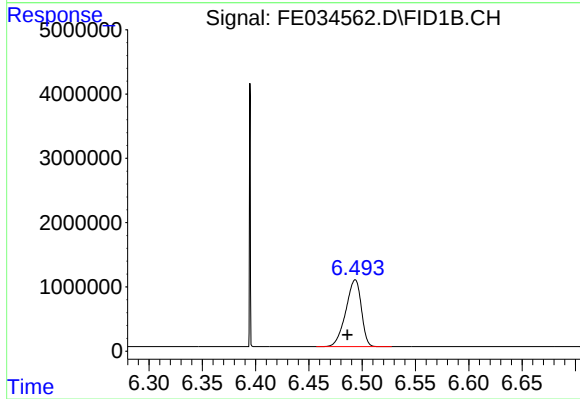
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.006 min
Response: 10568031
Conc: 97.20 ug/ml



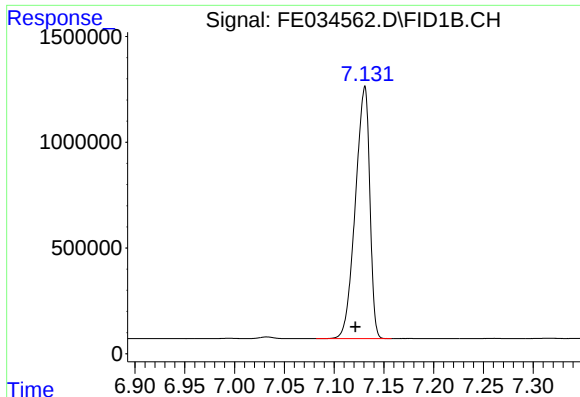
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.006 min
Response: 11915370
Conc: 97.04 ug/ml



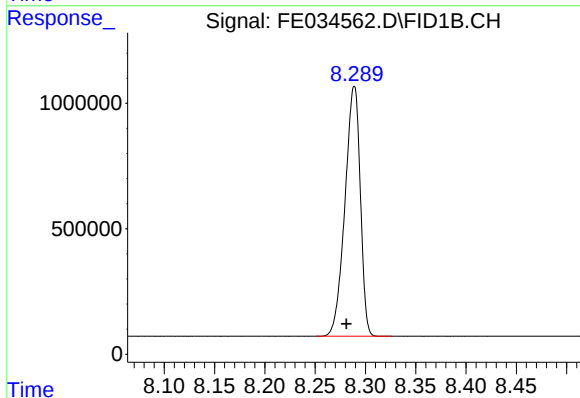
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.007 min
Response: 10522504
Conc: 97.51 ug/ml



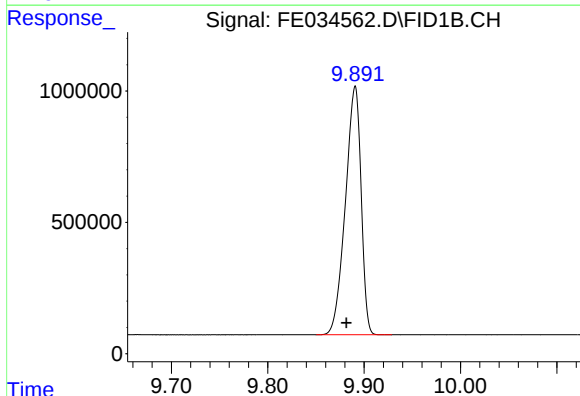
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.009 min
Response: 12004631
Conc: 97.25 ug/ml



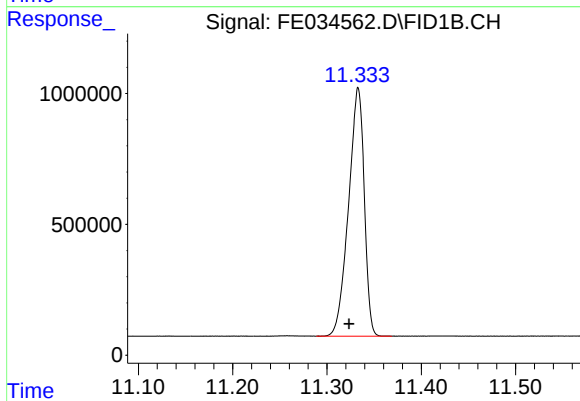
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.008 min
Response: 10591223
Conc: 97.56 ug/ml



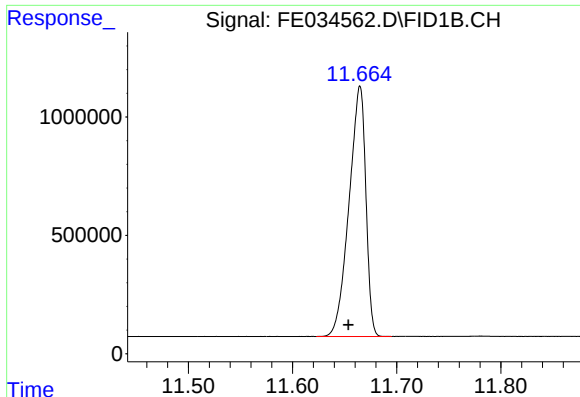
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: 0.009 min
Response: 10676220
Conc: 97.62 ug/ml



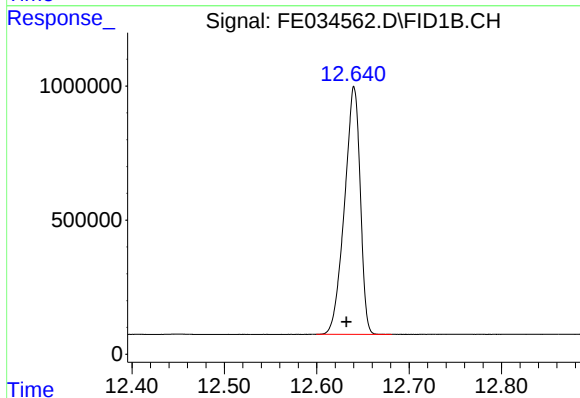
#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: 0.010 min
Response: 10983924
Conc: 97.62 ug/ml



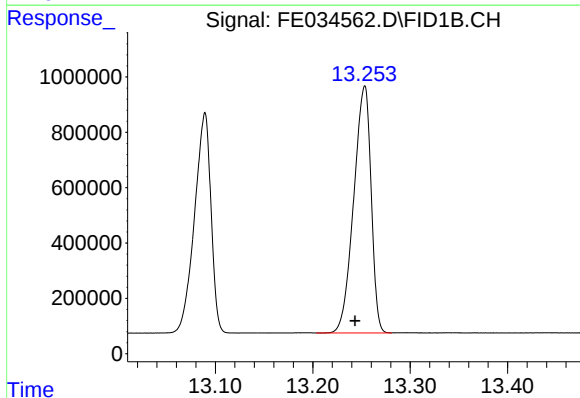
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.011 min
Response: 11835194
Conc: 97.44 ug/ml



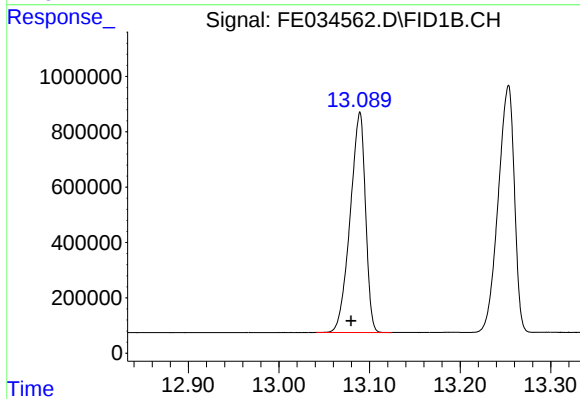
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: 0.008 min
Response: 10936655
Conc: 97.38 ug/ml



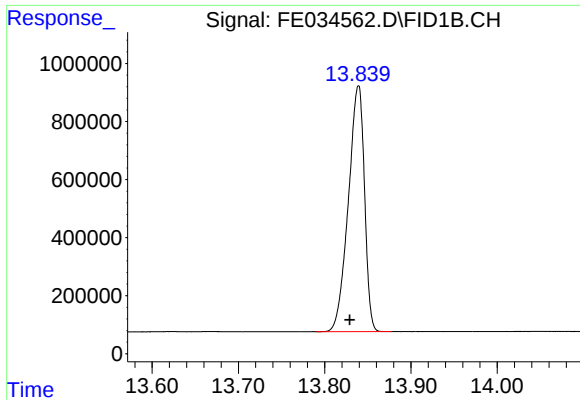
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: 0.010 min
Response: 11062468
Conc: 97.28 ug/ml



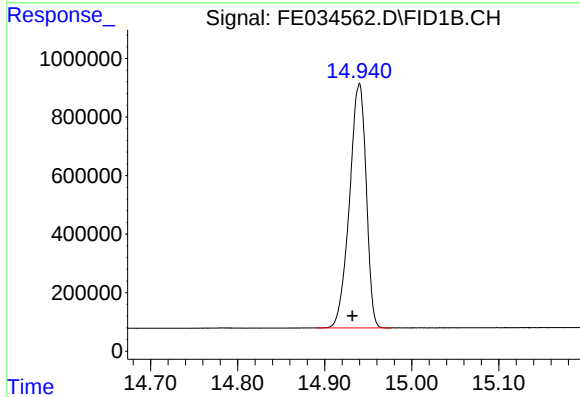
#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: 0.010 min
Response: 9349720
Conc: 97.51 ug/ml



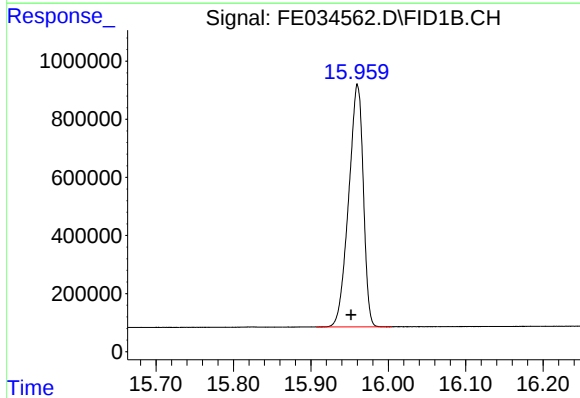
#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: 0.010 min
Response: 11014901
Conc: 97.23 ug/ml



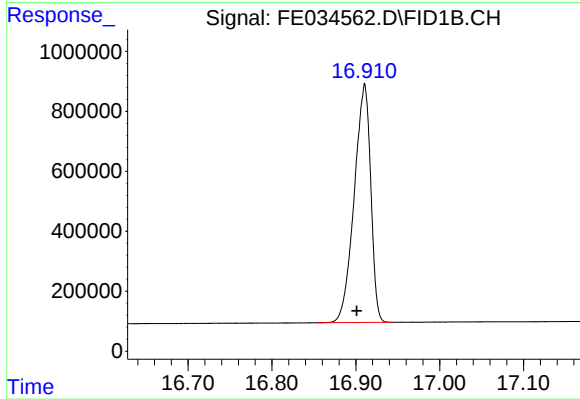
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: 0.008 min
Response: 11111928
Conc: 96.75 ug/ml



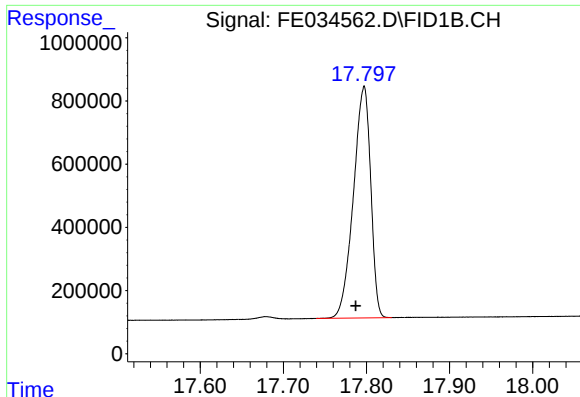
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.008 min
Response: 10962889
Conc: 96.83 ug/ml



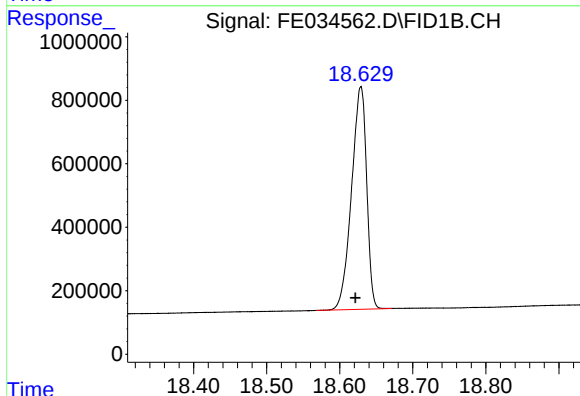
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: 0.010 min
Response: 10858424
Conc: 96.42 ug/ml



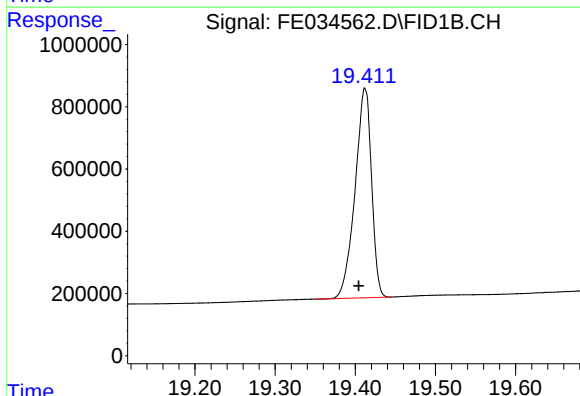
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: 0.010 min
Response: 10596029
Conc: 94.98 ug/ml



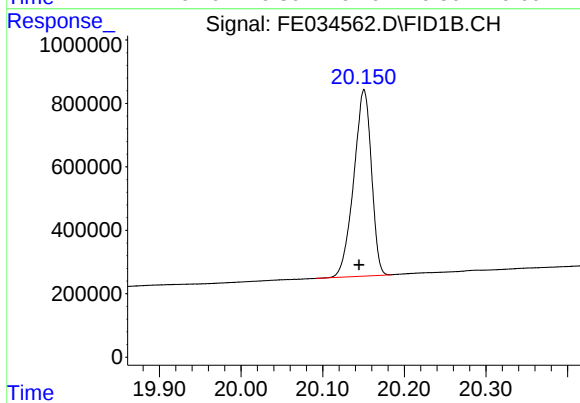
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.008 min
Response: 10078106
Conc: 94.44 ug/ml



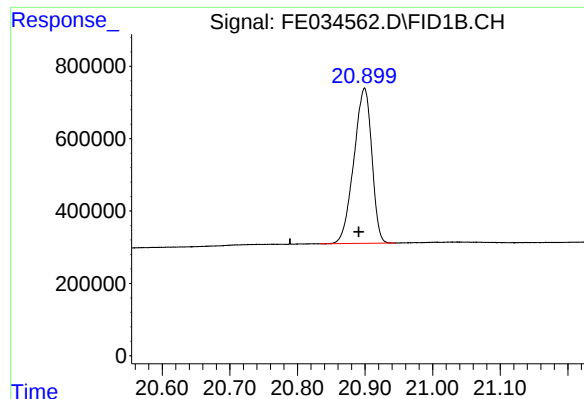
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: 0.008 min
Response: 9626533
Conc: 93.86 ug/ml



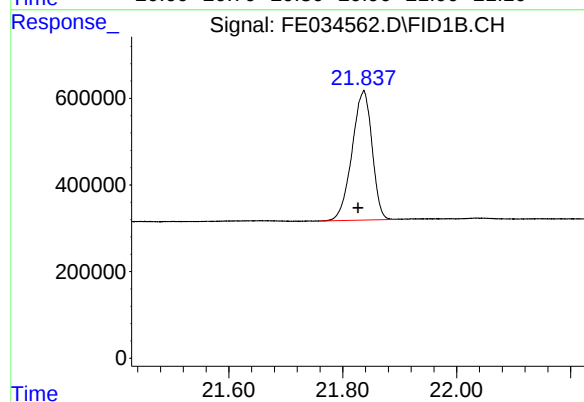
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: 0.006 min
Response: 8840430
Conc: 92.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.899 min
Delta R.T.: 0.008 min
Response: 7895469
Conc: 92.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.837 min
Delta R.T.: 0.010 min
Response: 7258155
Conc: 92.01 ug/ml