

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022422AL\
 Data File : FE035171.D
 Signal(s) : FID1B.CH
 Acq On : 24 Feb 2022 1:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 01:29:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022422.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 00:32:00 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)	11.732	20618867	20.453 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
12) S 1-chlorooctadecane (S...	13.146	15088810	21.064 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.636	18265373	20.497 ug/ml
2) T n-Decane (C10)	4.617	19141124	20.951 ug/ml
3) T A~Naphthalene (C11.7)	6.165	20302288	20.343 ug/ml
4) T n-Dodecane (C12)	6.583	19352859	20.486 ug/ml
5) T A~2-methylnaphthalene...	7.214	20109175	20.235 ug/ml
6) T n-Tetradecane (C14)	8.368	19254883	20.392 ug/ml
7) T n-Hexadecane (C16)	9.963	19244941	20.265 ug/ml
8) T n-Octadecane (C18)	11.402	19340943	20.155 ug/ml
10) T n-Eicosane (C20)	12.703	18914711	20.536 ug/ml
11) T n-Heneicosane (C21)	13.313	18544857	20.491 ug/ml
13) T n-Docosane (C22)	13.896	17986637	20.402 ug/ml
14) T n-Tetracosane (C24)	14.993	16622442	19.938 ug/ml
15) T n-Hexacosane (C26)	16.007	15251814	19.586 ug/ml
16) T n-Octacosane (C28)	16.952	14201202	19.914 ug/ml
17) T n-Tricontane (C30)	17.834	13008427	21.075 ug/ml
18) T n-Dotriacontane (C32)	18.660	10654034	22.879 ug/ml
19) T n-Tetratriacontane (C34)	19.435	6587431	21.554 ug/ml
20) T n-Hexatriacontane (C36)	20.167	2882707	16.358 ug/ml
21) T n-Octatriacontane (C38)	20.912	1434064	15.603 ug/ml
22) T n-Tetracontane (C40)	21.839	1132821	22.083 ug/ml

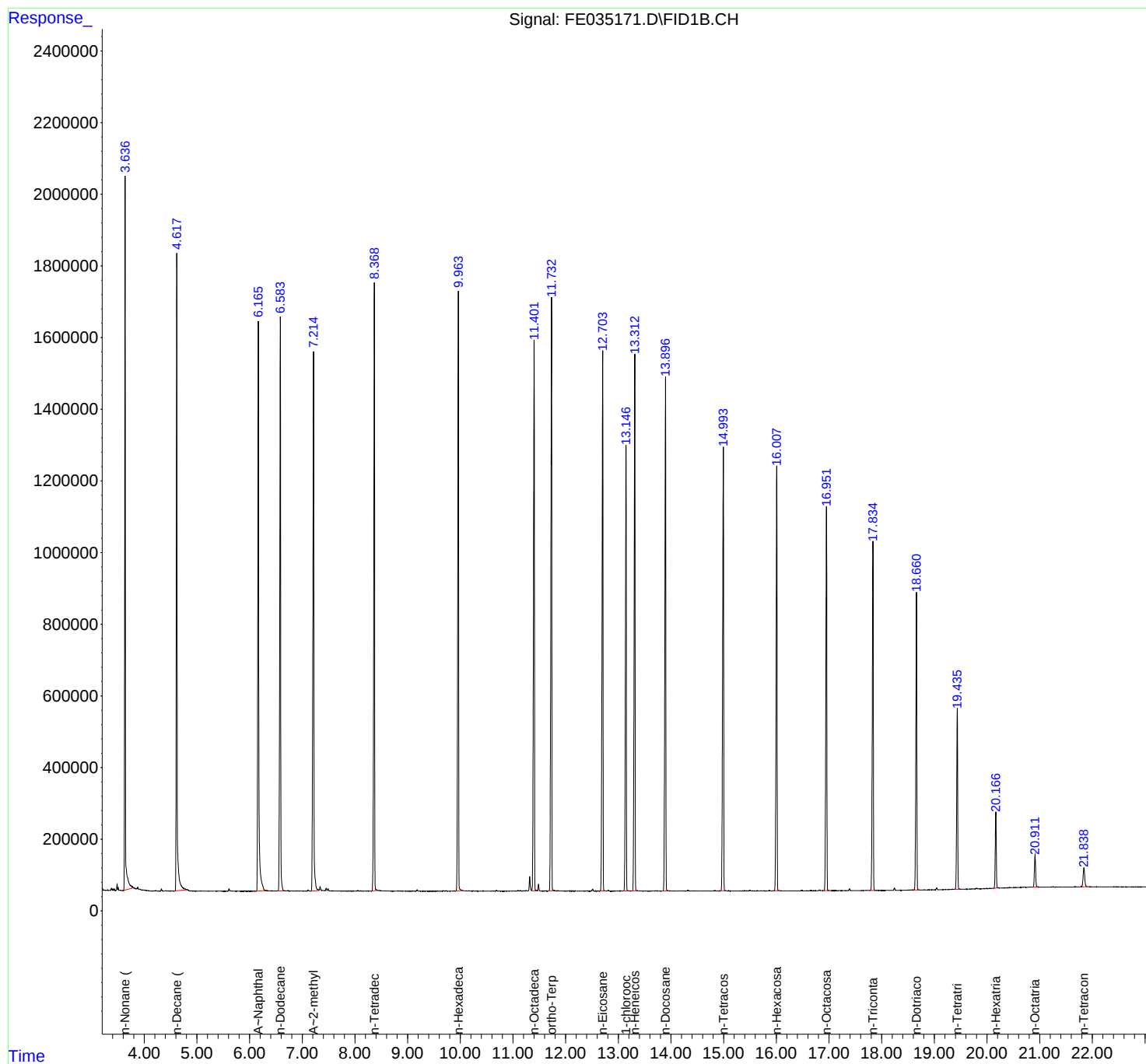
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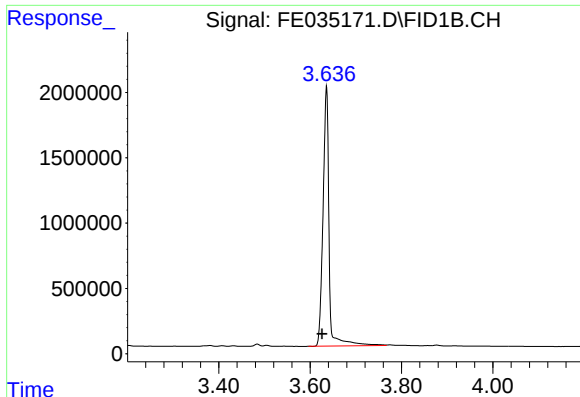
(m)=manual int.

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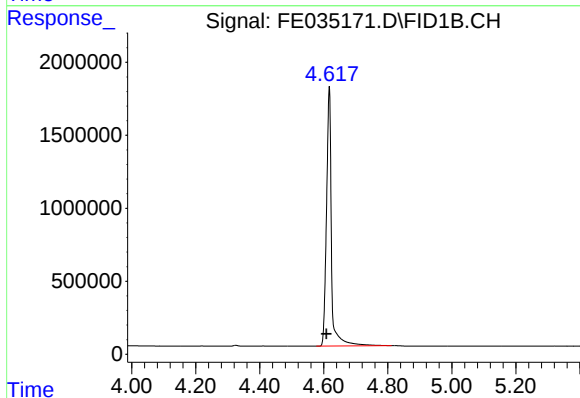
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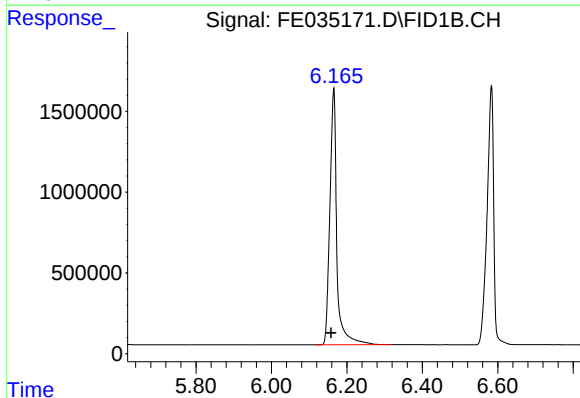
#1 n-Nonane (C9)

R.T.: 3.636 min
Delta R.T.: 0.010 min
Response: 18265373
Conc: 20.50 ug/ml



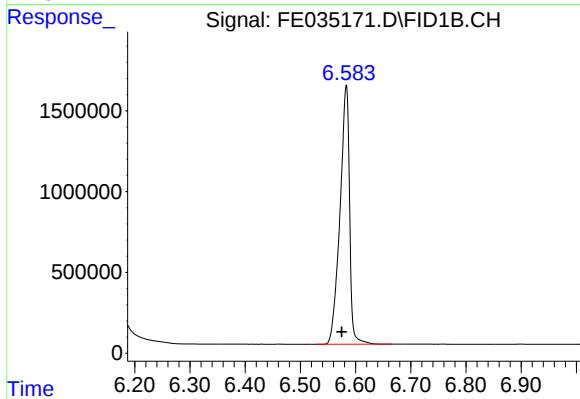
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.009 min
Response: 19141124
Conc: 20.95 ug/ml



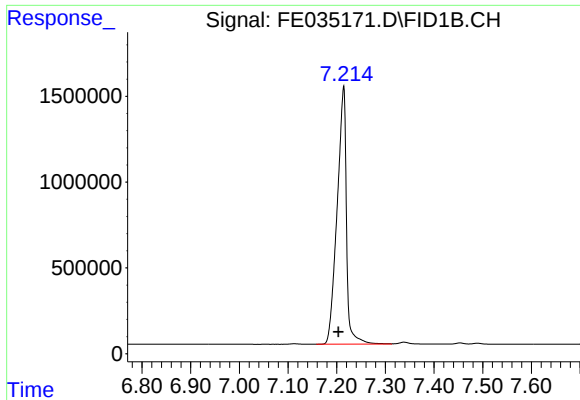
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: 0.007 min
Response: 20302288
Conc: 20.34 ug/ml



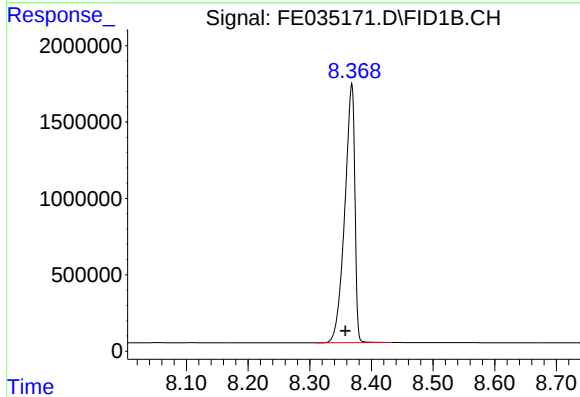
#4 n-Dodecane (C12)

R.T.: 6.583 min
Delta R.T.: 0.008 min
Response: 19352859
Conc: 20.49 ug/ml



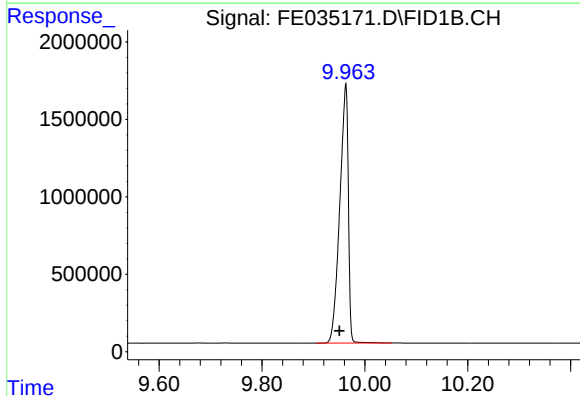
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.214 min
Delta R.T.: 0.010 min
Response: 20109175
Conc: 20.23 ug/ml



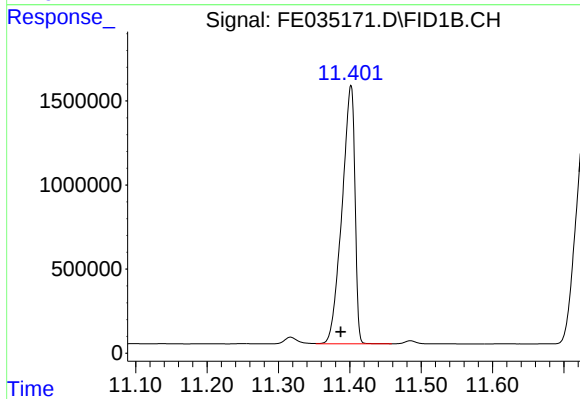
#6 n-Tetradecane (C14)

R.T.: 8.368 min
Delta R.T.: 0.011 min
Response: 19254883
Conc: 20.39 ug/ml



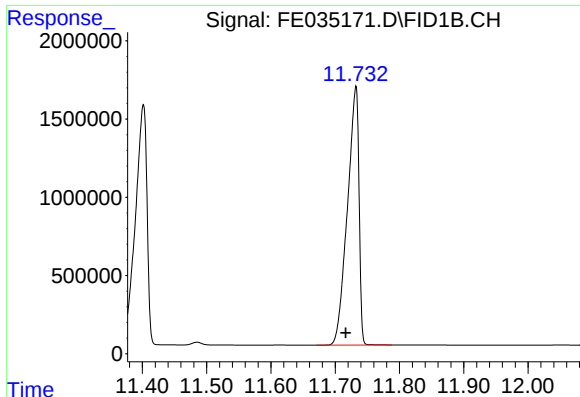
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: 0.012 min
Response: 19244941
Conc: 20.27 ug/ml



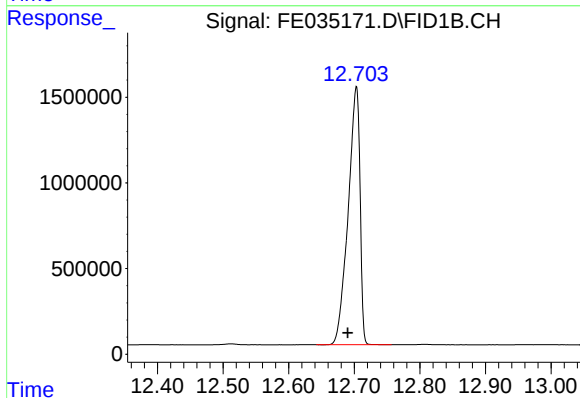
#8 n-Octadecane (C18)

R.T.: 11.402 min
Delta R.T.: 0.015 min
Response: 19340943
Conc: 20.16 ug/ml



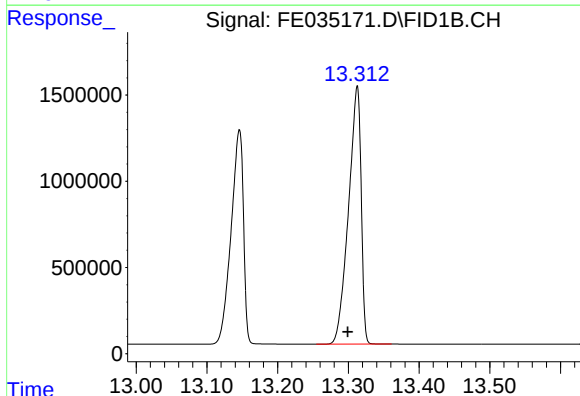
#9 ortho-Terphenyl (SURR)

R.T.: 11.732 min
Delta R.T.: 0.016 min
Response: 20618867
Conc: 20.45 ug/ml



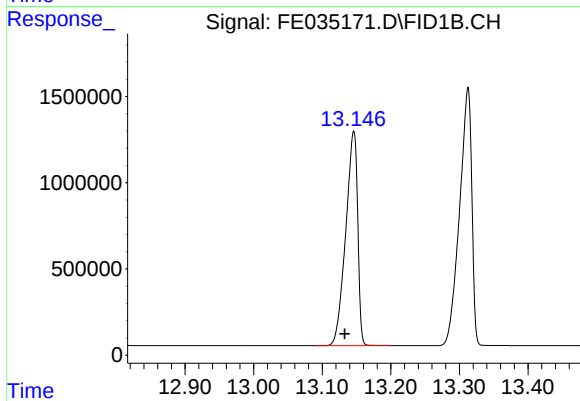
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.013 min
Response: 18914711
Conc: 20.54 ug/ml



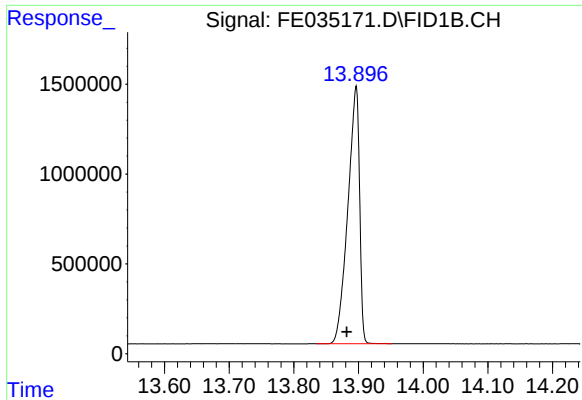
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: 0.013 min
Response: 18544857
Conc: 20.49 ug/ml



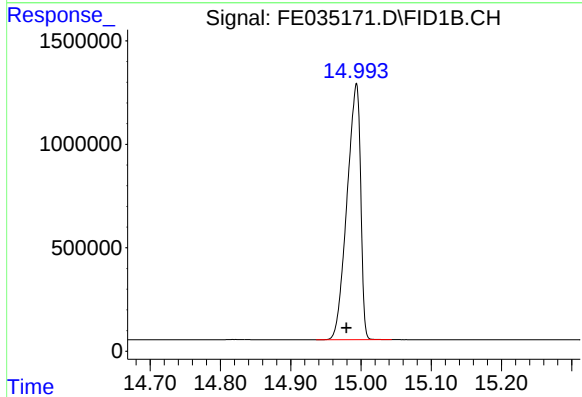
#12 1-chlorooctadecane (SURR)

R.T.: 13.146 min
Delta R.T.: 0.013 min
Response: 15088810
Conc: 21.06 ug/ml



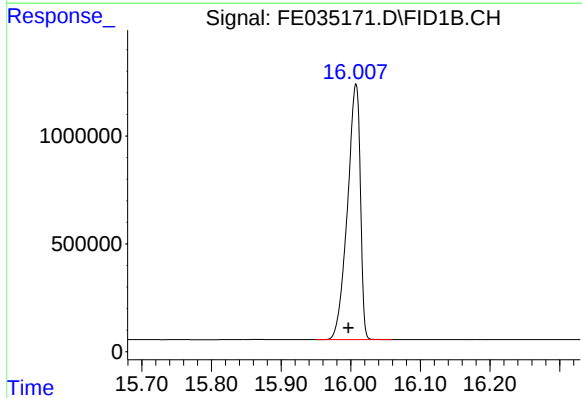
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: 0.014 min
Response: 17986637
Conc: 20.40 ug/ml



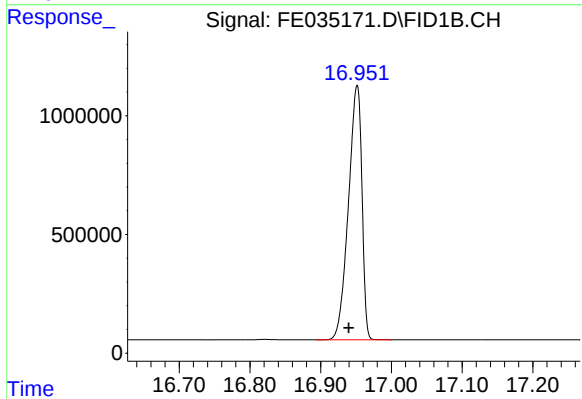
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: 0.014 min
Response: 16622442
Conc: 19.94 ug/ml



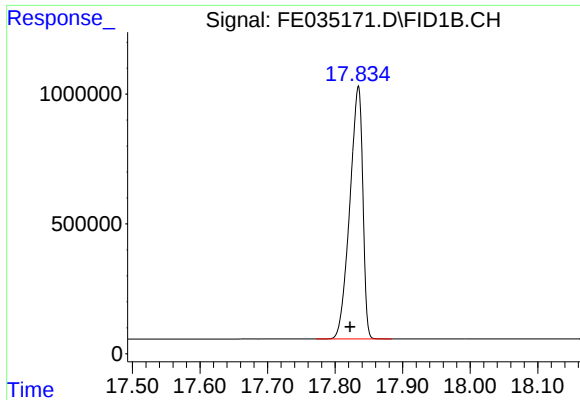
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: 0.011 min
Response: 15251814
Conc: 19.59 ug/ml



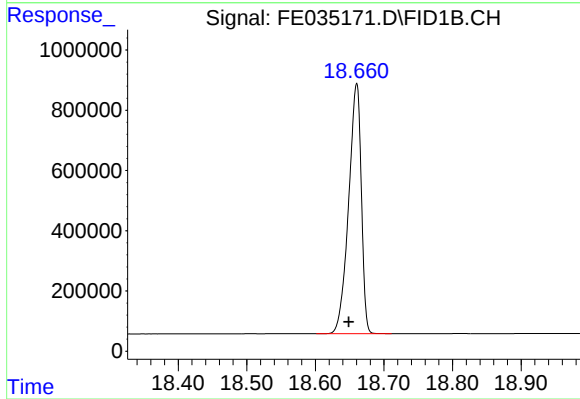
#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: 0.012 min
Response: 14201202
Conc: 19.91 ug/ml



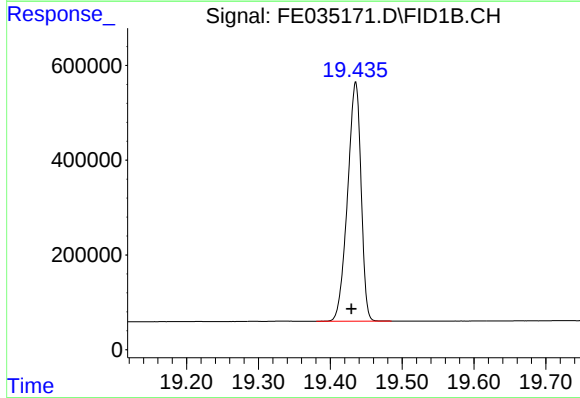
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: 0.012 min
Response: 13008427
Conc: 21.07 ug/ml



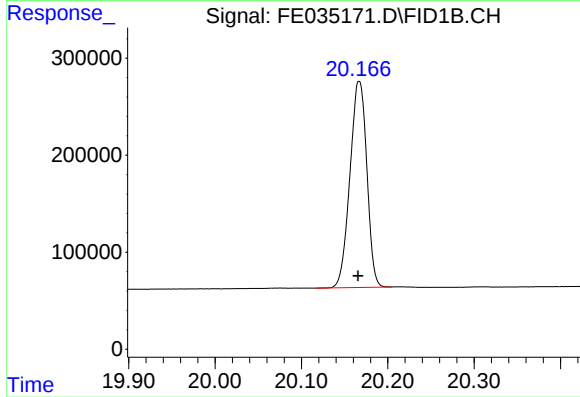
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.012 min
Response: 10654034
Conc: 22.88 ug/ml



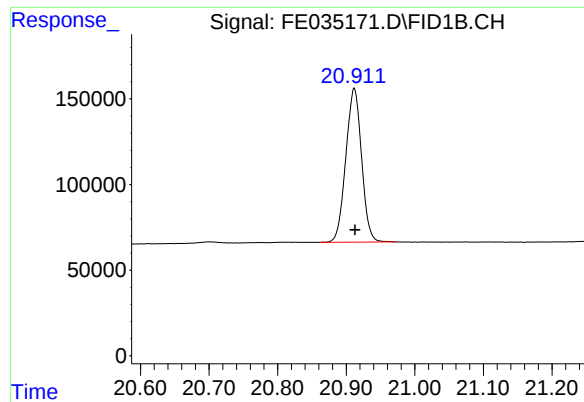
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.006 min
Response: 6587431
Conc: 21.55 ug/ml



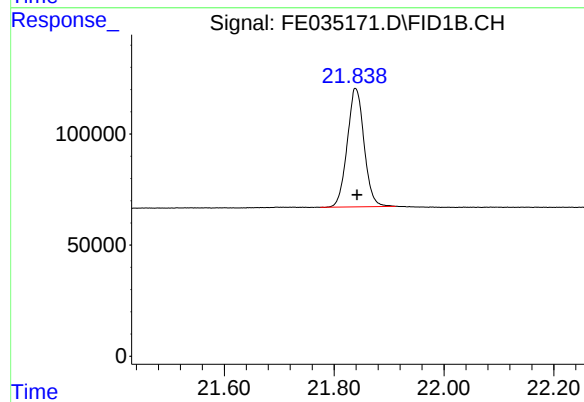
#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: 0.001 min
Response: 2882707
Conc: 16.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.001 min
Response: 1434064
Conc: 15.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.003 min
Response: 1132821
Conc: 22.08 ug/ml