

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022422AL\
 Data File : FE035173.D
 Signal(s) : FID1B.CH
 Acq On : 24 Feb 2022 2:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 03:05:33 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	20912986	20.745 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	13.146	15101196	21.082 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T n-Nonane (C9)	3.633	18641682	20.919 ug/ml
2) T n-Decane (C10)	4.616	19151991	20.962 ug/ml
3) T A~Naphthalene (C11.7)	6.165	20674302	20.716 ug/ml
4) T n-Dodecane (C12)	6.584	19812612	20.973 ug/ml
5) T A~2-methylnaphthalene...	7.214	20552877	20.681 ug/ml
6) T n-Tetradecane (C14)	8.367	19841032	21.012 ug/ml
7) T n-Hexadecane (C16)	9.962	19924070	20.980 ug/ml
8) T n-Octadecane (C18)	11.401	20055648	20.900 ug/ml
10) T n-Eicosane (C20)	12.703	19396178	21.058 ug/ml
11) T n-Heneicosane (C21)	13.313	19040975	21.039 ug/ml
13) T n-Docosane (C22)	13.896	18418082	20.891 ug/ml
14) T n-Tetracosane (C24)	14.993	16971091	20.356 ug/ml
15) T n-Hexacosane (C26)	16.007	15685387	20.143 ug/ml
16) T n-Octacosane (C28)	16.951	14641688	20.532 ug/ml
17) T n-Tricontane (C30)	17.834	13100510	21.224 ug/ml
18) T n-Dotriacontane (C32)	18.659	10108387	21.707 ug/ml
19) T n-Tetratriacontane (C34)	19.433	5890238	19.273 ug/ml
20) T n-Hexatriacontane (C36)	20.166	2376224	13.484 ug/ml
21) T n-Octatriacontane (C38)	20.911	1253291	13.636 ug/ml
22) T n-Tetracontane (C40)	21.839	1002455	19.542 ug/ml

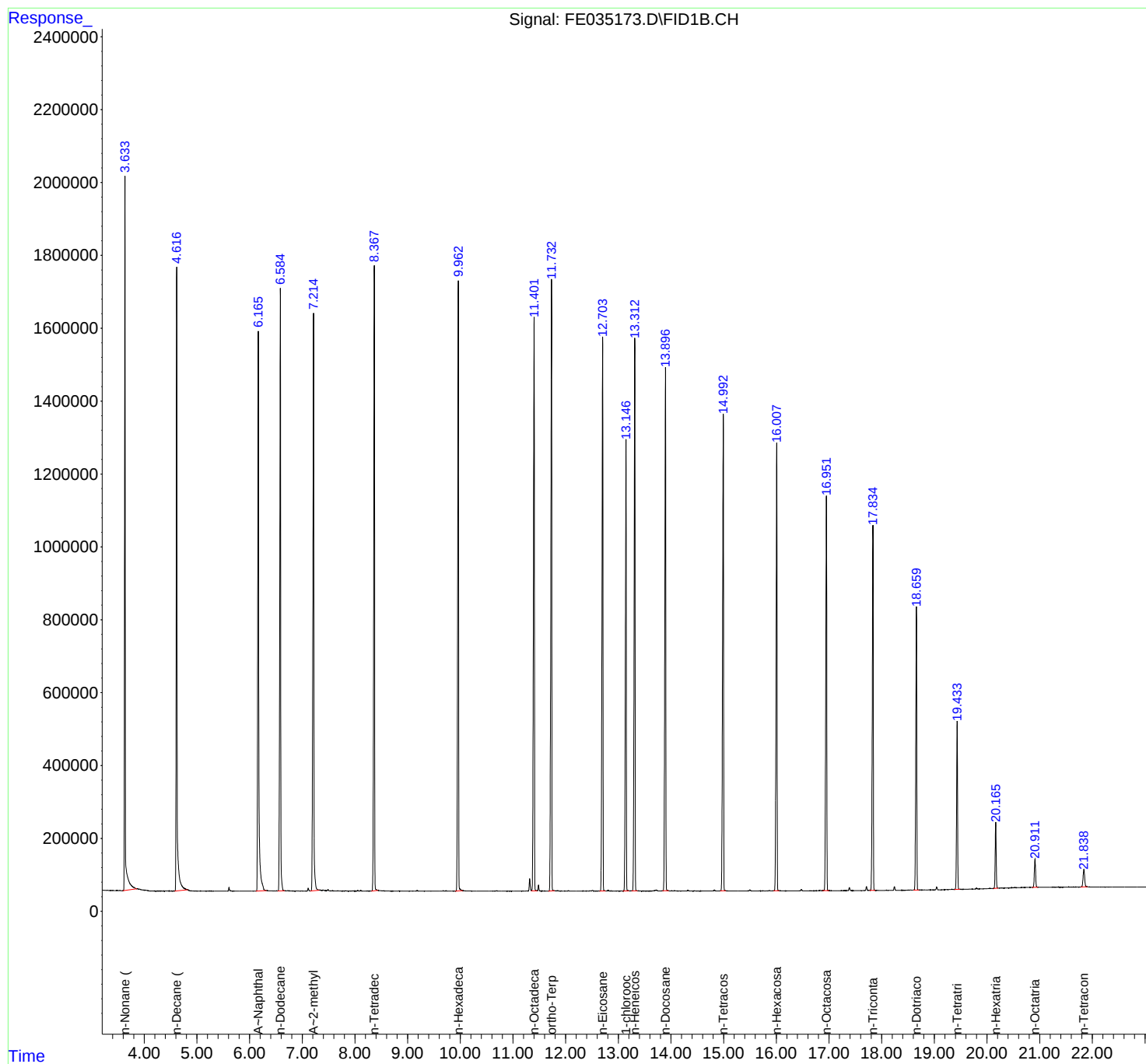
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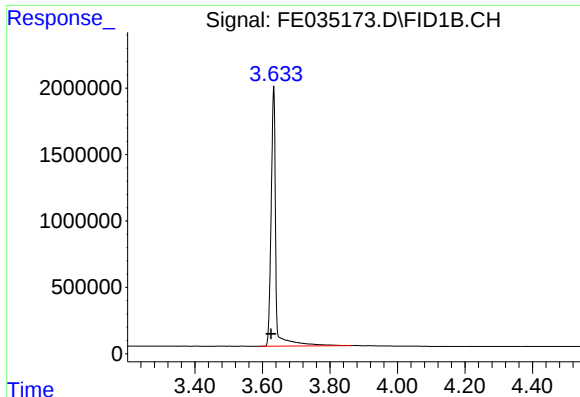
(m)=manual int.

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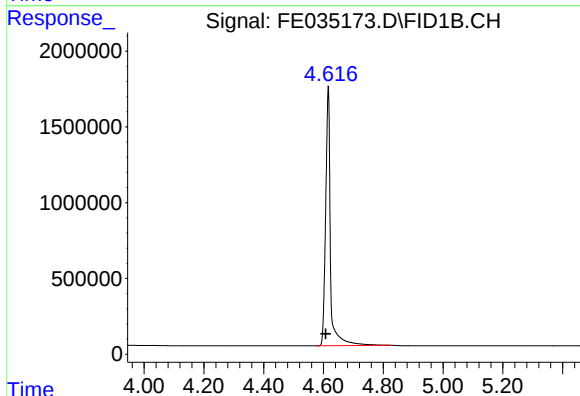
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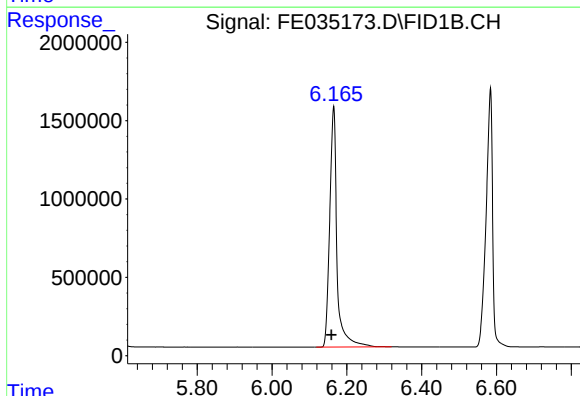
#1 n-Nonane (C9)

R.T.: 3.633 min
Delta R.T.: 0.007 min
Response: 18641682
Conc: 20.92 ug/ml



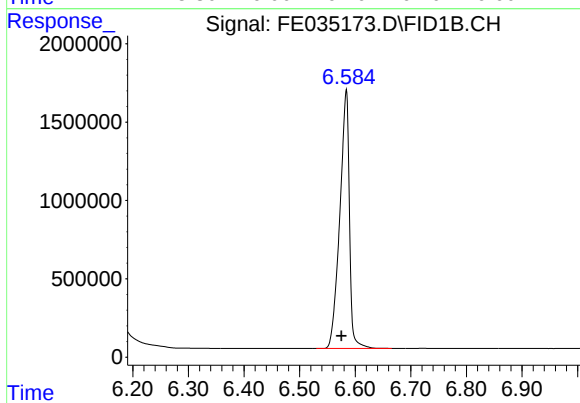
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.008 min
Response: 19151991
Conc: 20.96 ug/ml



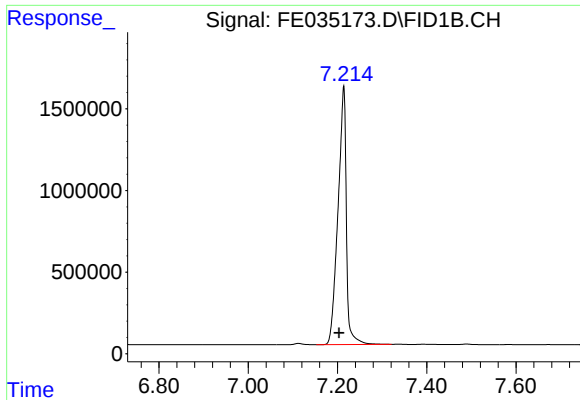
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: 0.006 min
Response: 20674302
Conc: 20.72 ug/ml



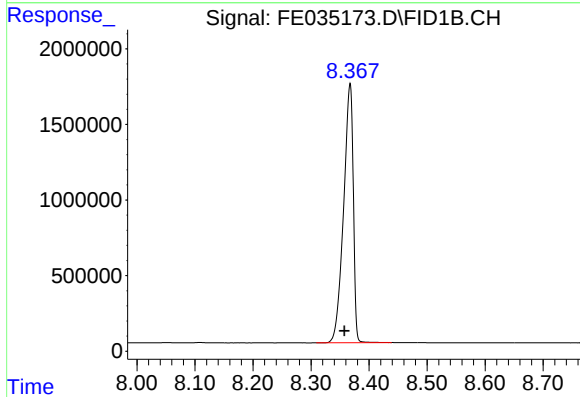
#4 n-Dodecane (C12)

R.T.: 6.584 min
Delta R.T.: 0.009 min
Response: 19812612
Conc: 20.97 ug/ml



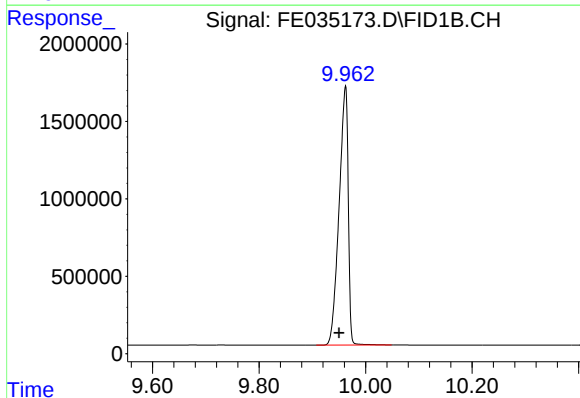
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.214 min
Delta R.T.: 0.010 min
Response: 20552877
Conc: 20.68 ug/ml



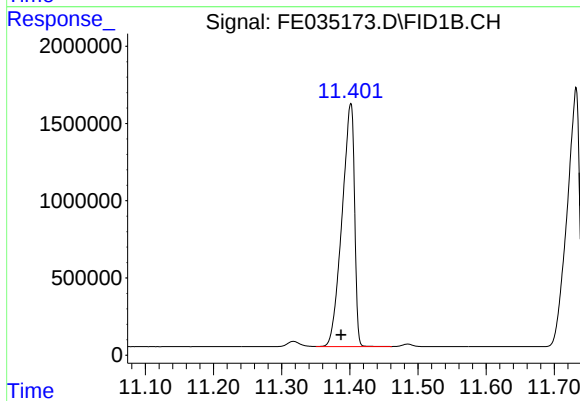
#6 n-Tetradecane (C14)

R.T.: 8.367 min
Delta R.T.: 0.010 min
Response: 19841032
Conc: 21.01 ug/ml



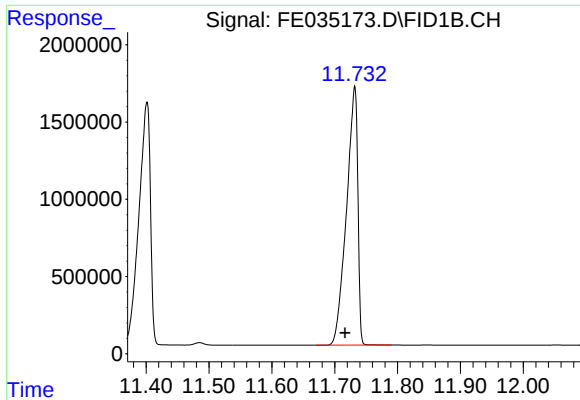
#7 n-Hexadecane (C16)

R.T.: 9.962 min
Delta R.T.: 0.012 min
Response: 19924070
Conc: 20.98 ug/ml



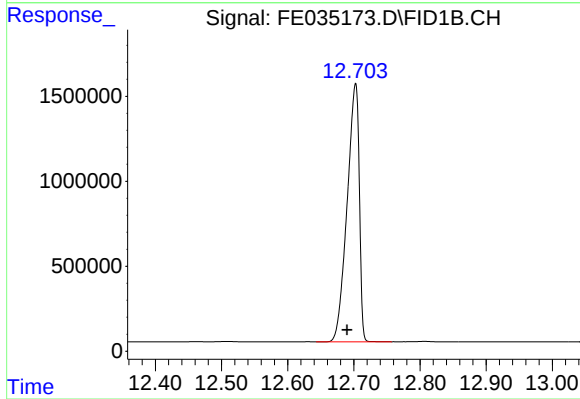
#8 n-Octadecane (C18)

R.T.: 11.401 min
Delta R.T.: 0.014 min
Response: 20055648
Conc: 20.90 ug/ml



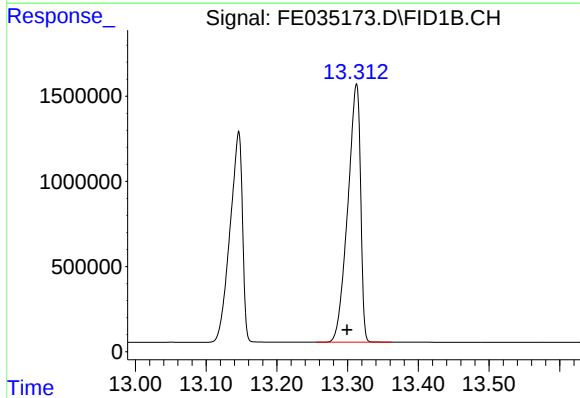
#9 ortho-Terphenyl (SURR)

R.T.: 11.732 min
Delta R.T.: 0.016 min
Response: 20912986
Conc: 20.74 ug/ml



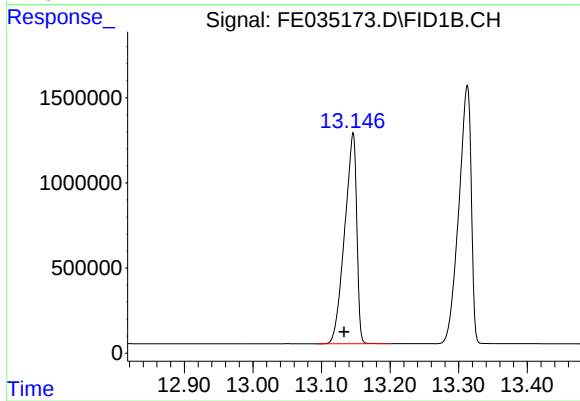
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.013 min
Response: 19396178
Conc: 21.06 ug/ml



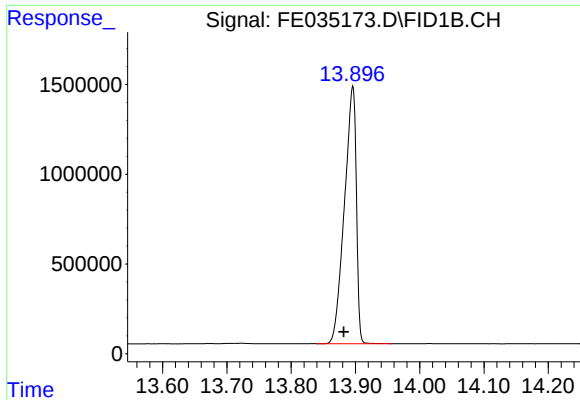
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: 0.013 min
Response: 19040975
Conc: 21.04 ug/ml



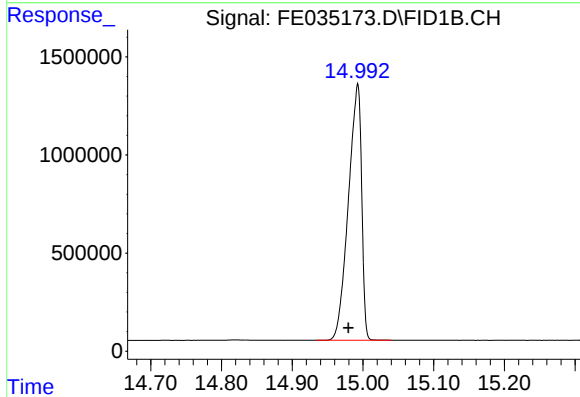
#12 1-chlorooctadecane (SURR)

R.T.: 13.146 min
Delta R.T.: 0.013 min
Response: 15101196
Conc: 21.08 ug/ml



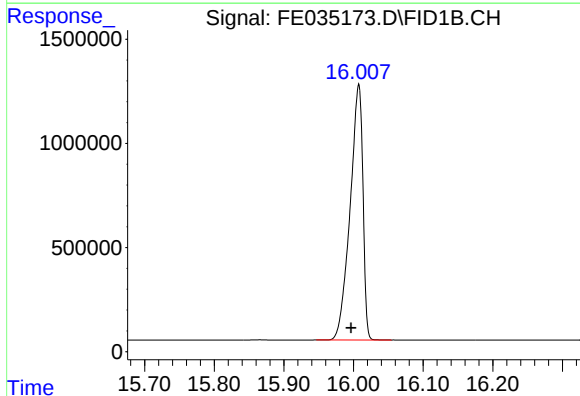
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: 0.014 min
Response: 18418082
Conc: 20.89 ug/ml



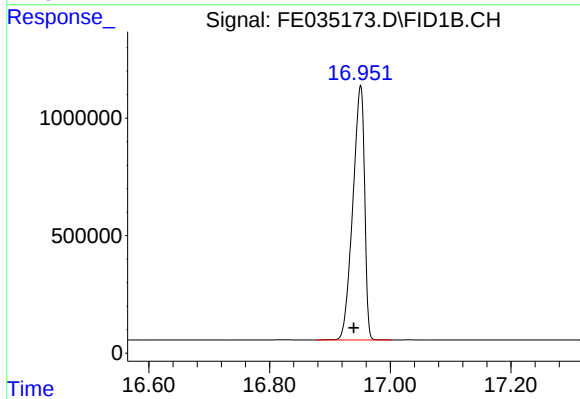
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: 0.013 min
Response: 16971091
Conc: 20.36 ug/ml



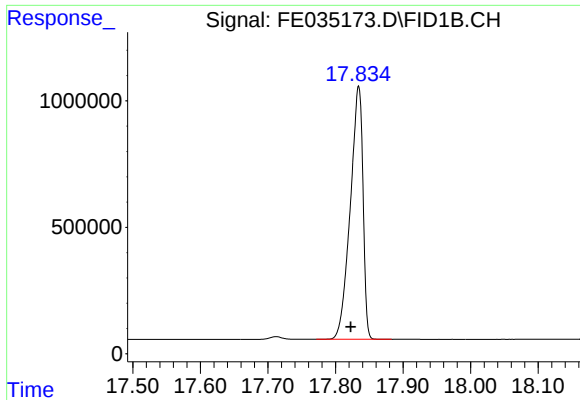
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: 0.011 min
Response: 15685387
Conc: 20.14 ug/ml



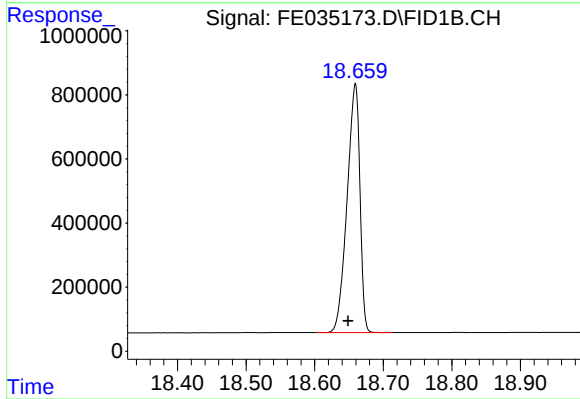
#16 n-Octacosane (C28)

R.T.: 16.951 min
Delta R.T.: 0.011 min
Response: 14641688
Conc: 20.53 ug/ml



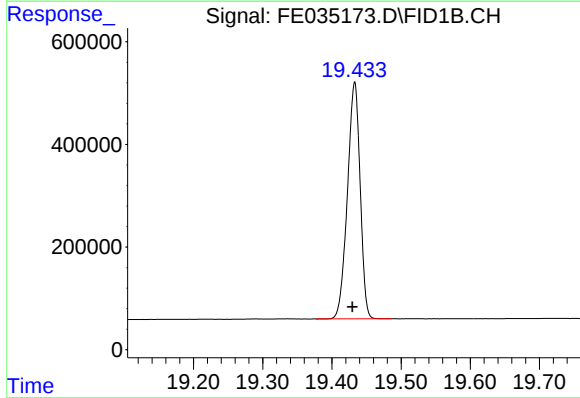
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: 0.012 min
Response: 13100510
Conc: 21.22 ug/ml



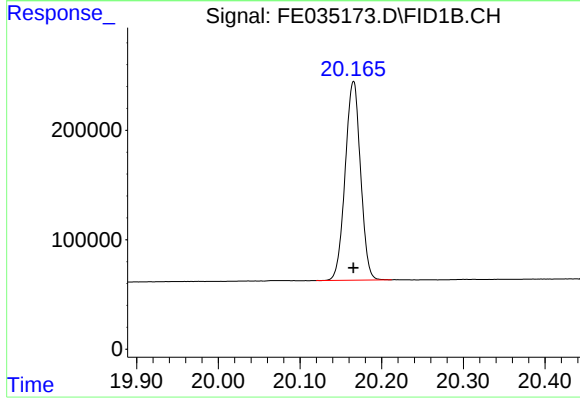
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.011 min
Response: 10108387
Conc: 21.71 ug/ml



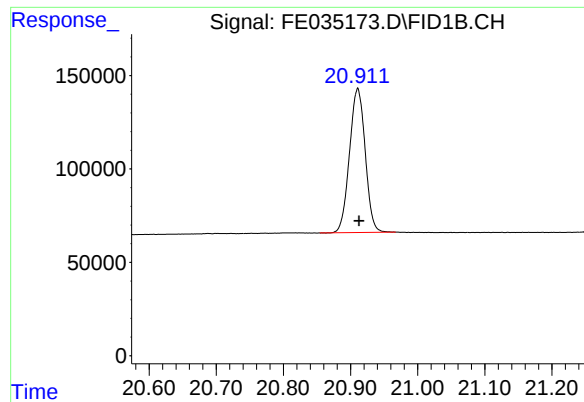
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: 0.004 min
Response: 5890238
Conc: 19.27 ug/ml



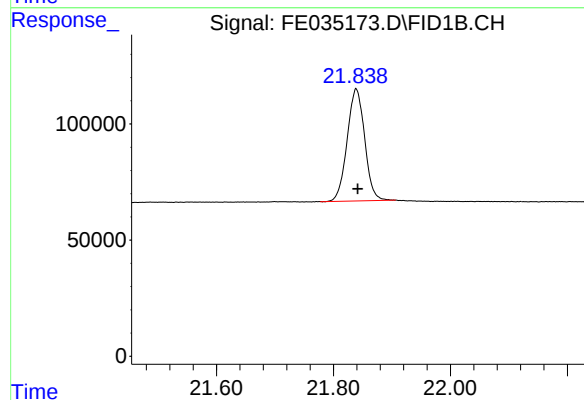
#20 n-Hexatriacontane (C36)

R.T.: 20.166 min
Delta R.T.: 0.000 min
Response: 2376224
Conc: 13.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: -0.002 min
Response: 1253291
Conc: 13.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.839 min
Delta R.T.: -0.003 min
Response: 1002455
Conc: 19.54 ug/ml