

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032322AL\
 Data File : FE035500.D
 Signal(s) : FID1B.CH
 Acq On : 23 Mar 2022 10:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 12:47:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 12:46:31 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)	11.369	12322992	99.897 ug/ml
Spiked Amount 50.000		Recovery =	199.79%
12) S 1-chlorooctadecane (S...	12.799	8838328	99.461 ug/ml
Spiked Amount 50.000		Recovery =	198.92%
Target Compounds			
1) T n-Nonane (C9)	3.175	10563700	102.489 ug/ml
2) T n-Decane (C10)	4.231	10542698	102.567 ug/ml
3) T A~Naphthalene (C11.7)	5.802	11791236	107.016 ug/ml
4) T n-Dodecane (C12)	6.239	10829149	102.153 ug/ml
5) T A~2-methylnaphthalene...	6.855	11897727	108.806 ug/ml
6) T n-Tetradecane (C14)	8.026	10944664	101.293 ug/ml
7) T n-Hexadecane (C16)	9.620	11020057	100.727 ug/ml
8) T n-Octadecane (C18)	11.057	11207041	99.506 ug/ml
10) T n-Eicosane (C20)	12.359	11026980	99.101 ug/ml
11) T n-Heneicosane (C21)	12.967	11028485	98.683 ug/ml
13) T n-Docosane (C22)	13.552	10988592	99.154 ug/ml
14) T n-Tetracosane (C24)	14.649	10838867	98.858 ug/ml
15) T n-Hexacosane (C26)	15.667	10524349	98.926 ug/ml
16) T n-Octacosane (C28)	16.611	10142968	99.608 ug/ml
17) T n-Tricontane (C30)	17.493	9551555	99.862 ug/ml
18) T n-Dotriacontane (C32)	18.323	8658542	100.037 ug/ml
19) T n-Tetratriacontane (C34)	19.101	7726958	98.680 ug/ml
20) T n-Hexatriacontane (C36)	19.837	6880423	98.207 ug/ml
21) T n-Octatriacontane (C38)	20.539	6044754	98.610 ug/ml
22) T n-Tetracontane (C40)	21.349	4659741	103.905 ug/ml

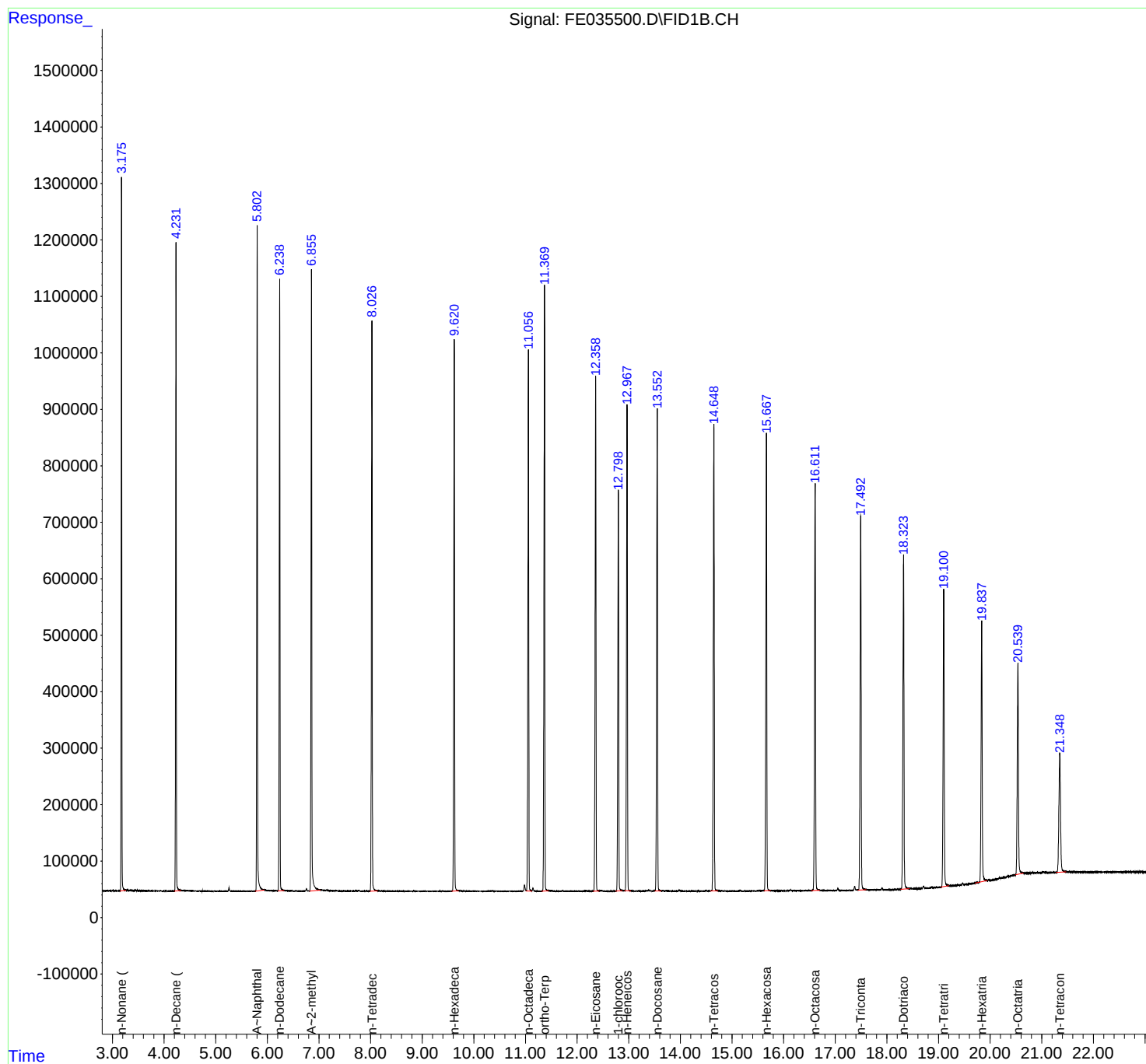
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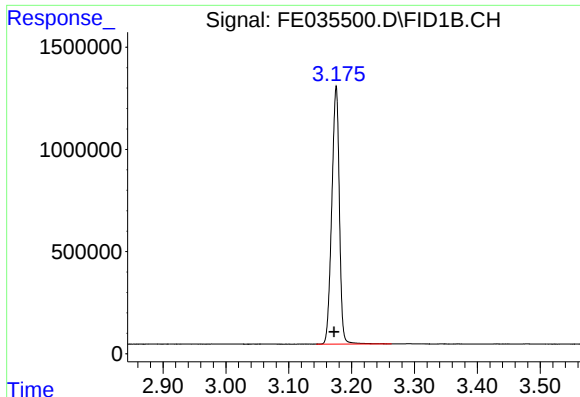
(m)=manual int.

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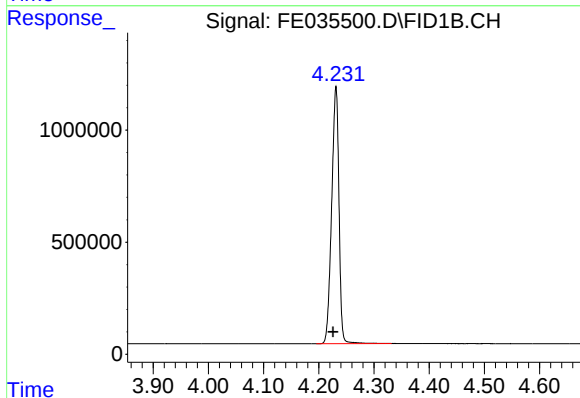
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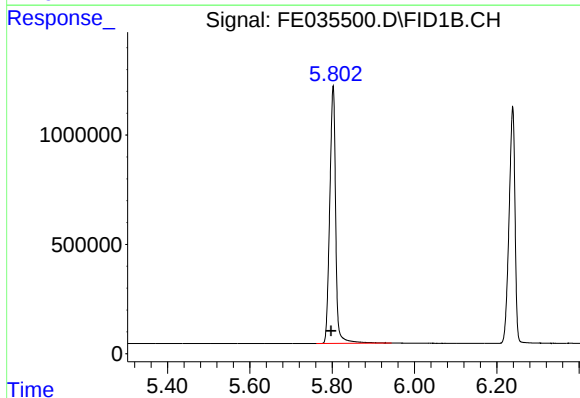
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: 0.003 min
Response: 10563700
Conc: 102.49 ug/ml



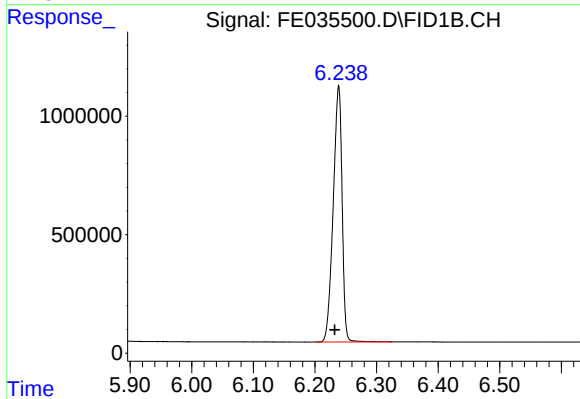
#2 n-Decane (C10)

R.T.: 4.231 min
Delta R.T.: 0.005 min
Response: 10542698
Conc: 102.57 ug/ml



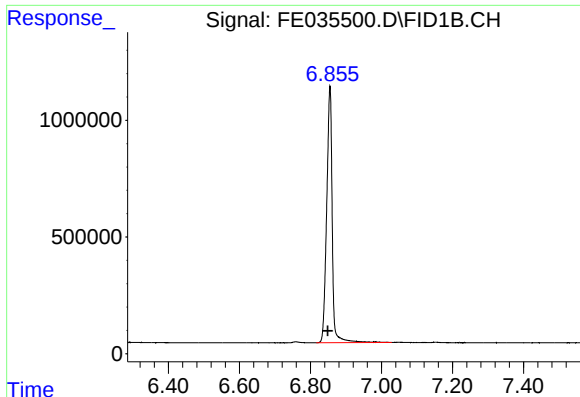
#3 A~Naphthalene (C11.7)

R.T.: 5.802 min
Delta R.T.: 0.005 min
Response: 11791236
Conc: 107.02 ug/ml



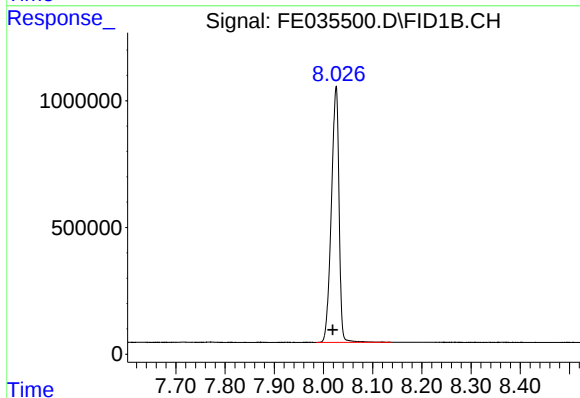
#4 n-Dodecane (C12)

R.T.: 6.239 min
Delta R.T.: 0.006 min
Response: 10829149
Conc: 102.15 ug/ml



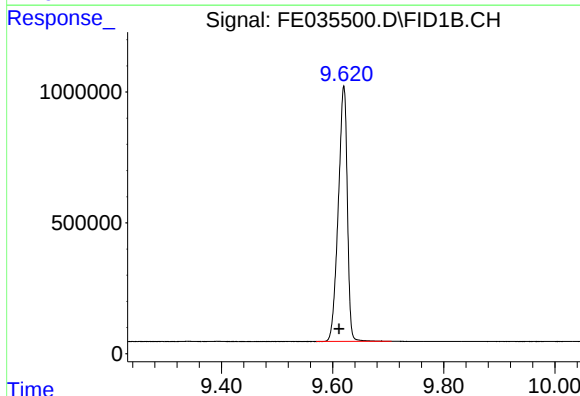
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.006 min
Response: 11897727
Conc: 108.81 ug/ml



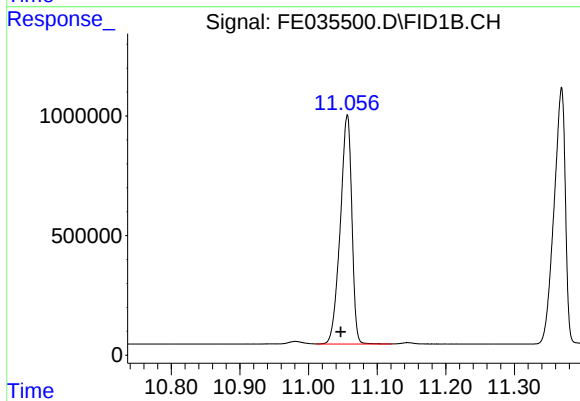
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: 0.007 min
Response: 10944664
Conc: 101.29 ug/ml



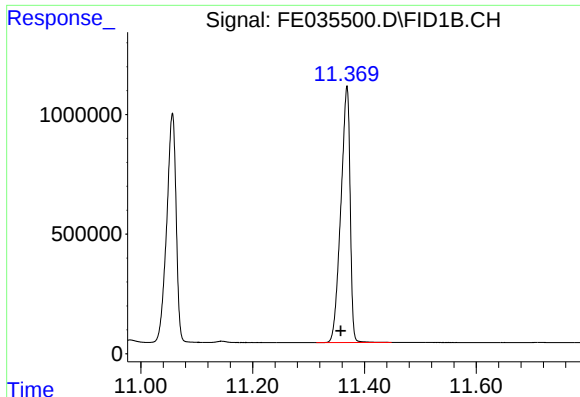
#7 n-Hexadecane (C16)

R.T.: 9.620 min
Delta R.T.: 0.009 min
Response: 11020057
Conc: 100.73 ug/ml



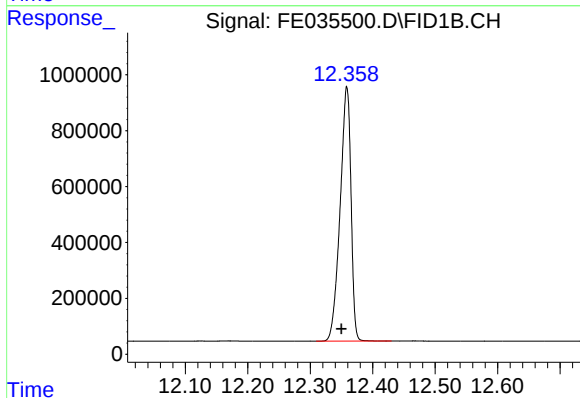
#8 n-Octadecane (C18)

R.T.: 11.057 min
Delta R.T.: 0.010 min
Response: 11207041
Conc: 99.51 ug/ml



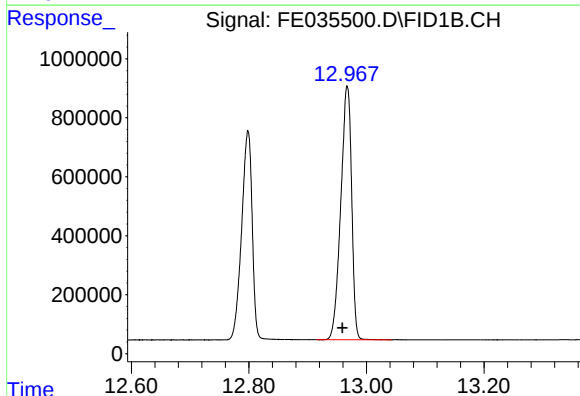
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.011 min
Response: 12322992
Conc: 99.90 ug/ml



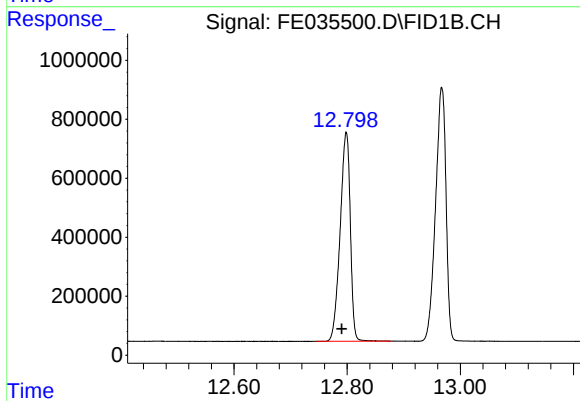
#10 n-Eicosane (C20)

R.T.: 12.359 min
Delta R.T.: 0.008 min
Response: 11026980
Conc: 99.10 ug/ml



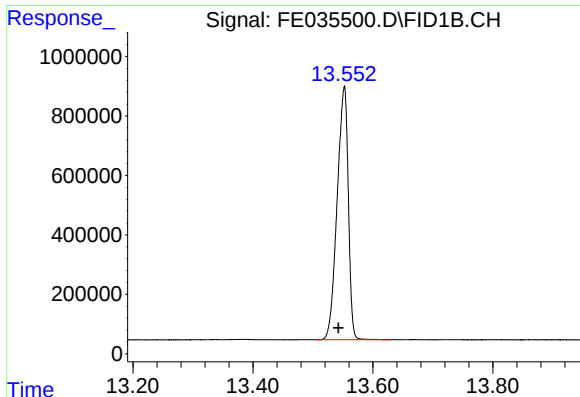
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.008 min
Response: 11028485
Conc: 98.68 ug/ml



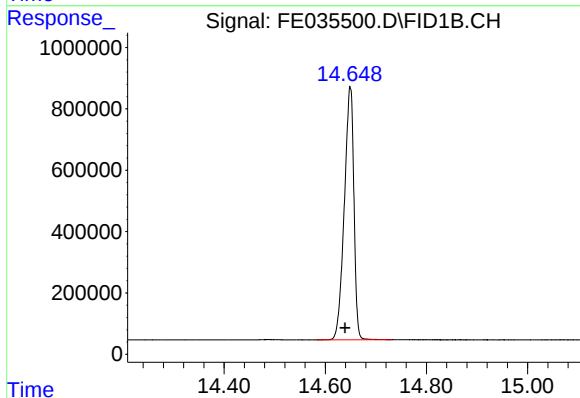
#12 1-chlorooctadecane (SURR)

R.T.: 12.799 min
Delta R.T.: 0.008 min
Response: 8838328
Conc: 99.46 ug/ml



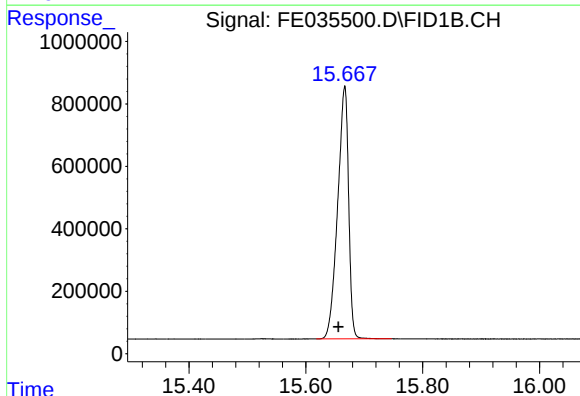
#13 n-Docosane (C22)

R.T.: 13.552 min
Delta R.T.: 0.010 min
Response: 10988592
Conc: 99.15 ug/ml



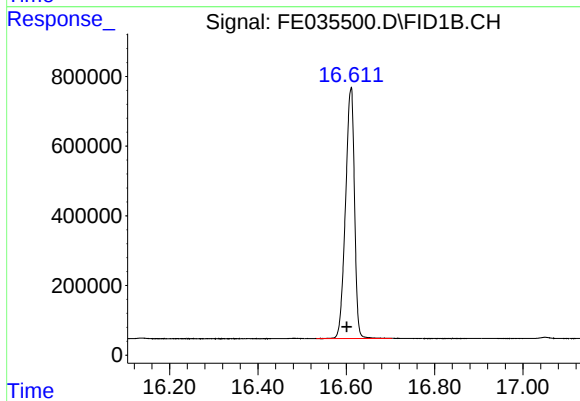
#14 n-Tetracosane (C24)

R.T.: 14.649 min
Delta R.T.: 0.010 min
Response: 10838867
Conc: 98.86 ug/ml



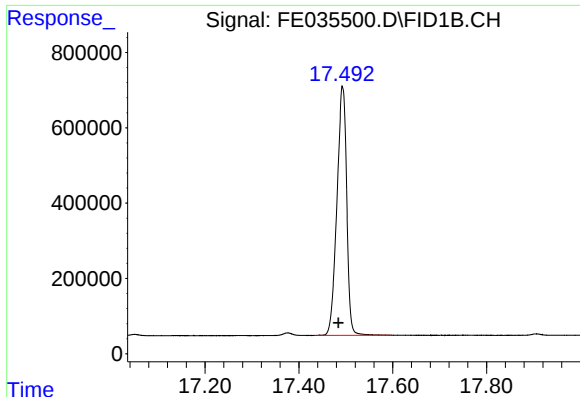
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: 0.011 min
Response: 10524349
Conc: 98.93 ug/ml



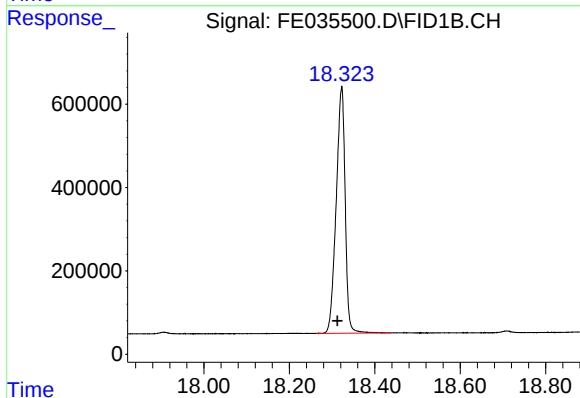
#16 n-Octacosane (C28)

R.T.: 16.611 min
Delta R.T.: 0.009 min
Response: 10142968
Conc: 99.61 ug/ml



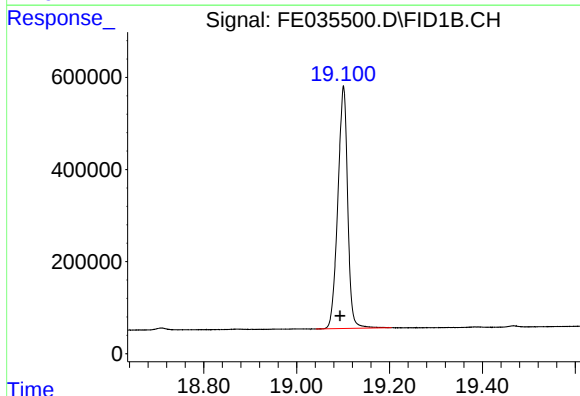
#17 n-Tricontane (C30)

R.T.: 17.493 min
Delta R.T.: 0.009 min
Response: 9551555
Conc: 99.86 ug/ml



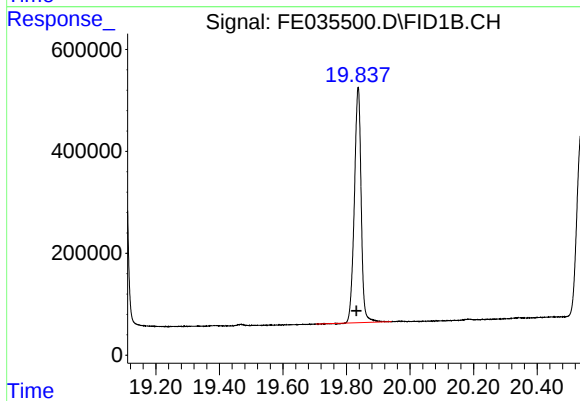
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.010 min
Response: 8658542
Conc: 100.04 ug/ml



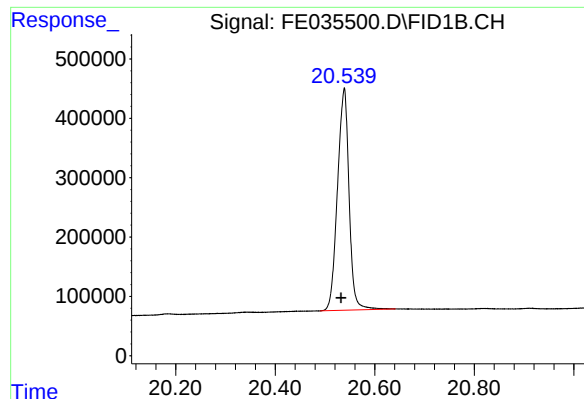
#19 n-Tetratriacontane (C34)

R.T.: 19.101 min
Delta R.T.: 0.008 min
Response: 7726958
Conc: 98.68 ug/ml



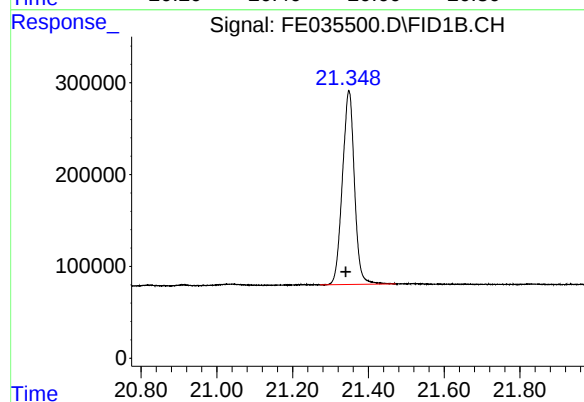
#20 n-Hexatriacontane (C36)

R.T.: 19.837 min
Delta R.T.: 0.006 min
Response: 6880423
Conc: 98.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.539 min
Delta R.T.: 0.006 min
Response: 6044754
Conc: 98.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.349 min
Delta R.T.: 0.008 min
Response: 4659741
Conc: 103.90 ug/ml