

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022822AL\
 Data File : FE035176.D
 Signal(s) : FID1B.CH
 Acq On : 28 Feb 2022 17:31
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 01:39:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 01:39:13 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)	11.375	12857730	96.710 ug/ml
Spiked Amount 50.000		Recovery =	193.42%
12) S 1-chlorooctadecane (S...	12.807	10209963	97.575 ug/ml
Spiked Amount 50.000		Recovery =	195.15%
Target Compounds			
1) T n-Nonane (C9)	3.188	10739079	97.539 ug/ml
2) T n-Decane (C10)	4.244	10689061	97.543 ug/ml
3) T A~Naphthalene (C11.7)	5.809	12135858	98.935 ug/ml
4) T n-Dodecane (C12)	6.250	11030091	97.518 ug/ml
5) T A~2-methylnaphthalene...	6.860	12358417	99.532 ug/ml
6) T n-Tetradecane (C14)	8.037	11227841	97.536 ug/ml
7) T n-Hexadecane (C16)	9.630	11474024	98.324 ug/ml
8) T n-Octadecane (C18)	11.066	11740066	97.388 ug/ml
10) T n-Eicosane (C20)	12.368	11780945	96.798 ug/ml
11) T n-Heneicosane (C21)	12.977	11826444	96.425 ug/ml
13) T n-Docosane (C22)	13.560	11837394	96.602 ug/ml
14) T n-Tetracosane (C24)	14.657	11725576	95.804 ug/ml
15) T n-Hexacosane (C26)	15.672	11436994	95.251 ug/ml
16) T n-Octacosane (C28)	16.617	11051781	95.400 ug/ml
17) T n-Tricontane (C30)	17.500	10445269	95.270 ug/ml
18) T n-Dotriacontane (C32)	18.326	9427733	96.187 ug/ml
19) T n-Tetratriacontane (C34)	19.105	8388212	97.452 ug/ml
20) T n-Hexatriacontane (C36)	19.840	7394208	100.947 ug/ml
21) T n-Octatriacontane (C38)	20.542	6568119	104.365 ug/ml
22) T n-Tetracontane (C40)	21.356	6028241	104.592 ug/ml

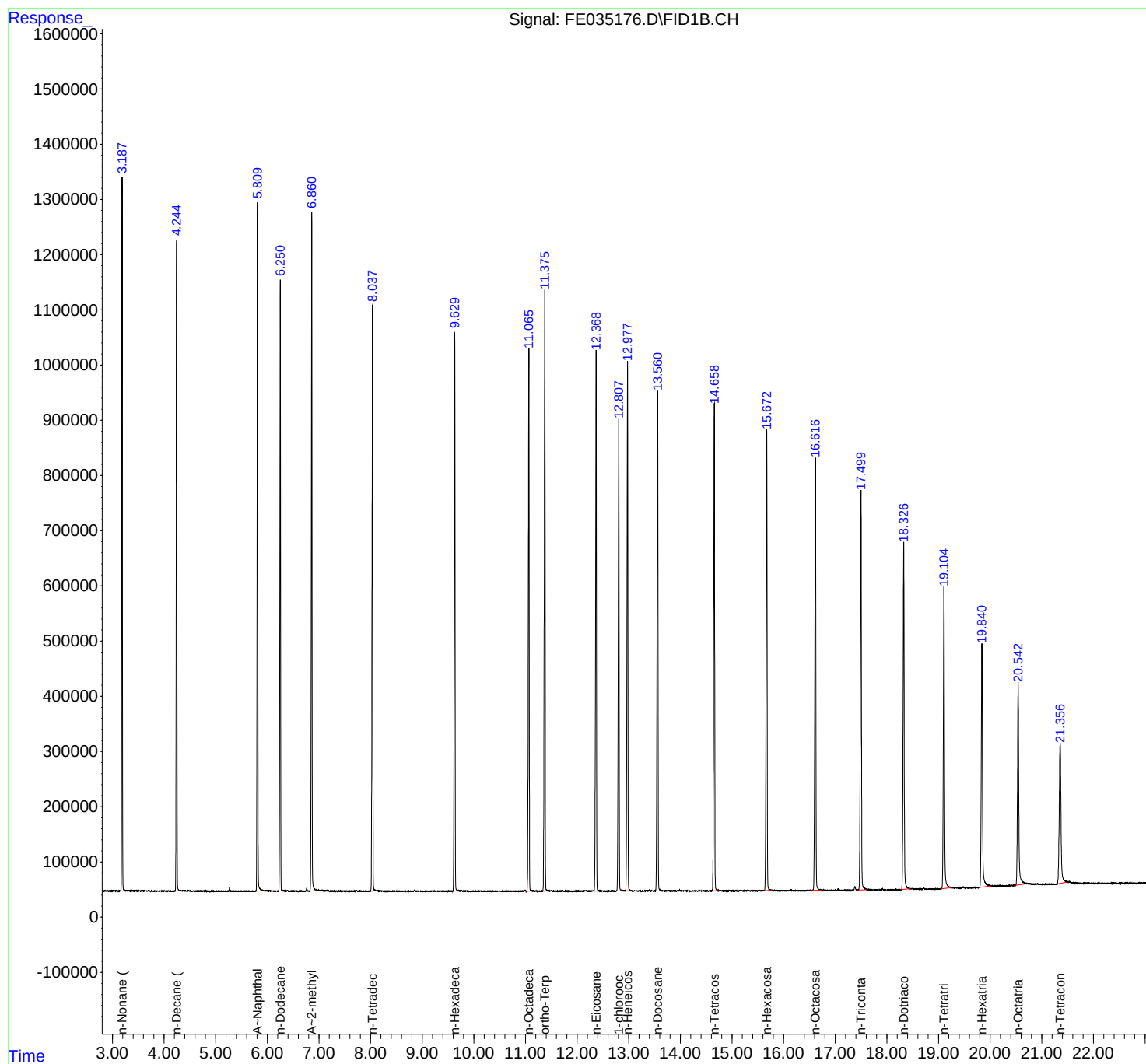
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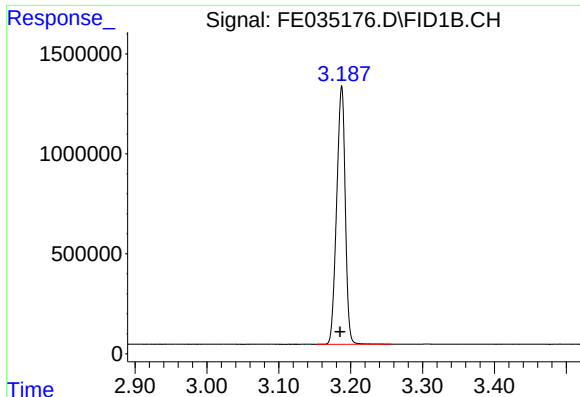
(m)=manual int.

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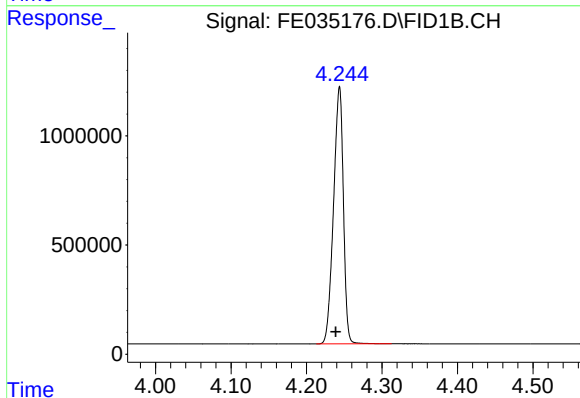
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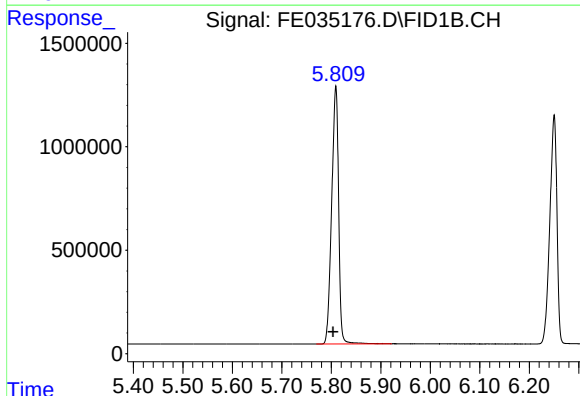
#1 n-Nonane (C9)

R.T.: 3.188 min
Delta R.T.: 0.003 min
Response: 10739079
Conc: 97.54 ug/ml



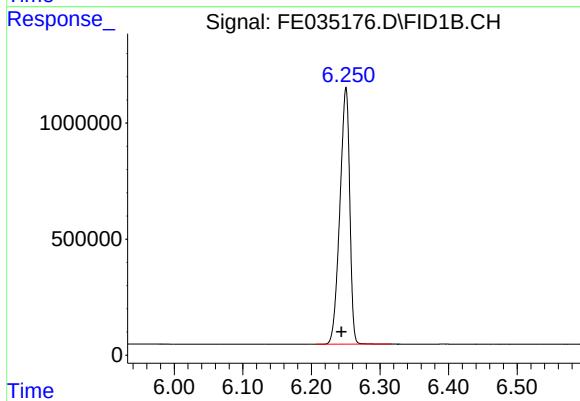
#2 n-Decane (C10)

R.T.: 4.244 min
Delta R.T.: 0.005 min
Response: 10689061
Conc: 97.54 ug/ml



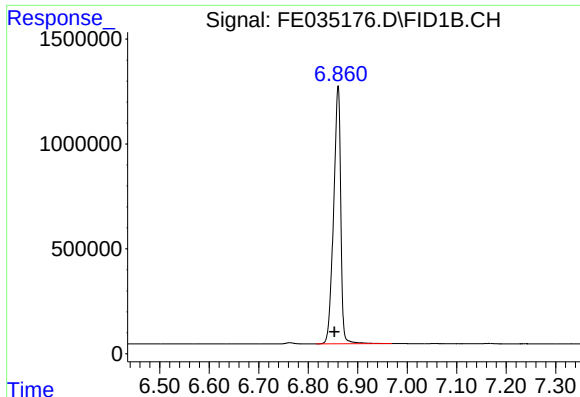
#3 A~Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.006 min
Response: 12135858
Conc: 98.93 ug/ml



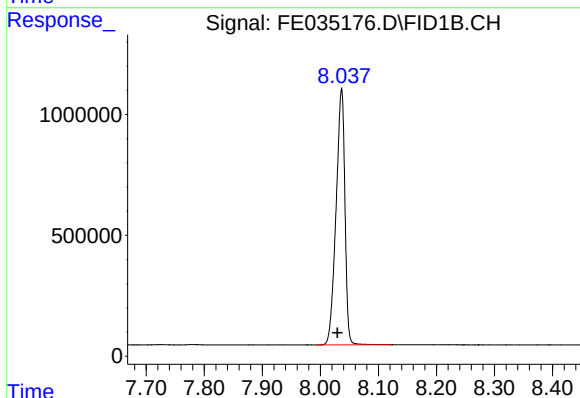
#4 n-Dodecane (C12)

R.T.: 6.250 min
Delta R.T.: 0.007 min
Response: 11030091
Conc: 97.52 ug/ml



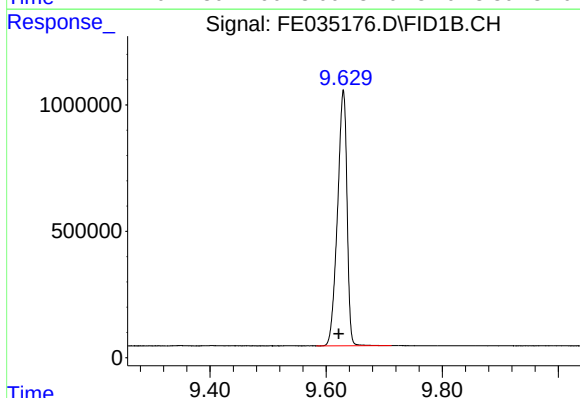
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.008 min
Response: 12358417
Conc: 99.53 ug/ml



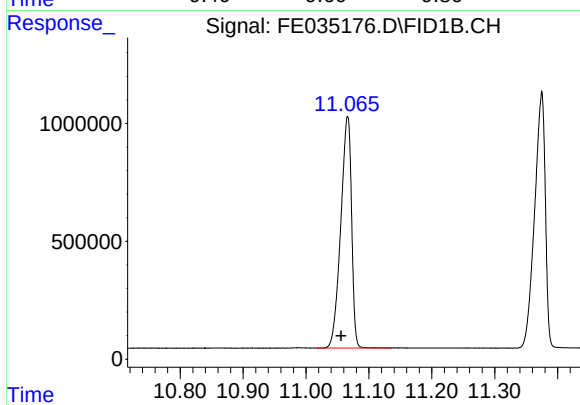
#6 n-Tetradecane (C14)

R.T.: 8.037 min
Delta R.T.: 0.007 min
Response: 11227841
Conc: 97.54 ug/ml



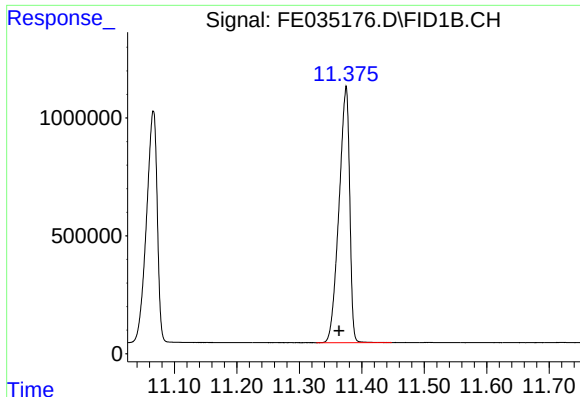
#7 n-Hexadecane (C16)

R.T.: 9.630 min
Delta R.T.: 0.008 min
Response: 11474024
Conc: 98.32 ug/ml



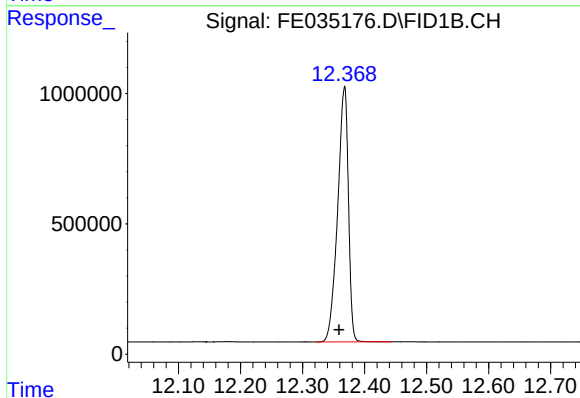
#8 n-Octadecane (C18)

R.T.: 11.066 min
Delta R.T.: 0.010 min
Response: 11740066
Conc: 97.39 ug/ml



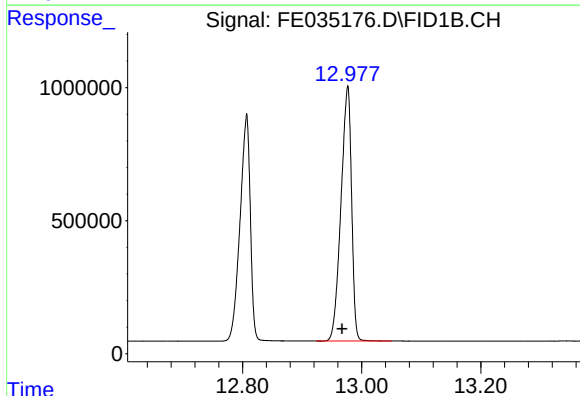
#9 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.011 min
Response: 12857730
Conc: 96.71 ug/ml



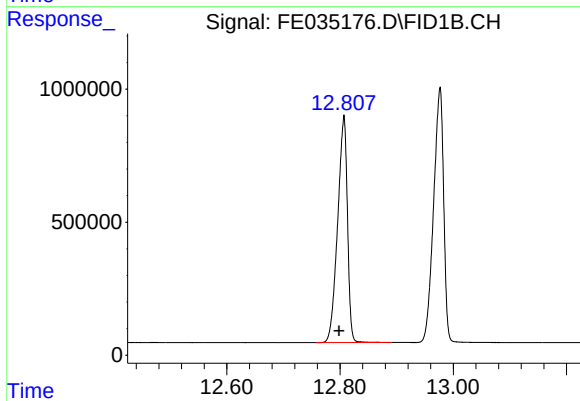
#10 n-Eicosane (C20)

R.T.: 12.368 min
Delta R.T.: 0.009 min
Response: 11780945
Conc: 96.80 ug/ml



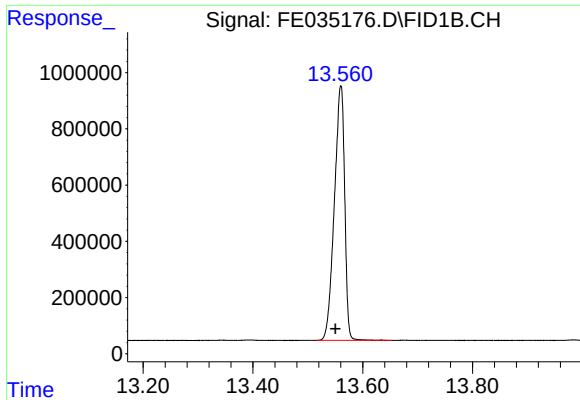
#11 n-Heneicosane (C21)

R.T.: 12.977 min
Delta R.T.: 0.009 min
Response: 11826444
Conc: 96.43 ug/ml



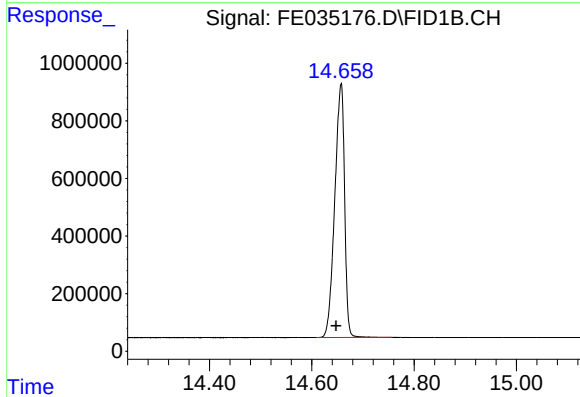
#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.008 min
Response: 10209963
Conc: 97.57 ug/ml



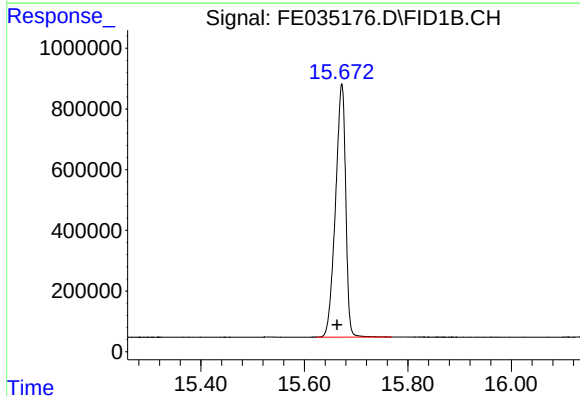
#13 n-Docosane (C22)

R.T.: 13.560 min
Delta R.T.: 0.010 min
Response: 11837394
Conc: 96.60 ug/ml



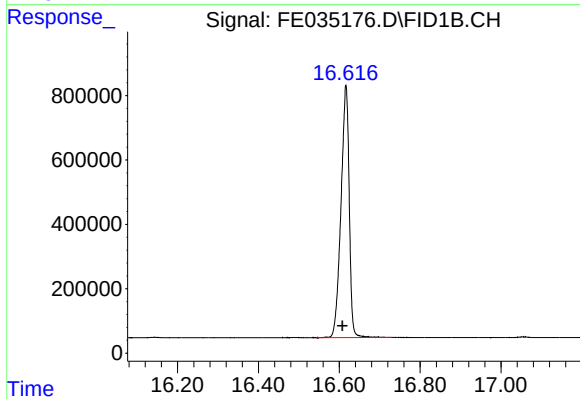
#14 n-Tetracosane (C24)

R.T.: 14.657 min
Delta R.T.: 0.010 min
Response: 11725576
Conc: 95.80 ug/ml



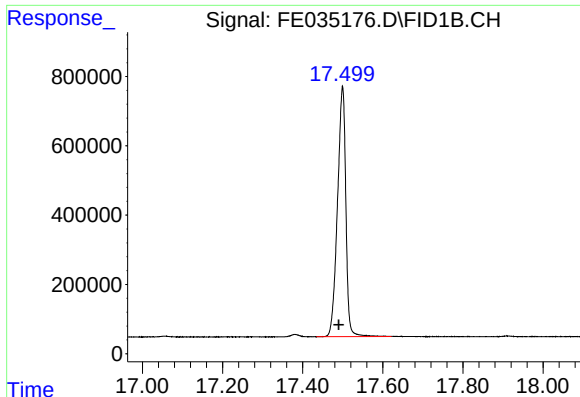
#15 n-Hexacosane (C26)

R.T.: 15.672 min
Delta R.T.: 0.009 min
Response: 11436994
Conc: 95.25 ug/ml



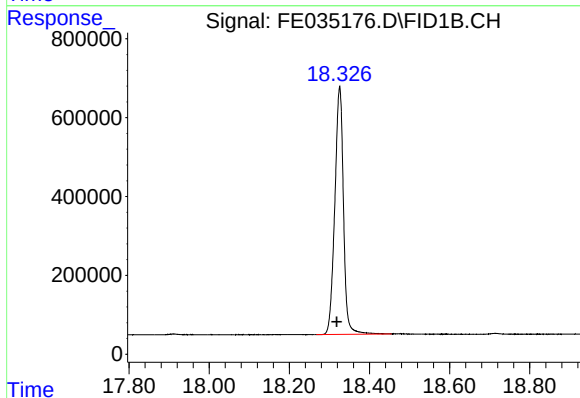
#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: 0.009 min
Response: 11051781
Conc: 95.40 ug/ml



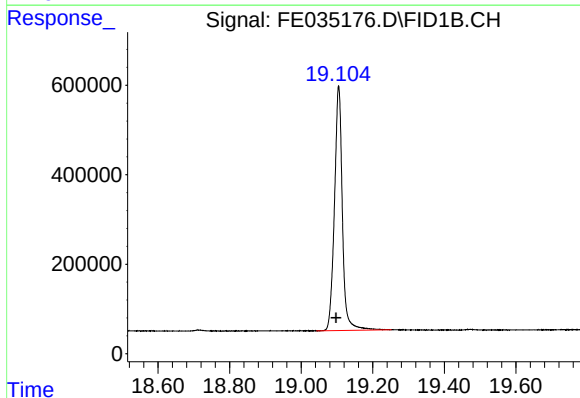
#17 n-Tricontane (C30)

R.T.: 17.500 min
Delta R.T.: 0.010 min
Response: 10445269
Conc: 95.27 ug/ml



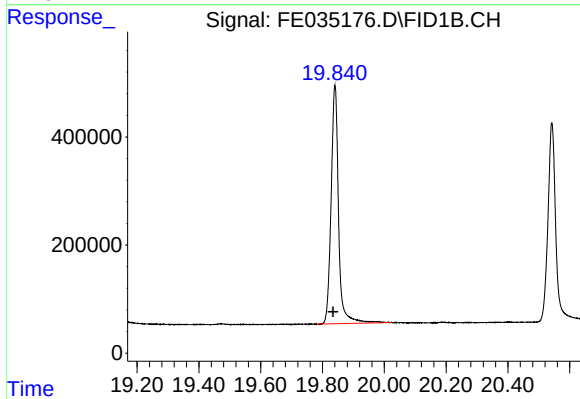
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: 0.007 min
Response: 9427733
Conc: 96.19 ug/ml



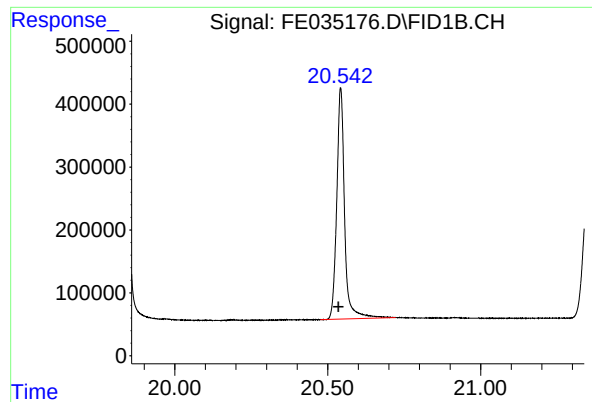
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.007 min
Response: 8388212
Conc: 97.45 ug/ml



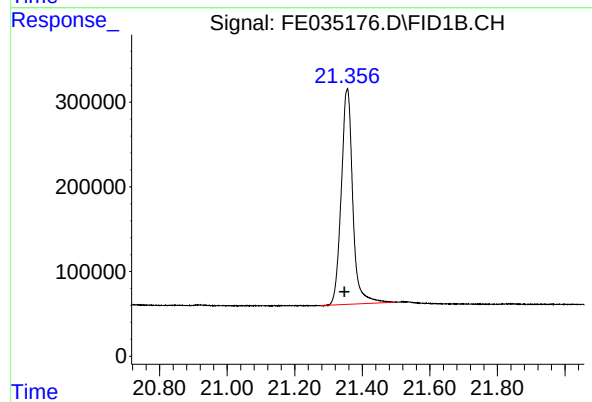
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min
Delta R.T.: 0.007 min
Response: 7394208
Conc: 100.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: 0.007 min
Response: 6568119
Conc: 104.36 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.356 min
Delta R.T.: 0.009 min
Response: 6028241
Conc: 104.59 ug/ml