

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051022AL\
 Data File : FE035609.D
 Signal(s) : FID1B.CH
 Acq On : 10 May 2022 17:59
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 03:19:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:18:27 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)	10.965	12633149	96.634 ug/ml
Spiked Amount 50.000		Recovery =	193.27%
12) S 1-chlorooctadecane (S...	12.396	9953292	96.726 ug/ml
Spiked Amount 50.000		Recovery =	193.45%
Target Compounds			
1) T n-Nonane (C9)	2.810	11420560	96.997 ug/ml
2) T n-Decane (C10)	3.826	11313007	97.005 ug/ml
3) T A~Naphthalene (C11.7)	5.392	12767346	97.013 ug/ml
4) T n-Dodecane (C12)	5.818	11426046	96.785 ug/ml
5) T A~2-methylnaphthalene...	6.442	12897316	96.794 ug/ml
6) T n-Tetradecane (C14)	7.608	11339369	96.539 ug/ml
7) T n-Hexadecane (C16)	9.206	11347405	96.722 ug/ml
8) T n-Octadecane (C18)	10.646	11407668	96.762 ug/ml
10) T n-Eicosane (C20)	11.952	11343269	96.492 ug/ml
11) T n-Heneicosane (C21)	12.562	11404415	96.511 ug/ml
13) T n-Docosane (C22)	13.148	11421578	96.413 ug/ml
14) T n-Tetracosane (C24)	14.249	11490571	96.417 ug/ml
15) T n-Hexacosane (C26)	15.269	11511400	96.596 ug/ml
16) T n-Octacosane (C28)	16.217	11532402	96.846 ug/ml
17) T n-Tricontane (C30)	17.103	11394634	96.469 ug/ml
18) T n-Dotriacontane (C32)	17.934	10852834	96.006 ug/ml
19) T n-Tetratriacontane (C34)	18.715	10206243	95.479 ug/ml
20) T n-Hexatriacontane (C36)	19.454	9510396	95.389 ug/ml
21) T n-Octatriacontane (C38)	20.191	8996642	95.046 ug/ml
22) T n-Tetracontane (C40)	21.109	8884979	96.026 ug/ml

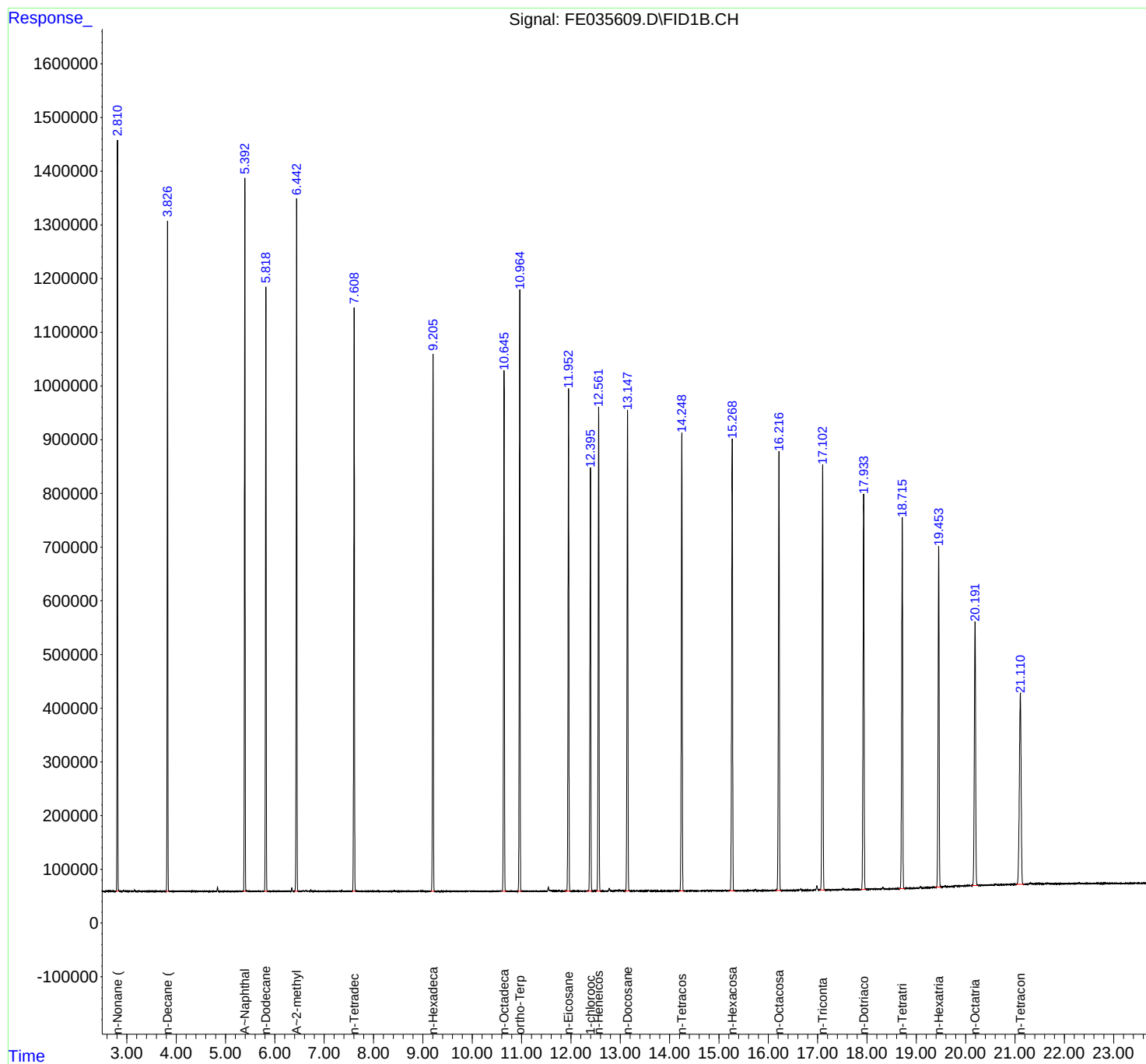
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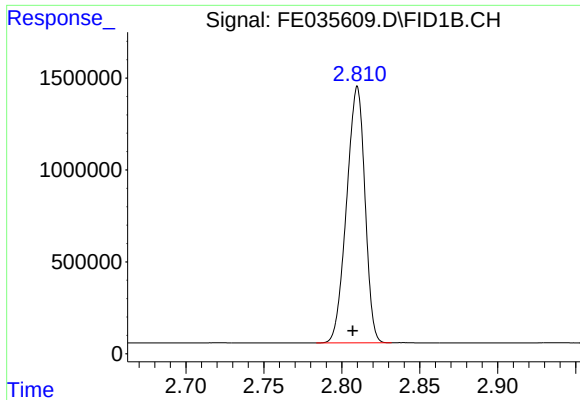
(m)=manual int.

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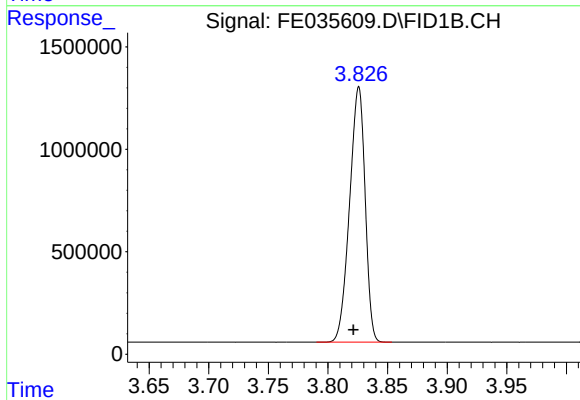
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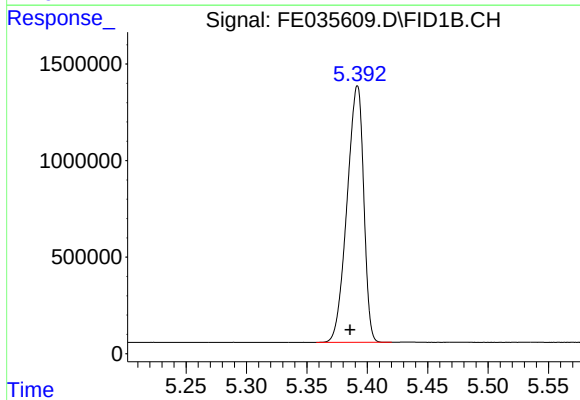
#1 n-Nonane (C9)

R.T.: 2.810 min
Delta R.T.: 0.003 min
Response: 11420560
Conc: 97.00 ug/ml



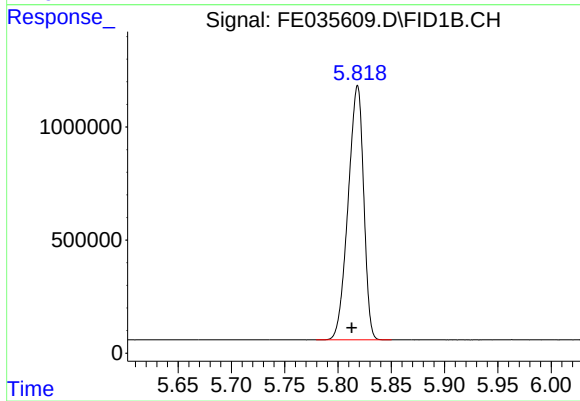
#2 n-Decane (C10)

R.T.: 3.826 min
Delta R.T.: 0.004 min
Response: 11313007
Conc: 97.01 ug/ml



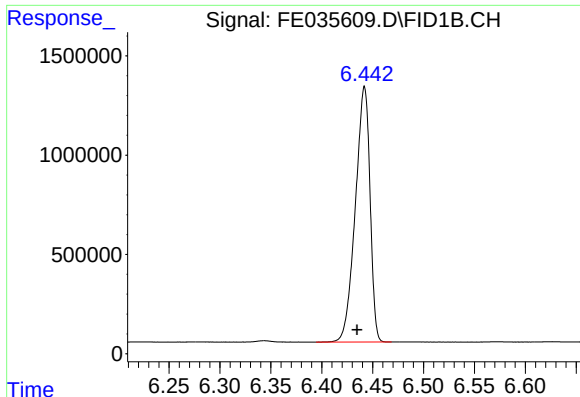
#3 A~Naphthalene (C11.7)

R.T.: 5.392 min
Delta R.T.: 0.006 min
Response: 12767346
Conc: 97.01 ug/ml



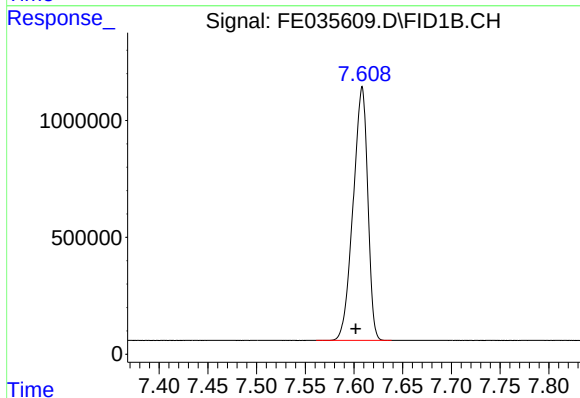
#4 n-Dodecane (C12)

R.T.: 5.818 min
Delta R.T.: 0.005 min
Response: 11426046
Conc: 96.78 ug/ml



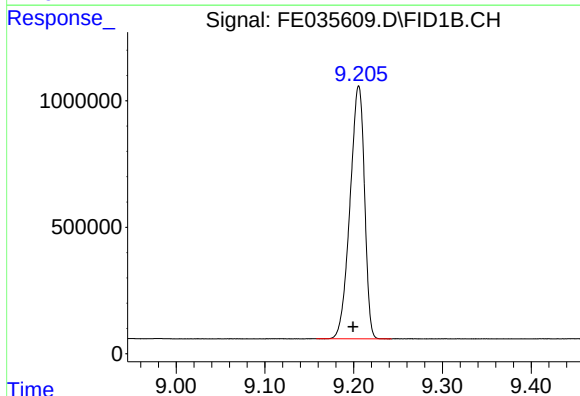
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.442 min
Delta R.T.: 0.007 min
Response: 12897316
Conc: 96.79 ug/ml



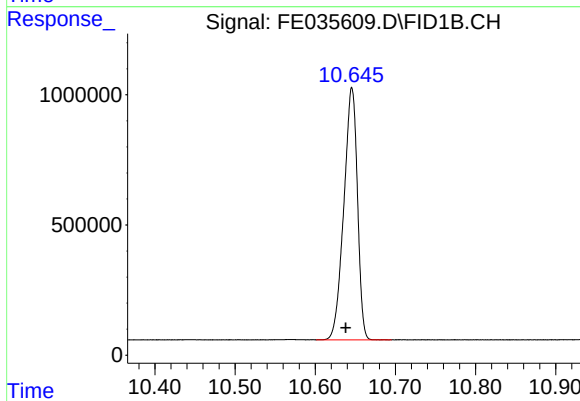
#6 n-Tetradecane (C14)

R.T.: 7.608 min
Delta R.T.: 0.007 min
Response: 11339369
Conc: 96.54 ug/ml



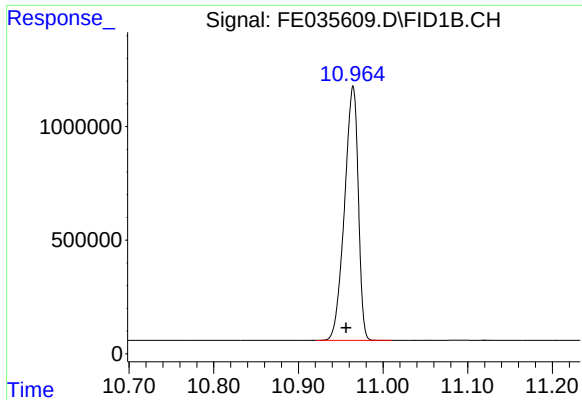
#7 n-Hexadecane (C16)

R.T.: 9.206 min
Delta R.T.: 0.006 min
Response: 11347405
Conc: 96.72 ug/ml



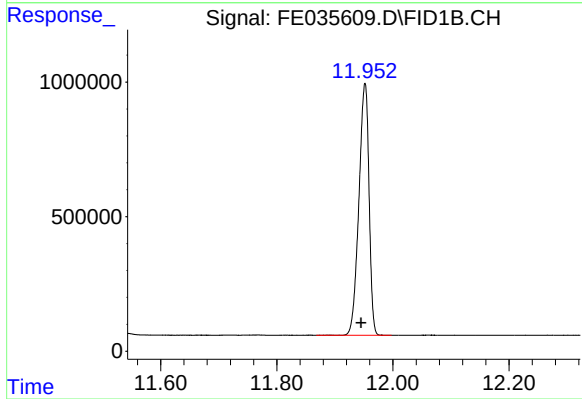
#8 n-Octadecane (C18)

R.T.: 10.646 min
Delta R.T.: 0.008 min
Response: 11407668
Conc: 96.76 ug/ml



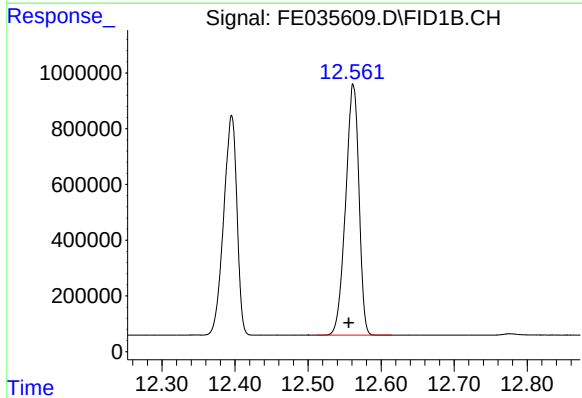
#9 ortho-Terphenyl (SURR)

R.T.: 10.965 min
Delta R.T.: 0.008 min
Response: 12633149
Conc: 96.63 ug/ml



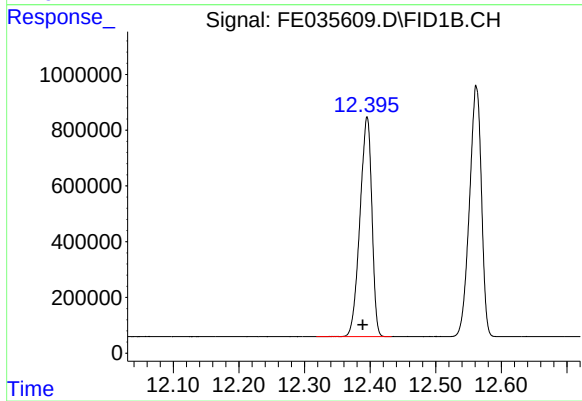
#10 n-Eicosane (C20)

R.T.: 11.952 min
Delta R.T.: 0.007 min
Response: 11343269
Conc: 96.49 ug/ml



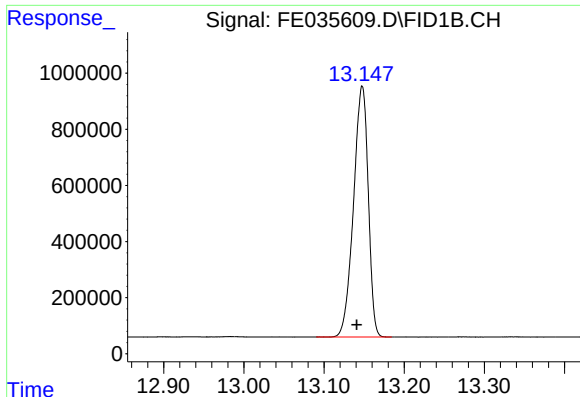
#11 n-Heneicosane (C21)

R.T.: 12.562 min
Delta R.T.: 0.006 min
Response: 11404415
Conc: 96.51 ug/ml



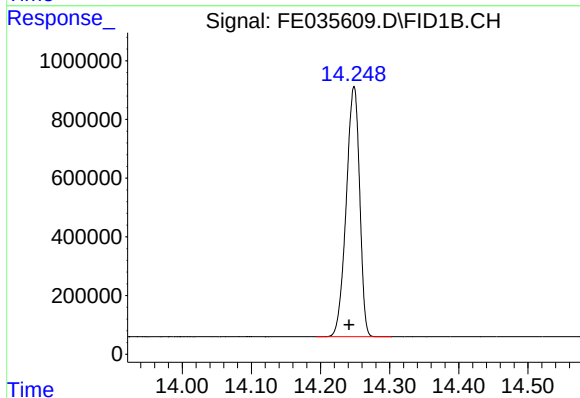
#12 1-chlorooctadecane (SURR)

R.T.: 12.396 min
Delta R.T.: 0.007 min
Response: 9953292
Conc: 96.73 ug/ml



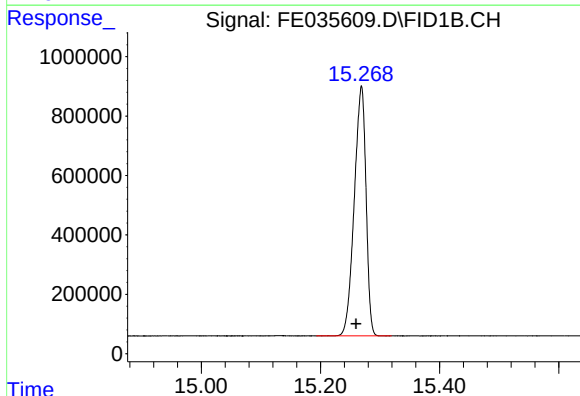
#13 n-Docosane (C22)

R.T.: 13.148 min
Delta R.T.: 0.007 min
Response: 11421578
Conc: 96.41 ug/ml



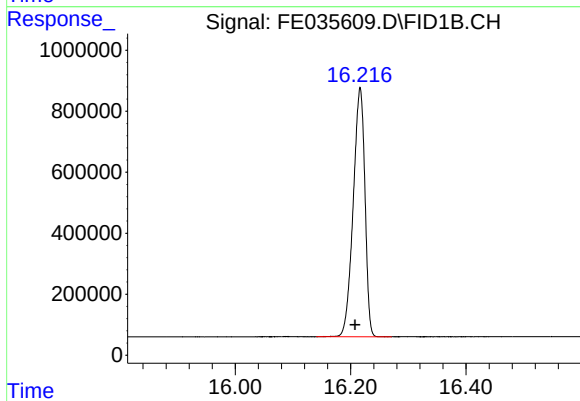
#14 n-Tetracosane (C24)

R.T.: 14.249 min
Delta R.T.: 0.007 min
Response: 11490571
Conc: 96.42 ug/ml



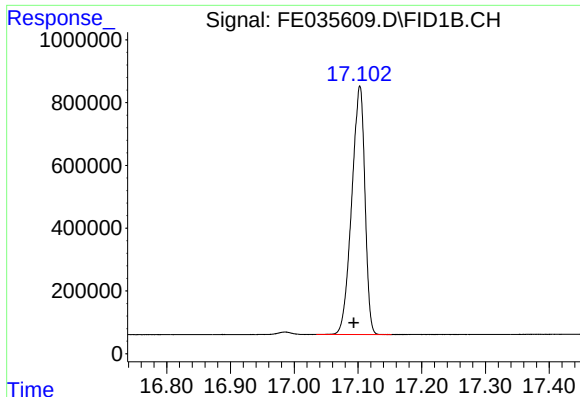
#15 n-Hexacosane (C26)

R.T.: 15.269 min
Delta R.T.: 0.009 min
Response: 11511400
Conc: 96.60 ug/ml



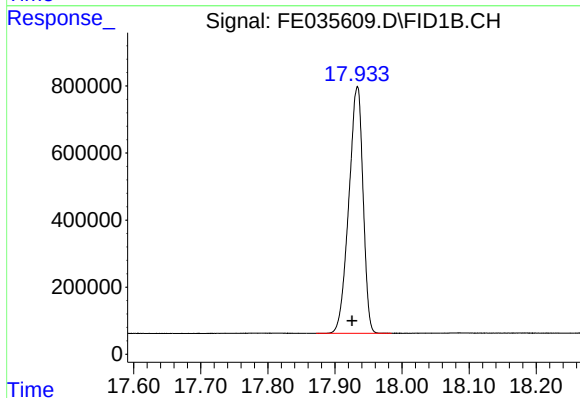
#16 n-Octacosane (C28)

R.T.: 16.217 min
Delta R.T.: 0.009 min
Response: 11532402
Conc: 96.85 ug/ml



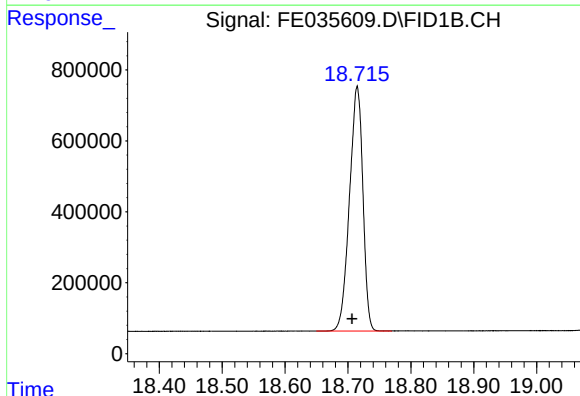
#17 n-Tricontane (C30)

R.T.: 17.103 min
Delta R.T.: 0.010 min
Response: 11394634
Conc: 96.47 ug/ml



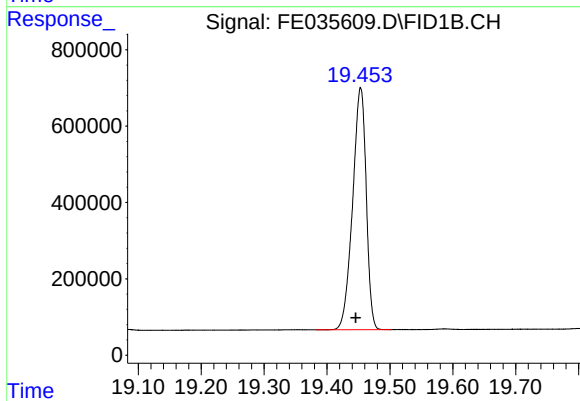
#18 n-Dotriacontane (C32)

R.T.: 17.934 min
Delta R.T.: 0.008 min
Response: 10852834
Conc: 96.01 ug/ml



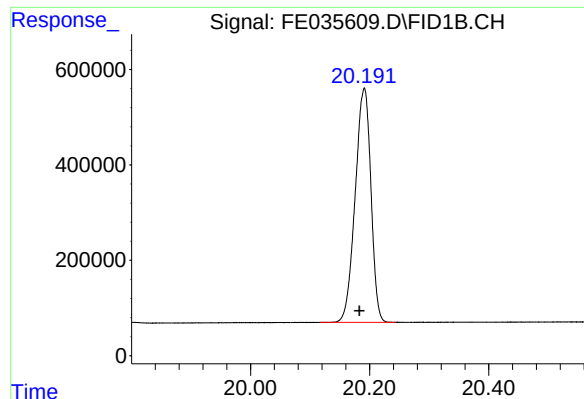
#19 n-Tetratriacontane (C34)

R.T.: 18.715 min
Delta R.T.: 0.008 min
Response: 10206243
Conc: 95.48 ug/ml



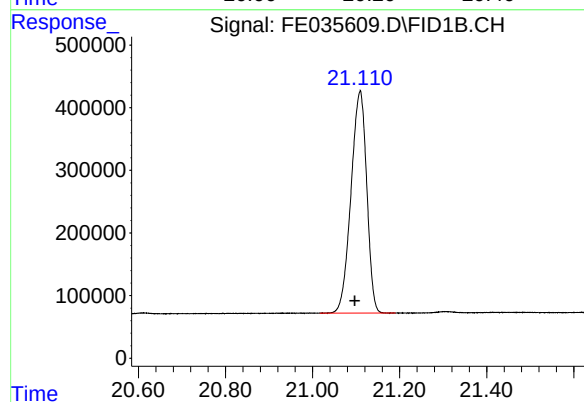
#20 n-Hexatriacontane (C36)

R.T.: 19.454 min
Delta R.T.: 0.008 min
Response: 9510396
Conc: 95.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.191 min
Delta R.T.: 0.008 min
Response: 8996642
Conc: 95.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.109 min
Delta R.T.: 0.012 min
Response: 8884979
Conc: 96.03 ug/ml