

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072221AL\
 Data File : FE034138.D
 Signal(s) : FID1B.CH
 Acq On : 22 Jul 2021 13:52
 Operator : DD\AJ
 Sample : M2940-07
 Misc : LOD 4 PPM
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 01:17:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:24:30 2021
 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			
12) S 1-chlorooctadecane (S...	13.033	17981761	51.613 ug/ml
Spiked Amount 50.000		Recovery =	103.23%
Target Compounds			
1) T n-Nonane (C9)	3.386	1356610	3.523 ug/ml
2) T n-Decane (C10)	4.426	1342741	3.463 ug/ml
4) T n-Dodecane (C12)	6.430	1364510	3.462 ug/ml
6) T n-Tetradecane (C14)	8.223	1435424	3.550 ug/ml
7) T n-Hexadecane (C16)	9.824	1479938	3.619 ug/ml
8) T n-Octadecane (C18)	11.265	1625105	3.822 ug/ml
10) T n-Eicosane (C20)	12.574	1598524	3.771 ug/ml
11) T n-Heneicosane (C21)	13.187	1601359	3.738 ug/ml
13) T n-Docosane (C22)	13.772	1591978	3.750 ug/ml
14) T n-Tetracosane (C24)	14.876	1568568	3.695 ug/ml
15) T n-Hexacosane (C26)	15.896	1548193	3.745 ug/ml
16) T n-Octacosane (C28)	16.846	1528135	3.788 ug/ml
17) T n-Tricontane (C30)	17.734	1474118	3.796 ug/ml
18) T n-Dotriacontane (C32)	18.568	1375613	3.777 ug/ml
19) T n-Tetratriacontane (C34)	19.353	1250250	3.651 ug/ml
20) T n-Hexatriacontane (C36)	20.093	1053039	3.391 ug/ml
21) T n-Octatriacontane (C38)	20.829	894967	3.174 ug/ml
22) T n-Tetracontane (C40)	21.739	716983	2.778 ug/ml

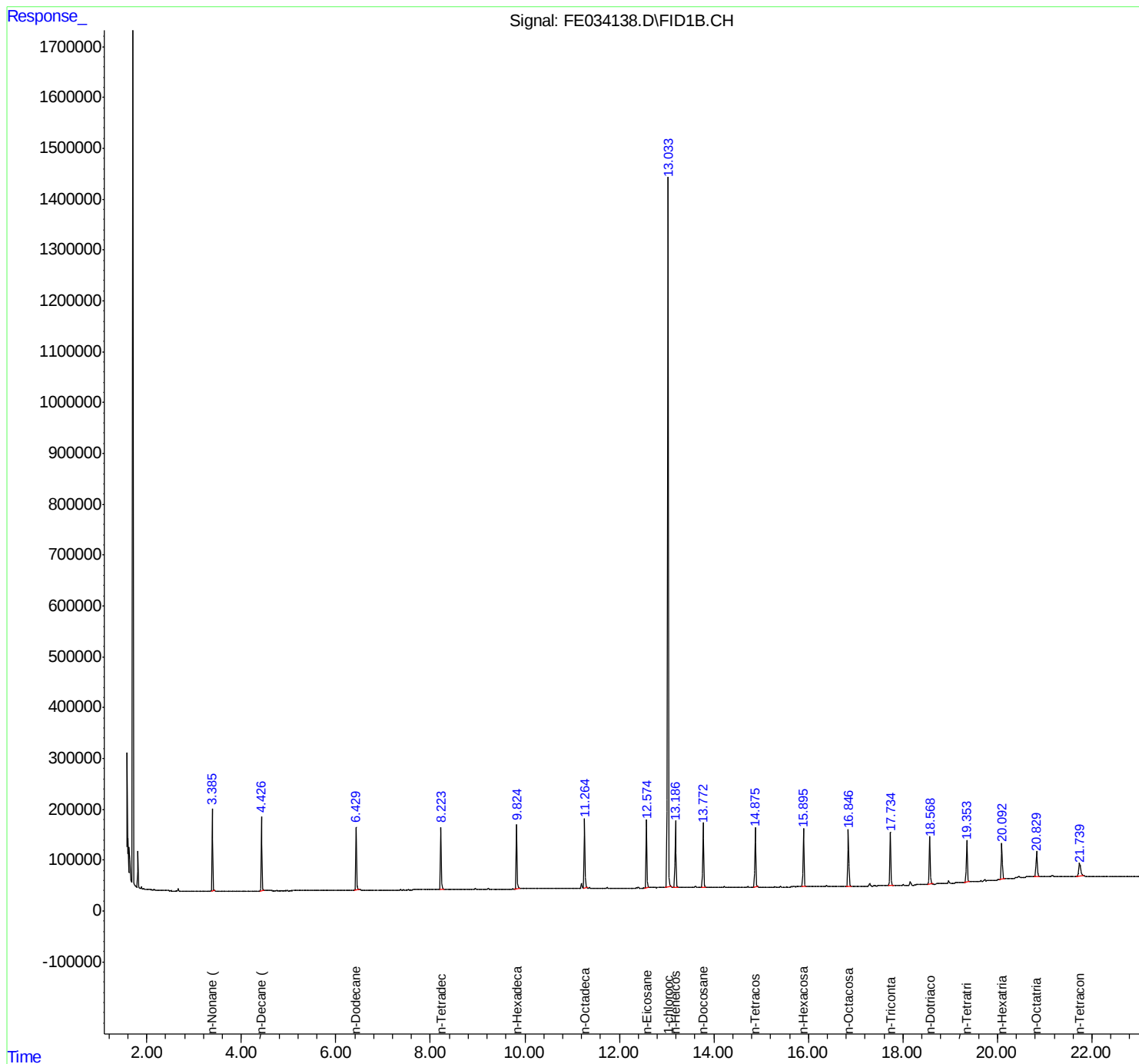
(f)=RT Delta > 1/2 Window

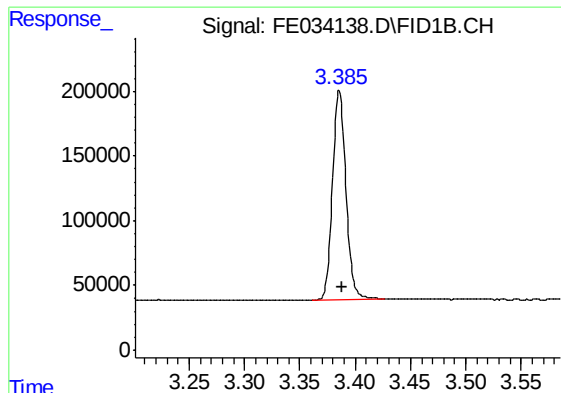
(m)=manual int.

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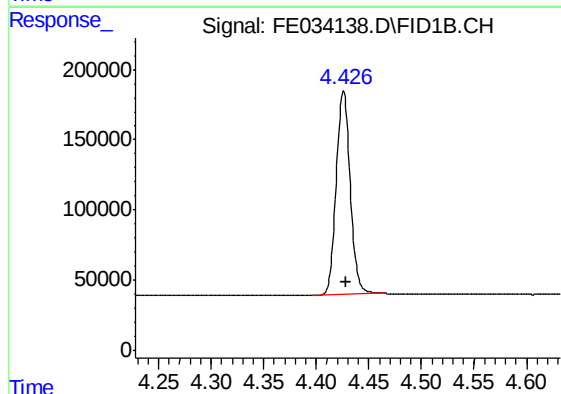
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Signal Info : 20M x 0.18mm x 0.18um





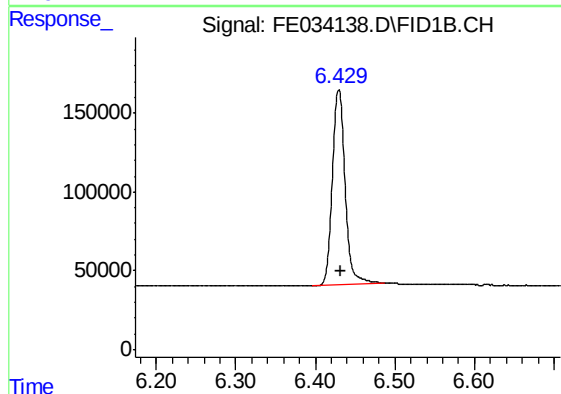
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 1356610
Conc: 3.52 ug/ml



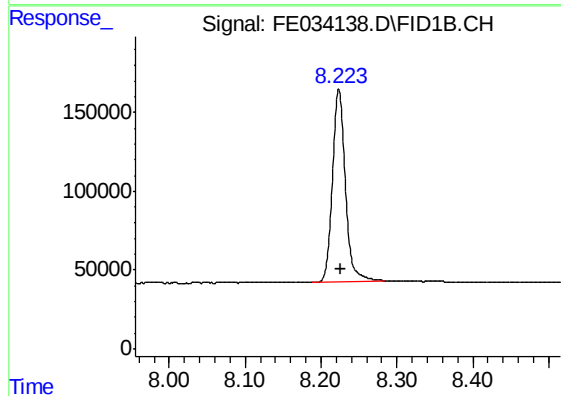
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 1342741
Conc: 3.46 ug/ml



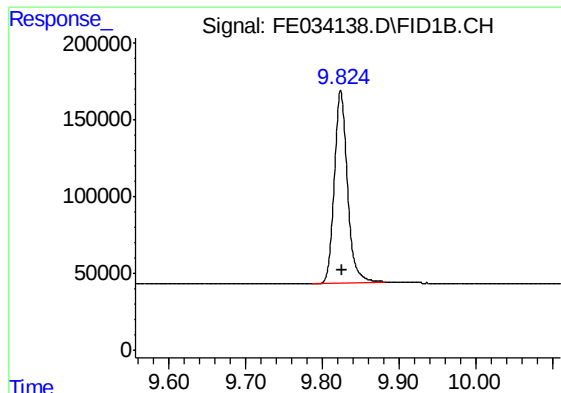
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.002 min
Response: 1364510
Conc: 3.46 ug/ml



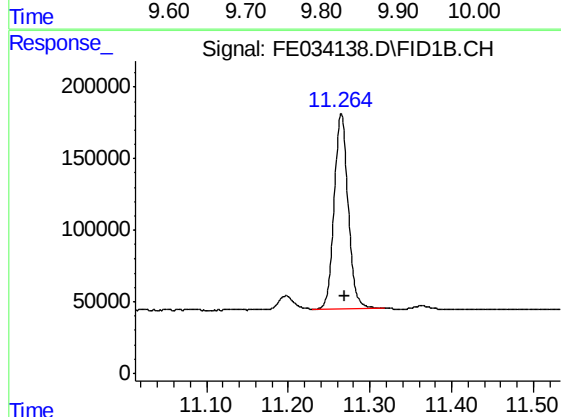
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.002 min
Response: 1435424
Conc: 3.55 ug/ml



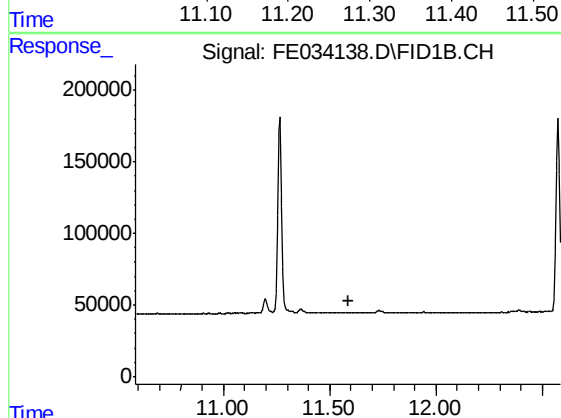
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 1479938
Conc: 3.62 ug/ml



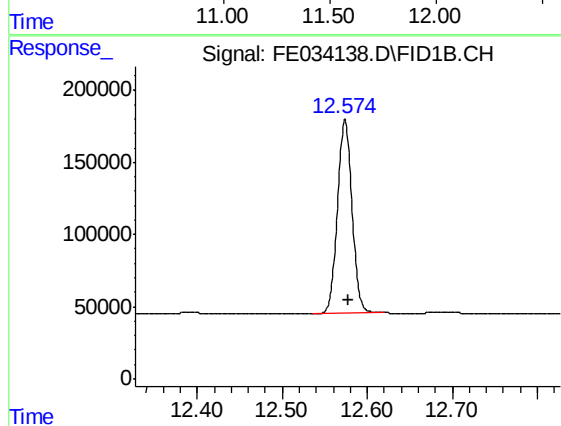
#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.004 min
Response: 1625105
Conc: 3.82 ug/ml



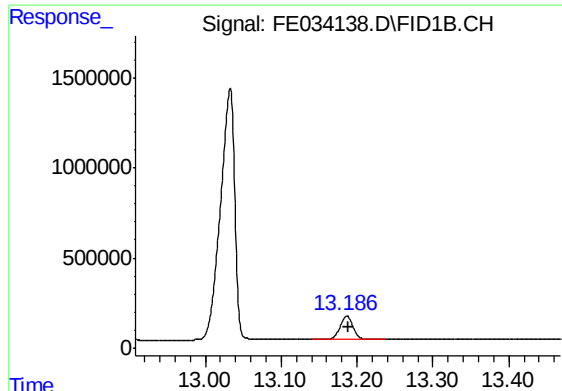
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.586 min
Response: 0
Conc: N.D.



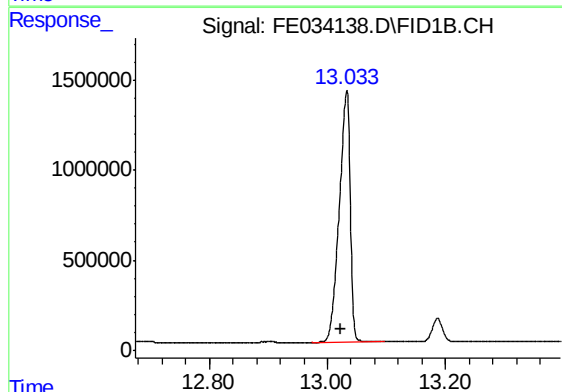
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.003 min
Response: 1598524
Conc: 3.77 ug/ml



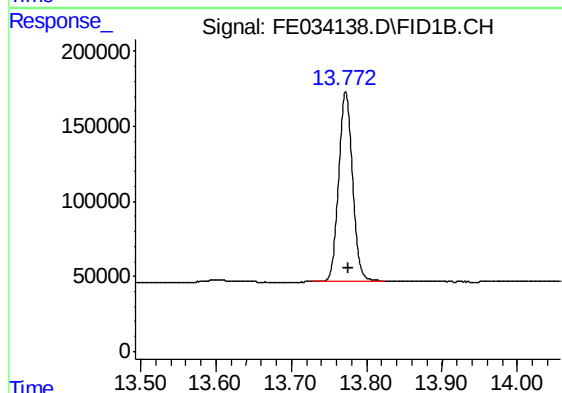
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.003 min
Response: 1601359
Conc: 3.74 ug/ml



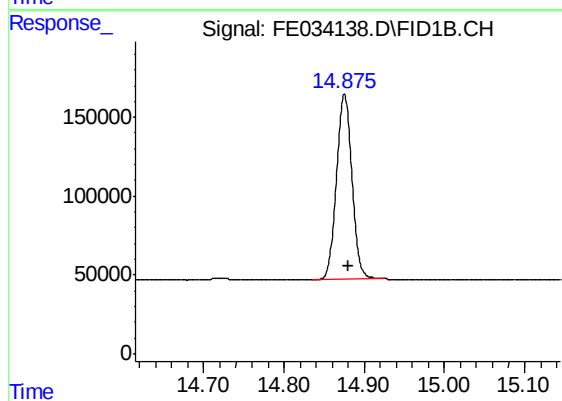
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: 0.010 min
Response: 17981761
Conc: 51.61 ug/ml



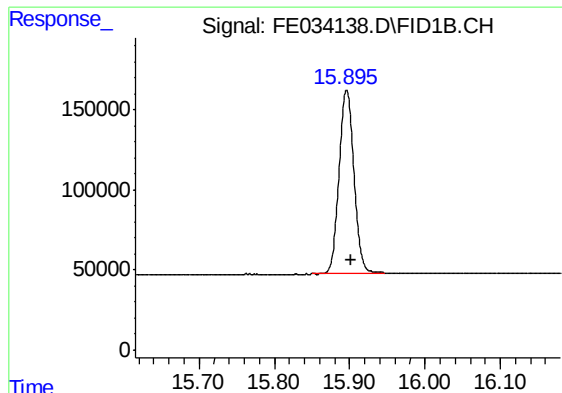
#13 n-Docosane (C22)

R.T.: 13.772 min
Delta R.T.: -0.004 min
Response: 1591978
Conc: 3.75 ug/ml



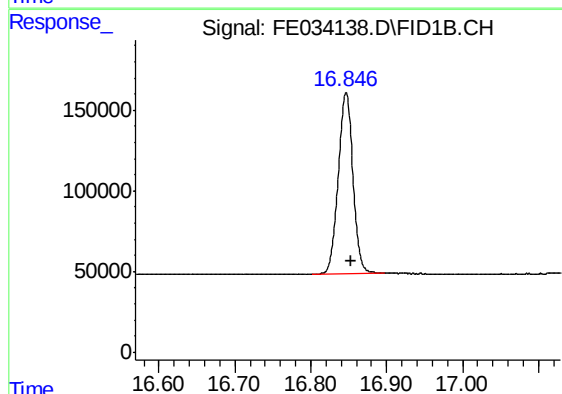
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 1568568
Conc: 3.69 ug/ml



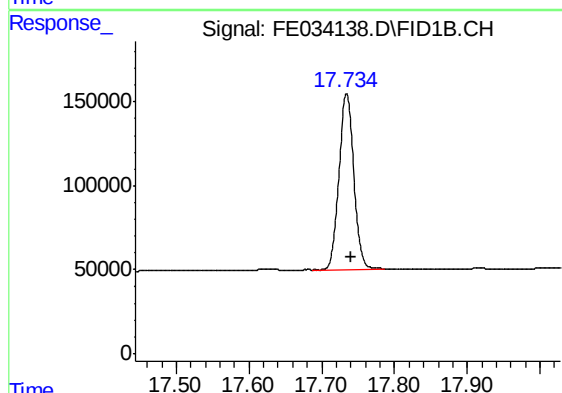
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.005 min
Response: 1548193
Conc: 3.74 ug/ml



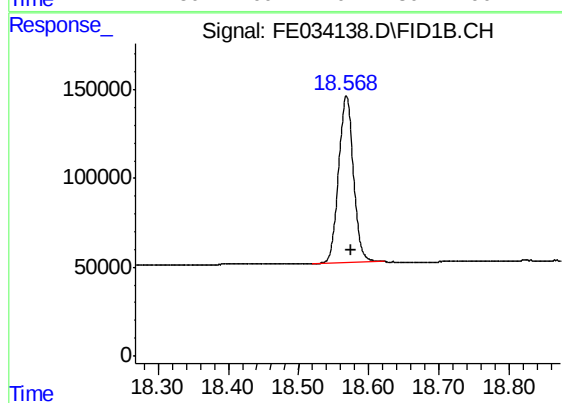
#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: -0.006 min
Response: 1528135
Conc: 3.79 ug/ml



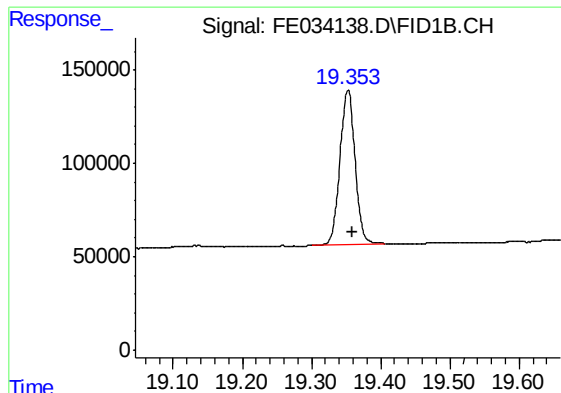
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.006 min
Response: 1474118
Conc: 3.80 ug/ml



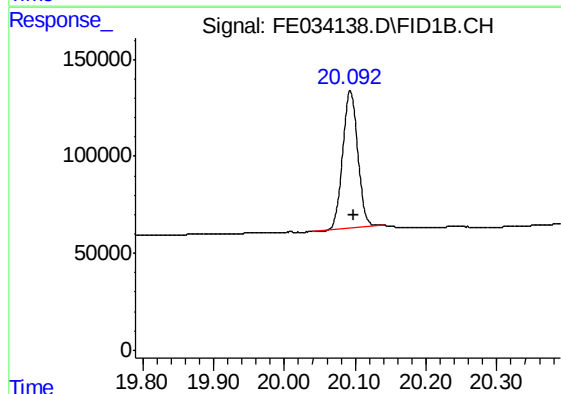
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.006 min
Response: 1375613
Conc: 3.78 ug/ml



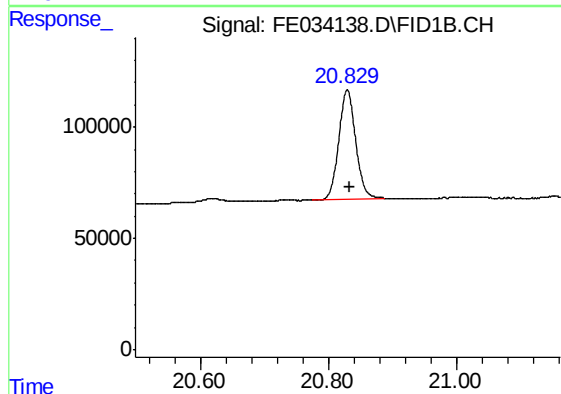
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.006 min
Response: 1250250
Conc: 3.65 ug/ml



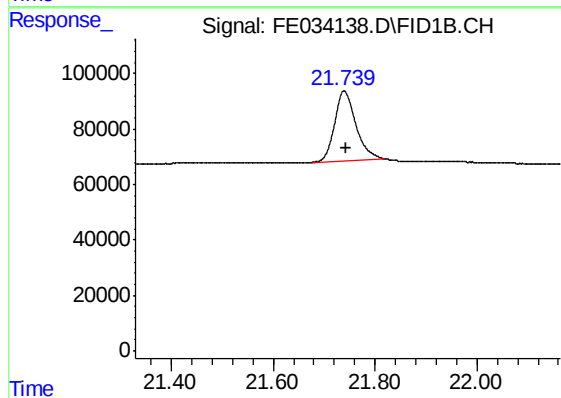
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.005 min
Response: 1053039
Conc: 3.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.004 min
Response: 894967
Conc: 3.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: -0.005 min
Response: 716983
Conc: 2.78 ug/ml