

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072221AL\
 Data File : FE034134.D
 Signal(s) : FID1B.CH
 Acq On : 22 Jul 2021 11:34
 Operator : DD\AJ
 Sample : M2940-01
 Misc : LOD 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 23 01:15:53 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	18063294	51.847 ug/ml
Spiked Amount 50.000		Recovery =	103.69%
Target Compounds			
1) T n-Nonane (C9)	3.386	1361447	3.535 ug/ml
2) T n-Decane (C10)	4.426	1354477	3.493 ug/ml
4) T n-Dodecane (C12)	6.429	1358193	3.446 ug/ml
6) T n-Tetradecane (C14)	8.223	1438369	3.558 ug/ml
7) T n-Hexadecane (C16)	9.824	1488299	3.639 ug/ml
8) T n-Octadecane (C18)	11.265	1627631	3.828 ug/ml
10) T n-Eicosane (C20)	12.574	1603830	3.784 ug/ml
11) T n-Heneicosane (C21)	13.187	1606855	3.750 ug/ml
13) T n-Docosane (C22)	13.773	1596487	3.760 ug/ml
14) T n-Tetracosane (C24)	14.876	1570609	3.700 ug/ml
15) T n-Hexacosane (C26)	15.898	1549498	3.748 ug/ml
16) T n-Octacosane (C28)	16.847	1522129	3.774 ug/ml
17) T n-Tricontane (C30)	17.736	1458594	3.756 ug/ml
18) T n-Dotriacontane (C32)	18.569	1355203	3.721 ug/ml
19) T n-Tetratriacontane (C34)	19.353	1229080	3.589 ug/ml
20) T n-Hexatriacontane (C36)	20.094	1025175	3.301 ug/ml
21) T n-Octatriacontane (C38)	20.832	868778	3.081 ug/ml
22) T n-Tetracontane (C40)	21.742	724614	2.808 ug/ml

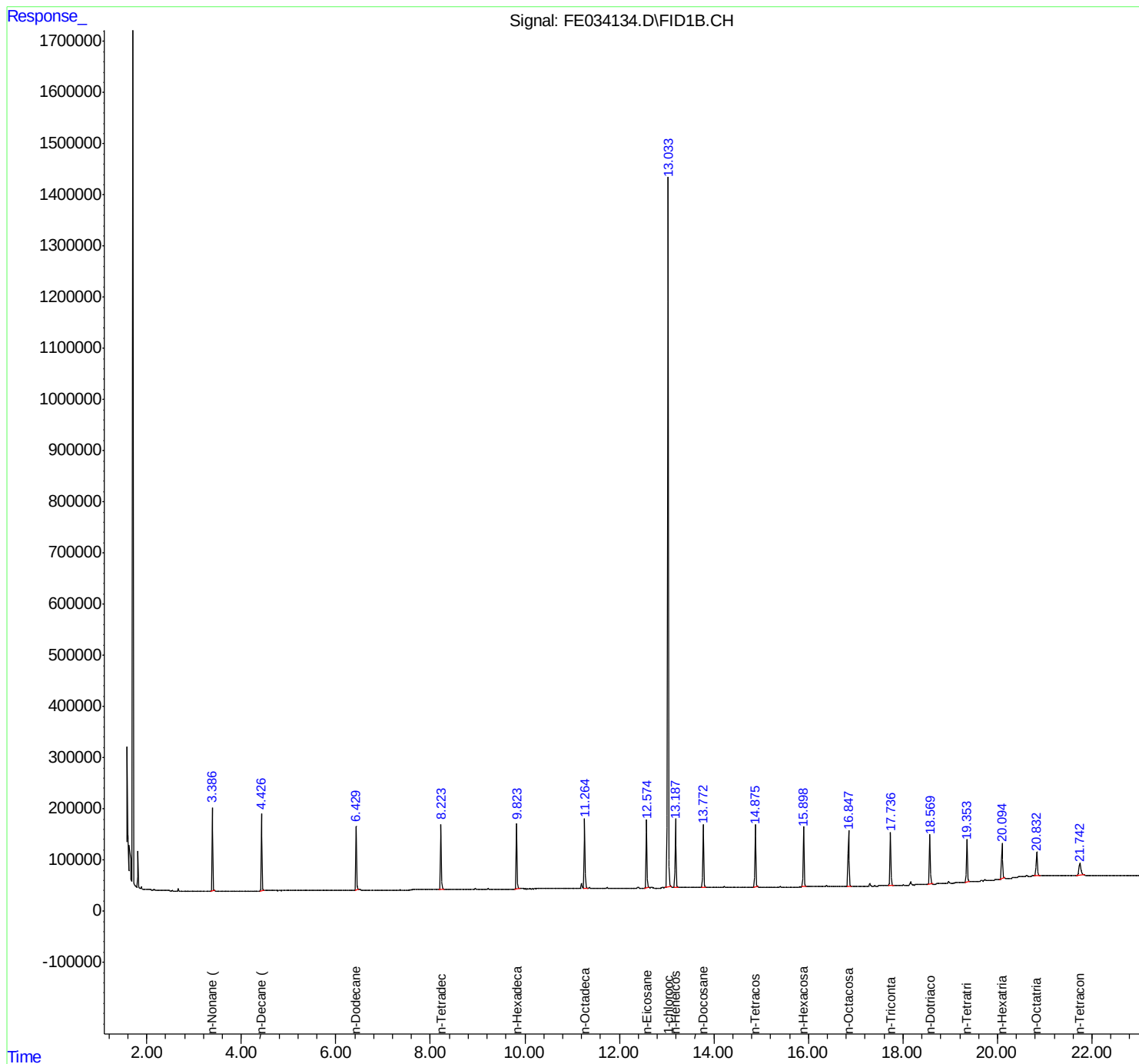
(f)=RT Delta > 1/2 Window

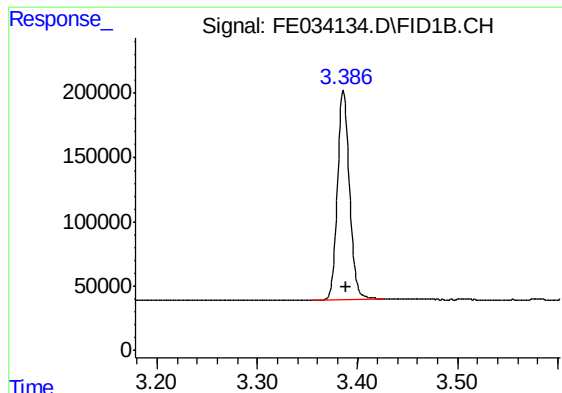
(m)=manual int.

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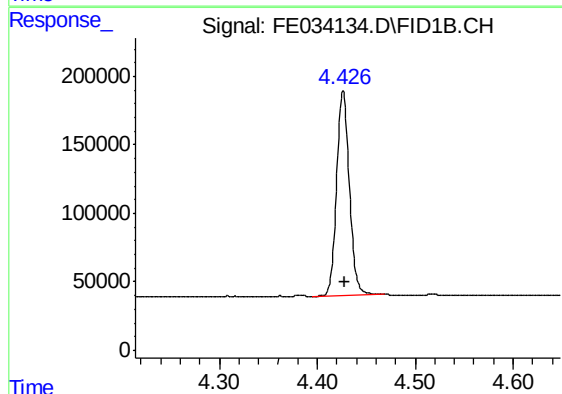
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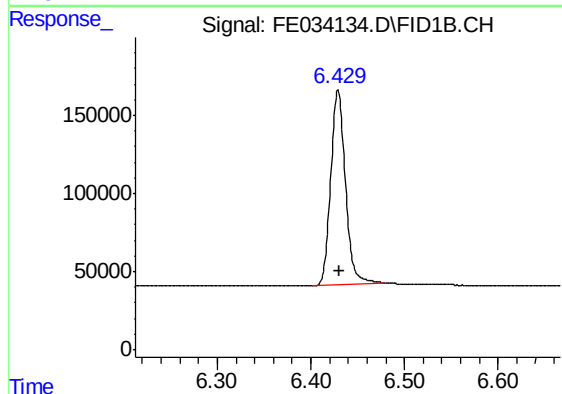
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 1361447
Conc: 3.54 ug/ml



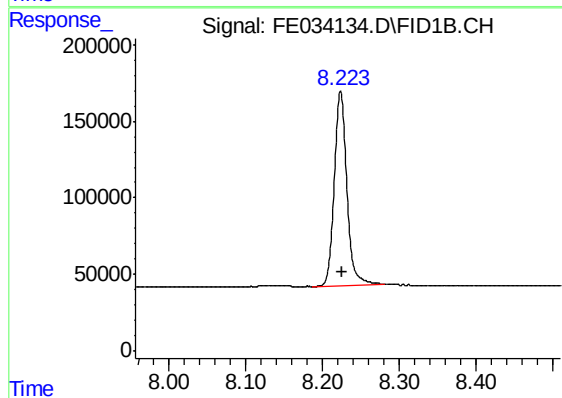
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 1354477
Conc: 3.49 ug/ml



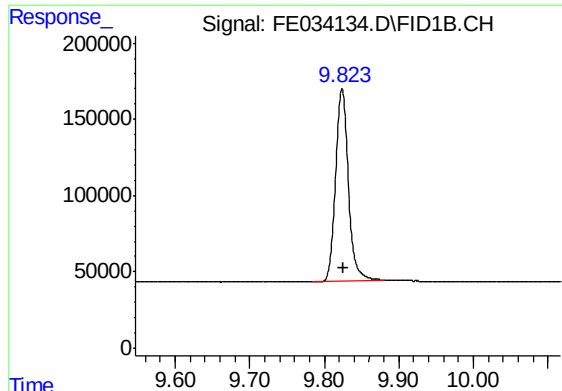
#4 n-Dodecane (C12)

R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 1358193
Conc: 3.45 ug/ml



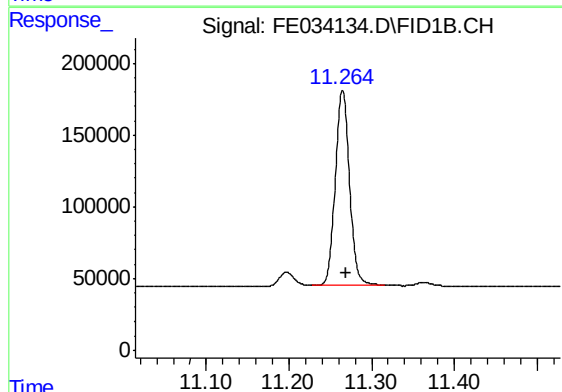
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.002 min
Response: 1438369
Conc: 3.56 ug/ml



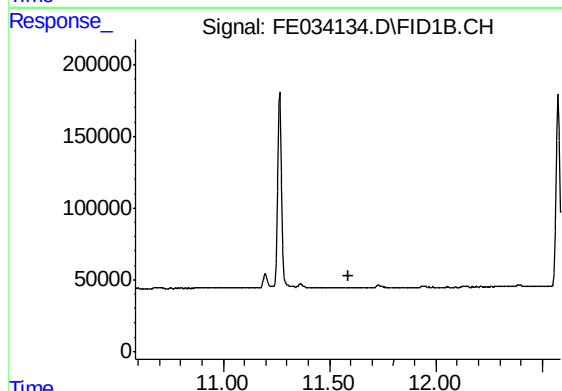
#7 n-Hexadecane (C16)

R.T.: 9.824 min
Delta R.T.: -0.002 min
Response: 1488299
Conc: 3.64 ug/ml



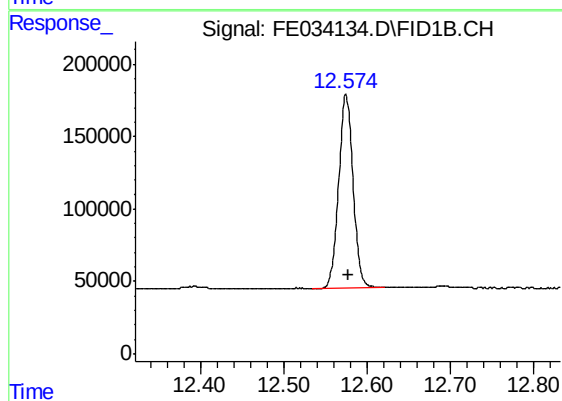
#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.004 min
Response: 1627631
Conc: 3.83 ug/ml



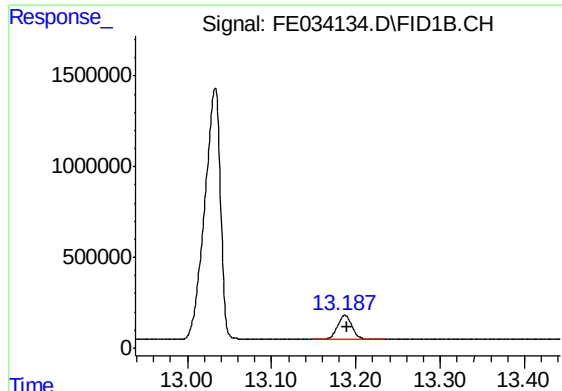
#9 ortho-Terphenyl (SURR)

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



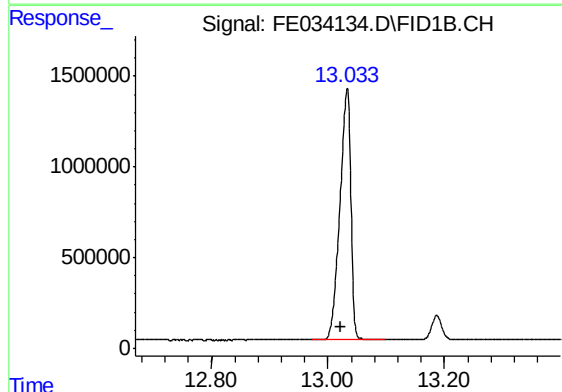
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.003 min
Response: 1603830
Conc: 3.78 ug/ml



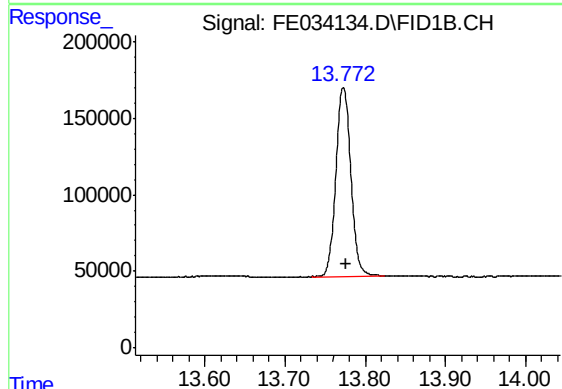
#11 n-Heneicosane (C21)

R.T.: 13.187 min
Delta R.T.: -0.003 min
Response: 1606855
Conc: 3.75 ug/ml



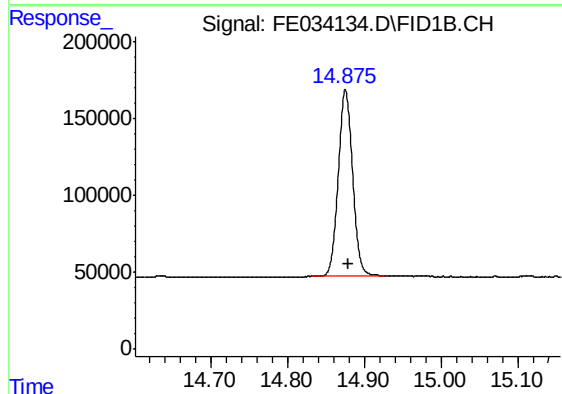
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: 0.010 min
Response: 18063294
Conc: 51.85 ug/ml



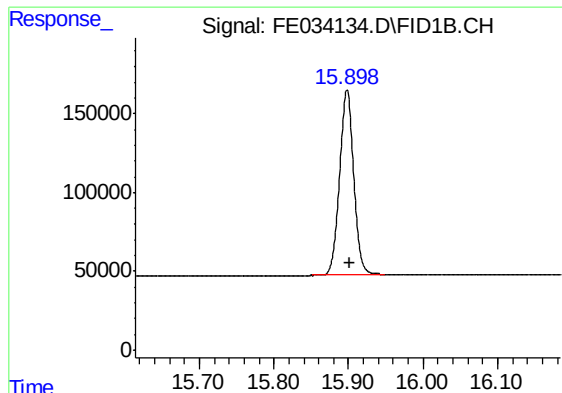
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.004 min
Response: 1596487
Conc: 3.76 ug/ml



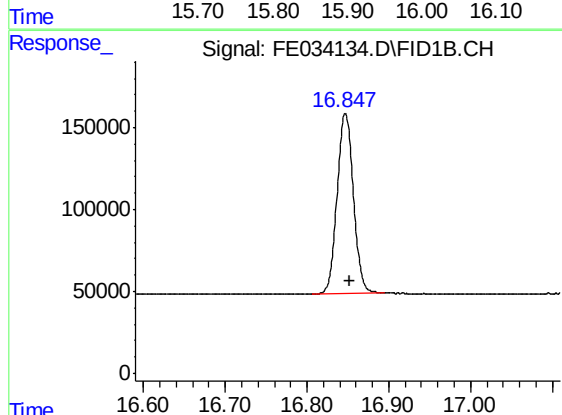
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 1570609
Conc: 3.70 ug/ml



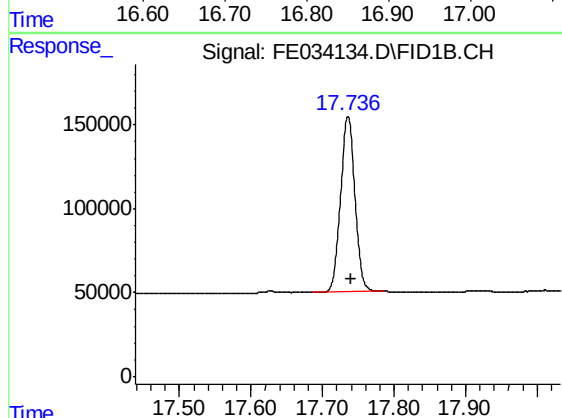
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.003 min
Response: 1549498
Conc: 3.75 ug/ml



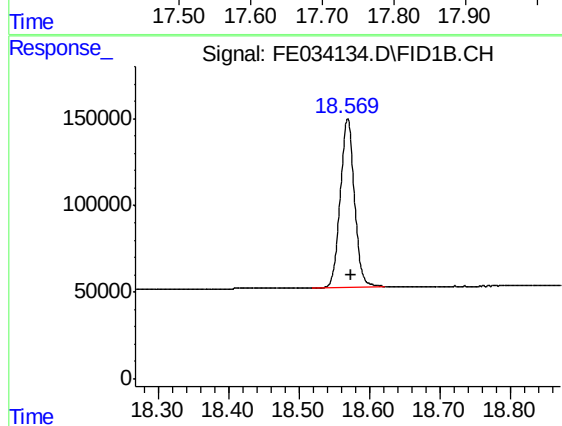
#16 n-Octacosane (C28)

R.T.: 16.847 min
Delta R.T.: -0.006 min
Response: 1522129
Conc: 3.77 ug/ml



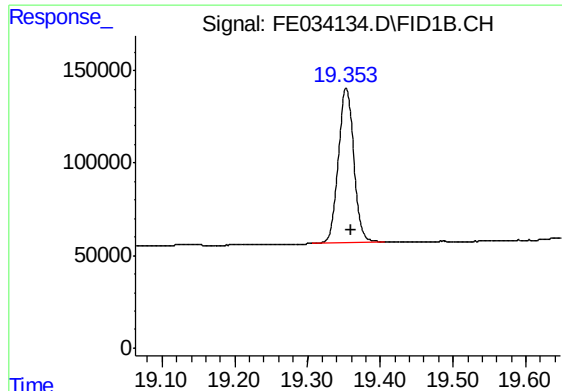
#17 n-Tricontane (C30)

R.T.: 17.736 min
Delta R.T.: -0.005 min
Response: 1458594
Conc: 3.76 ug/ml



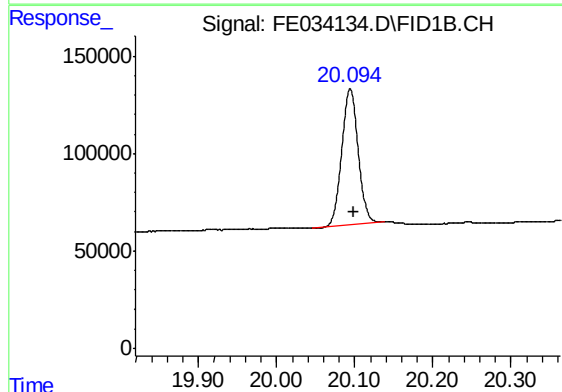
#18 n-Dotriacontane (C32)

R.T.: 18.569 min
Delta R.T.: -0.004 min
Response: 1355203
Conc: 3.72 ug/ml



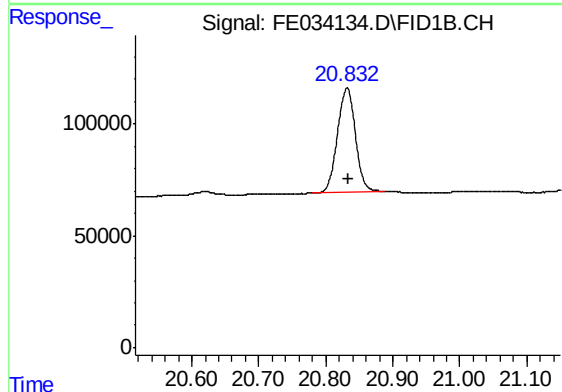
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: -0.006 min
Response: 1229080
Conc: 3.59 ug/ml



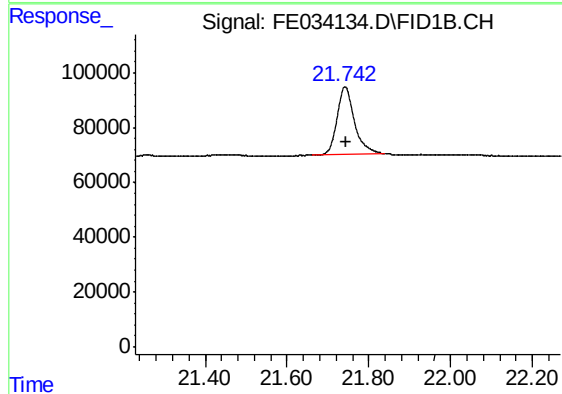
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: -0.004 min
Response: 1025175
Conc: 3.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: -0.002 min
Response: 868778
Conc: 3.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.002 min
Response: 724614
Conc: 2.81 ug/ml