

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040146.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 00:57
 Operator : AJ\MA
 Sample : M5211-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 03:15:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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			
9) S ortho-Terphenyl (SURR)	10.731	7034823	46.678 ug/ml
Spiked Amount 50.000		Recovery =	93.36%
12) S 1-chlorooctadecane (S...	12.166	5682382	48.126 ug/ml
Spiked Amount 50.000		Recovery =	96.25%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.183	159059	1.069 ug/ml
5) T A~2-methylnaphthalene...	6.225	83874	0.563 ug/ml
6) T n-Tetradecane (C14)	7.396	151309	1.148 ug/ml
7) T n-Hexadecane (C16)	8.985	433914	3.257 ug/ml
8) T n-Octadecane (C18)	10.421	454074	3.262 ug/ml
10) T n-Eicosane (C20)	11.721	367238	2.621 ug/ml
11) T n-Heneicosane (C21)	12.319	732427	5.155 ug/ml
13) T n-Docosane (C22)	12.912	851503	6.012 ug/ml
14) T n-Tetracosane (C24)	14.010	191868	1.345 ug/ml
15) T n-Hexacosane (C26)	15.004	269305	1.983 ug/ml
16) T n-Octacosane (C28)	15.986	222190	1.731 ug/ml
17) T n-Tricontane (C30)	16.832	203542	1.695 ug/ml
18) T n-Dotriacontane (C32)	17.677	346871	3.078 ug/ml
19) T n-Tetratriacontane (C34)	18.465	211107	1.931 ug/ml
20) T n-Hexatriacontane (C36)	19.245	195670	1.910 ug/ml
21) T n-Octatriacontane (C38)	19.937	242775	2.532 ug/ml
22) T n-Tetracontane (C40)	20.752	140687	1.810 ug/ml

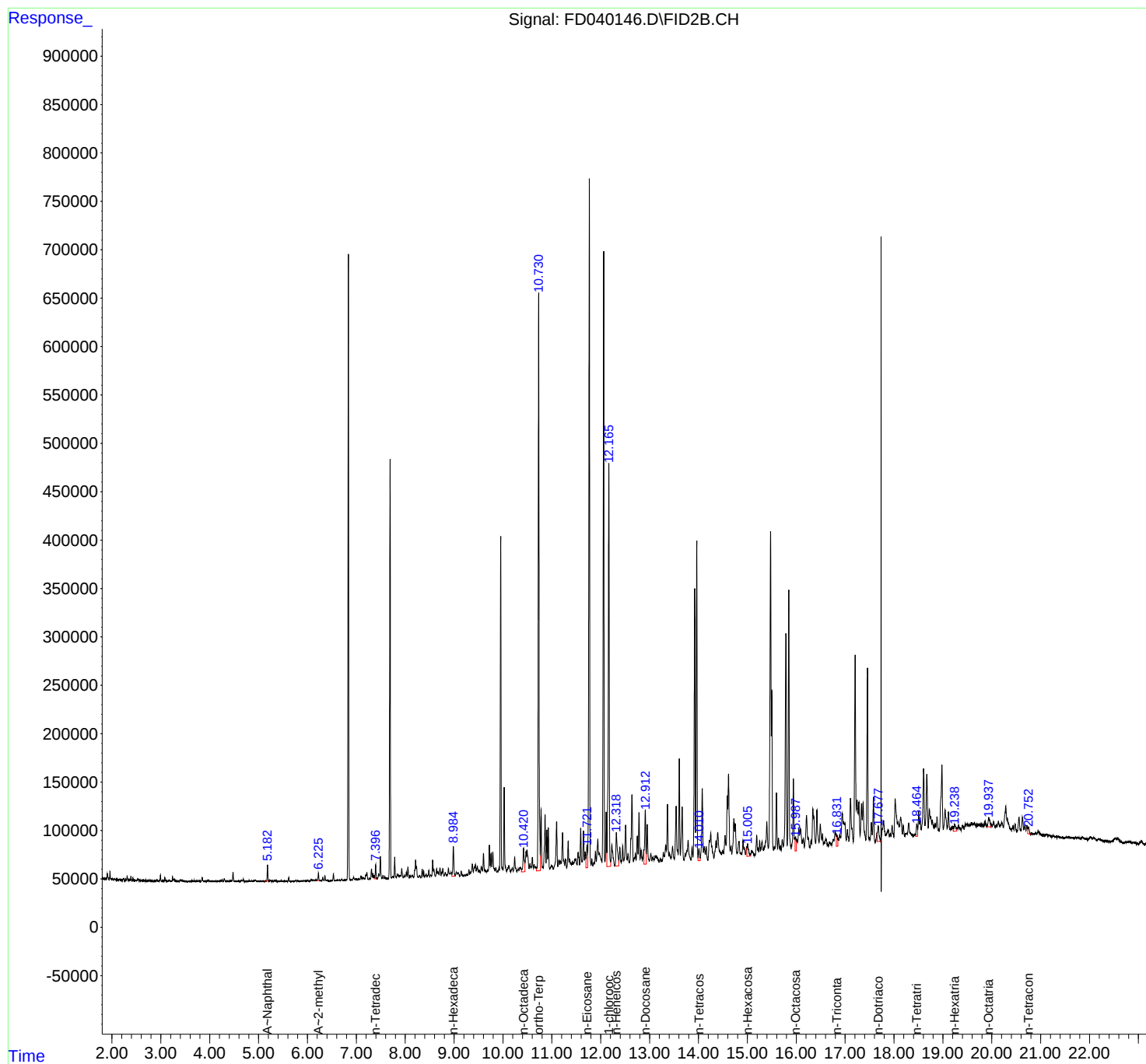
(f)=RT Delta > 1/2 Window

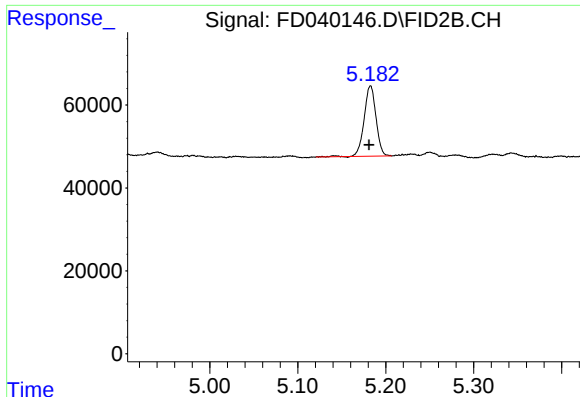
(m)=manual int.

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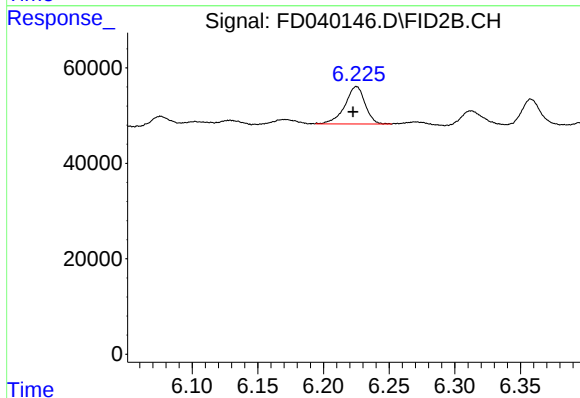
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Signal Info : 20M x 0.18mm x 0.18um





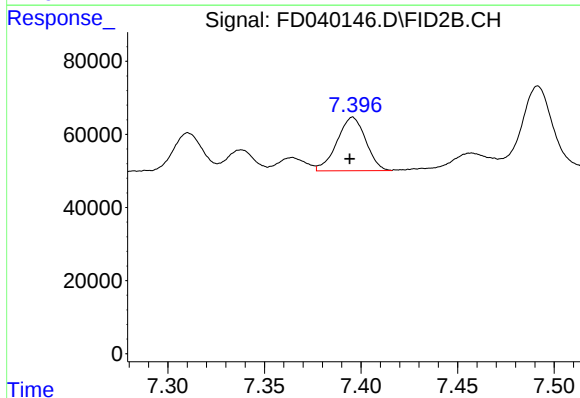
#3 A~Naphthalene (C11.7)

R.T.: 5.183 min
Delta R.T.: 0.002 min
Response: 159059
Conc: 1.07 ug/ml



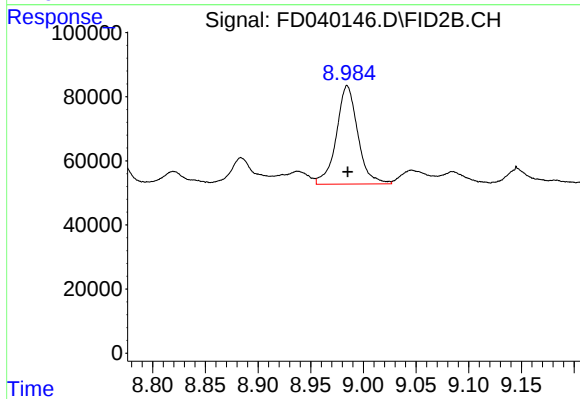
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 83874
Conc: 0.56 ug/ml



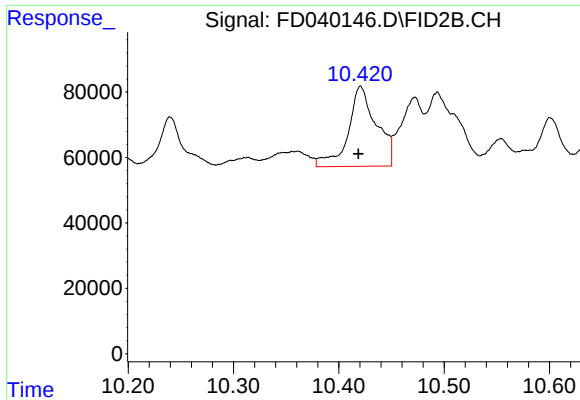
#6 n-Tetradecane (C14)

R.T.: 7.396 min
Delta R.T.: 0.001 min
Response: 151309
Conc: 1.15 ug/ml



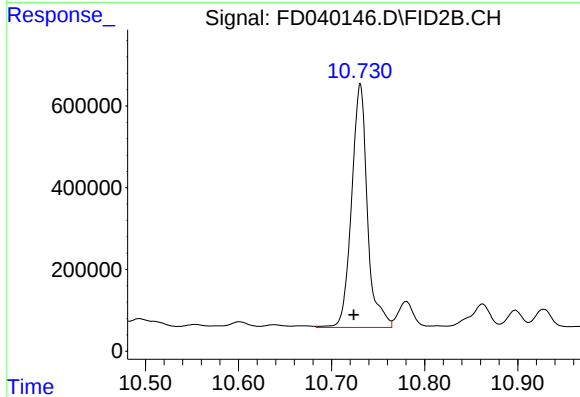
#7 n-Hexadecane (C16)

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 433914
Conc: 3.26 ug/ml



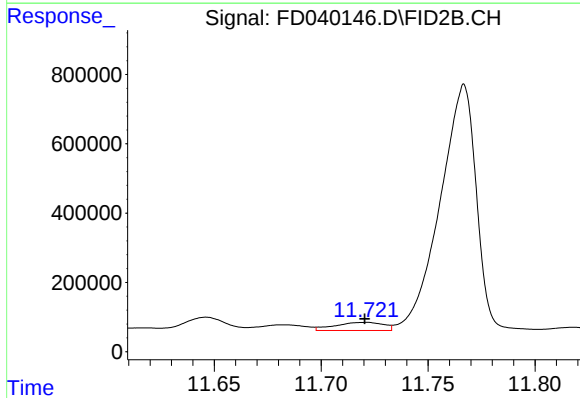
#8 n-Octadecane (C18)

R.T.: 10.421 min
Delta R.T.: 0.002 min
Response: 454074
Conc: 3.26 ug/ml



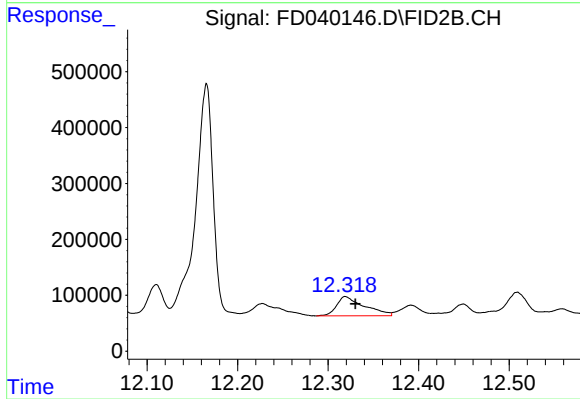
#9 ortho-Terphenyl (SURR)

R.T.: 10.731 min
Delta R.T.: 0.007 min
Response: 7034823
Conc: 46.68 ug/ml



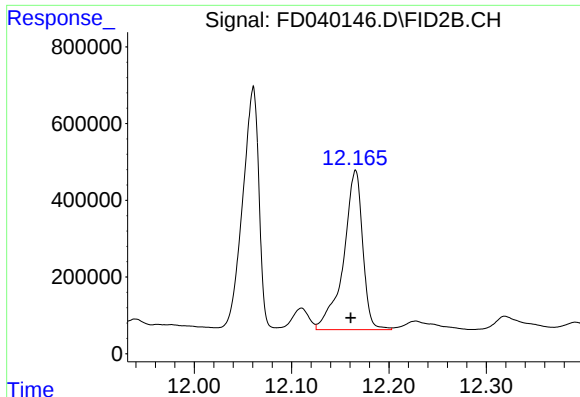
#10 n-Eicosane (C20)

R.T.: 11.721 min
Delta R.T.: 0.000 min
Response: 367238
Conc: 2.62 ug/ml



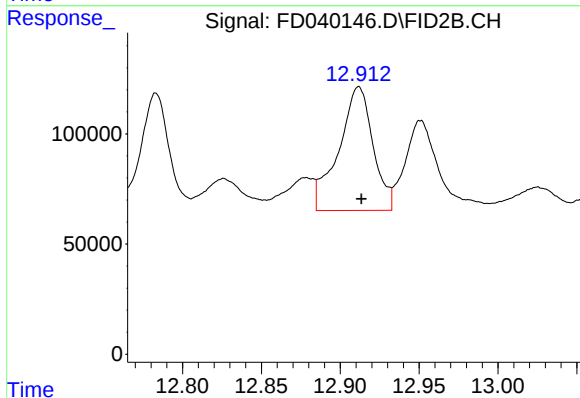
#11 n-Heneicosane (C21)

R.T.: 12.319 min
Delta R.T.: -0.011 min
Response: 732427
Conc: 5.16 ug/ml



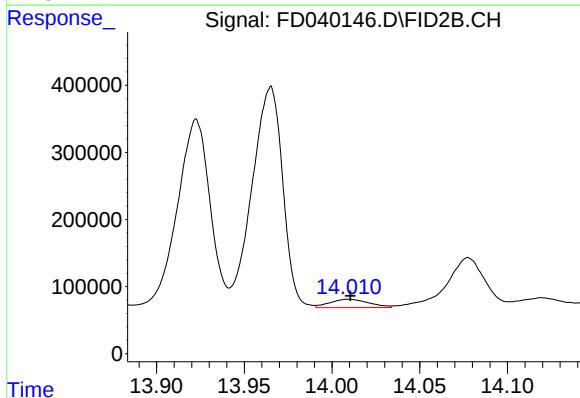
#12 1-chlorooctadecane (SURR)

R.T.: 12.166 min
Delta R.T.: 0.005 min
Response: 5682382
Conc: 48.13 ug/ml



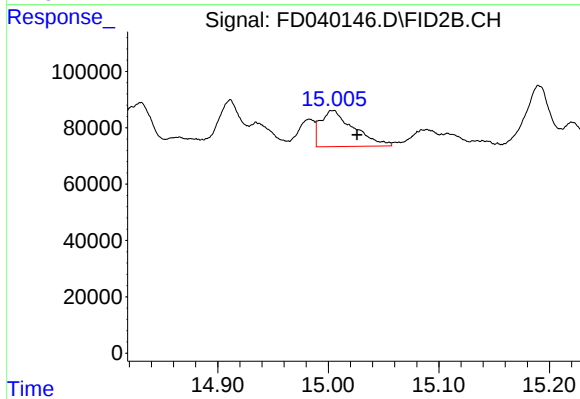
#13 n-Docosane (C22)

R.T.: 12.912 min
Delta R.T.: -0.002 min
Response: 851503
Conc: 6.01 ug/ml



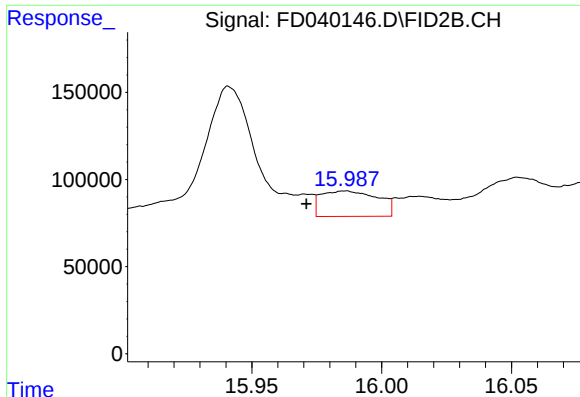
#14 n-Tetracosane (C24)

R.T.: 14.010 min
Delta R.T.: 0.000 min
Response: 191868
Conc: 1.35 ug/ml



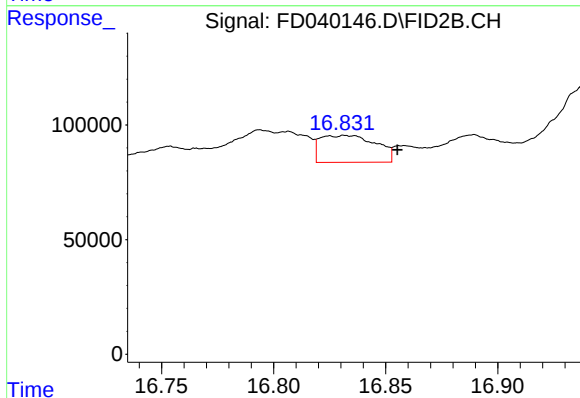
#15 n-Hexacosane (C26)

R.T.: 15.004 min
Delta R.T.: -0.022 min
Response: 269305
Conc: 1.98 ug/ml



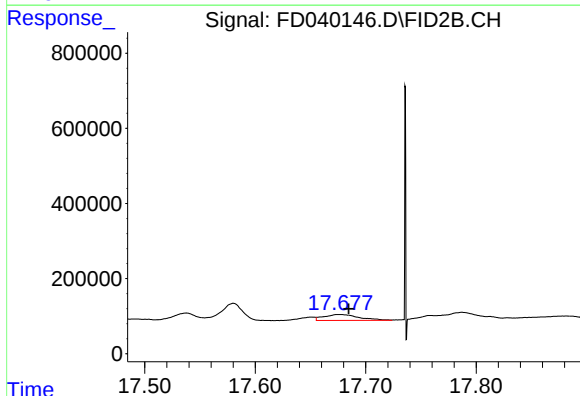
#16 n-Octacosane (C28)

R.T.: 15.986 min
Delta R.T.: 0.015 min
Response: 222190
Conc: 1.73 ug/ml



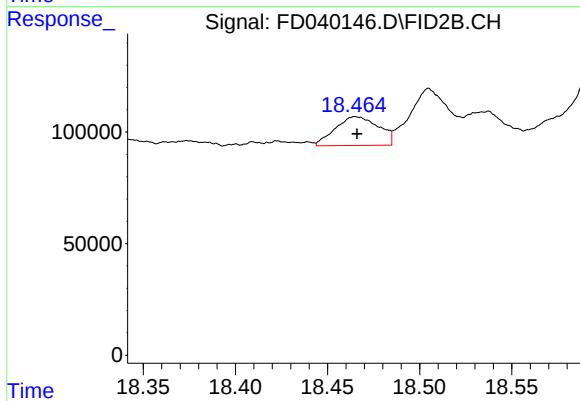
#17 n-Tricontane (C30)

R.T.: 16.832 min
Delta R.T.: -0.023 min
Response: 203542
Conc: 1.69 ug/ml



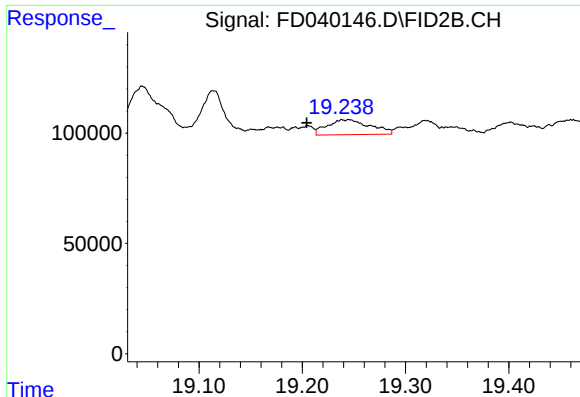
#18 n-Dotriacontane (C32)

R.T.: 17.677 min
Delta R.T.: -0.008 min
Response: 346871
Conc: 3.08 ug/ml



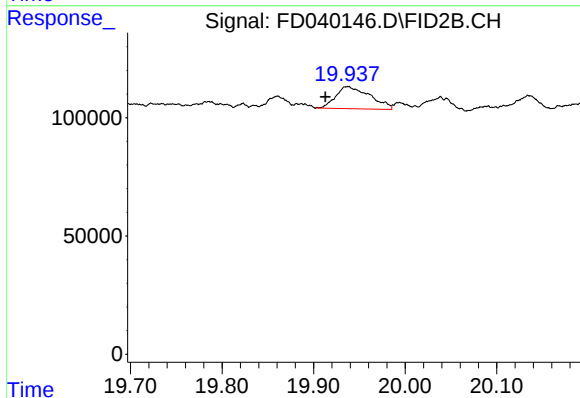
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 211107
Conc: 1.93 ug/ml



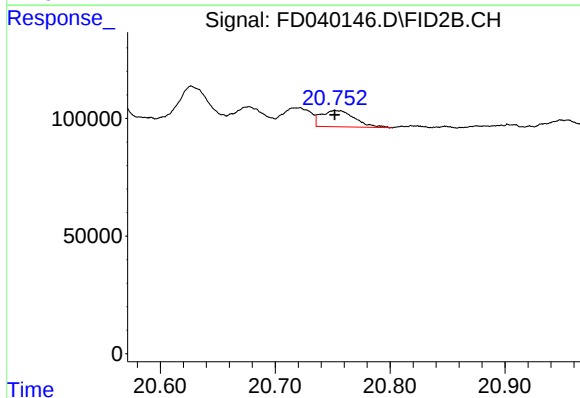
#20 n-Hexatriacontane (C36)

R.T.: 19.245 min
Delta R.T.: 0.041 min
Response: 195670
Conc: 1.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.937 min
Delta R.T.: 0.024 min
Response: 242775
Conc: 2.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.752 min
Delta R.T.: 0.000 min
Response: 140687
Conc: 1.81 ug/ml