

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AL\
 Data File : FD037442.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 21:27
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL- 2.5 PPM
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 04:26:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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...	12.901	3453418	40.820 ug/ml
Spiked Amount 50.000		Recovery =	81.64%
Target Compounds			
1) T n-Nonane (C9)	3.265	169302	1.437 ug/mlm
2) T n-Decane (C10)	4.325	214990	1.813 ug/ml
4) T n-Dodecane (C12)	6.334	423828	3.569 ug/ml
6) T n-Tetradecane (C14)	8.122	280997	2.427 ug/ml
7) T n-Hexadecane (C16)	9.716	249970	2.274 ug/ml
8) T n-Octadecane (C18)	11.152	291077	2.655 ug/ml
10) T n-Eicosane (C20)	12.455	286941	2.705 ug/ml
11) T n-Heneicosane (C21)	13.065	285230	2.715 ug/ml
13) T n-Docosane (C22)	13.649	282688	2.750 ug/ml
14) T n-Tetracosane (C24)	14.746	279005	2.754 ug/ml
15) T n-Hexacosane (C26)	15.763	293902	3.009 ug/ml
16) T n-Octacosane (C28)	16.707	325058	3.382 ug/ml
17) T n-Tricontane (C30)	17.589	403868	4.200 ug/ml
18) T n-Dotriacontane (C32)	18.418	444381	4.518 ug/ml
19) T n-Tetratriacontane (C34)	19.197	406700	4.285 ug/ml
20) T n-Hexatriacontane (C36)	19.932	373295	3.964 ug/mlm
21) T n-Octatriacontane (C38)	20.642	318643	3.701 ug/ml
22) T n-Tetracontane (C40)	21.488	363452	3.788 ug/ml

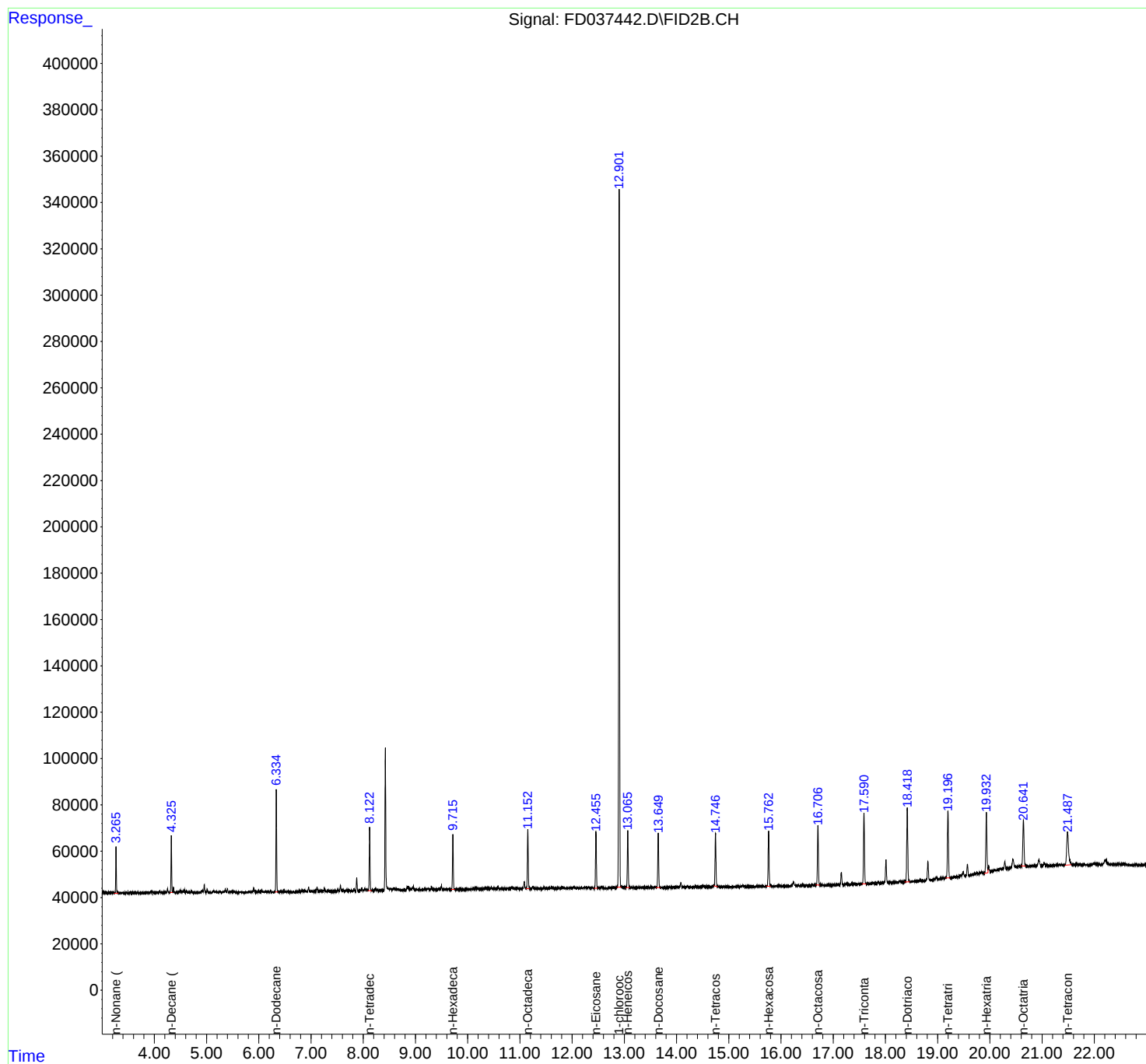
(f)=RT Delta > 1/2 Window

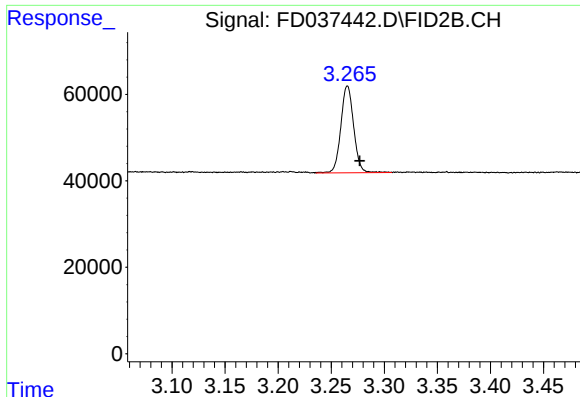
(m)=manual int.

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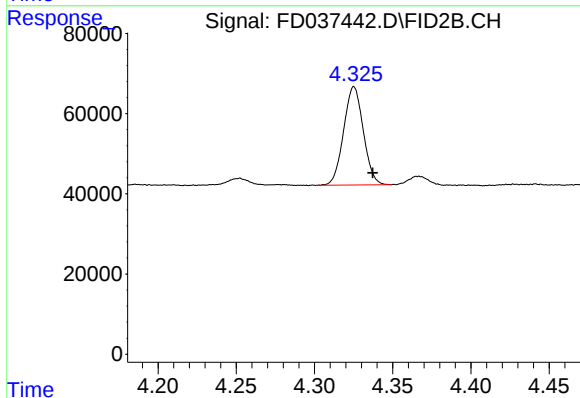
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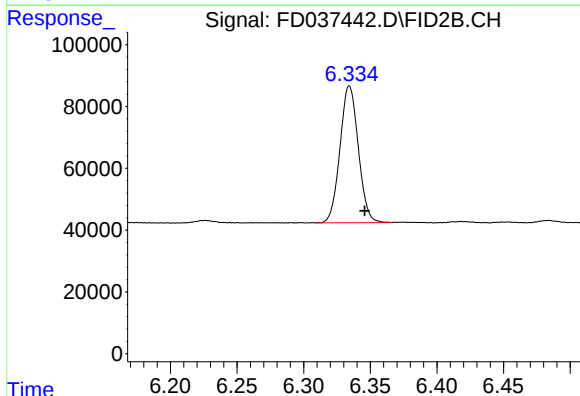
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.012 min
Response: 169302
Conc: 1.44 ug/ml m



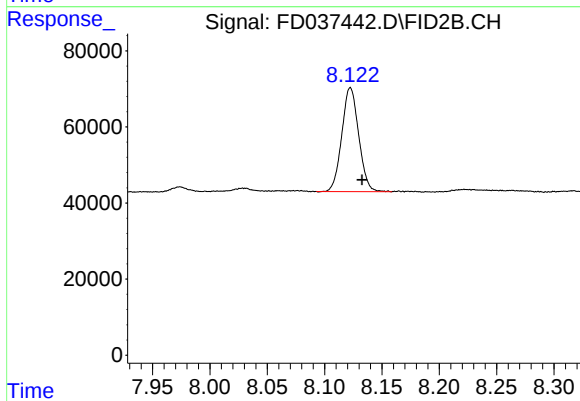
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.012 min
Response: 214990
Conc: 1.81 ug/ml



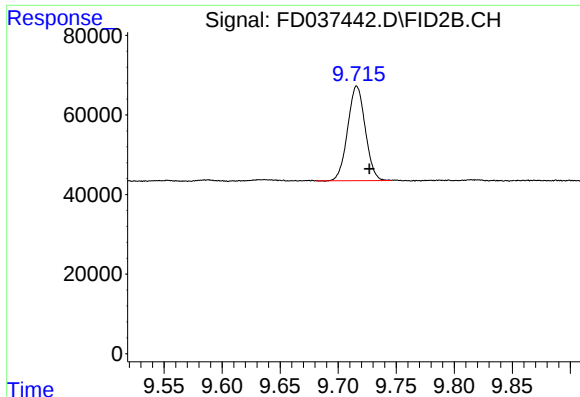
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: -0.012 min
Response: 423828
Conc: 3.57 ug/ml



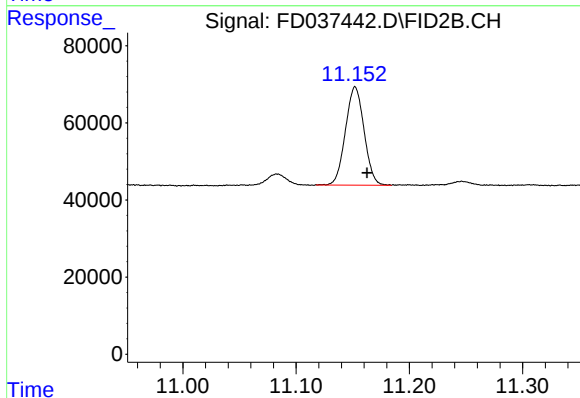
#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: -0.010 min
Response: 280997
Conc: 2.43 ug/ml



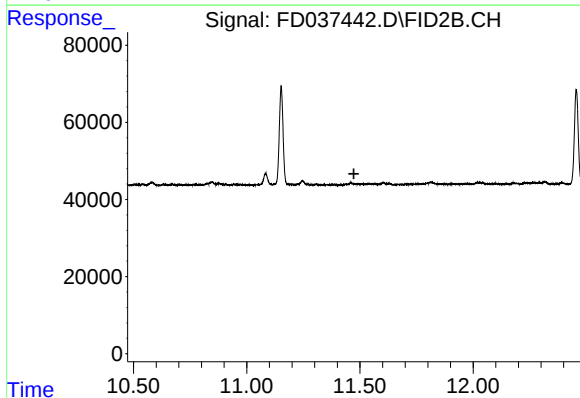
#7 n-Hexadecane (C16)

R.T.: 9.716 min
Delta R.T.: -0.011 min
Response: 249970
Conc: 2.27 ug/ml



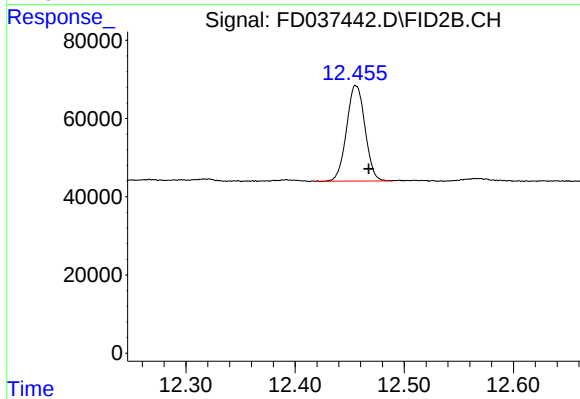
#8 n-Octadecane (C18)

R.T.: 11.152 min
Delta R.T.: -0.011 min
Response: 291077
Conc: 2.65 ug/ml



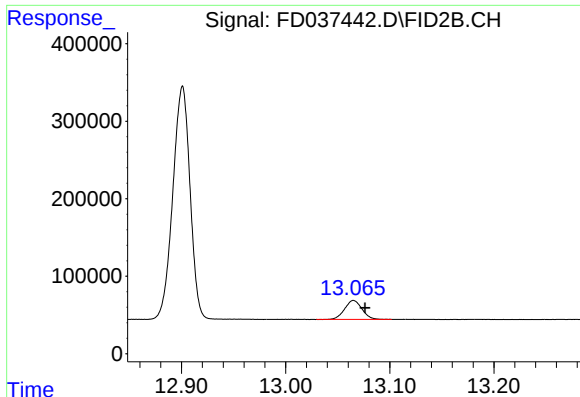
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.473 min
Response: 0
Conc: N.D.



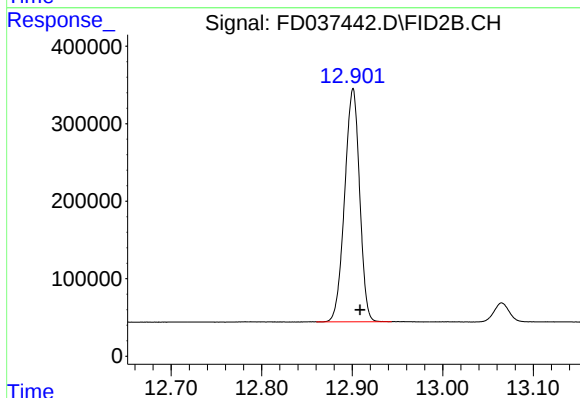
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.012 min
Response: 286941
Conc: 2.71 ug/ml



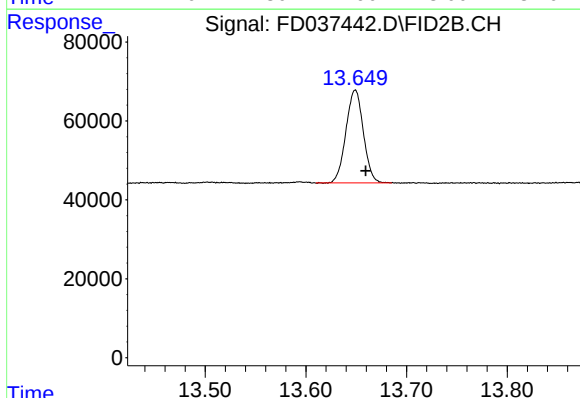
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: -0.011 min
Response: 285230
Conc: 2.71 ug/ml



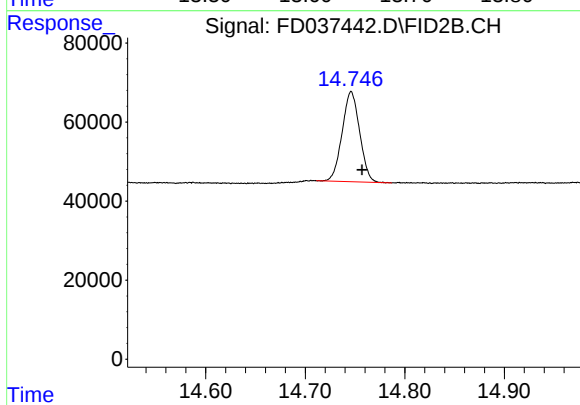
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.008 min
Response: 3453418
Conc: 40.82 ug/ml



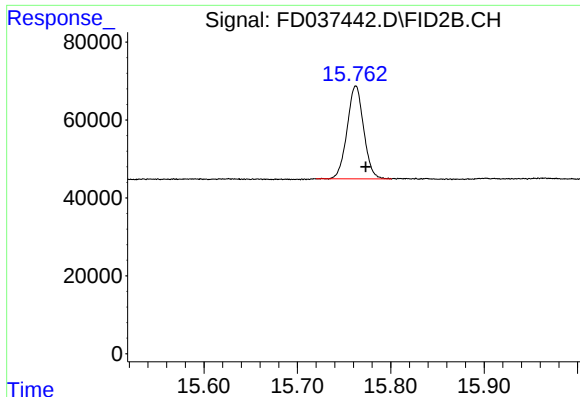
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: -0.010 min
Response: 282688
Conc: 2.75 ug/ml



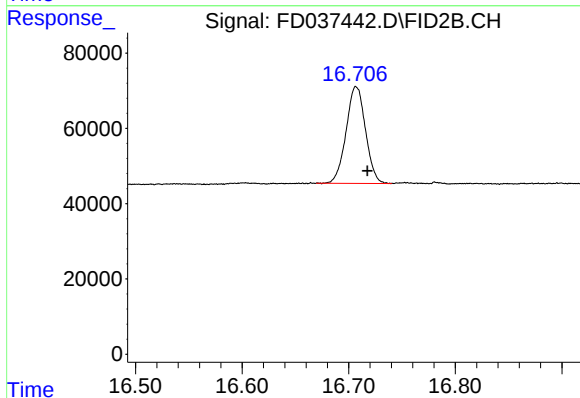
#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: -0.011 min
Response: 279005
Conc: 2.75 ug/ml



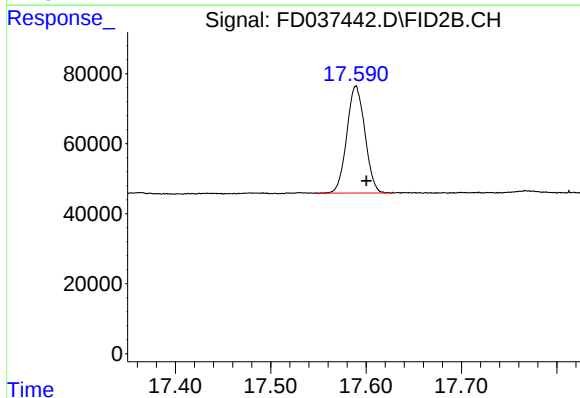
#15 n-Hexacosane (C26)

R.T.: 15.763 min
Delta R.T.: -0.011 min
Response: 293902
Conc: 3.01 ug/ml



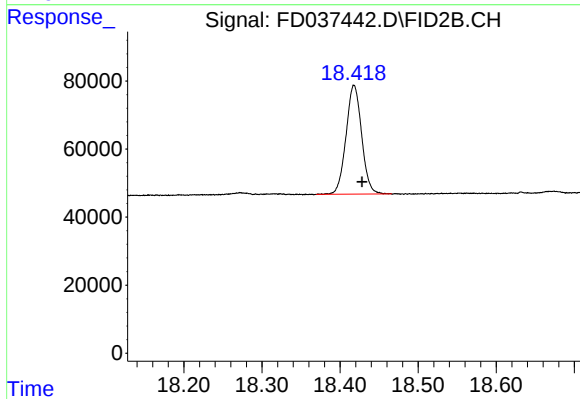
#16 n-Octacosane (C28)

R.T.: 16.707 min
Delta R.T.: -0.010 min
Response: 325058
Conc: 3.38 ug/ml



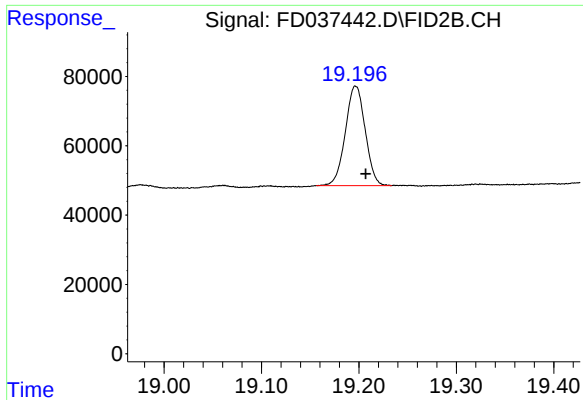
#17 n-Tricontane (C30)

R.T.: 17.589 min
Delta R.T.: -0.011 min
Response: 403868
Conc: 4.20 ug/ml



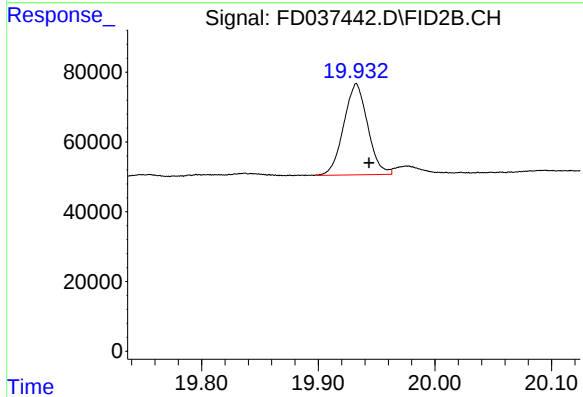
#18 n-Dotriacontane (C32)

R.T.: 18.418 min
Delta R.T.: -0.010 min
Response: 444381
Conc: 4.52 ug/ml



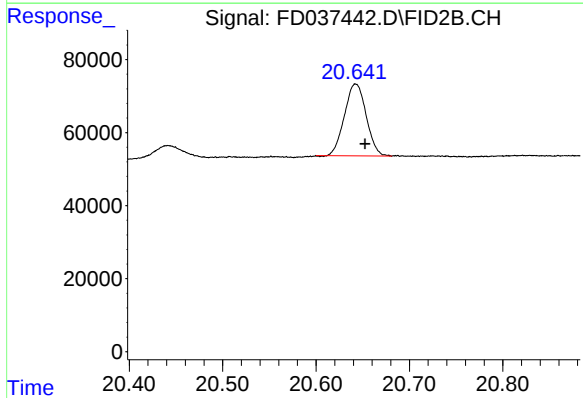
#19 n-Tetratriacontane (C34)

R.T.: 19.197 min
Delta R.T.: -0.010 min
Response: 406700
Conc: 4.28 ug/ml



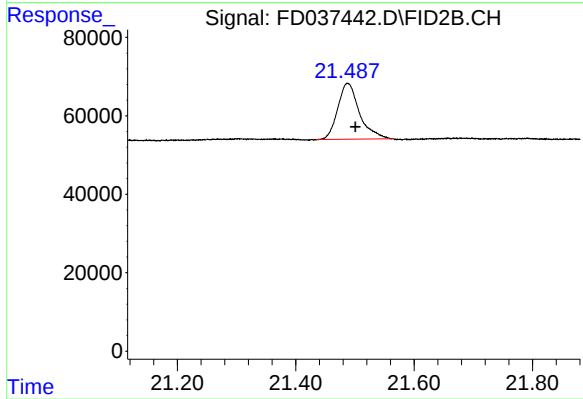
#20 n-Hexatriacontane (C36)

R.T.: 19.932 min
Delta R.T.: -0.011 min
Response: 373295
Conc: 3.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.642 min
Delta R.T.: -0.010 min
Response: 318643
Conc: 3.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.488 min
Delta R.T.: -0.013 min
Response: 363452
Conc: 3.79 ug/ml