

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022723AL\
 Data File : FF012241.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 21:44
 Operator : YP\AJ
 Sample : 01627-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 05:06:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 04:05:36 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.384	6281362	51.376 ug/ml
Spiked Amount 50.000		Recovery =	102.75%
Target Compounds			
1) T n-Nonane (C9)	2.798	367353	2.781 ug/ml
2) T n-Decane (C10)	3.810	445387	3.426 ug/ml
4) T n-Dodecane (C12)	5.798	568554	4.299 ug/ml
6) T n-Tetradecane (C14)	7.590	550546	4.098 ug/ml
7) T n-Hexadecane (C16)	9.188	600624	4.291 ug/ml
8) T n-Octadecane (C18)	10.626	689716	4.774 ug/ml
10) T n-Eicosane (C20)	11.934	715622	4.988 ug/ml
11) T n-Heneicosane (C21)	12.546	673507	4.668 ug/ml
13) T n-Docosane (C22)	13.131	741265	5.078 ug/ml
14) T n-Tetracosane (C24)	14.234	803319	5.345 ug/ml
15) T n-Hexacosane (C26)	15.252	760833	5.102 ug/ml
16) T n-Octacosane (C28)	16.202	758509	5.113 ug/ml
17) T n-Tricontane (C30)	17.088	779752	5.414 ug/ml
18) T n-Dotriacontane (C32)	17.920	760328	5.499 ug/ml
19) T n-Tetratriacontane (C34)	18.703	662017	5.303 ug/ml
20) T n-Hexatriacontane (C36)	19.441	592088	5.064 ug/ml
21) T n-Octatriacontane (C38)	20.176	533986	4.869 ug/mlm
22) T n-Tetracontane (C40)	21.088	518861	4.746 ug/ml

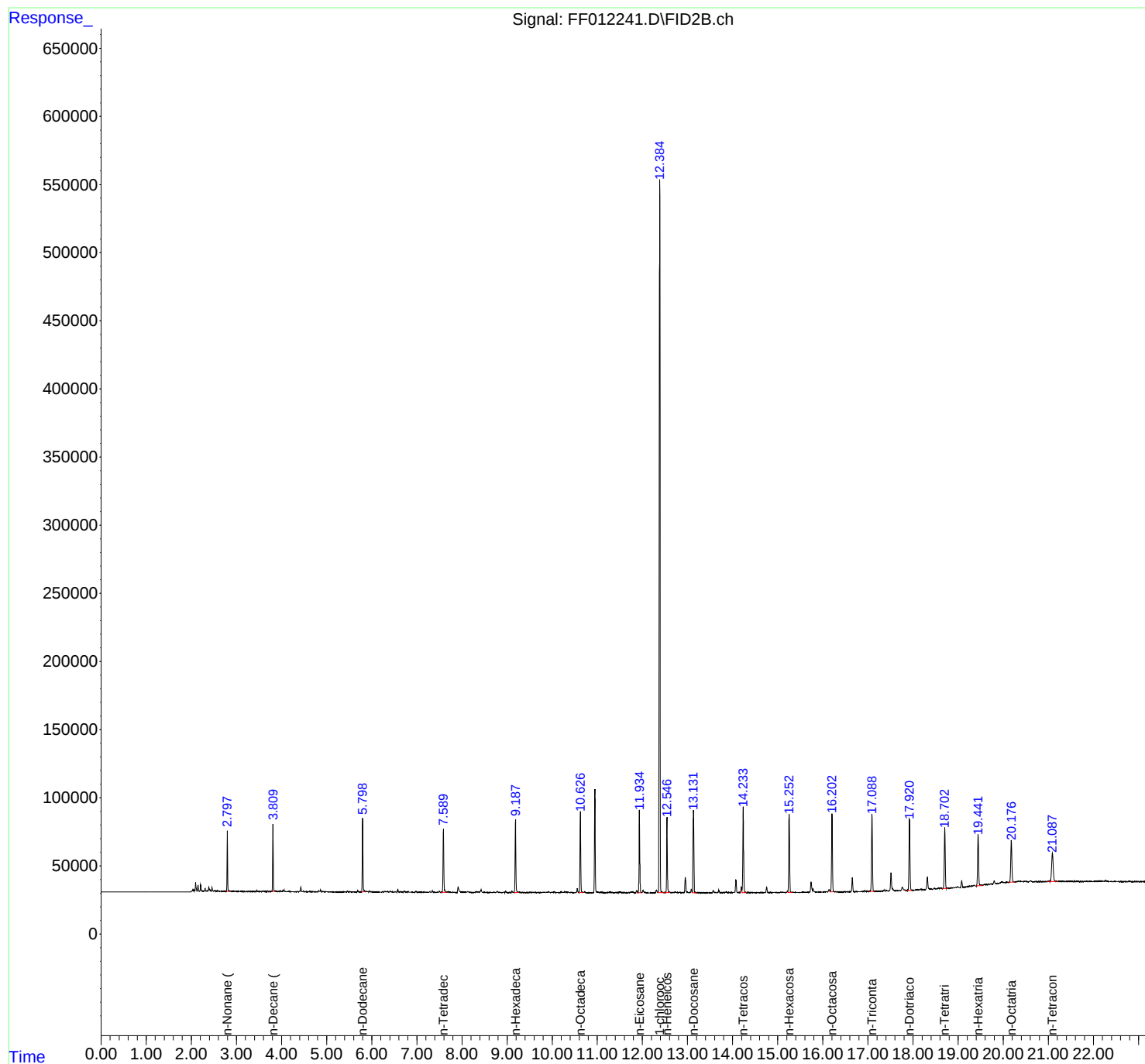
(f)=RT Delta > 1/2 Window

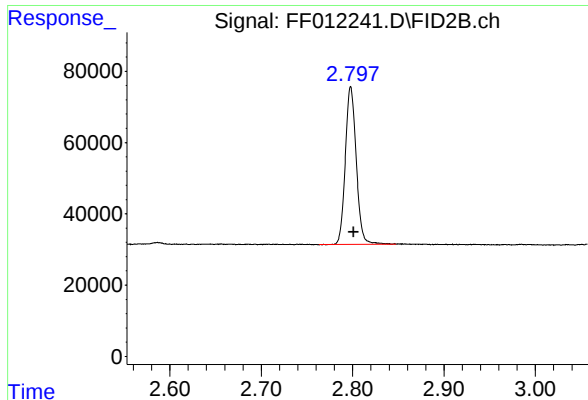
(m)=manual int.

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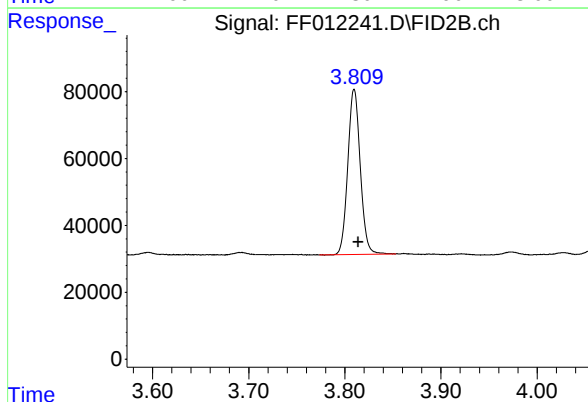
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Signal Info : 20M x 0.18mm x 0.18um





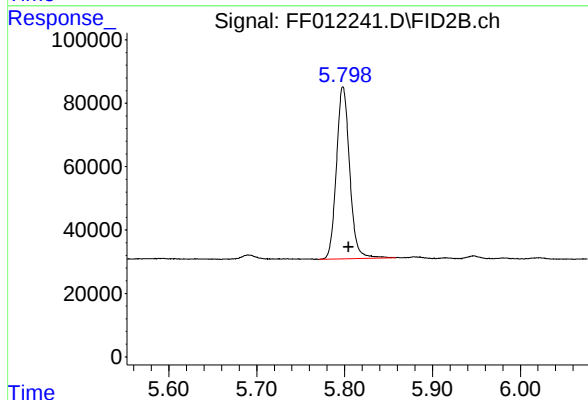
#1 n-Nonane (C9)

R.T.: 2.798 min
Delta R.T.: -0.003 min
Response: 367353
Conc: 2.78 ug/ml



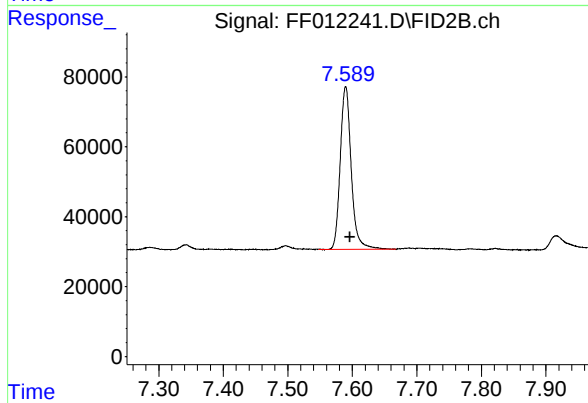
#2 n-Decane (C10)

R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 445387
Conc: 3.43 ug/ml



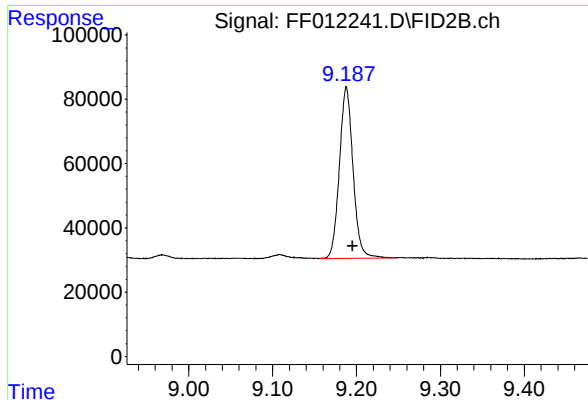
#4 n-Dodecane (C12)

R.T.: 5.798 min
Delta R.T.: -0.006 min
Response: 568554
Conc: 4.30 ug/ml



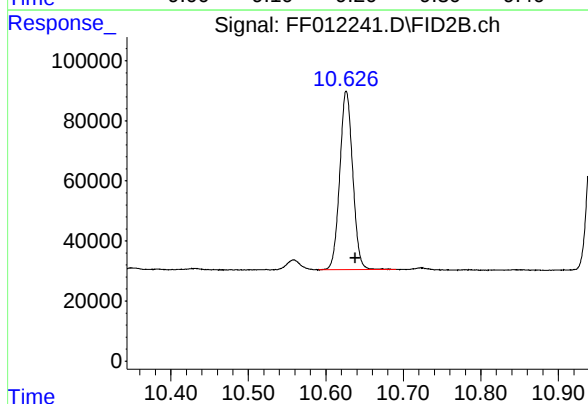
#6 n-Tetradecane (C14)

R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 550546
Conc: 4.10 ug/ml



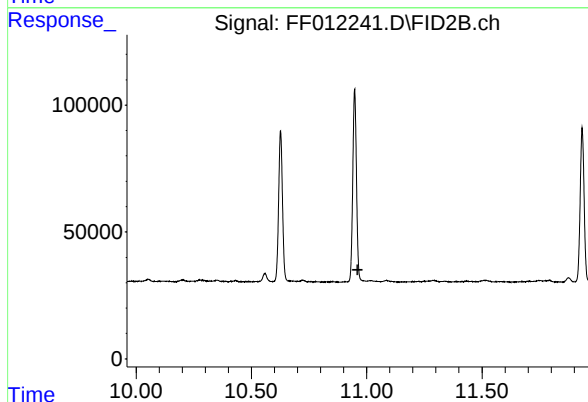
#7 n-Hexadecane (C16)

R.T.: 9.188 min
Delta R.T.: -0.008 min
Response: 600624
Conc: 4.29 ug/ml



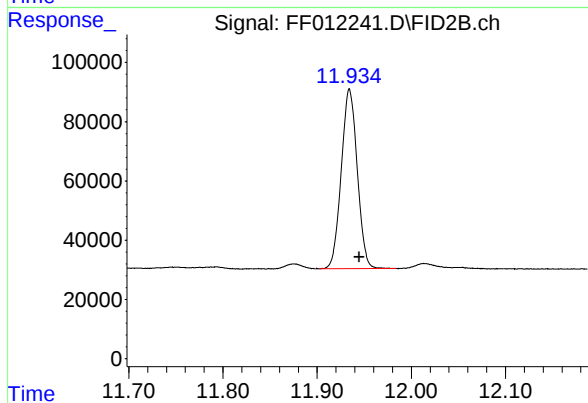
#8 n-Octadecane (C18)

R.T.: 10.626 min
Delta R.T.: -0.012 min
Response: 689716
Conc: 4.77 ug/ml



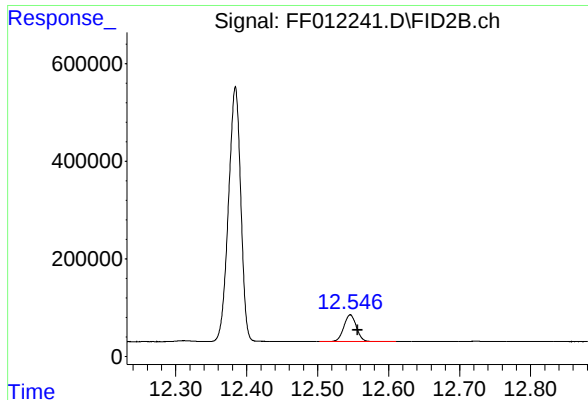
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.960 min
Response: 0
Conc: N.D.



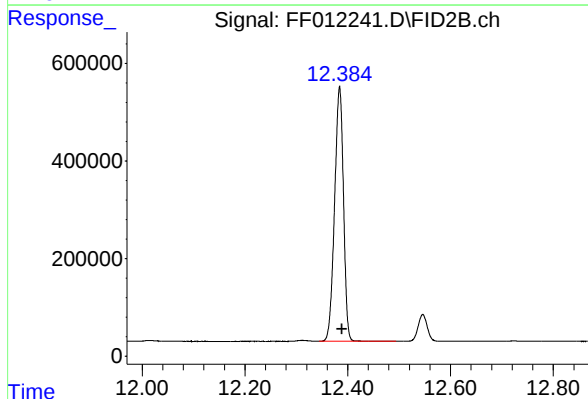
#10 n-Eicosane (C20)

R.T.: 11.934 min
Delta R.T.: -0.010 min
Response: 715622
Conc: 4.99 ug/ml



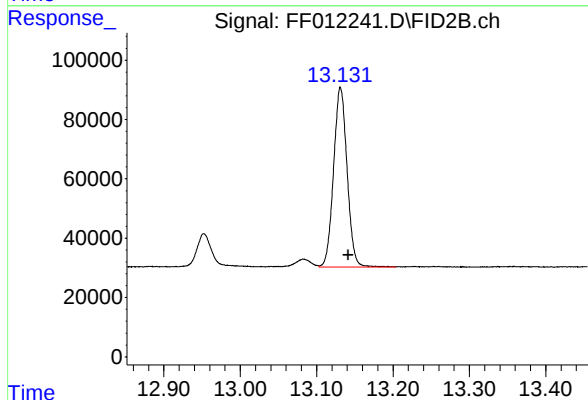
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.011 min
Response: 673507
Conc: 4.67 ug/ml



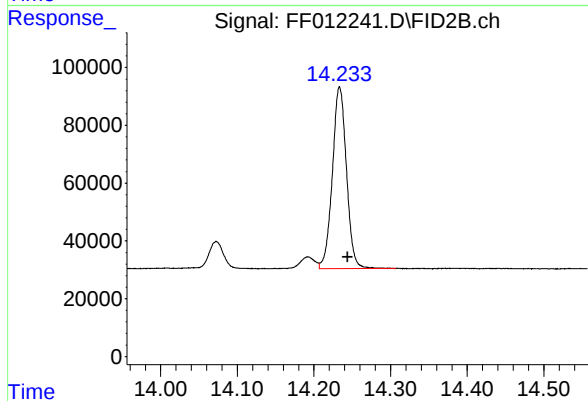
#12 1-chlorooctadecane (SURR)

R.T.: 12.384 min
Delta R.T.: -0.005 min
Response: 6281362
Conc: 51.38 ug/ml



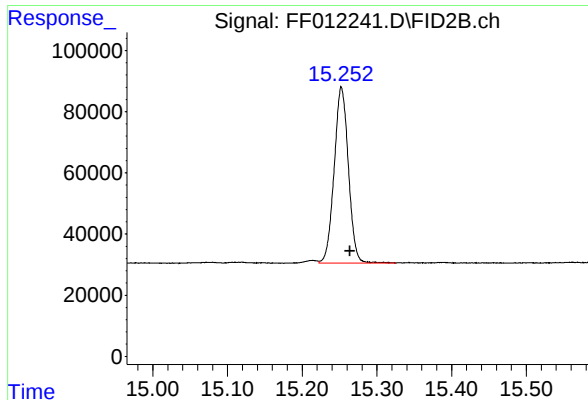
#13 n-Docosane (C22)

R.T.: 13.131 min
Delta R.T.: -0.010 min
Response: 741265
Conc: 5.08 ug/ml



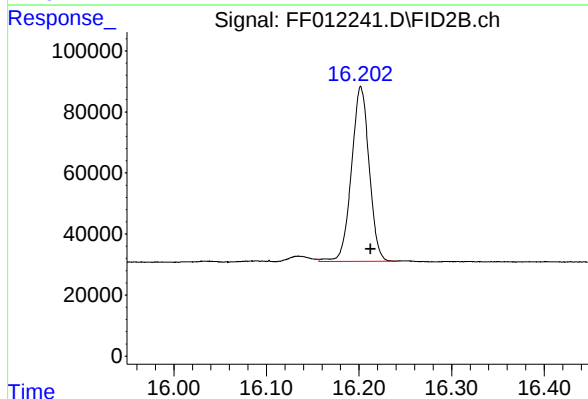
#14 n-Tetracosane (C24)

R.T.: 14.234 min
Delta R.T.: -0.010 min
Response: 803319
Conc: 5.35 ug/ml



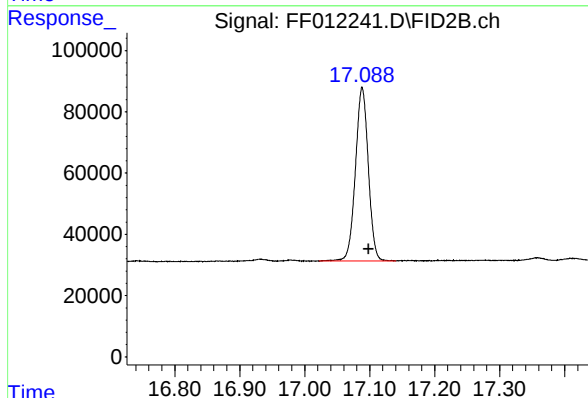
#15 n-Hexacosane (C26)

R.T.: 15.252 min
Delta R.T.: -0.012 min
Response: 760833
Conc: 5.10 ug/ml



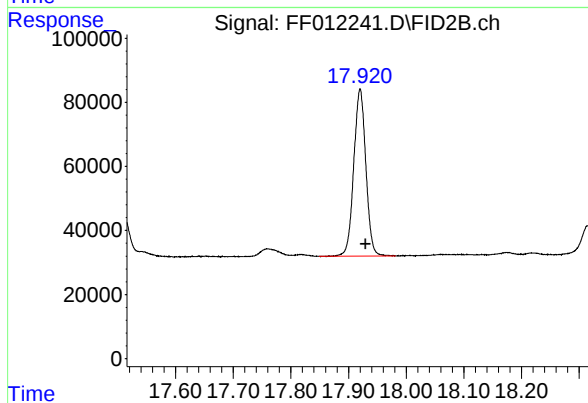
#16 n-Octacosane (C28)

R.T.: 16.202 min
Delta R.T.: -0.010 min
Response: 758509
Conc: 5.11 ug/ml



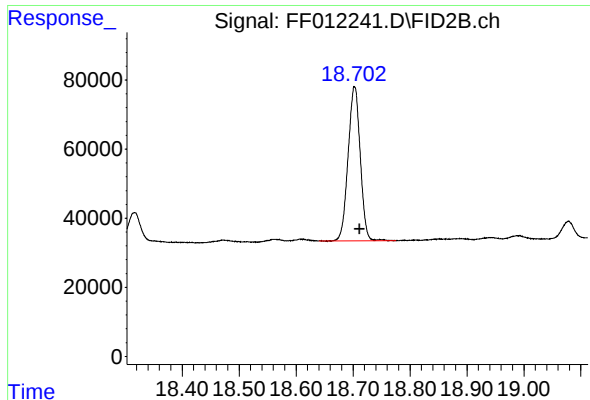
#17 n-Tricontane (C30)

R.T.: 17.088 min
Delta R.T.: -0.010 min
Response: 779752
Conc: 5.41 ug/ml



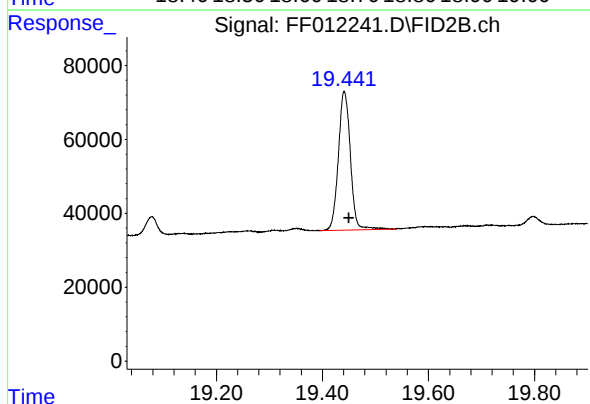
#18 n-Dotriacontane (C32)

R.T.: 17.920 min
Delta R.T.: -0.010 min
Response: 760328
Conc: 5.50 ug/ml



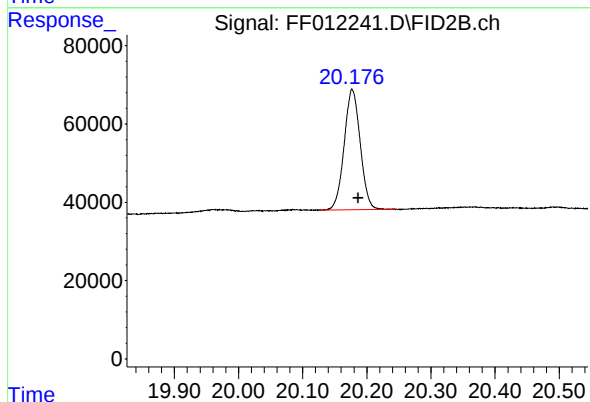
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min
Delta R.T.: -0.009 min
Response: 662017
Conc: 5.30 ug/ml



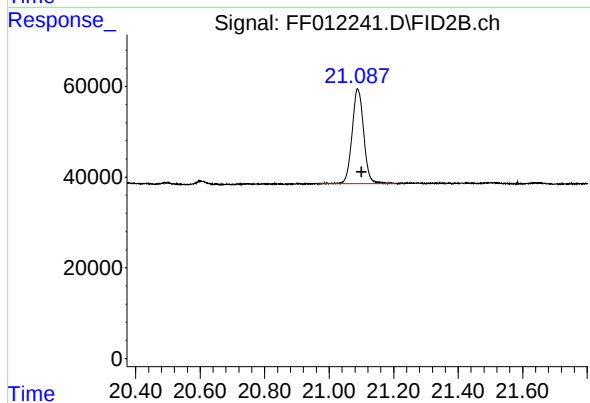
#20 n-Hexatriacontane (C36)

R.T.: 19.441 min
Delta R.T.: -0.009 min
Response: 592088
Conc: 5.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.176 min
Delta R.T.: -0.011 min
Response: 533986
Conc: 4.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.088 min
Delta R.T.: -0.013 min
Response: 518861
Conc: 4.75 ug/ml