

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080422AL\
 Data File : FC060989.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2022 11:21
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 06:37:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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...	11.994	2727216	20.543 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	2.639	105383	0.748 ug/ml
2) T n-Decane (C10)	3.631	146759	1.040 ug/mlm
4) T n-Dodecane (C12)	5.574	254422	1.717 ug/ml
6) T n-Tetradecane (C14)	7.319	255709	1.703 ug/mlm
7) T n-Hexadecane (C16)	8.878	232698	1.521 ug/ml
8) T n-Octadecane (C18)	10.281	273889	1.754 ug/mlm
10) T n-Eicosane (C20)	11.557	342296	2.181 ug/ml
11) T n-Heneicosane (C21)	12.153	279689	1.788 ug/mlm
13) T n-Docosane (C22)	12.724	729167	4.677 ug/ml
14) T n-Tetracosane (C24)	13.800	921885	6.038 ug/ml
15) T n-Hexacosane (C26)	14.797	971720	6.510 ug/ml
16) T n-Octacosane (C28)	15.724	1154729	8.059 ug/ml
17) T n-Tricontane (C30)	16.591	1264733	9.034 ug/ml
18) T n-Dotriacontane (C32)	17.401	1070384	7.931 ug/ml
19) T n-Tetratriacontane (C34)	18.165	690390	5.505 ug/ml
20) T n-Hexatriacontane (C36)	18.885	425681	3.482 ug/ml
21) T n-Octatriacontane (C38)	19.567	311118	2.636 ug/ml
22) T n-Tetracontane (C40)	20.214	255224	2.217 ug/mlm

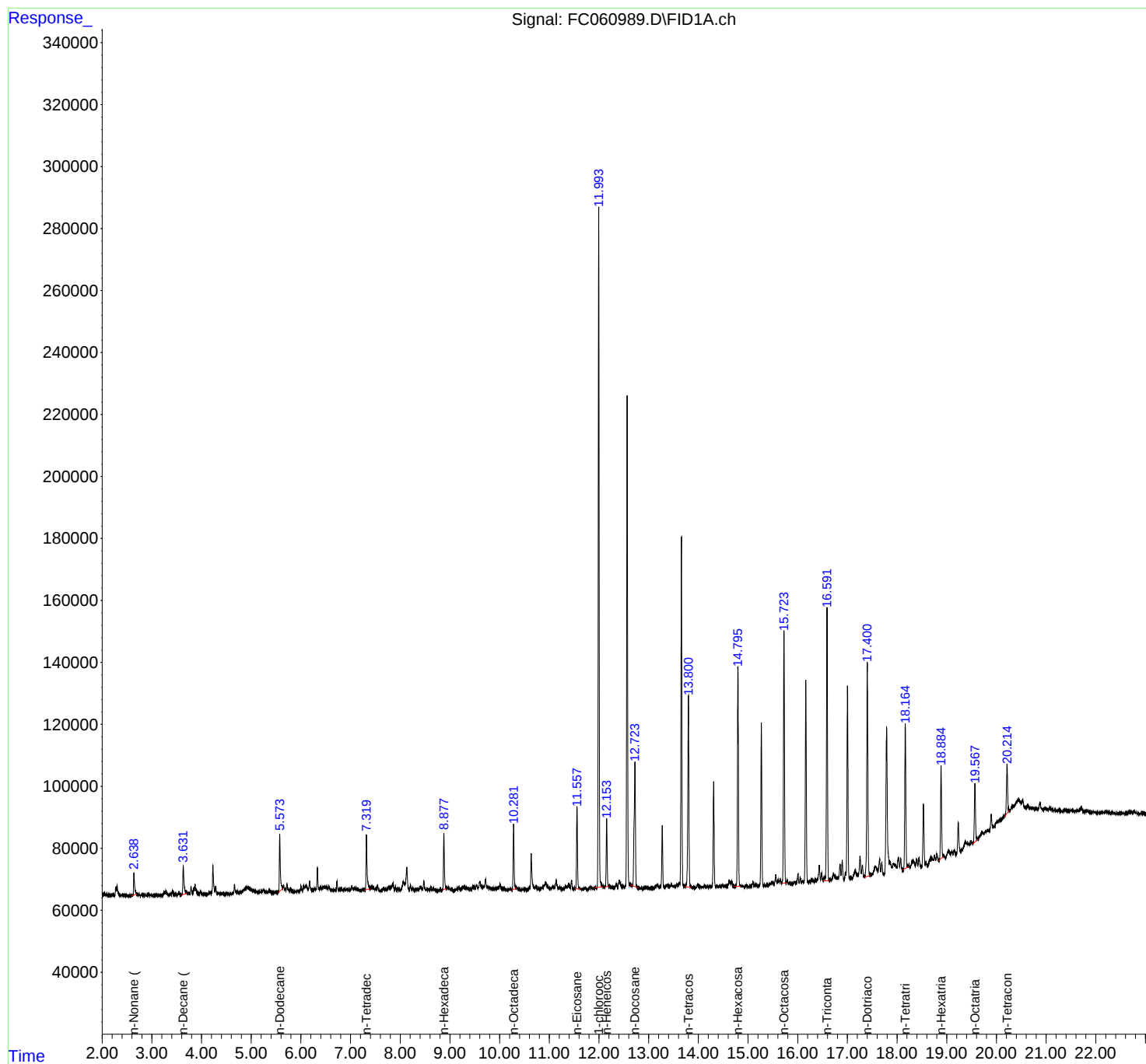
(f)=RT Delta > 1/2 Window

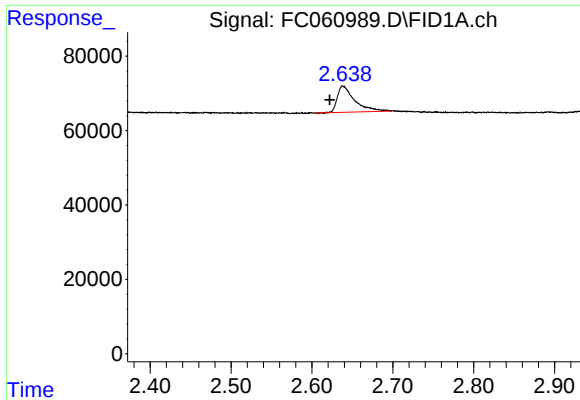
(m)=manual int.

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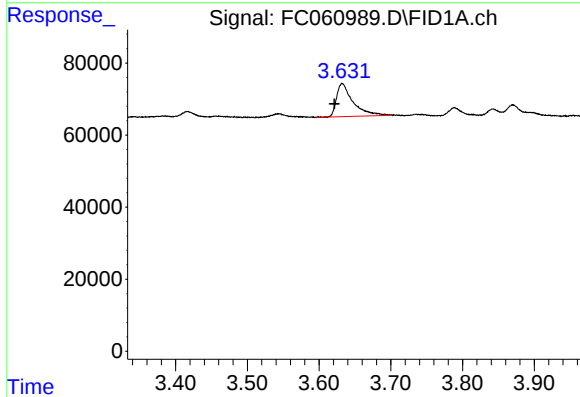
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Signal Info : 20M x 0.18mm x 0.18um





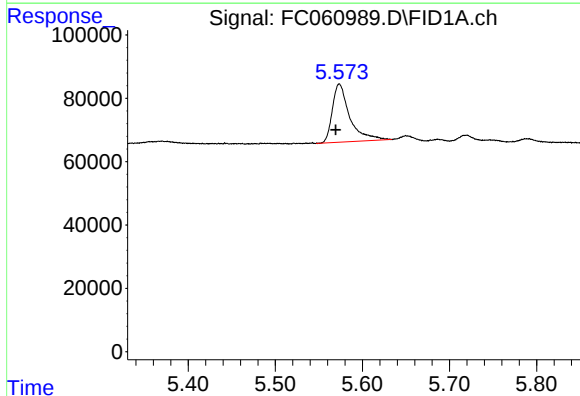
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: 0.017 min
Response: 105383
Conc: 0.75 ug/ml



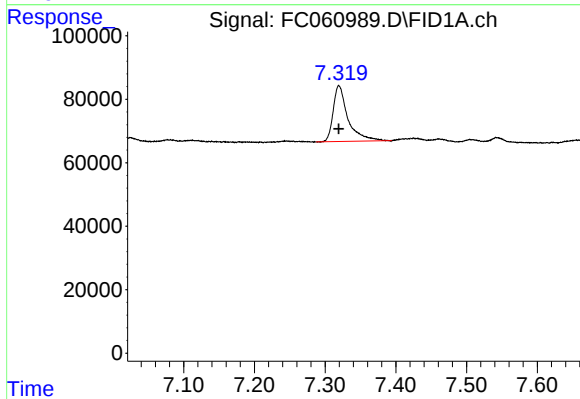
#2 n-Decane (C10)

R.T.: 3.631 min
Delta R.T.: 0.010 min
Response: 146759
Conc: 1.04 ug/ml m



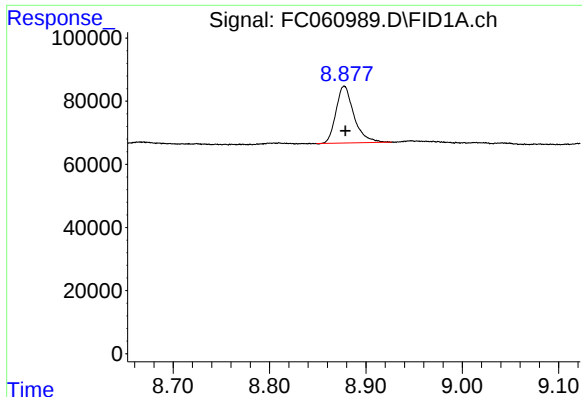
#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: 0.004 min
Response: 254422
Conc: 1.72 ug/ml



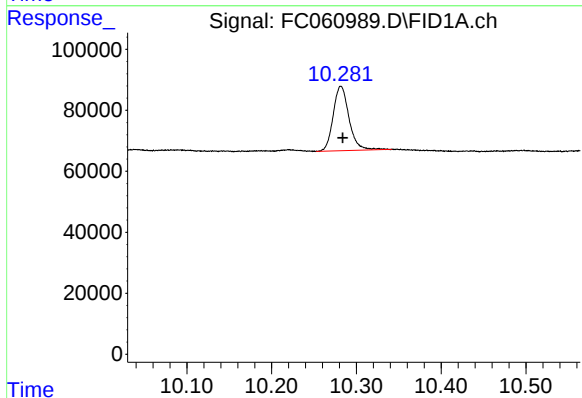
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 255709
Conc: 1.70 ug/ml m



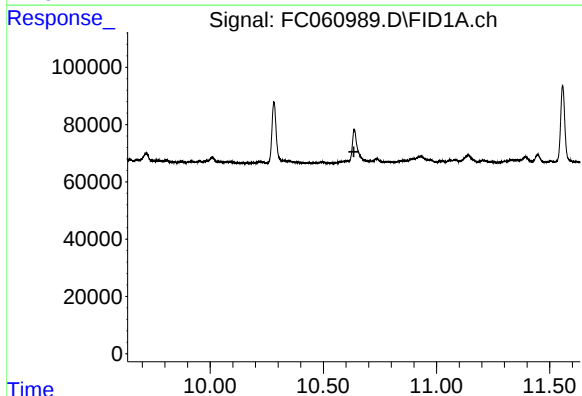
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 232698
Conc: 1.52 ug/ml



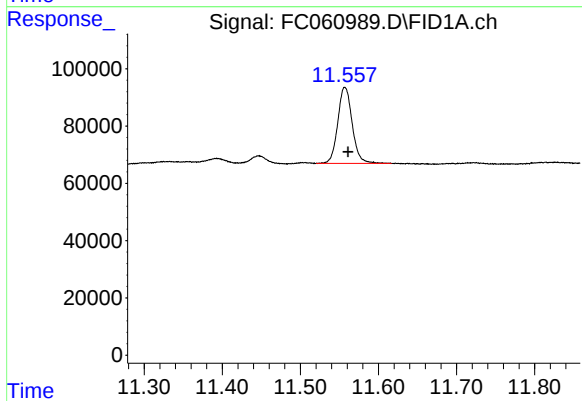
#8 n-Octadecane (C18)

R.T.: 10.281 min
Delta R.T.: -0.002 min
Response: 273889
Conc: 1.75 ug/ml m



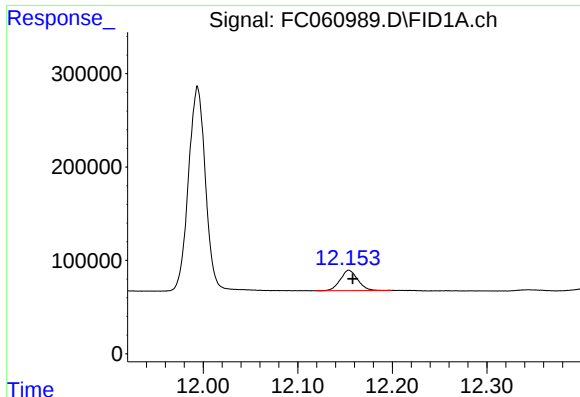
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



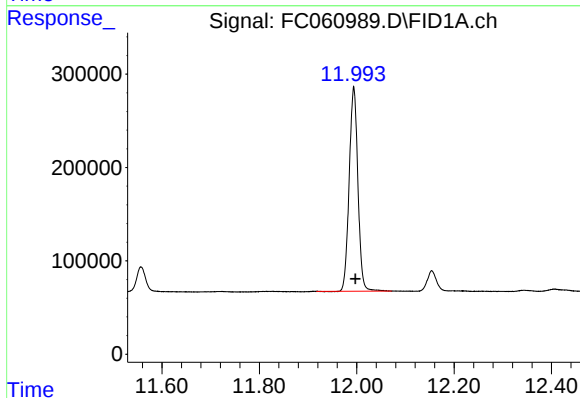
#10 n-Eicosane (C20)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 342296
Conc: 2.18 ug/ml



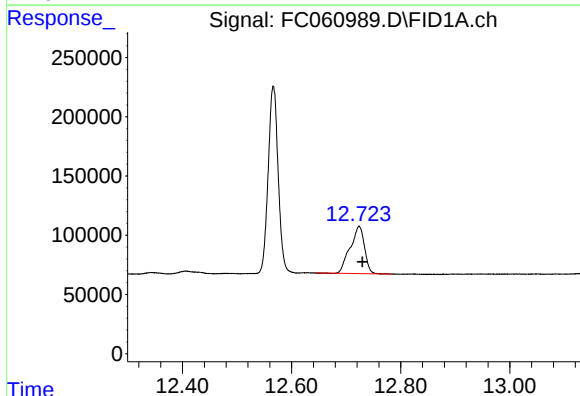
#11 n-Heneicosane (C21)

R.T.: 12.153 min
Delta R.T.: -0.005 min
Response: 279689
Conc: 1.79 ug/ml m



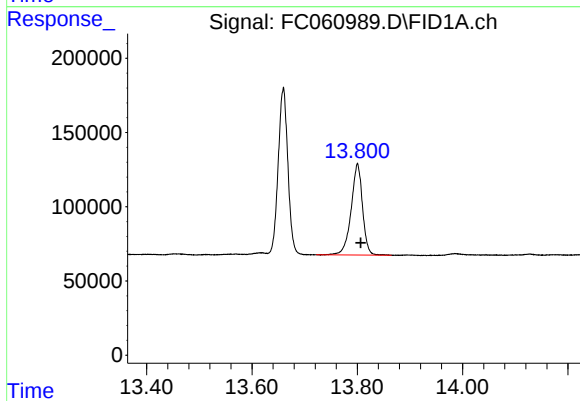
#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min
Delta R.T.: -0.004 min
Response: 2727216
Conc: 20.54 ug/ml



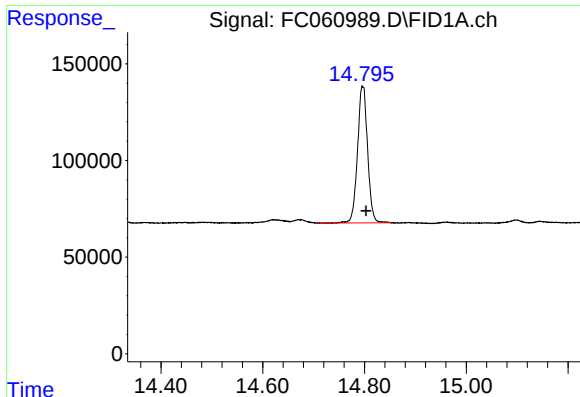
#13 n-Docosane (C22)

R.T.: 12.724 min
Delta R.T.: -0.006 min
Response: 729167
Conc: 4.68 ug/ml



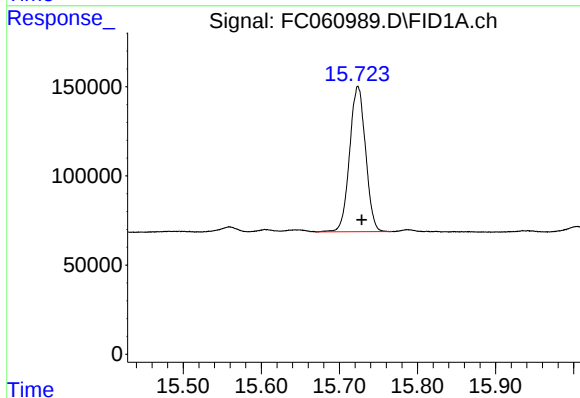
#14 n-Tetracosane (C24)

R.T.: 13.800 min
Delta R.T.: -0.006 min
Response: 921885
Conc: 6.04 ug/ml



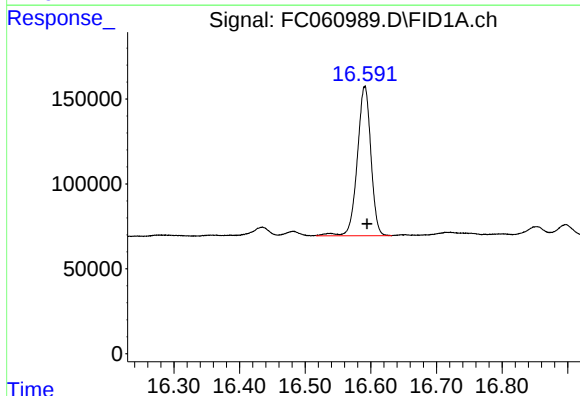
#15 n-Hexacosane (C26)

R.T.: 14.797 min
Delta R.T.: -0.006 min
Response: 971720
Conc: 6.51 ug/ml



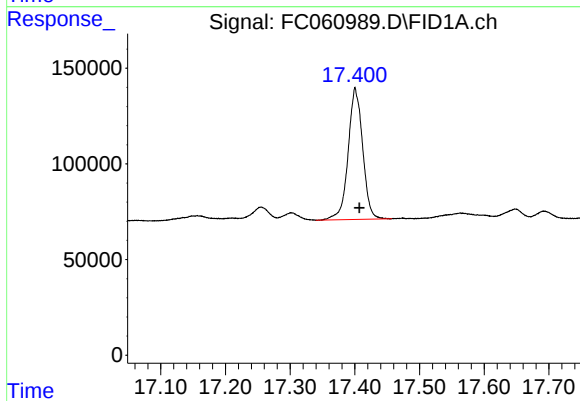
#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.005 min
Response: 1154729
Conc: 8.06 ug/ml



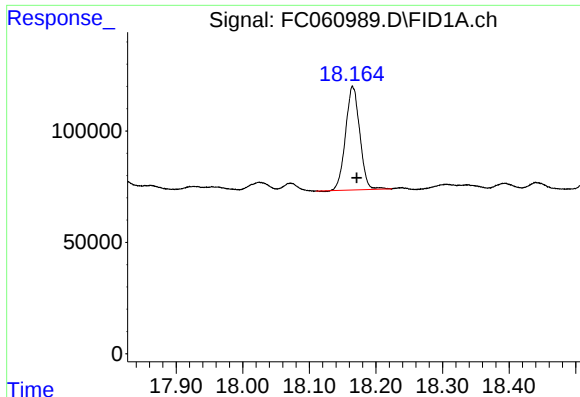
#17 n-Tricontane (C30)

R.T.: 16.591 min
Delta R.T.: -0.004 min
Response: 1264733
Conc: 9.03 ug/ml



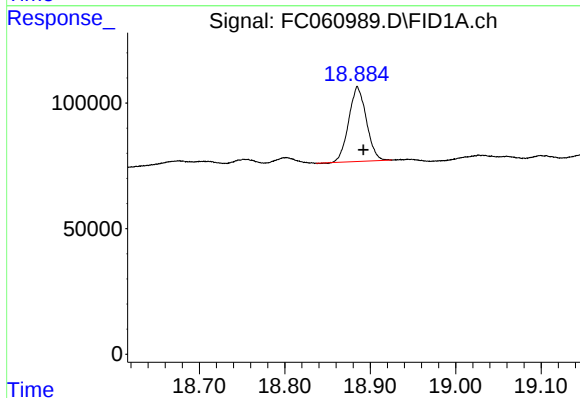
#18 n-Dotriacontane (C32)

R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 1070384
Conc: 7.93 ug/ml



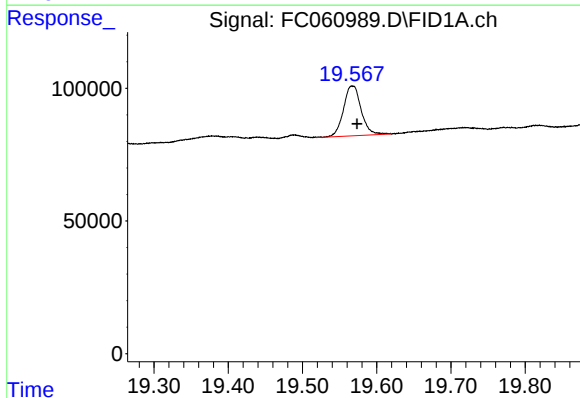
#19 n-Tetratriacontane (C34)

R.T.: 18.165 min
Delta R.T.: -0.006 min
Response: 690390
Conc: 5.50 ug/ml



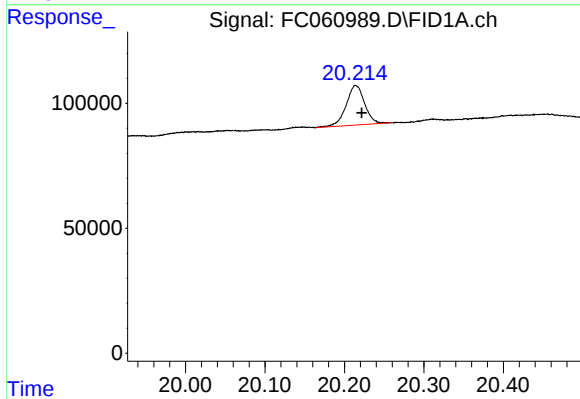
#20 n-Hexatriacontane (C36)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 425681
Conc: 3.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.567 min
Delta R.T.: -0.006 min
Response: 311118
Conc: 2.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.214 min
Delta R.T.: -0.008 min
Response: 255224
Conc: 2.22 ug/ml m