

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080422AL\
 Data File : FC060988.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2022 10:32
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 06:36:54 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			
9) S ortho-Terphenyl (SURR)	10.634	517207	3.152 ug/ml
Spiked Amount 50.000		Recovery =	6.30%
12) S 1-chlorooctadecane (S...	11.996	3609655	27.190 ug/ml
Spiked Amount 50.000		Recovery =	54.38%
Target Compounds			
1) T n-Nonane (C9)	2.638	115626	0.821 ug/ml
2) T n-Decane (C10)	3.633	154125	1.093 ug/ml
4) T n-Dodecane (C12)	5.573	299016	2.017 ug/ml
6) T n-Tetradecane (C14)	7.320	243648	1.623 ug/ml
7) T n-Hexadecane (C16)	8.878	257611	1.683 ug/ml
8) T n-Octadecane (C18)	10.282	299935	1.921 ug/ml
10) T n-Eicosane (C20)	11.559	344660	2.196 ug/ml
11) T n-Heneicosane (C21)	12.156	311112	1.988 ug/ml
13) T n-Docosane (C22)	12.725	568268	3.645 ug/ml
14) T n-Tetracosane (C24)	13.802	660692	4.328 ug/ml
15) T n-Hexacosane (C26)	14.798	707130	4.737 ug/ml
16) T n-Octacosane (C28)	15.725	839184	5.856 ug/ml
17) T n-Tricontane (C30)	16.590	961512	6.868 ug/ml
18) T n-Dotriacontane (C32)	17.402	930764	6.897 ug/ml
19) T n-Tetratriacontane (C34)	18.166	697367	5.560 ug/ml
20) T n-Hexatriacontane (C36)	18.885	492346	4.028 ug/ml
21) T n-Octatriacontane (C38)	19.568	349854	2.964 ug/ml
22) T n-Tetracontane (C40)	20.214	347374	3.018 ug/ml

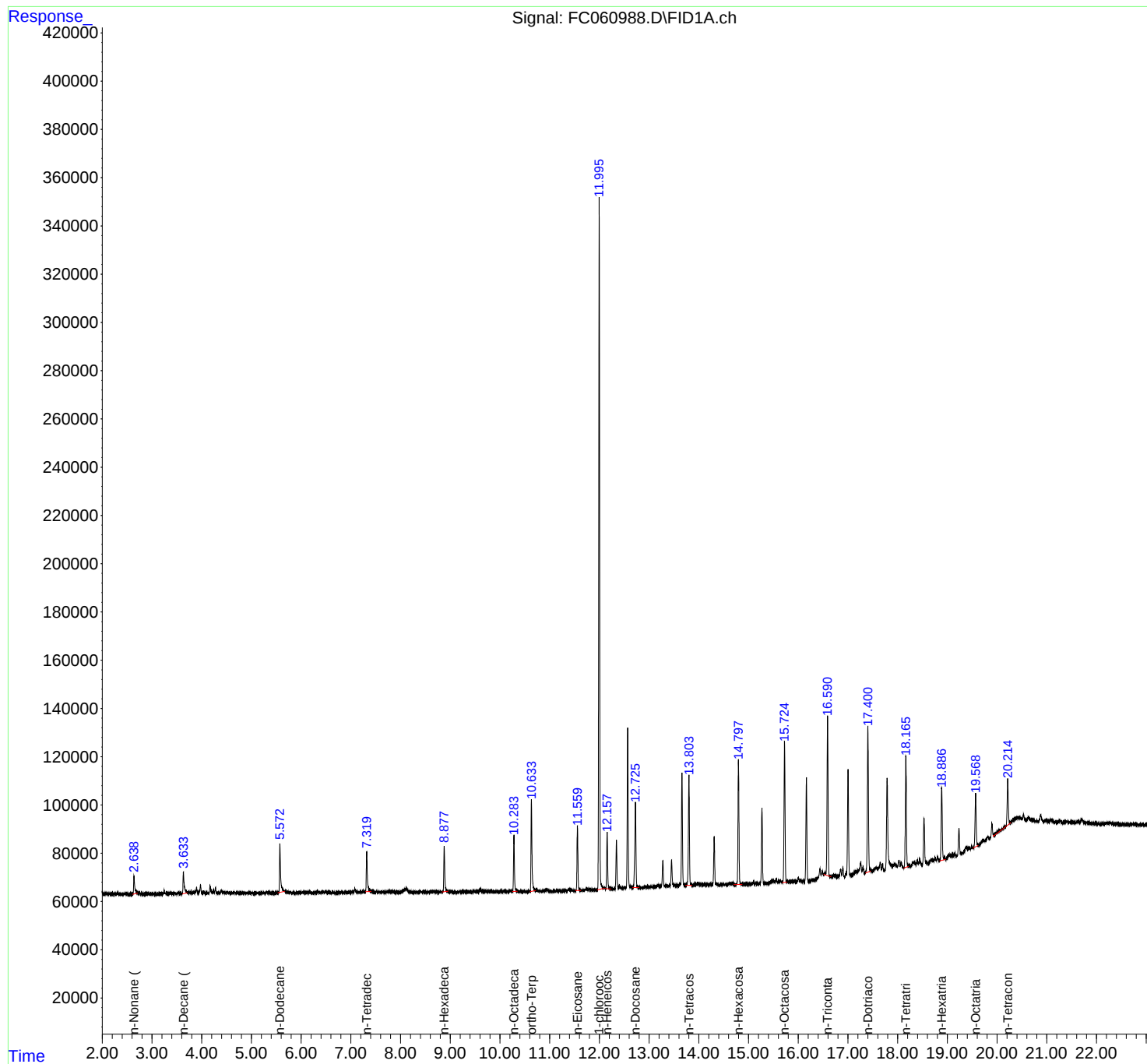
(f)=RT Delta > 1/2 Window

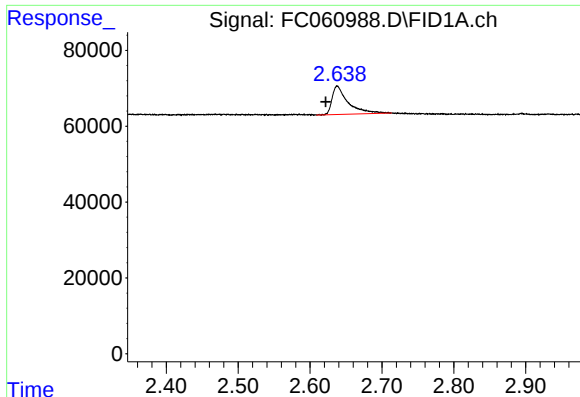
(m)=manual int.

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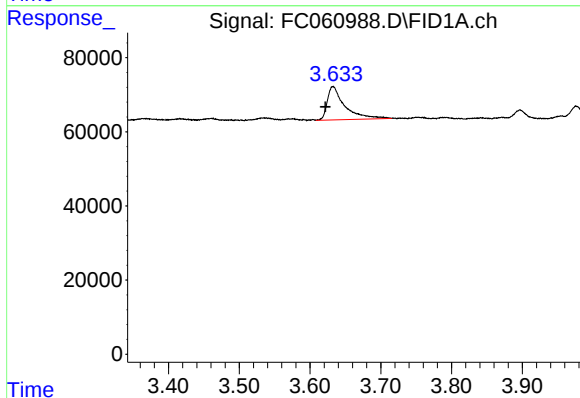
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Signal Info : 20M x 0.18mm x 0.18um





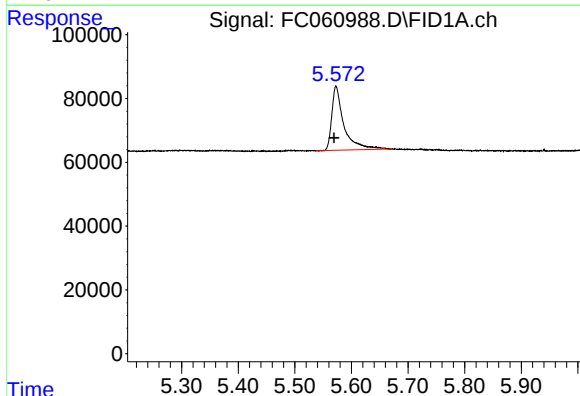
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: 0.016 min
Response: 115626
Conc: 0.82 ug/ml



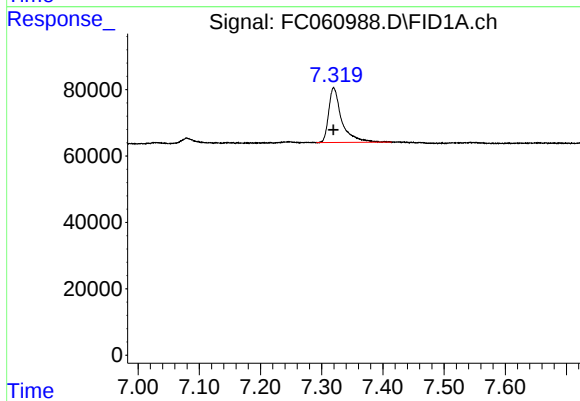
#2 n-Decane (C10)

R.T.: 3.633 min
Delta R.T.: 0.011 min
Response: 154125
Conc: 1.09 ug/ml



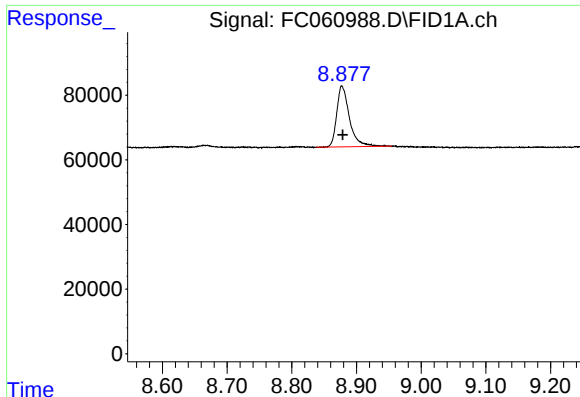
#4 n-Dodecane (C12)

R.T.: 5.573 min
Delta R.T.: 0.004 min
Response: 299016
Conc: 2.02 ug/ml



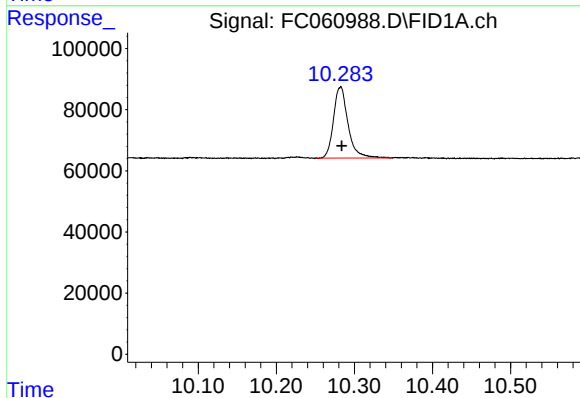
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 243648
Conc: 1.62 ug/ml



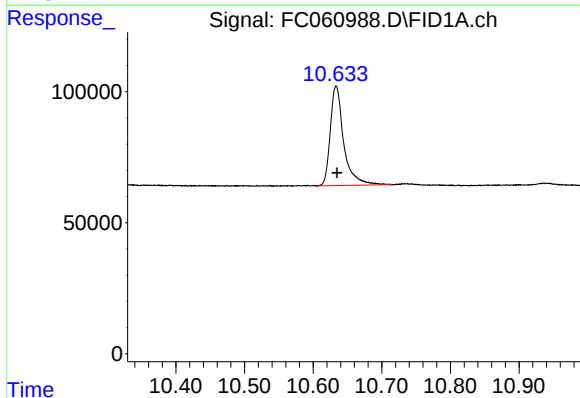
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 257611
Conc: 1.68 ug/ml



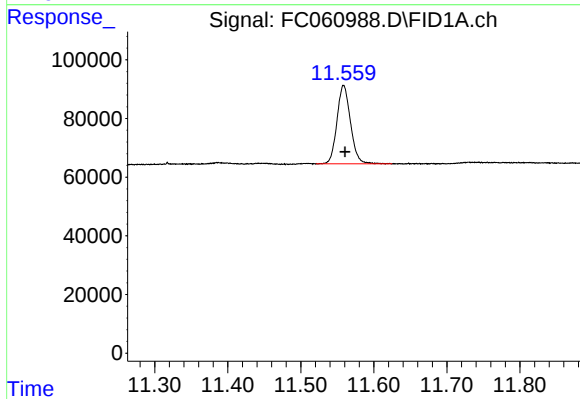
#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.002 min
Response: 299935
Conc: 1.92 ug/ml



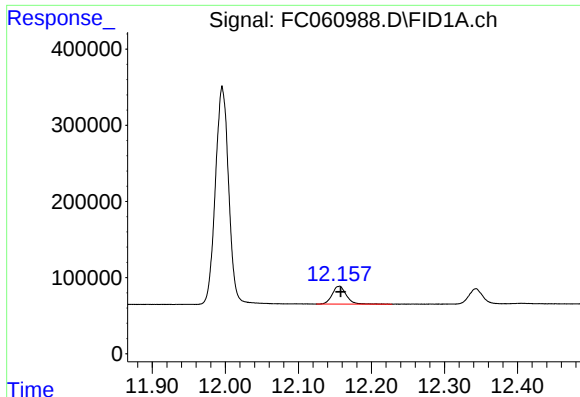
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.001 min
Response: 517207
Conc: 3.15 ug/ml



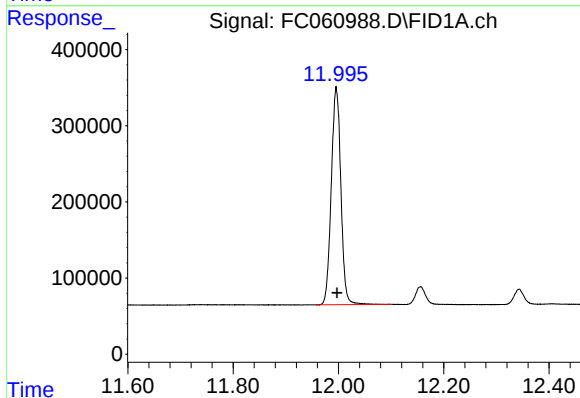
#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 344660
Conc: 2.20 ug/ml



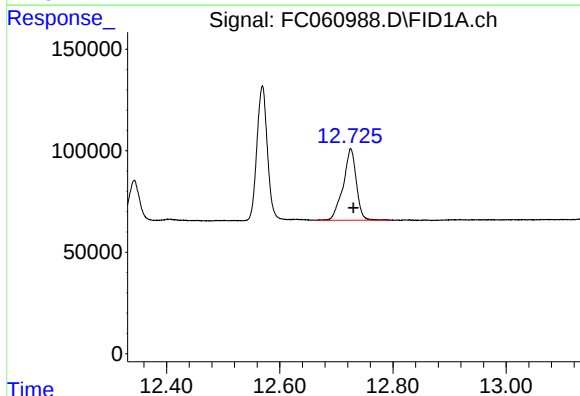
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 311112
Conc: 1.99 ug/ml



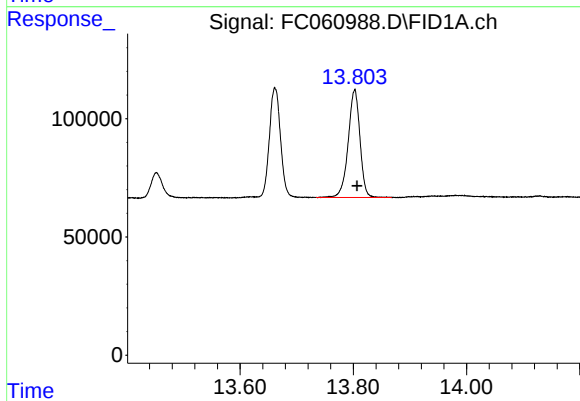
#12 1-chlorooctadecane (SURR)

R.T.: 11.996 min
Delta R.T.: -0.002 min
Response: 3609655
Conc: 27.19 ug/ml



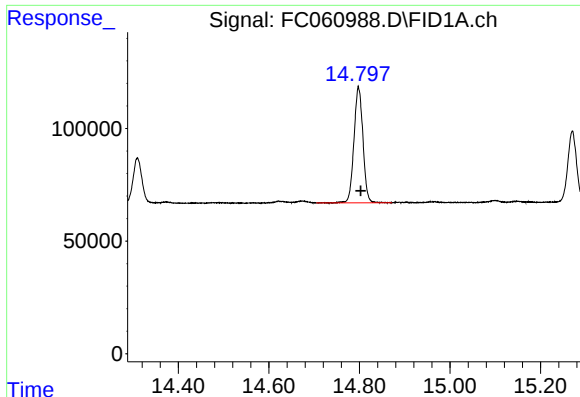
#13 n-Docosane (C22)

R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 568268
Conc: 3.64 ug/ml



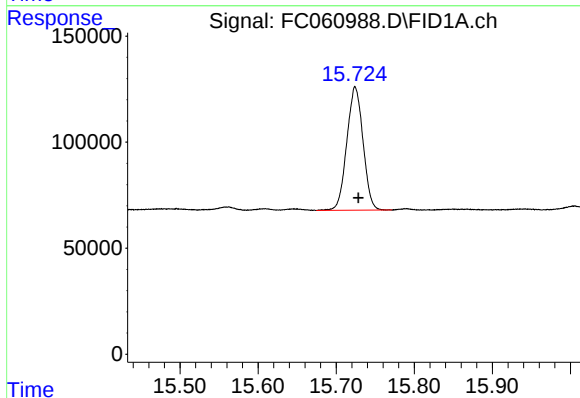
#14 n-Tetracosane (C24)

R.T.: 13.802 min
Delta R.T.: -0.004 min
Response: 660692
Conc: 4.33 ug/ml



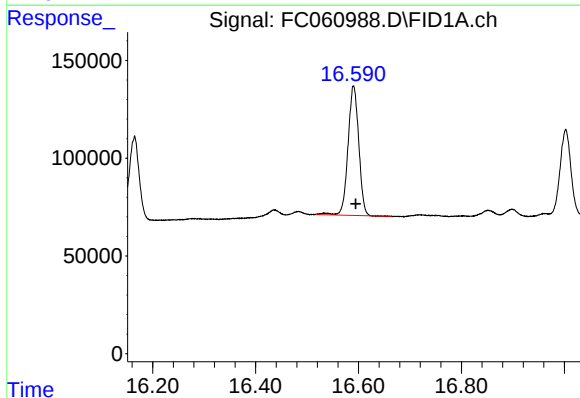
#15 n-Hexacosane (C26)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 707130
Conc: 4.74 ug/ml



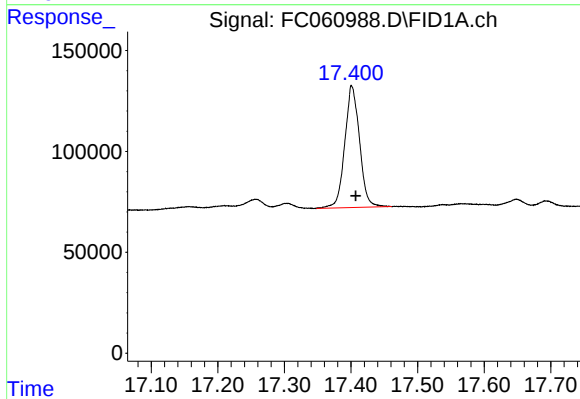
#16 n-Octacosane (C28)

R.T.: 15.725 min
Delta R.T.: -0.004 min
Response: 839184
Conc: 5.86 ug/ml



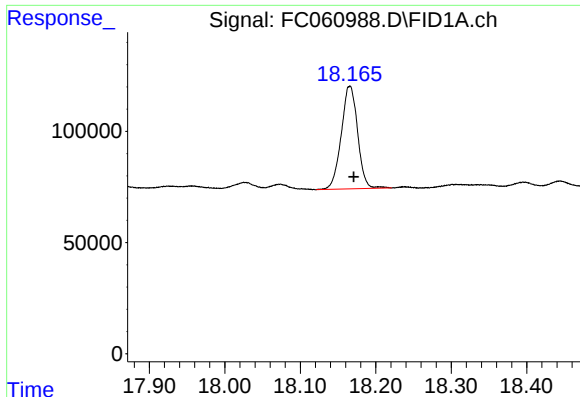
#17 n-Tricontane (C30)

R.T.: 16.590 min
Delta R.T.: -0.004 min
Response: 961512
Conc: 6.87 ug/ml



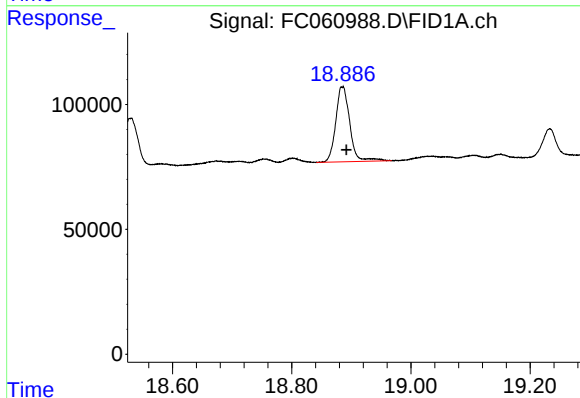
#18 n-Dotriacontane (C32)

R.T.: 17.402 min
Delta R.T.: -0.005 min
Response: 930764
Conc: 6.90 ug/ml



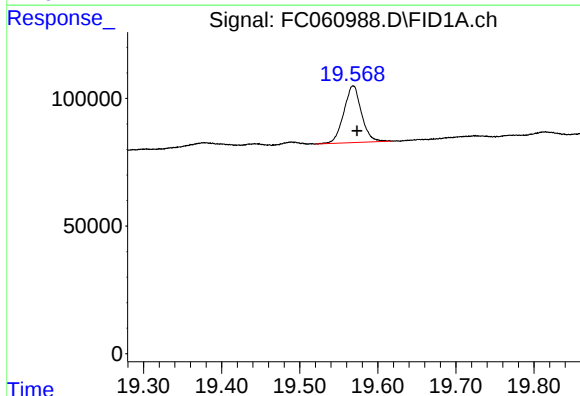
#19 n-Tetratriacontane (C34)

R.T.: 18.166 min
Delta R.T.: -0.005 min
Response: 697367
Conc: 5.56 ug/ml



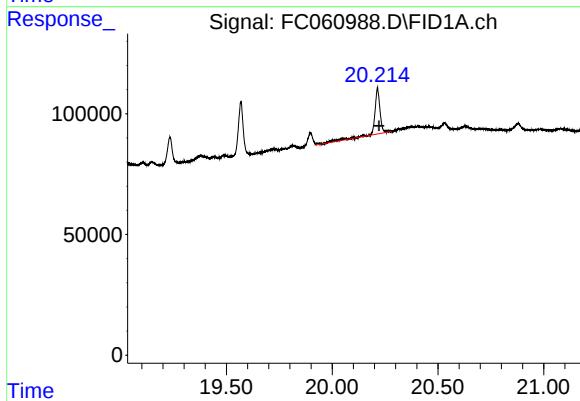
#20 n-Hexatriacontane (C36)

R.T.: 18.885 min
Delta R.T.: -0.007 min
Response: 492346
Conc: 4.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.568 min
Delta R.T.: -0.005 min
Response: 349854
Conc: 2.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.214 min
Delta R.T.: -0.008 min
Response: 347374
Conc: 3.02 ug/ml