

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062922AL\
 Data File : FC060505.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jun 2022 12:25
 Operator : YP/AJ
 Sample : N1645-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 03:06:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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...	12.004	4107869	27.870 ug/ml
Spiked Amount 50.000		Recovery =	55.74%
Target Compounds			
1) T n-Nonane (C9)	2.652	121607	0.793 ug/ml
2) T n-Decane (C10)	3.646	149135	0.977 ug/ml
4) T n-Dodecane (C12)	5.585	311079	1.925 ug/ml
6) T n-Tetradecane (C14)	7.332	262178	1.587 ug/ml
7) T n-Hexadecane (C16)	8.890	279297	1.653 ug/ml
8) T n-Octadecane (C18)	10.292	324252	1.885 ug/ml
10) T n-Eicosane (C20)	11.568	362721	2.125 ug/ml
11) T n-Heneicosane (C21)	12.166	336758	1.975 ug/ml
13) T n-Docosane (C22)	12.737	504337	2.959 ug/ml
14) T n-Tetracosane (C24)	13.812	566553	3.374 ug/ml
15) T n-Hexacosane (C26)	14.808	602365	3.666 ug/ml
16) T n-Octacosane (C28)	15.735	660334	4.161 ug/ml
17) T n-Tricontane (C30)	16.600	708441	4.654 ug/ml
18) T n-Dotriacontane (C32)	17.412	664751	4.573 ug/ml
19) T n-Tetratriacontane (C34)	18.175	493382	3.885 ug/ml
20) T n-Hexatriacontane (C36)	18.896	355290	3.166 ug/mlm
21) T n-Octatriacontane (C38)	19.578	291336	2.661 ug/mlm
22) T n-Tetracontane (C40)	20.226	279042	2.471 ug/mlm

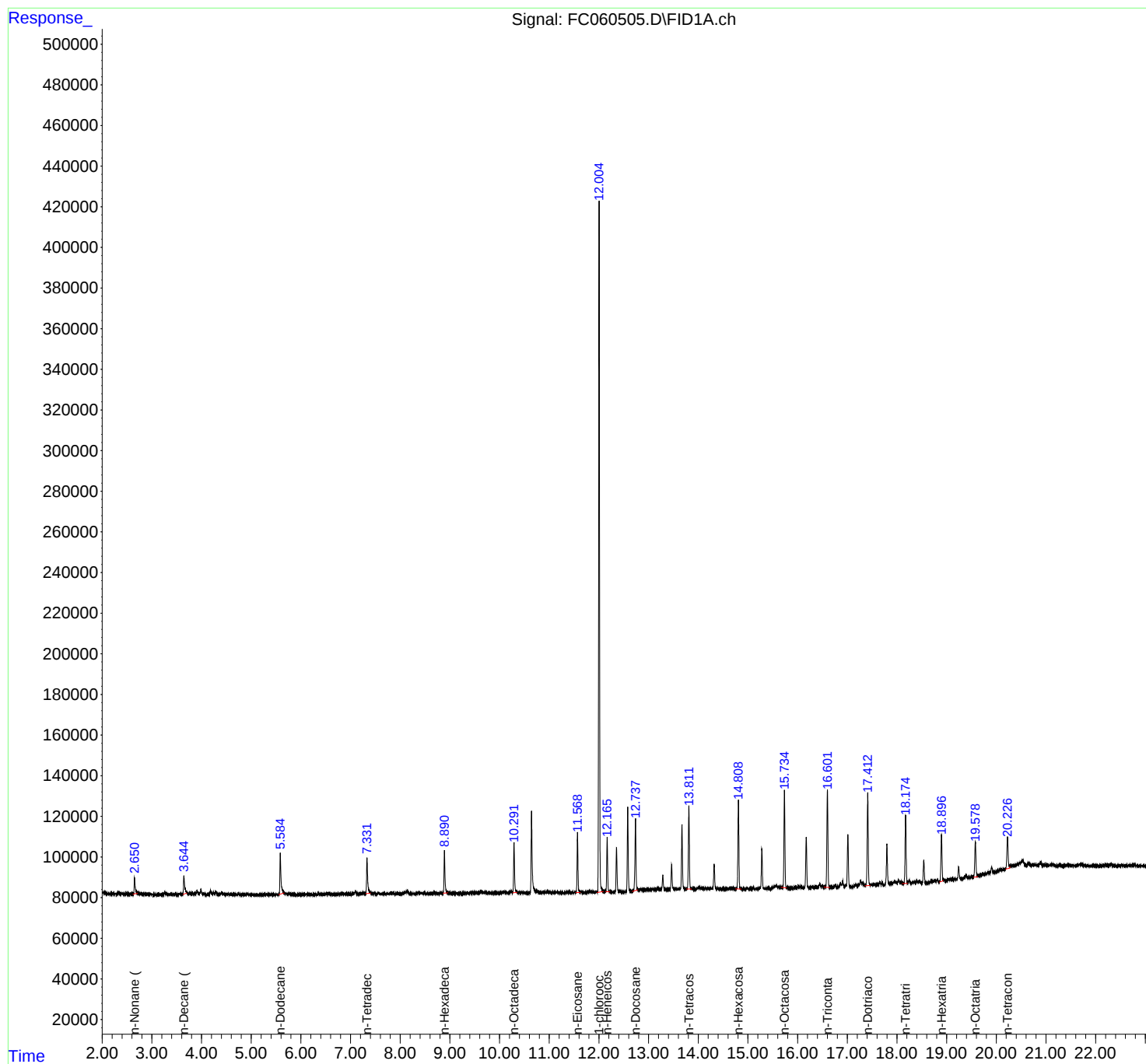
(f)=RT Delta > 1/2 Window

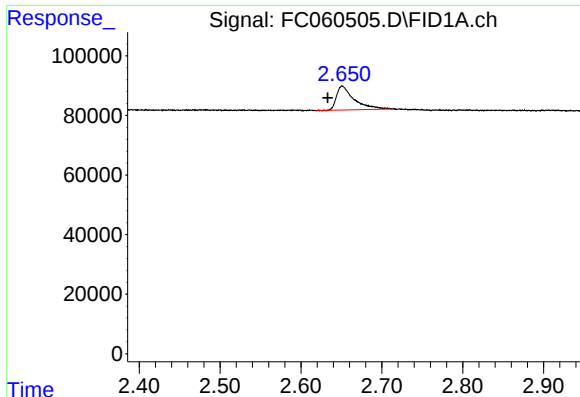
(m)=manual int.

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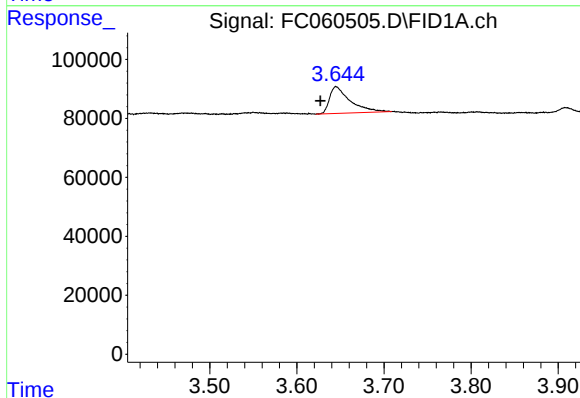
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Signal Info : 20M x 0.18mm x 0.18um





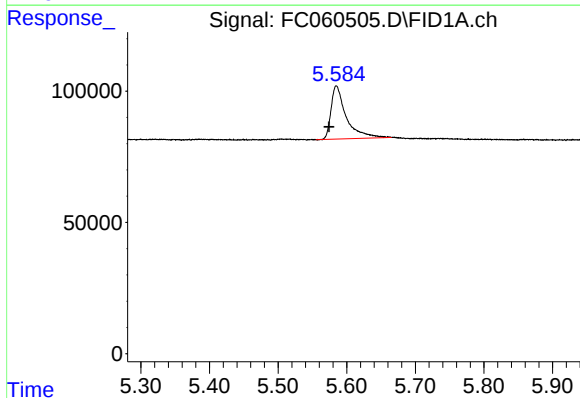
#1 n-Nonane (C9)

R.T.: 2.652 min
Delta R.T.: 0.019 min
Response: 121607
Conc: 0.79 ug/ml



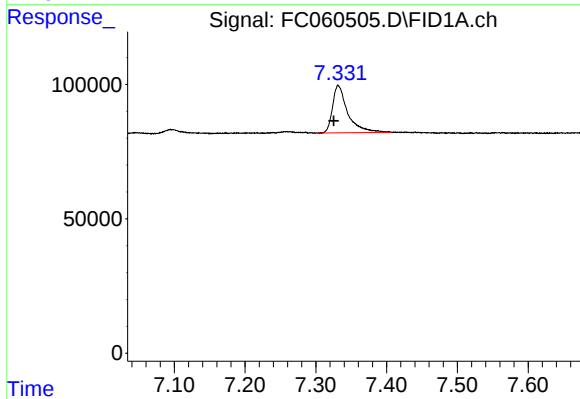
#2 n-Decane (C10)

R.T.: 3.646 min
Delta R.T.: 0.018 min
Response: 149135
Conc: 0.98 ug/ml



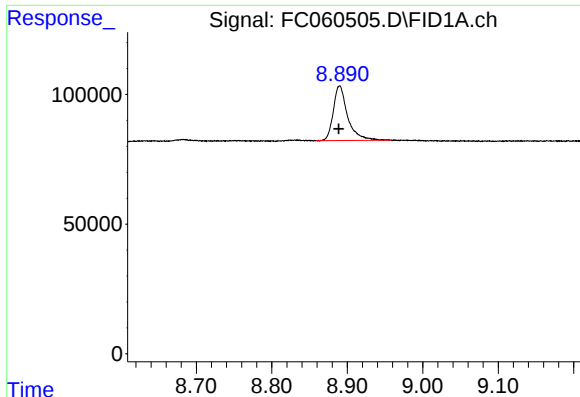
#4 n-Dodecane (C12)

R.T.: 5.585 min
Delta R.T.: 0.011 min
Response: 311079
Conc: 1.92 ug/ml



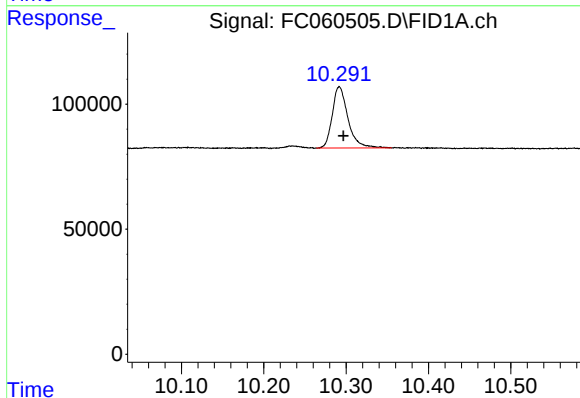
#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: 0.007 min
Response: 262178
Conc: 1.59 ug/ml



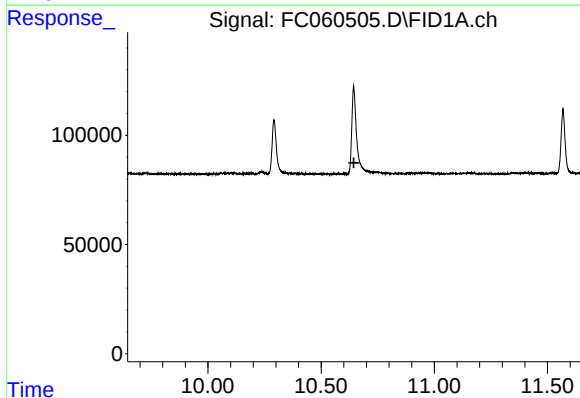
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: 0.001 min
Response: 279297
Conc: 1.65 ug/ml



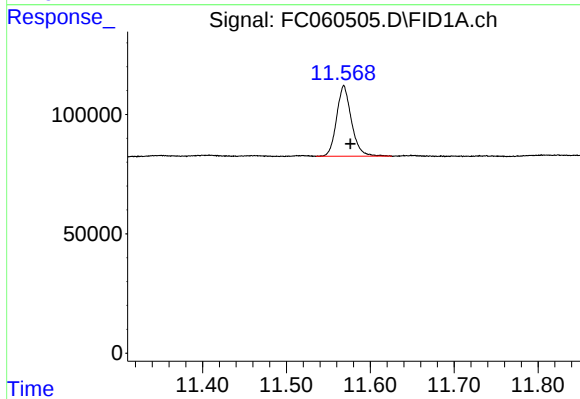
#8 n-Octadecane (C18)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 324252
Conc: 1.88 ug/ml



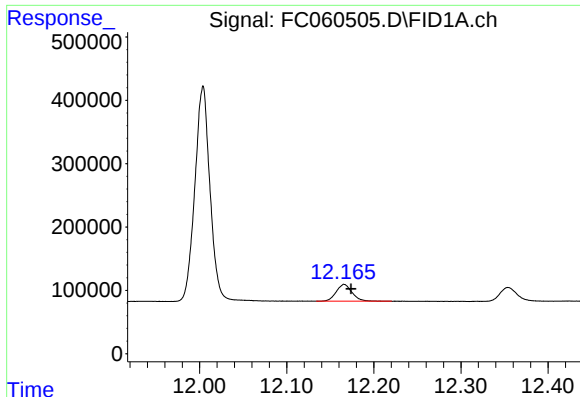
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



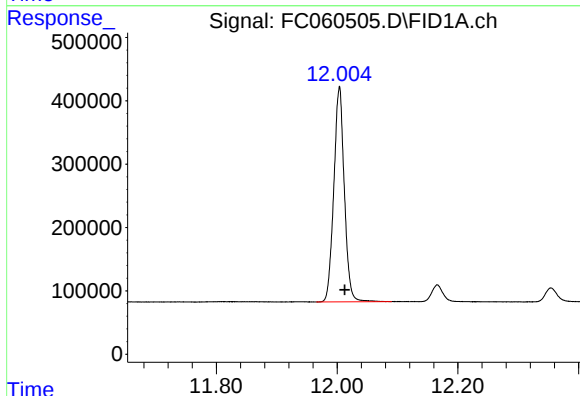
#10 n-Eicosane (C20)

R.T.: 11.568 min
Delta R.T.: -0.008 min
Response: 362721
Conc: 2.13 ug/ml



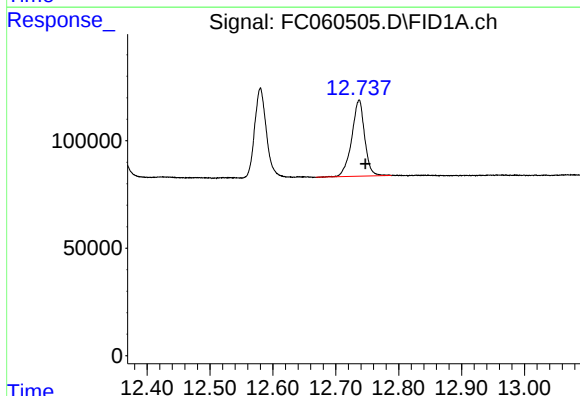
#11 n-Heneicosane (C21)

R.T.: 12.166 min
Delta R.T.: -0.008 min
Response: 336758
Conc: 1.98 ug/ml



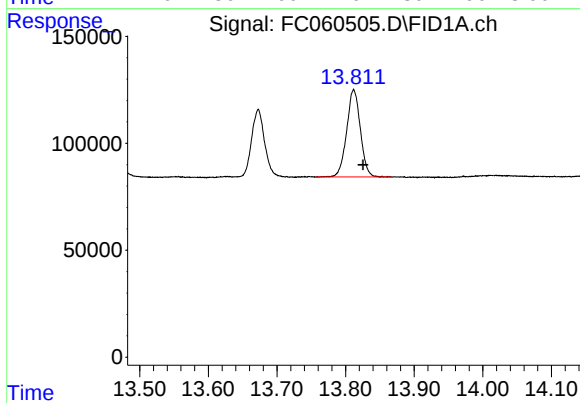
#12 1-chlorooctadecane (SURR)

R.T.: 12.004 min
Delta R.T.: -0.009 min
Response: 4107869
Conc: 27.87 ug/ml



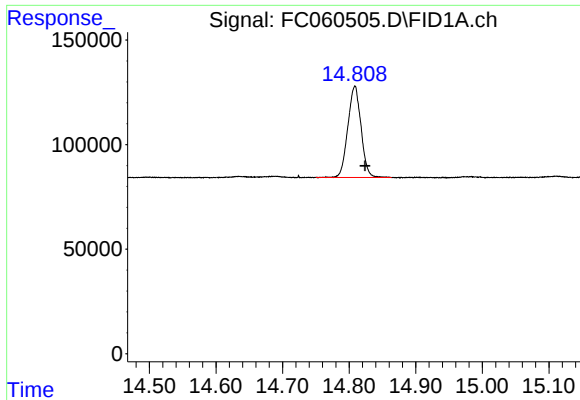
#13 n-Docosane (C22)

R.T.: 12.737 min
Delta R.T.: -0.010 min
Response: 504337
Conc: 2.96 ug/ml



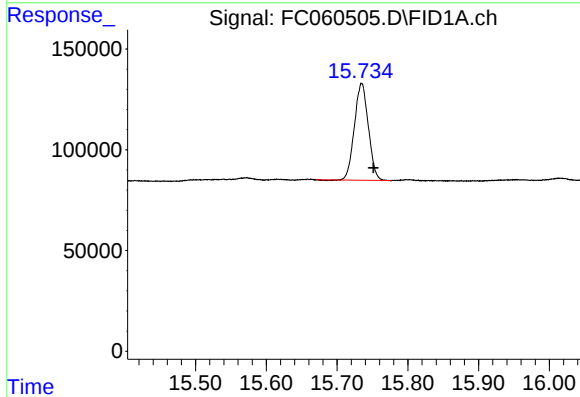
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: -0.013 min
Response: 566553
Conc: 3.37 ug/ml



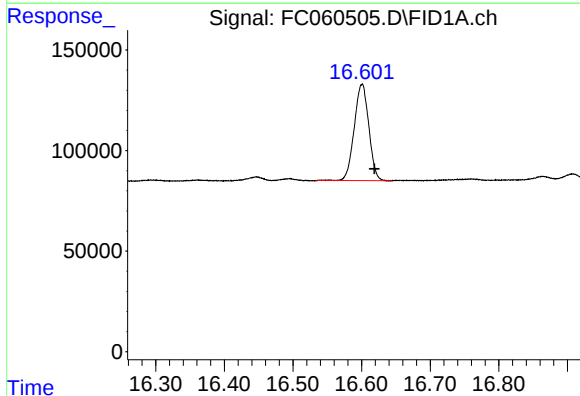
#15 n-Hexacosane (C26)

R.T.: 14.808 min
Delta R.T.: -0.015 min
Response: 602365
Conc: 3.67 ug/ml



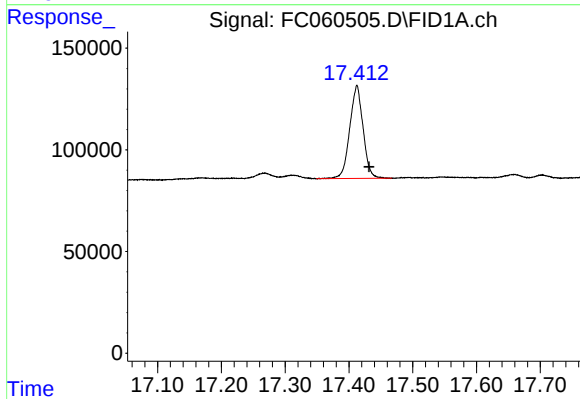
#16 n-Octacosane (C28)

R.T.: 15.735 min
Delta R.T.: -0.017 min
Response: 660334
Conc: 4.16 ug/ml



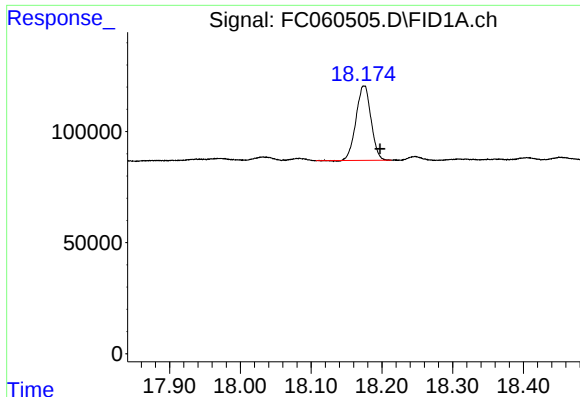
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: -0.018 min
Response: 708441
Conc: 4.65 ug/ml



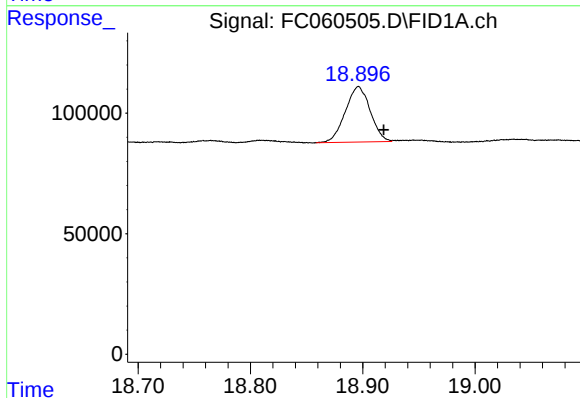
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: -0.019 min
Response: 664751
Conc: 4.57 ug/ml



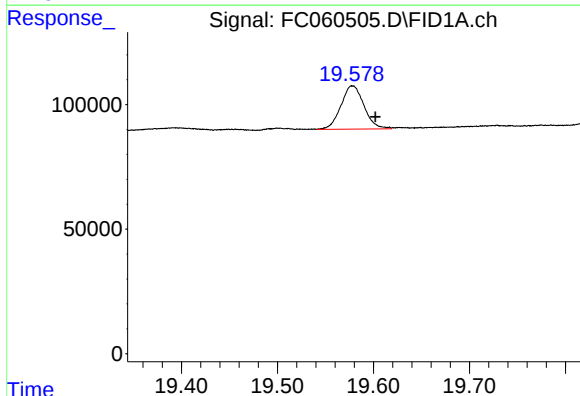
#19 n-Tetratriacontane (C34)

R.T.: 18.175 min
Delta R.T.: -0.022 min
Response: 493382
Conc: 3.88 ug/ml



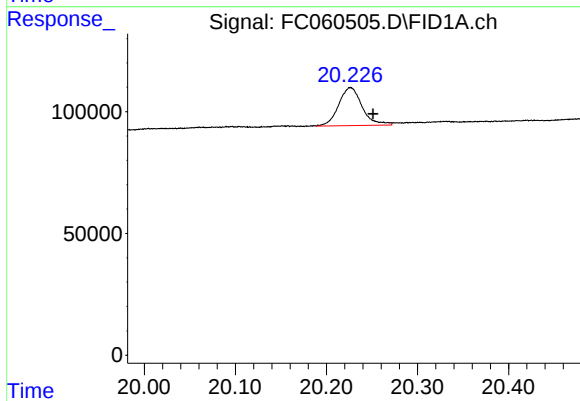
#20 n-Hexatriacontane (C36)

R.T.: 18.896 min
Delta R.T.: -0.023 min
Response: 355290
Conc: 3.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: -0.024 min
Response: 291336
Conc: 2.66 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.226 min
Delta R.T.: -0.025 min
Response: 279042
Conc: 2.47 ug/ml m