

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070822AL\
 Data File : FC060634.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2022 11:27
 Operator : YP/AJ
 Sample : N3214-03
 Misc : 2.5 PPM SOIL MDL LOD
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:54:07 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...	12.001	3696752	25.081 ug/ml
Spiked Amount 50.000		Recovery =	50.16%
Target Compounds			
1) T n-Nonane (C9)	2.627	154552	1.008 ug/ml
2) T n-Decane (C10)	3.623	193456	1.267 ug/ml
4) T n-Dodecane (C12)	5.569	417944	2.586 ug/ml
6) T n-Tetradecane (C14)	7.319	302916	1.834 ug/ml
7) T n-Hexadecane (C16)	8.880	281782	1.667 ug/ml
8) T n-Octadecane (C18)	10.285	308942	1.796 ug/ml
10) T n-Eicosane (C20)	11.564	312431	1.831 ug/ml
11) T n-Heneicosane (C21)	12.162	311158	1.825 ug/ml
13) T n-Docosane (C22)	12.733	306356	1.797 ug/ml
14) T n-Tetracosane (C24)	13.810	303528	1.808 ug/ml
15) T n-Hexacosane (C26)	14.807	298313	1.815 ug/ml
16) T n-Octacosane (C28)	15.734	305991	1.928 ug/ml
17) T n-Tricontane (C30)	16.600	352032	2.313 ug/ml
18) T n-Dotriacontane (C32)	17.413	375486	2.583 ug/ml
19) T n-Tetratriacontane (C34)	18.178	330316	2.601 ug/ml
20) T n-Hexatriacontane (C36)	18.898	282310	2.515 ug/ml
21) T n-Octatriacontane (C38)	19.581	310851	2.840 ug/ml
22) T n-Tetracontane (C40)	20.229	261760	2.318 ug/ml

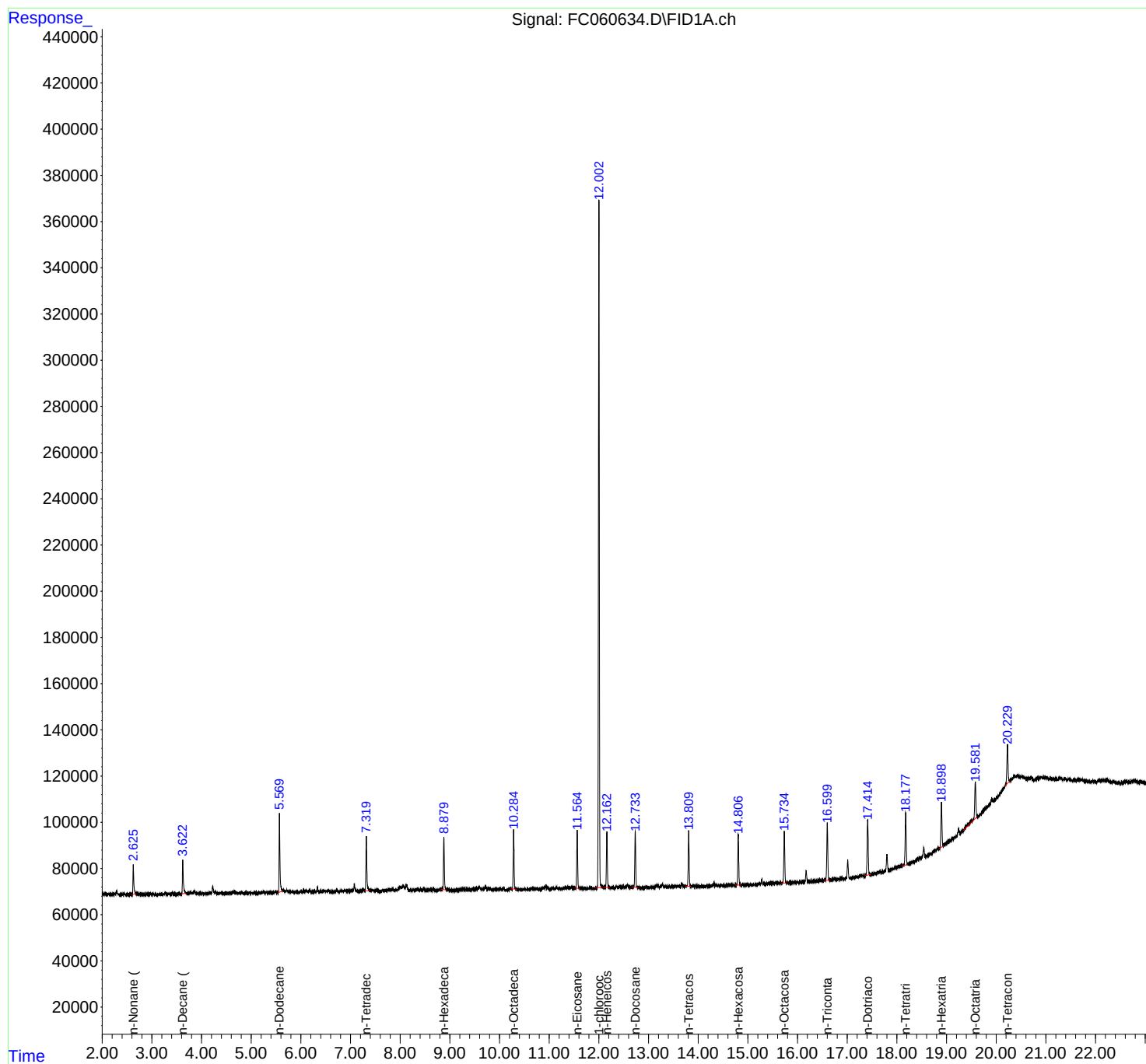
(f)=RT Delta > 1/2 Window

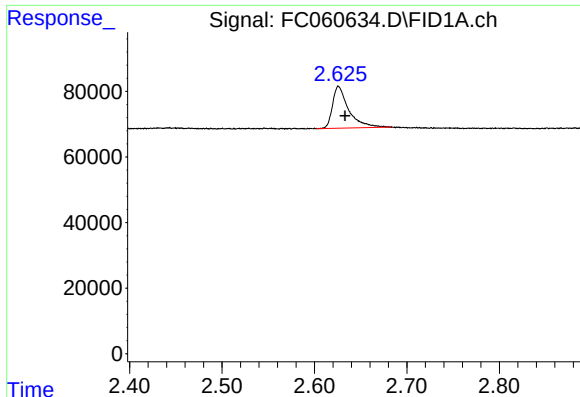
(m)=manual int.

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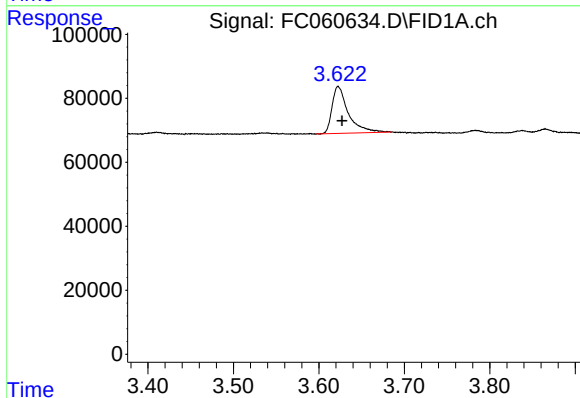
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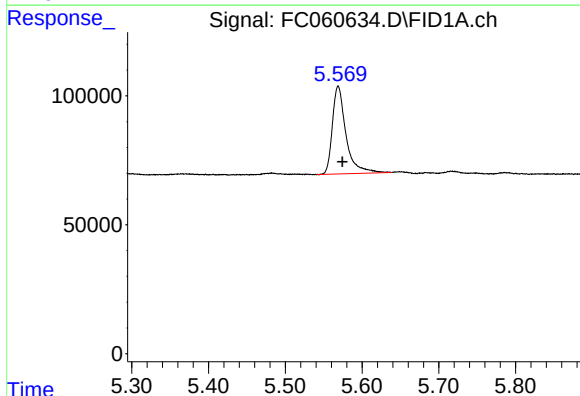
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.006 min
Response: 154552
Conc: 1.01 ug/ml



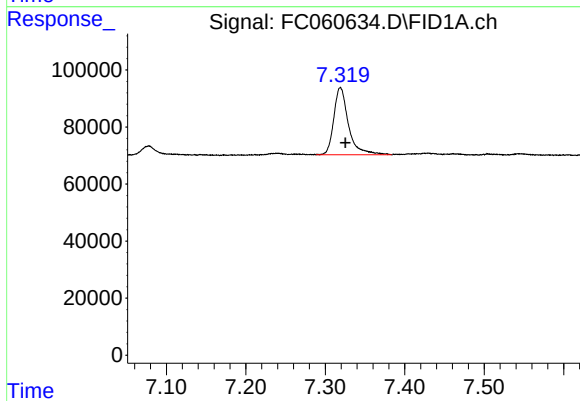
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 193456
Conc: 1.27 ug/ml



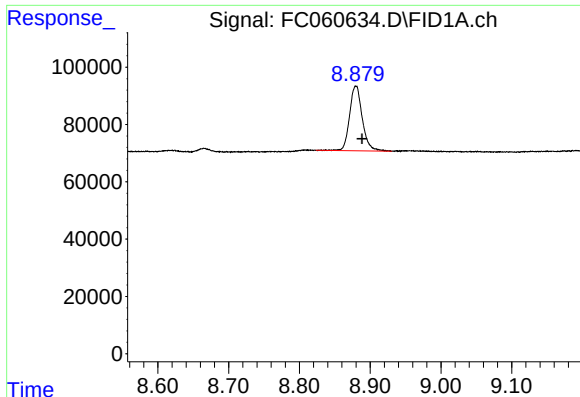
#4 n-Dodecane (C12)

R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 417944
Conc: 2.59 ug/ml



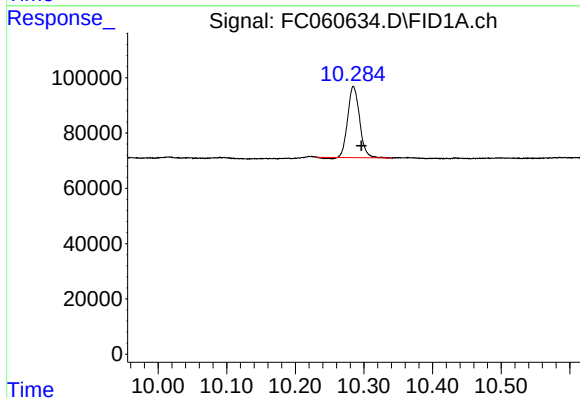
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: -0.006 min
Response: 302916
Conc: 1.83 ug/ml



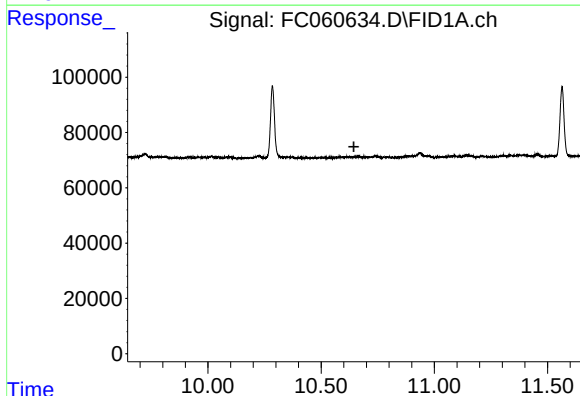
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 281782
Conc: 1.67 ug/ml



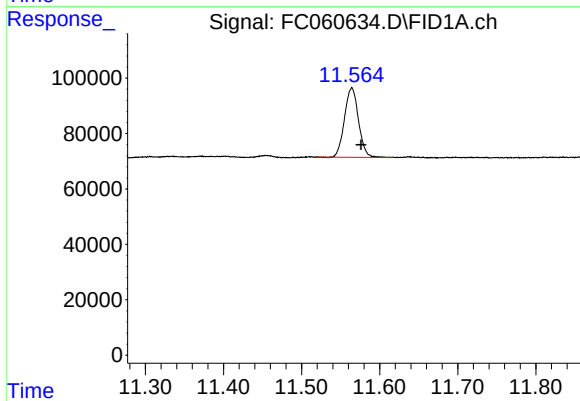
#8 n-Octadecane (C18)

R.T.: 10.285 min
Delta R.T.: -0.012 min
Response: 308942
Conc: 1.80 ug/ml



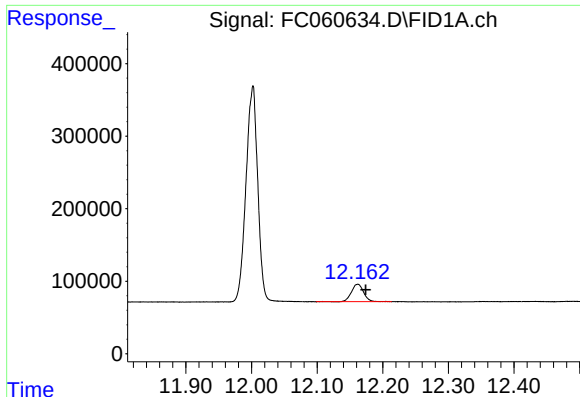
#9 ortho-Terphenyl (SURR)

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



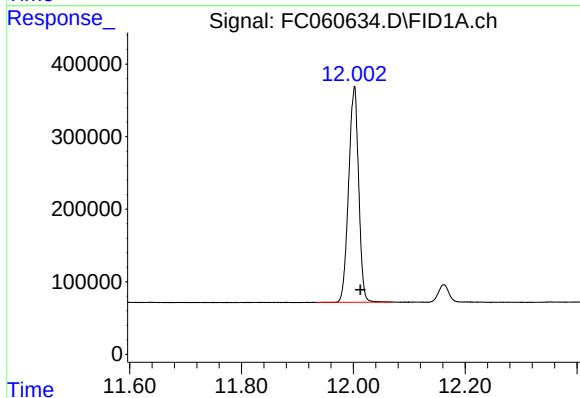
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: -0.012 min
Response: 312431
Conc: 1.83 ug/ml



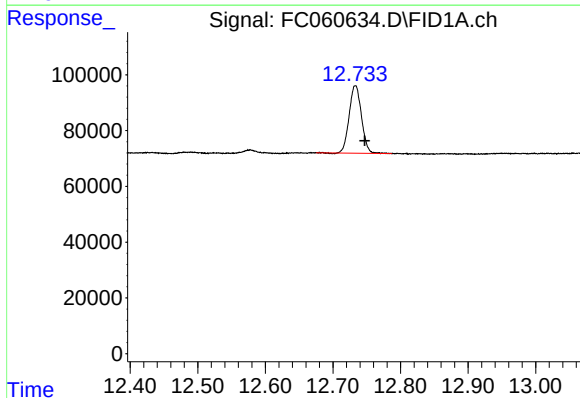
#11 n-Heneicosane (C21)

R.T.: 12.162 min
Delta R.T.: -0.012 min
Response: 311158
Conc: 1.82 ug/ml



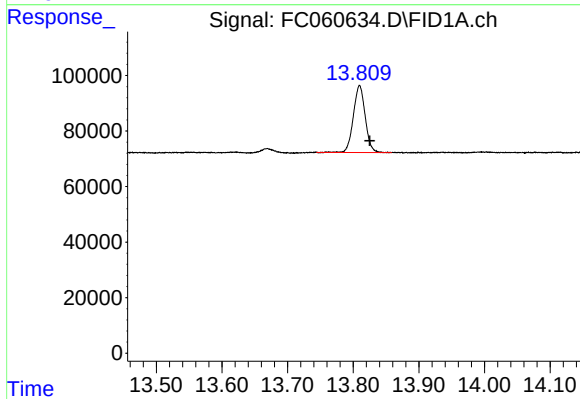
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.011 min
Response: 3696752
Conc: 25.08 ug/ml



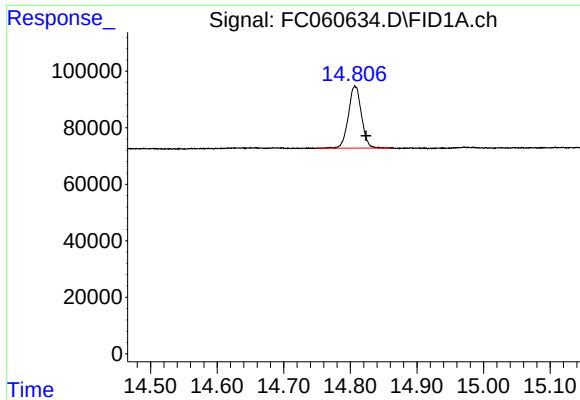
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: -0.014 min
Response: 306356
Conc: 1.80 ug/ml



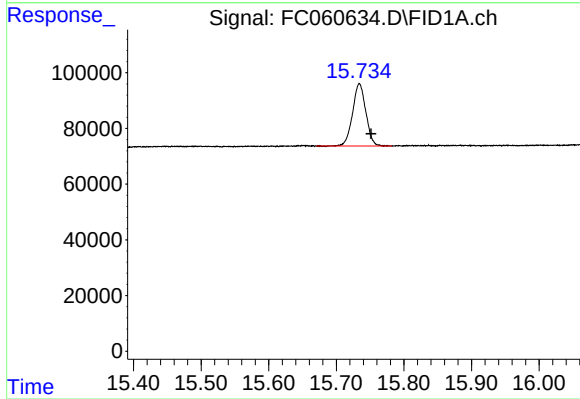
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.016 min
Response: 303528
Conc: 1.81 ug/ml



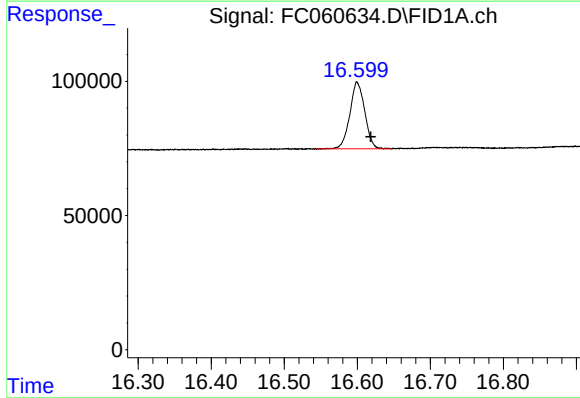
#15 n-Hexacosane (C26)

R.T.: 14.807 min
Delta R.T.: -0.016 min
Response: 298313
Conc: 1.82 ug/ml



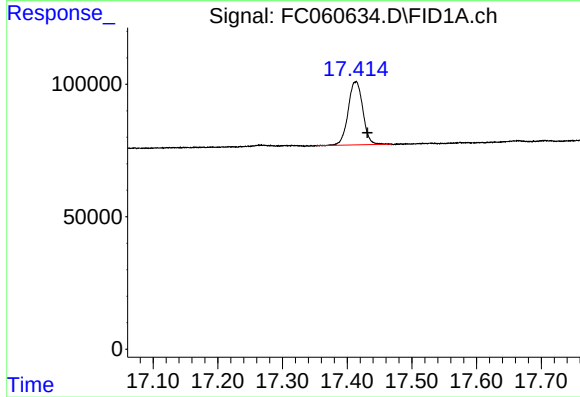
#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: -0.017 min
Response: 305991
Conc: 1.93 ug/ml



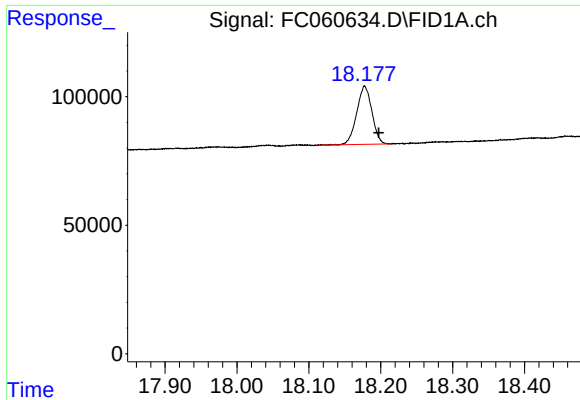
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: -0.019 min
Response: 352032
Conc: 2.31 ug/ml



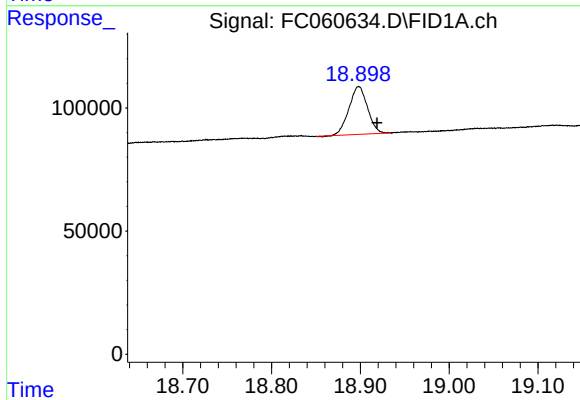
#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.018 min
Response: 375486
Conc: 2.58 ug/ml



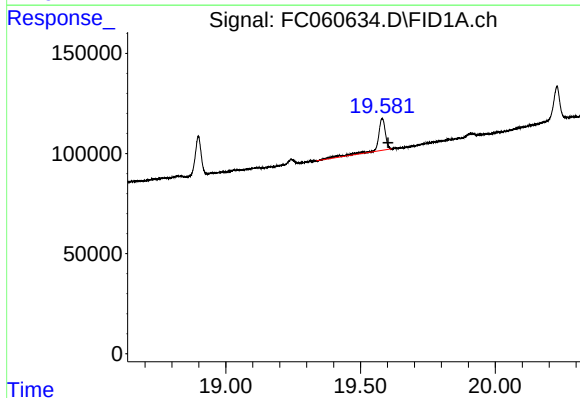
#19 n-Tetratriacontane (C34)

R.T.: 18.178 min
Delta R.T.: -0.019 min
Response: 330316
Conc: 2.60 ug/ml



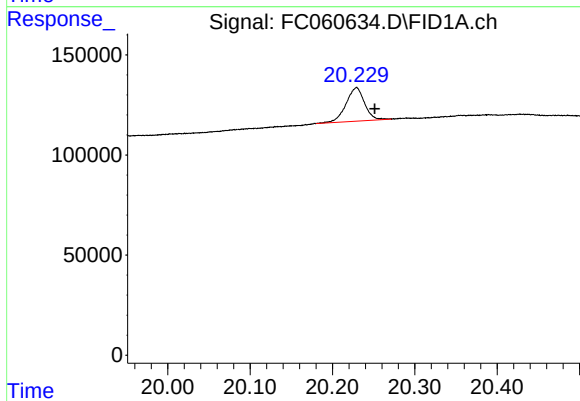
#20 n-Hexatriacontane (C36)

R.T.: 18.898 min
Delta R.T.: -0.021 min
Response: 282310
Conc: 2.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.022 min
Response: 310851
Conc: 2.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: -0.022 min
Response: 261760
Conc: 2.32 ug/ml