

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070822AL\
 Data File : FC060635.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2022 12:11
 Operator : YP/AJ
 Sample : N3214-09
 Misc : 2.5 PPM WATER MDL LOD
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:54:20 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	4230286	28.700 ug/ml
Spiked Amount 50.000		Recovery =	57.40%
Target Compounds			
1) T n-Nonane (C9)	2.633	179884	1.173 ug/ml
2) T n-Decane (C10)	3.627	224434	1.470 ug/ml
4) T n-Dodecane (C12)	5.571	407108	2.519 ug/ml
6) T n-Tetradecane (C14)	7.318	348768	2.111 ug/mlm
7) T n-Hexadecane (C16)	8.880	322609	1.909 ug/ml
8) T n-Octadecane (C18)	10.286	361176	2.099 ug/ml
10) T n-Eicosane (C20)	11.563	373205	2.187 ug/ml
11) T n-Heneicosane (C21)	12.161	356784	2.093 ug/ml
13) T n-Docosane (C22)	12.733	439998	2.581 ug/ml
14) T n-Tetracosane (C24)	13.810	477299	2.843 ug/ml
15) T n-Hexacosane (C26)	14.807	488760	2.974 ug/ml
16) T n-Octacosane (C28)	15.732	526899	3.321 ug/ml
17) T n-Tricontane (C30)	16.599	568916	3.737 ug/ml
18) T n-Dotriacontane (C32)	17.410	559771	3.851 ug/mlm
19) T n-Tetratriacontane (C34)	18.176	459341	3.617 ug/mlm
20) T n-Hexatriacontane (C36)	18.897	361463	3.221 ug/ml
21) T n-Octatriacontane (C38)	19.579	312173	2.852 ug/mlm
22) T n-Tetracontane (C40)	20.227	300621	2.662 ug/ml

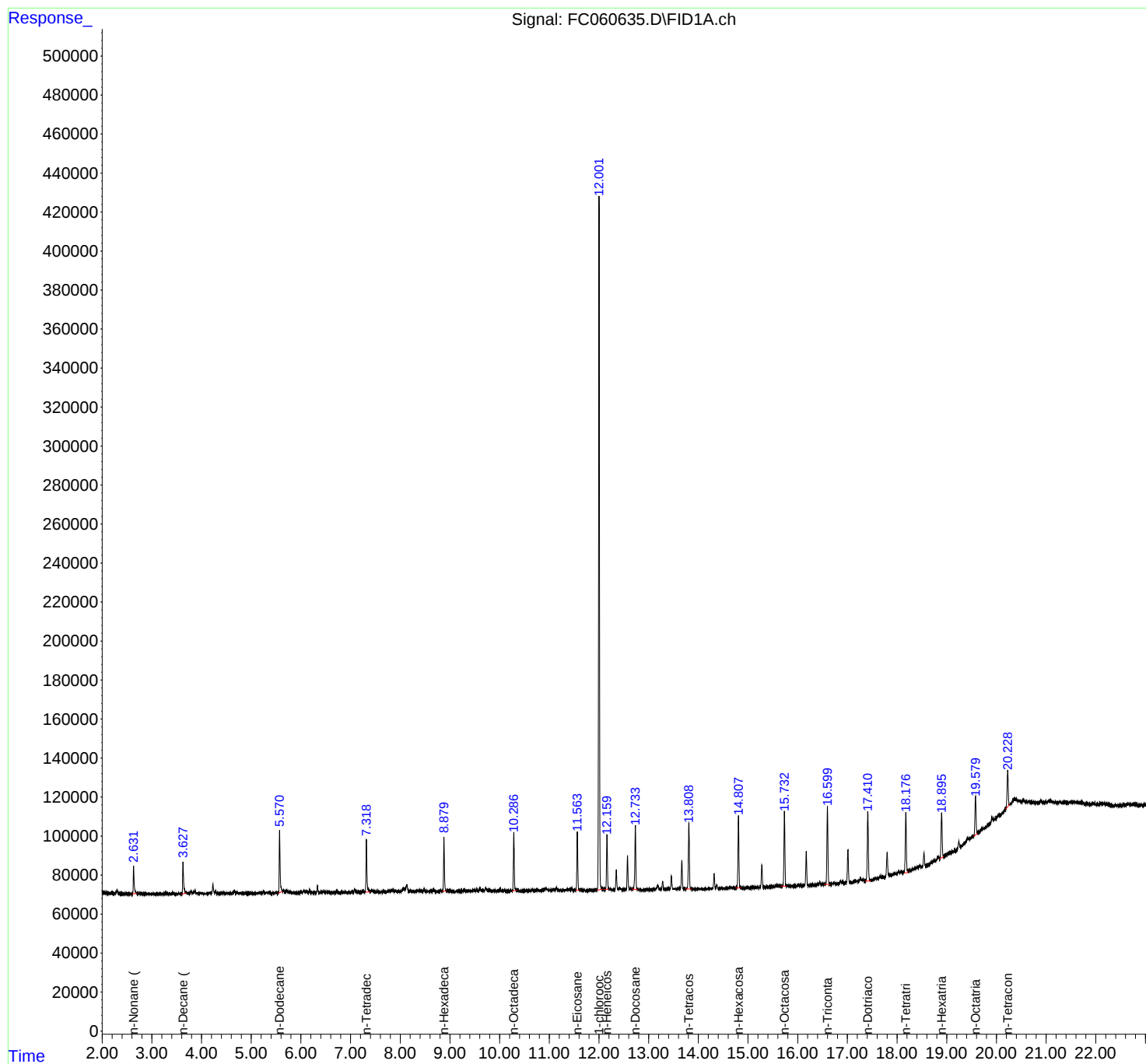
(f)=RT Delta > 1/2 Window

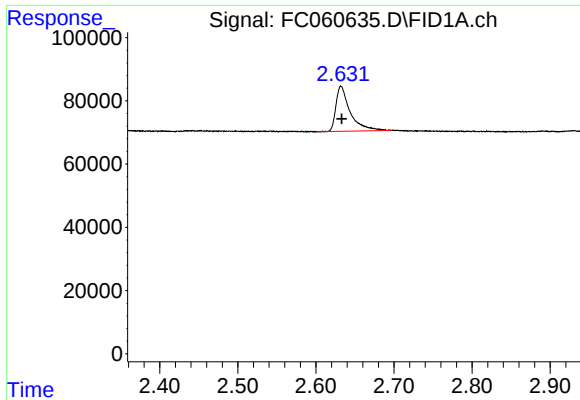
(m)=manual int.

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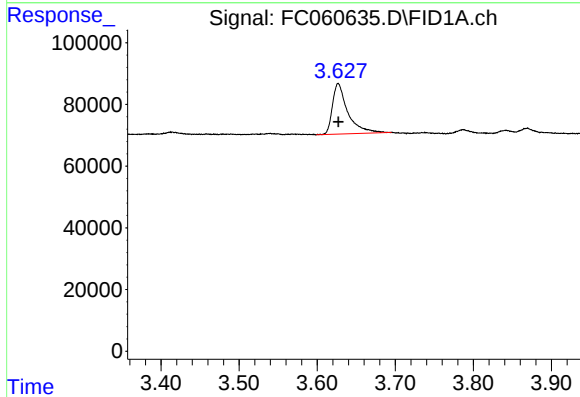
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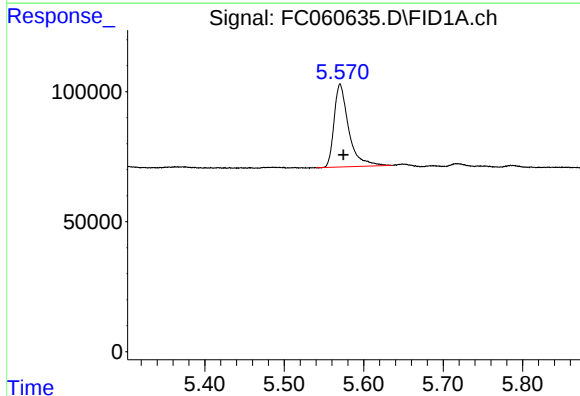
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: 0.000 min
Response: 179884
Conc: 1.17 ug/ml



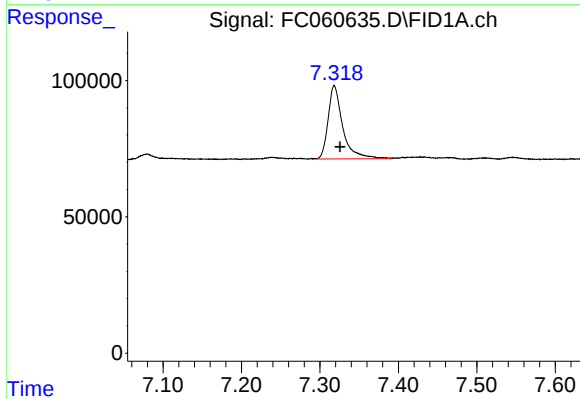
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 224434
Conc: 1.47 ug/ml



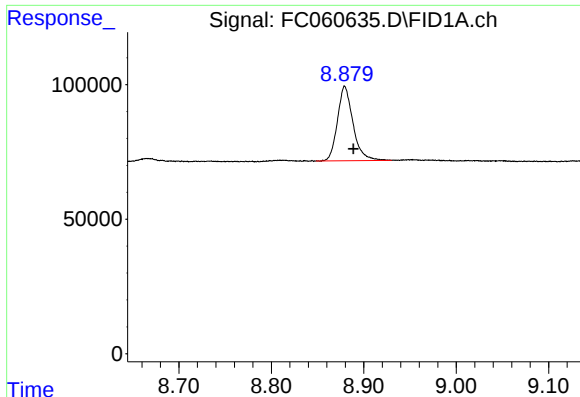
#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: -0.004 min
Response: 407108
Conc: 2.52 ug/ml



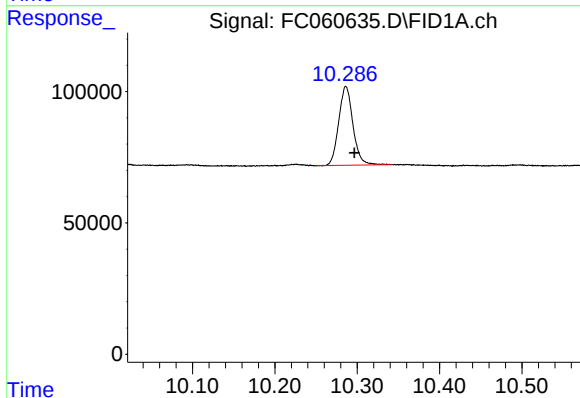
#6 n-Tetradecane (C14)

R.T.: 7.318 min
Delta R.T.: -0.008 min
Response: 348768
Conc: 2.11 ug/ml m



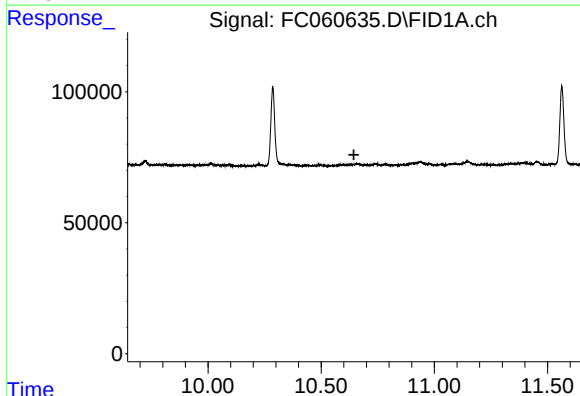
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: -0.009 min
Response: 322609
Conc: 1.91 ug/ml



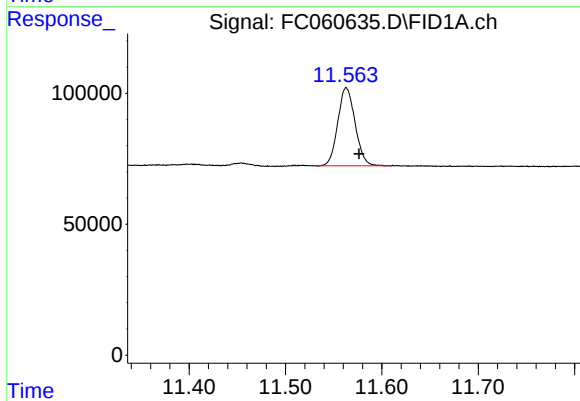
#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: -0.010 min
Response: 361176
Conc: 2.10 ug/ml



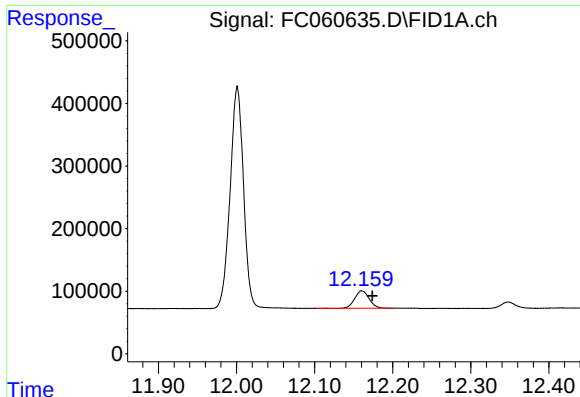
#9 ortho-Terphenyl (SURR)

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



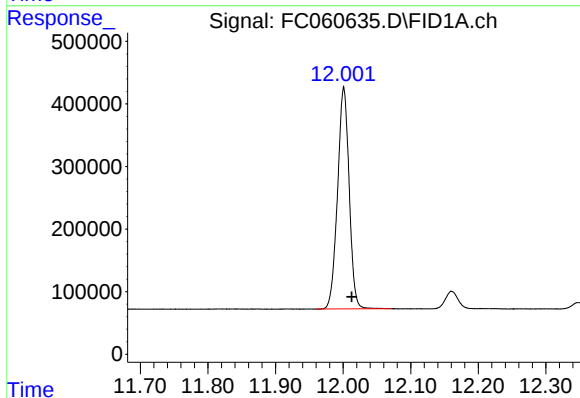
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: -0.013 min
Response: 373205
Conc: 2.19 ug/ml



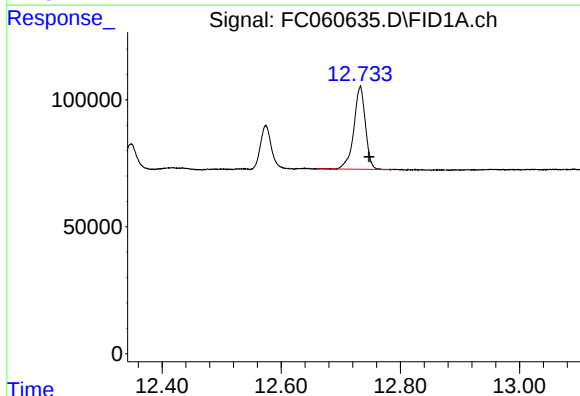
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: -0.013 min
Response: 356784
Conc: 2.09 ug/ml



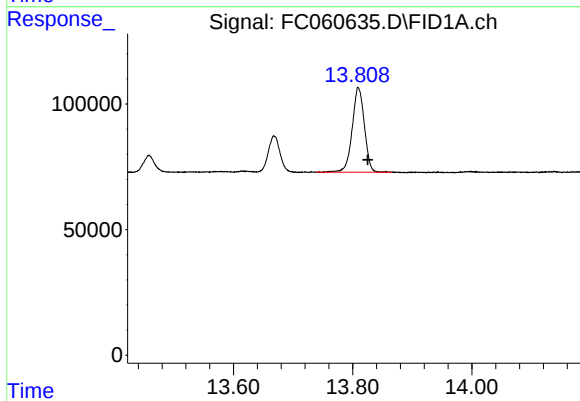
#12 1-chlorooctadecane (SURR)

R.T.: 12.001 min
Delta R.T.: -0.012 min
Response: 4230286
Conc: 28.70 ug/ml



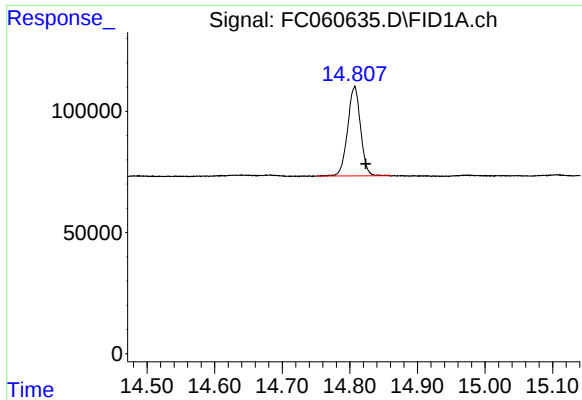
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: -0.015 min
Response: 439998
Conc: 2.58 ug/ml



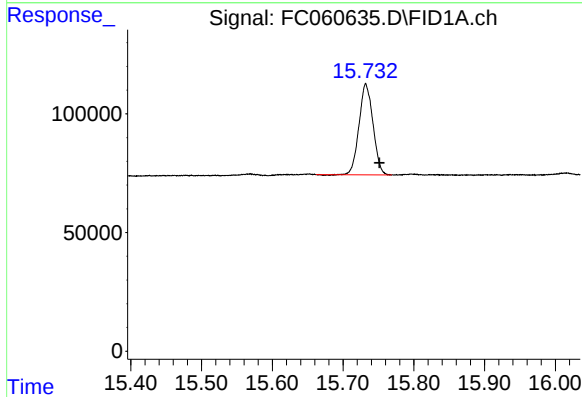
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.016 min
Response: 477299
Conc: 2.84 ug/ml



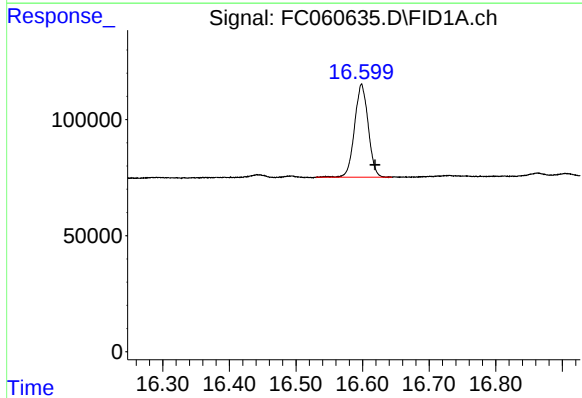
#15 n-Hexacosane (C26)

R.T.: 14.807 min
Delta R.T.: -0.017 min
Response: 488760
Conc: 2.97 ug/ml



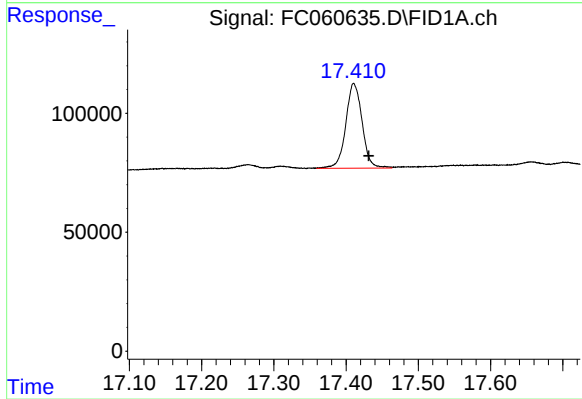
#16 n-Octacosane (C28)

R.T.: 15.732 min
Delta R.T.: -0.019 min
Response: 526899
Conc: 3.32 ug/ml



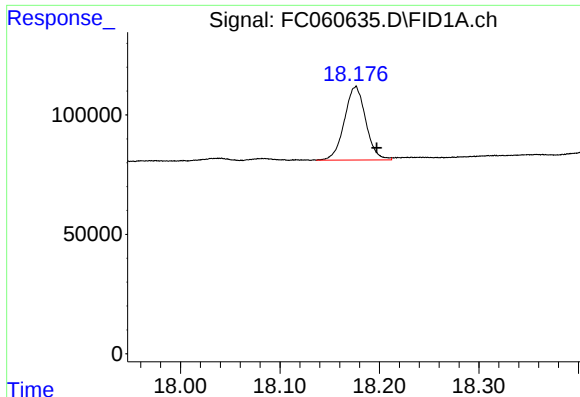
#17 n-Tricontane (C30)

R.T.: 16.599 min
Delta R.T.: -0.020 min
Response: 568916
Conc: 3.74 ug/ml



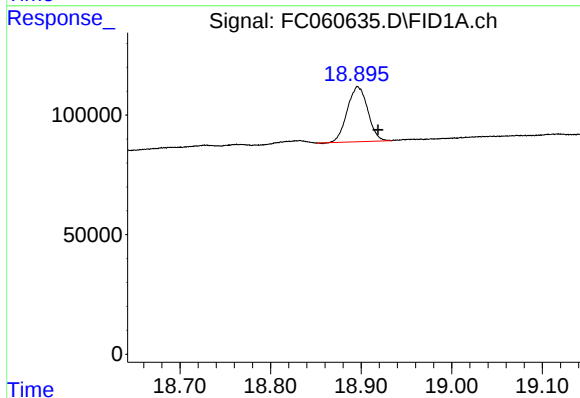
#18 n-Dotriacontane (C32)

R.T.: 17.410 min
Delta R.T.: -0.021 min
Response: 559771
Conc: 3.85 ug/ml m



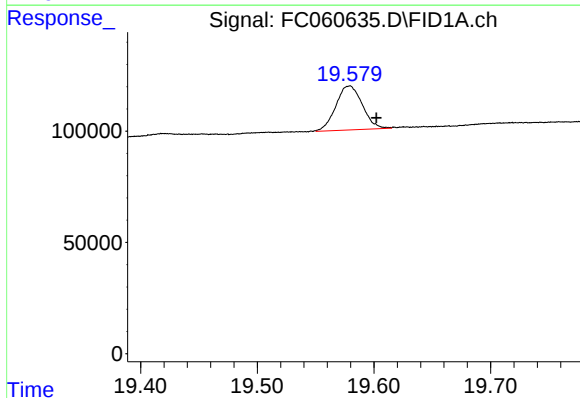
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: -0.021 min
Response: 459341
Conc: 3.62 ug/ml m



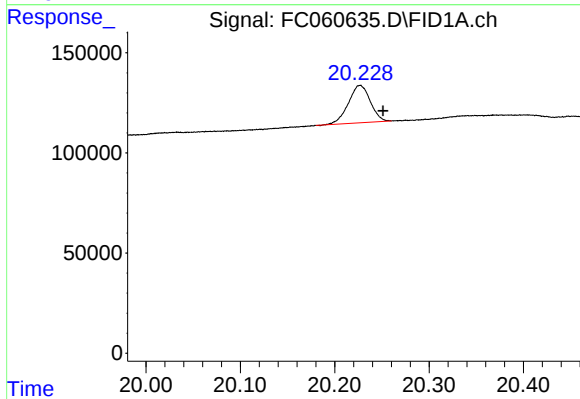
#20 n-Hexatriacontane (C36)

R.T.: 18.897 min
Delta R.T.: -0.022 min
Response: 361463
Conc: 3.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.579 min
Delta R.T.: -0.023 min
Response: 312173
Conc: 2.85 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.227 min
Delta R.T.: -0.024 min
Response: 300621
Conc: 2.66 ug/ml