

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080422AL\
 Data File : FC060990.D
 Signal(s) : FID1A.ch
 Acq On : 04 Aug 2022 13:03
 Operator : YP/AJ
 Sample : N3980-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 06:38:10 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...	11.997	5101494	38.428 ug/ml
Spiked Amount 50.000		Recovery =	76.86%
Target Compounds			
1) T n-Nonane (C9)	2.633	402686	2.859 ug/ml
2) T n-Decane (C10)	3.625	527557	3.740 ug/mlm
4) T n-Dodecane (C12)	5.568	924392	6.237 ug/mlm
6) T n-Tetradecane (C14)	7.316	747415	4.978 ug/mlm
7) T n-Hexadecane (C16)	8.876	761234	4.974 ug/ml
8) T n-Octadecane (C18)	10.282	835026	5.347 ug/ml
10) T n-Eicosane (C20)	11.558	905219	5.768 ug/ml
11) T n-Heneicosane (C21)	12.155	880076	5.625 ug/ml
13) T n-Docosane (C22)	12.725	1134708	7.278 ug/ml
14) T n-Tetracosane (C24)	13.802	1201055	7.867 ug/ml
15) T n-Hexacosane (C26)	14.799	1235804	8.279 ug/ml
16) T n-Octacosane (C28)	15.725	1394155	9.729 ug/mlm
17) T n-Tricontane (C30)	16.590	1536349	10.974 ug/mlm
18) T n-Dotriacontane (C32)	17.404	1533119	11.360 ug/ml
19) T n-Tetratriacontane (C34)	18.167	1146418	9.141 ug/ml
20) T n-Hexatriacontane (C36)	18.888	844020	6.905 ug/ml
21) T n-Octatriacontane (C38)	19.571	713573	6.046 ug/ml
22) T n-Tetracontane (C40)	20.215	670432	5.825 ug/mlm

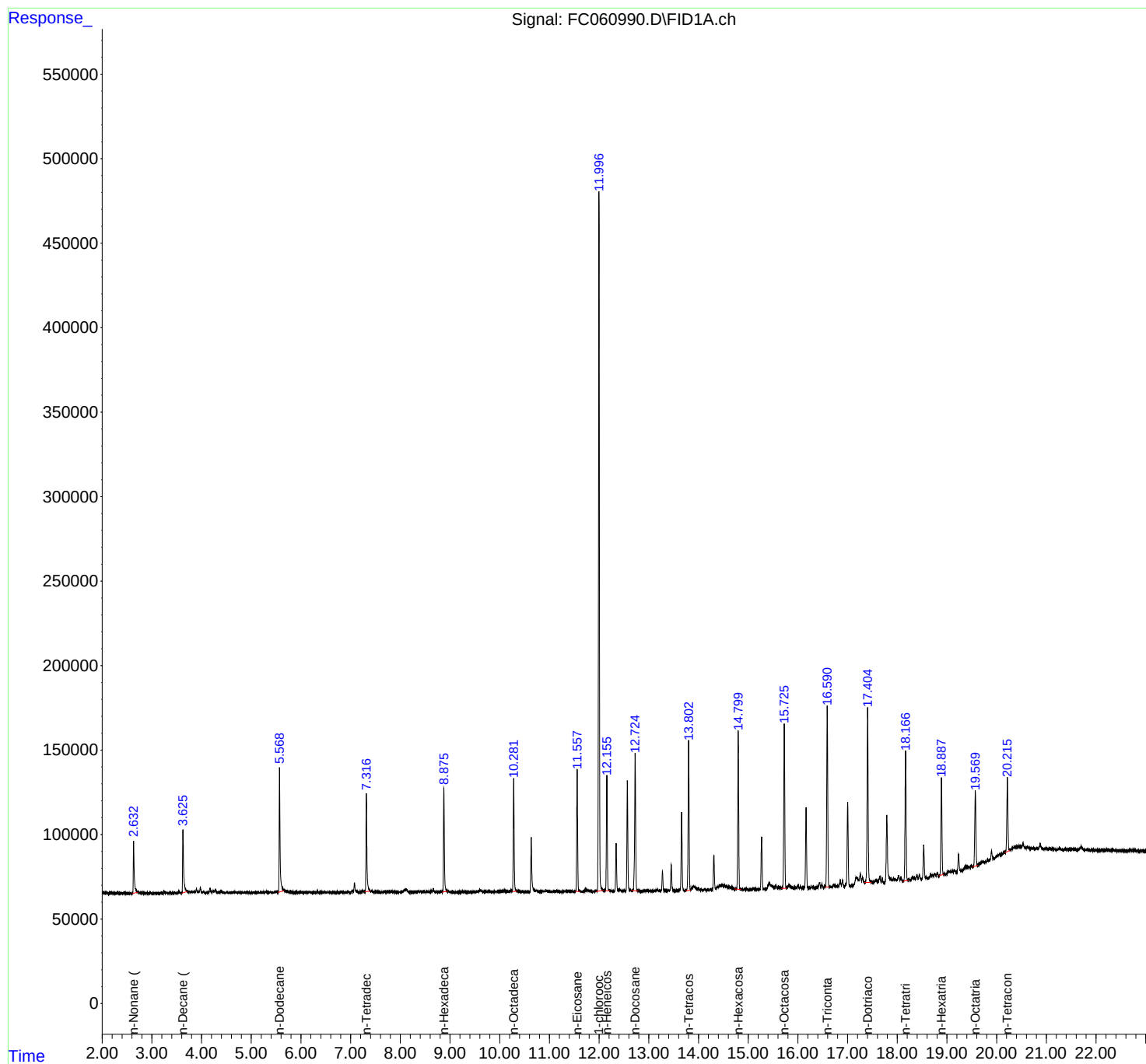
(f)=RT Delta > 1/2 Window

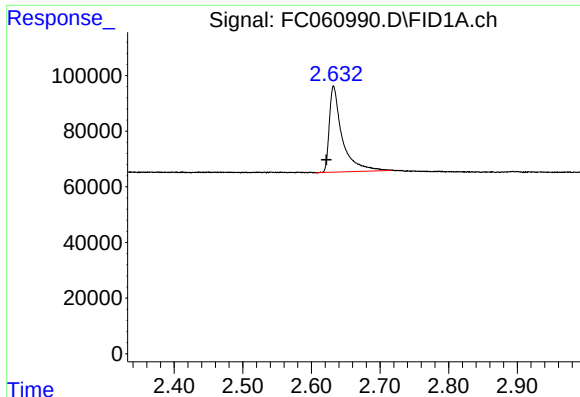
(m)=manual int.

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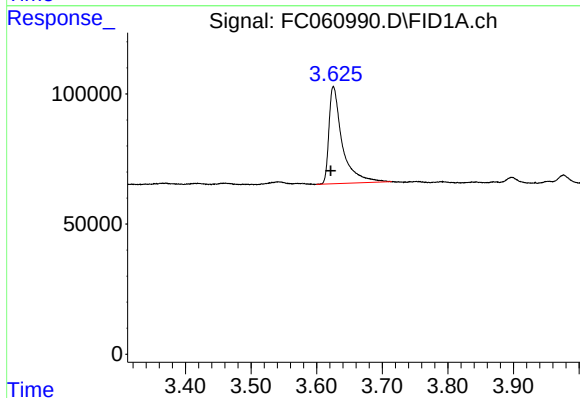
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Signal Info : 20M x 0.18mm x 0.18um





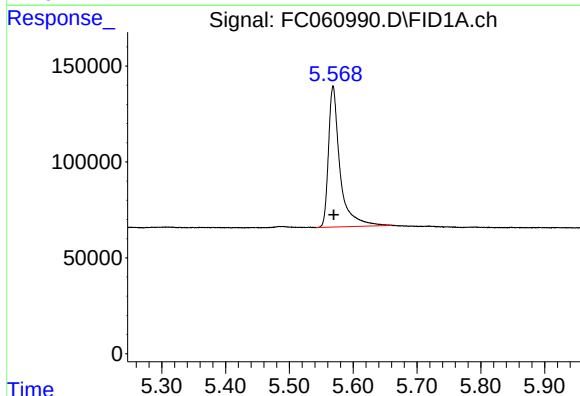
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: 0.011 min
Response: 402686
Conc: 2.86 ug/ml



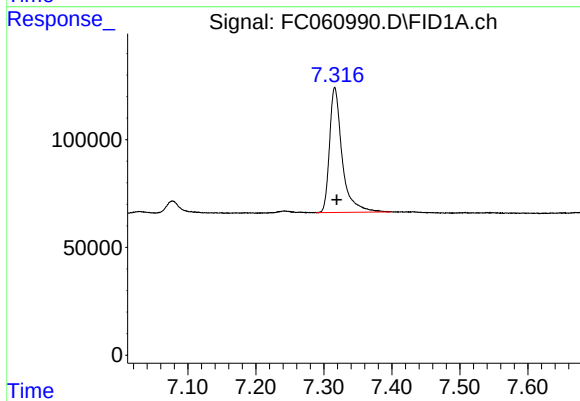
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: 0.004 min
Response: 527557
Conc: 3.74 ug/ml m



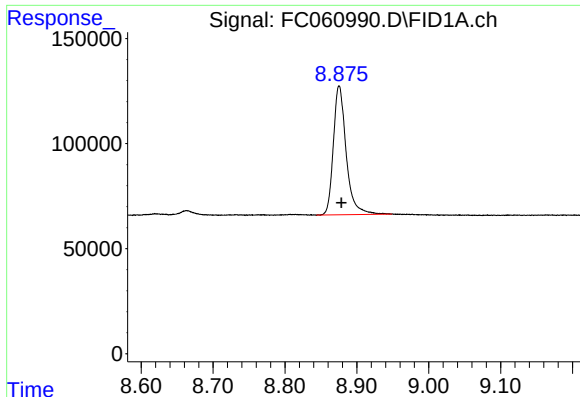
#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.001 min
Response: 924392
Conc: 6.24 ug/ml m



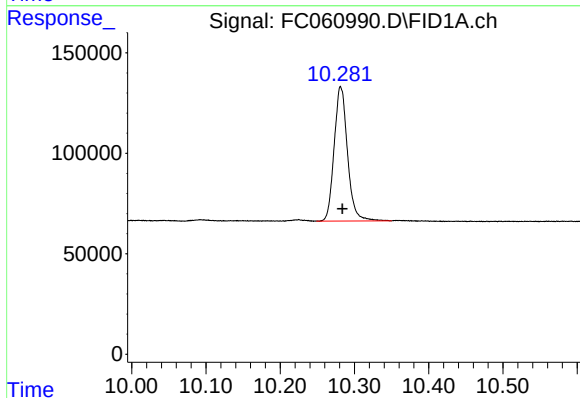
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 747415
Conc: 4.98 ug/ml m



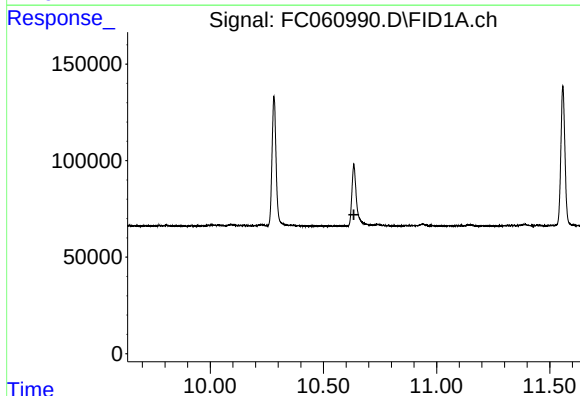
#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 761234
Conc: 4.97 ug/ml



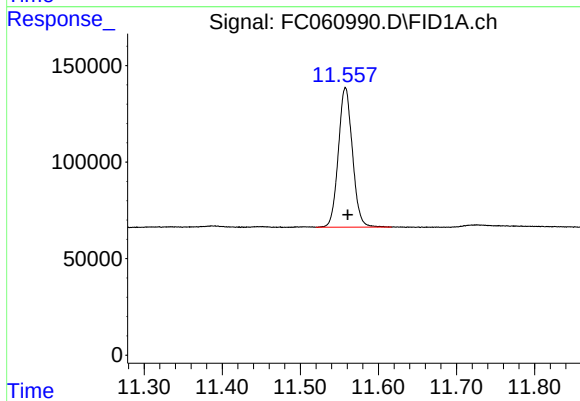
#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.002 min
Response: 835026
Conc: 5.35 ug/ml



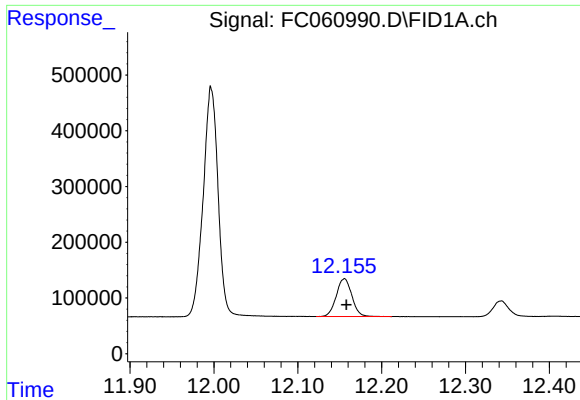
#9 ortho-Terphenyl (SURR)

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



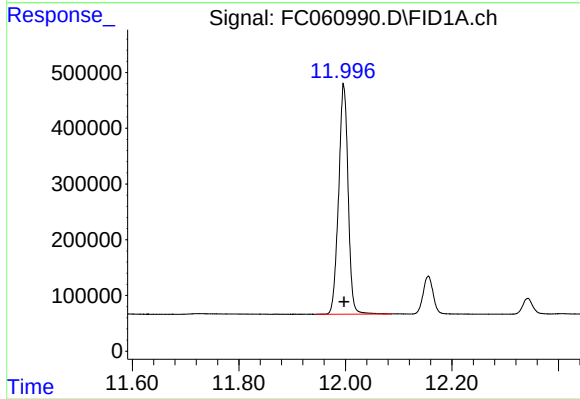
#10 n-Eicosane (C20)

R.T.: 11.558 min
Delta R.T.: -0.003 min
Response: 905219
Conc: 5.77 ug/ml



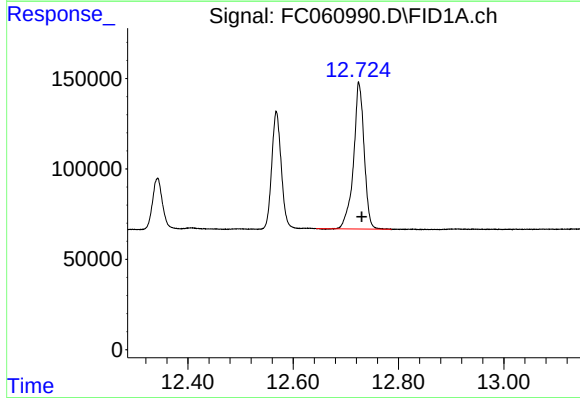
#11 n-Heneicosane (C21)

R.T.: 12.155 min
Delta R.T.: -0.003 min
Response: 880076
Conc: 5.62 ug/ml



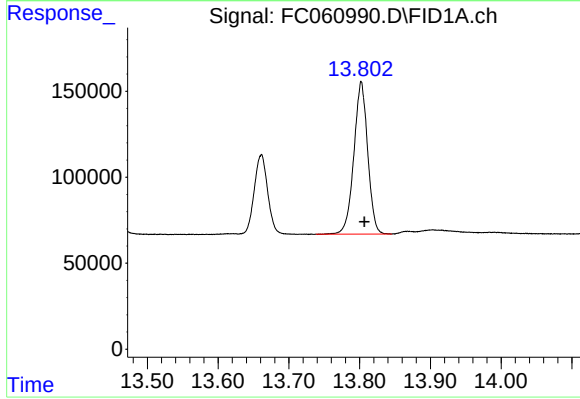
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: 0.000 min
Response: 5101494
Conc: 38.43 ug/ml



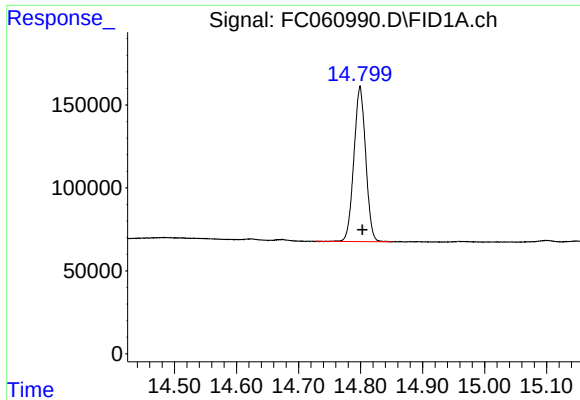
#13 n-Docosane (C22)

R.T.: 12.725 min
Delta R.T.: -0.005 min
Response: 1134708
Conc: 7.28 ug/ml



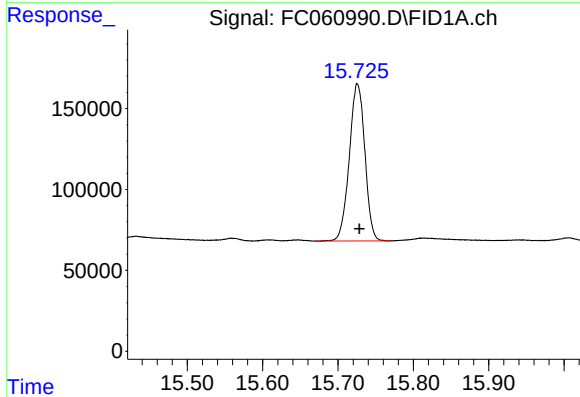
#14 n-Tetracosane (C24)

R.T.: 13.802 min
Delta R.T.: -0.004 min
Response: 1201055
Conc: 7.87 ug/ml



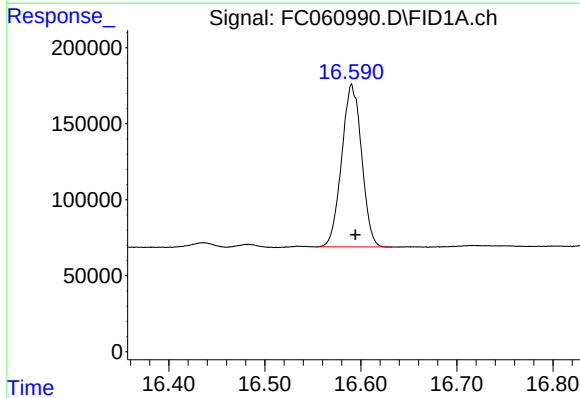
#15 n-Hexacosane (C26)

R.T.: 14.799 min
Delta R.T.: -0.004 min
Response: 1235804
Conc: 8.28 ug/ml



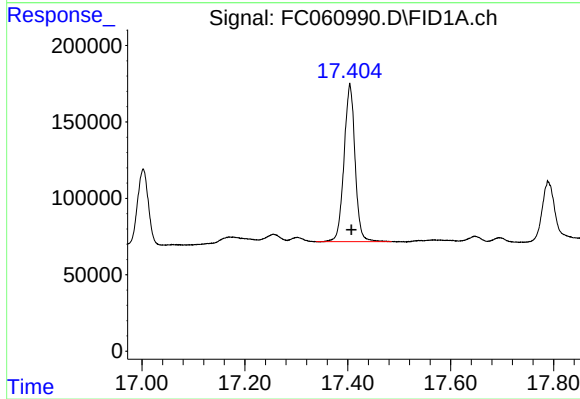
#16 n-Octacosane (C28)

R.T.: 15.725 min
Delta R.T.: -0.004 min
Response: 1394155
Conc: 9.73 ug/ml m



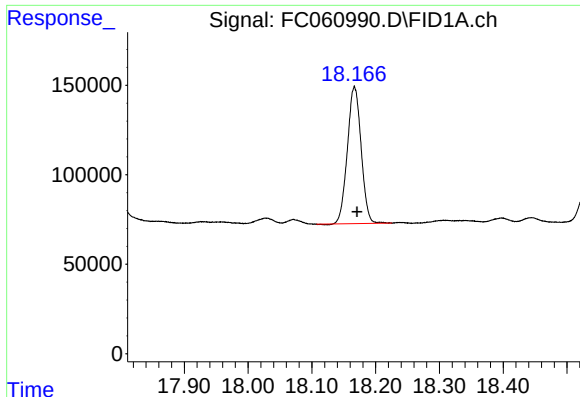
#17 n-Tricontane (C30)

R.T.: 16.590 min
Delta R.T.: -0.004 min
Response: 1536349
Conc: 10.97 ug/ml m



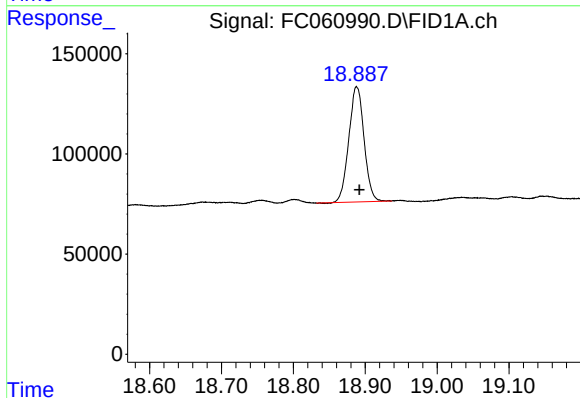
#18 n-Dotriacontane (C32)

R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 1533119
Conc: 11.36 ug/ml



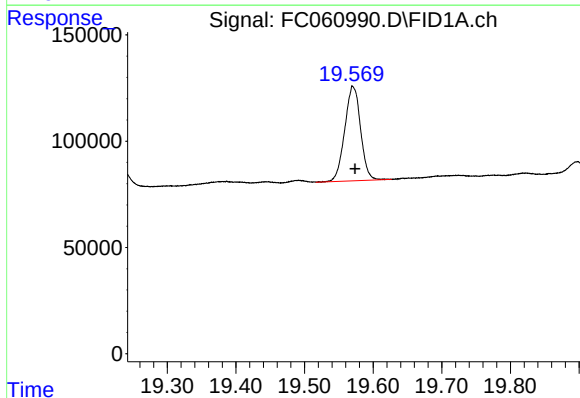
#19 n-Tetratriacontane (C34)

R.T.: 18.167 min
Delta R.T.: -0.004 min
Response: 1146418
Conc: 9.14 ug/ml



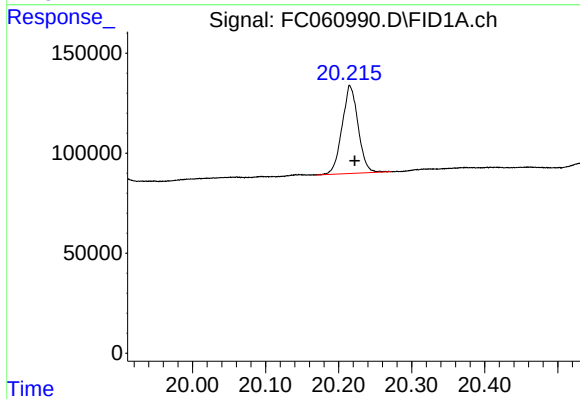
#20 n-Hexatriacontane (C36)

R.T.: 18.888 min
Delta R.T.: -0.004 min
Response: 844020
Conc: 6.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.571 min
Delta R.T.: -0.003 min
Response: 713573
Conc: 6.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.215 min
Delta R.T.: -0.007 min
Response: 670432
Conc: 5.82 ug/ml m