

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082925AL\
 Data File : FF016277.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 11:15
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 01:47:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 03:35:42 2025
 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...	13.418	3302872	29.611 ug/ml
Spiked Amount 50.000		Recovery =	59.22%
Target Compounds			
1) T n-Nonane (C9)	3.334	299622	2.563 ug/ml
2) T n-Decane (C10)	4.594	356921	3.013 ug/mlm
4) T n-Dodecane (C12)	6.770	464836	3.873 ug/ml
6) T n-Tetradecane (C14)	8.603	477173	3.960 ug/ml
7) T n-Hexadecane (C16)	10.213	446502	3.575 ug/ml
8) T n-Octadecane (C18)	11.658	471100	3.637 ug/ml
10) T n-Eicosane (C20)	12.970	509066	3.981 ug/ml
11) T n-Heneicosane (C21)	13.584	490032	3.860 ug/ml
13) T n-Docosane (C22)	14.171	496764	3.913 ug/ml
14) T n-Tetracosane (C24)	15.277	510143	3.988 ug/mlm
15) T n-Hexacosane (C26)	16.300	490930	3.927 ug/ml
16) T n-Octacosane (C28)	17.252	492688	4.021 ug/ml
17) T n-Tricontane (C30)	18.142	519523	4.172 ug/ml
18) T n-Dotriacontane (C32)	18.977	514036	4.265 ug/mlm
19) T n-Tetratriacontane (C34)	19.764	489217	4.486 ug/ml
20) T n-Hexatriacontane (C36)	20.507	442668	4.743 ug/ml
21) T n-Octatriacontane (C38)	21.266	428692	5.097 ug/ml
22) T n-Tetracontane (C40)	22.217	398534	5.076 ug/ml

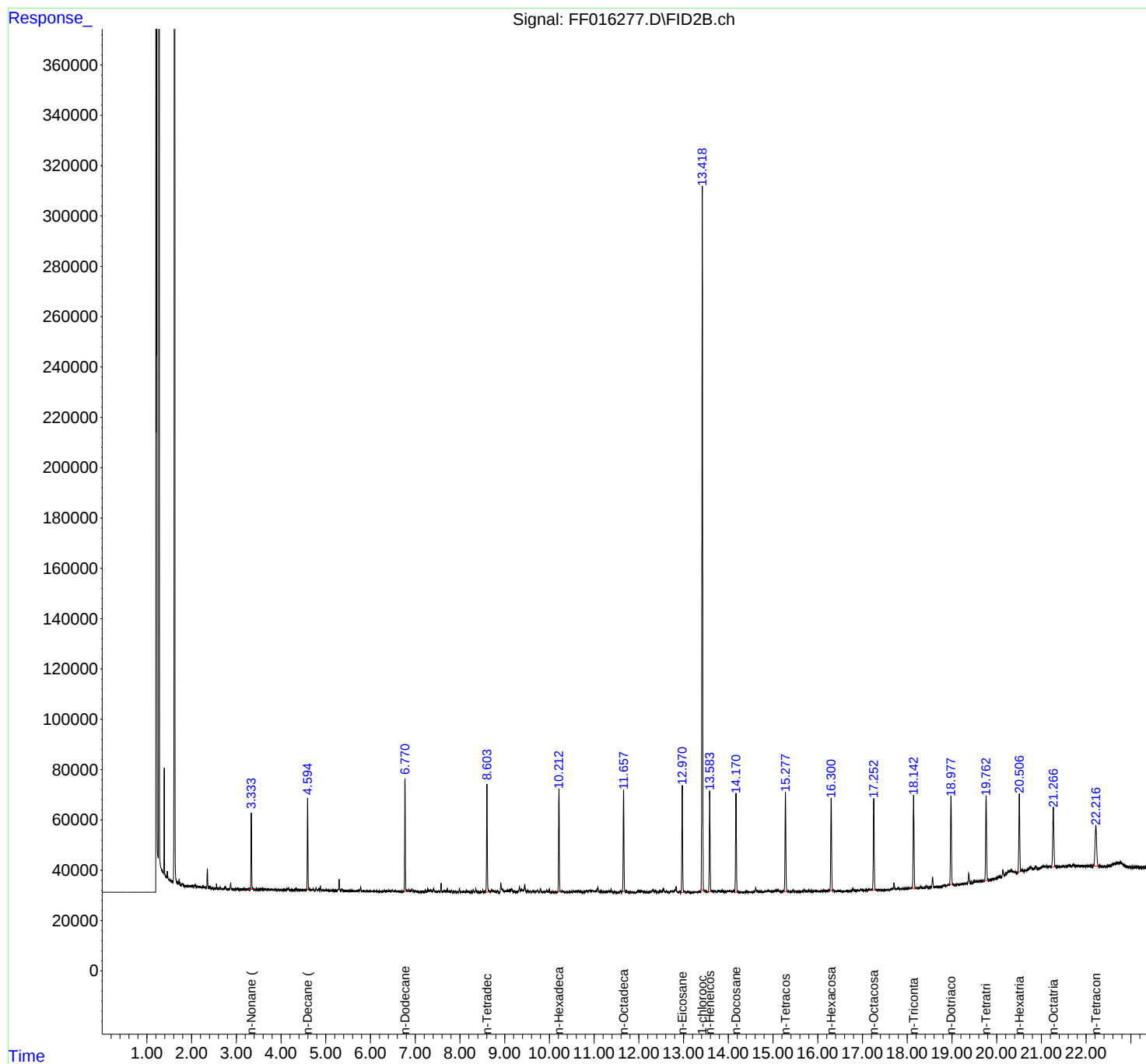
(f)=RT Delta > 1/2 Window

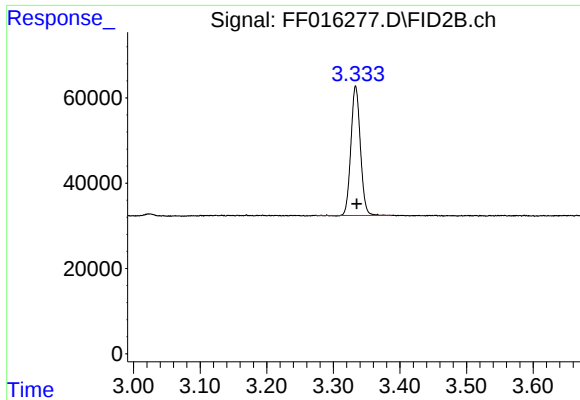
(m)=manual int.

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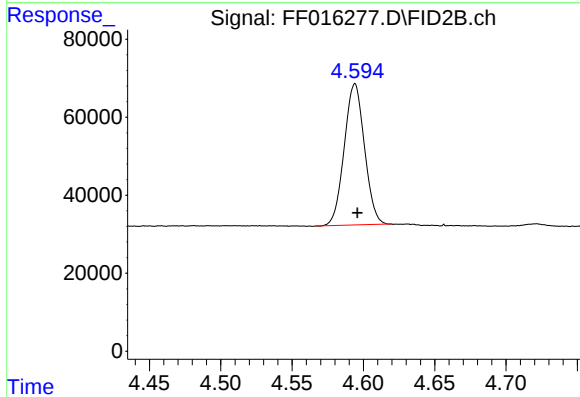
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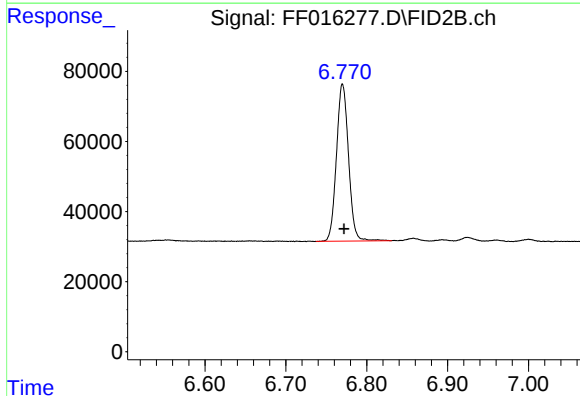
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 299622
Conc: 2.56 ug/ml



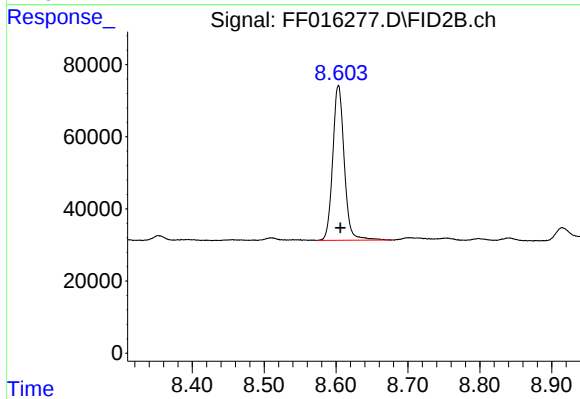
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.002 min
Response: 356921
Conc: 3.01 ug/ml m



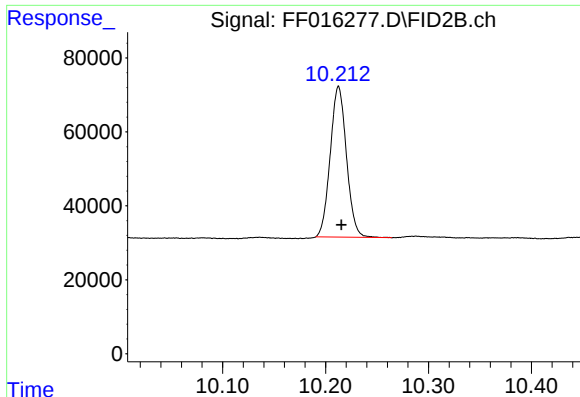
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 464836
Conc: 3.87 ug/ml



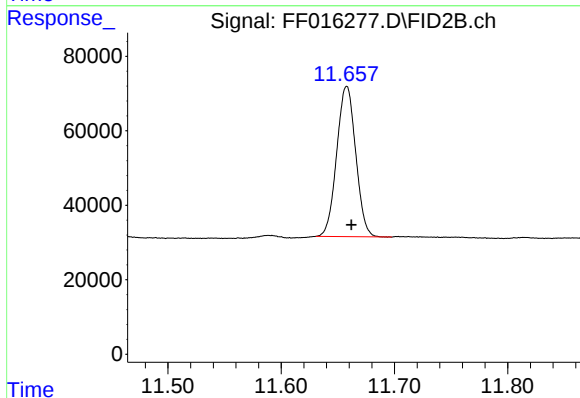
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 477173
Conc: 3.96 ug/ml



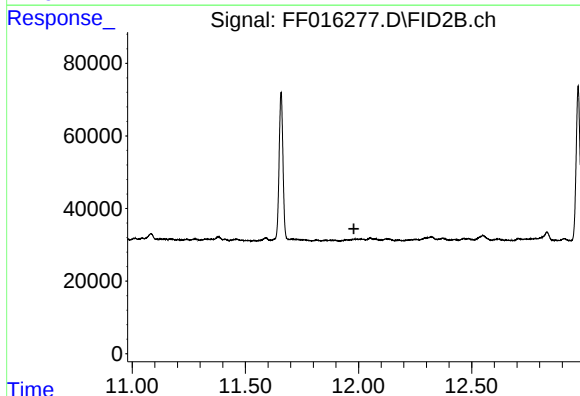
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.003 min
Response: 446502
Conc: 3.58 ug/ml



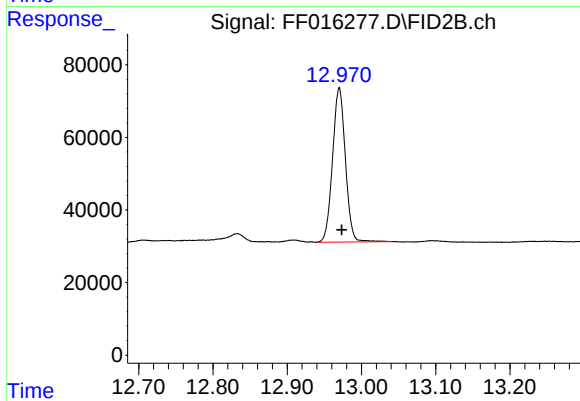
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 471100
Conc: 3.64 ug/ml



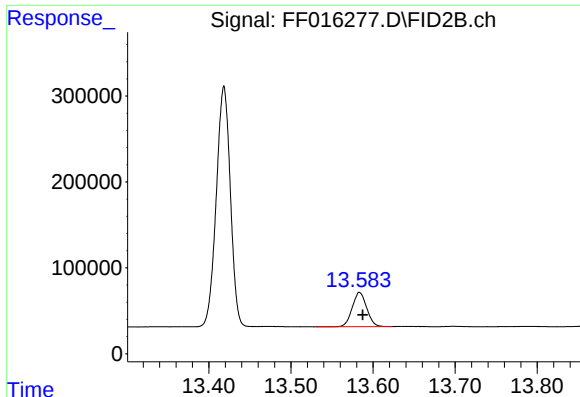
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.980 min
Response: 0
Conc: N.D.



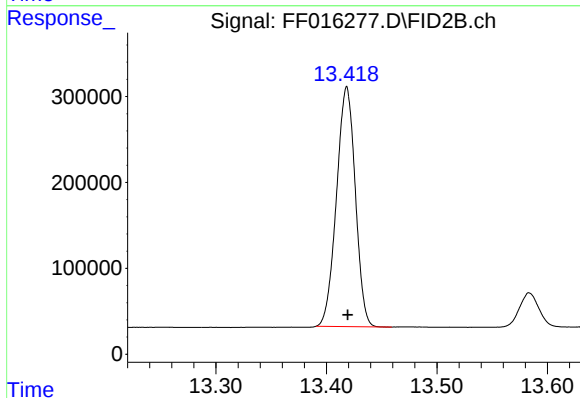
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: -0.003 min
Response: 509066
Conc: 3.98 ug/ml



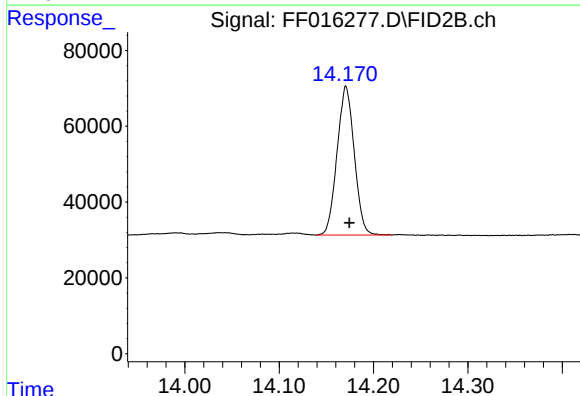
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: -0.004 min
Response: 490032
Conc: 3.86 ug/ml



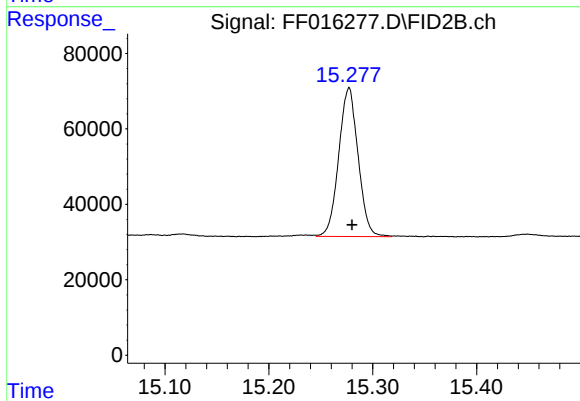
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.000 min
Response: 3302872
Conc: 29.61 ug/ml



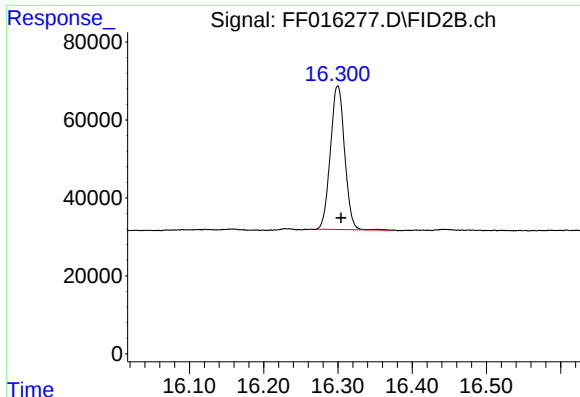
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: -0.004 min
Response: 496764
Conc: 3.91 ug/ml



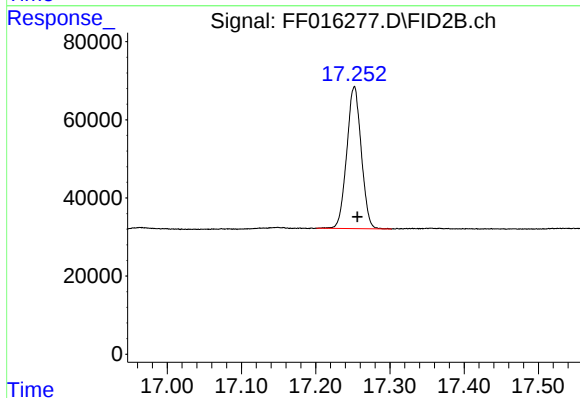
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: -0.003 min
Response: 510143
Conc: 3.99 ug/ml m



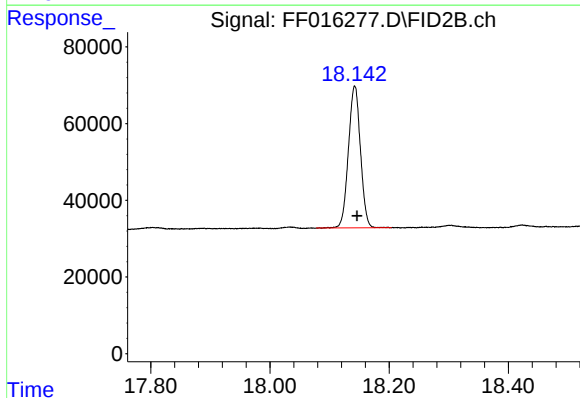
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: -0.004 min
Response: 490930
Conc: 3.93 ug/ml



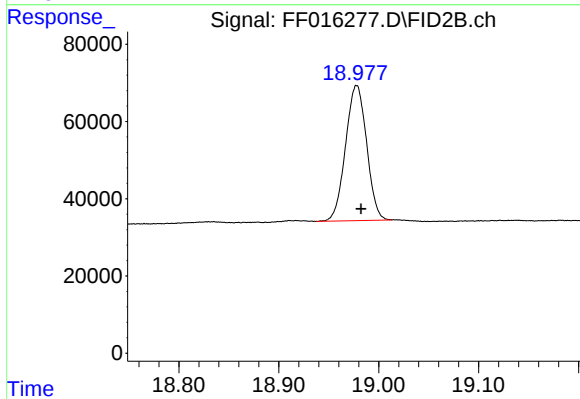
#16 n-Octacosane (C28)

R.T.: 17.252 min
Delta R.T.: -0.004 min
Response: 492688
Conc: 4.02 ug/ml



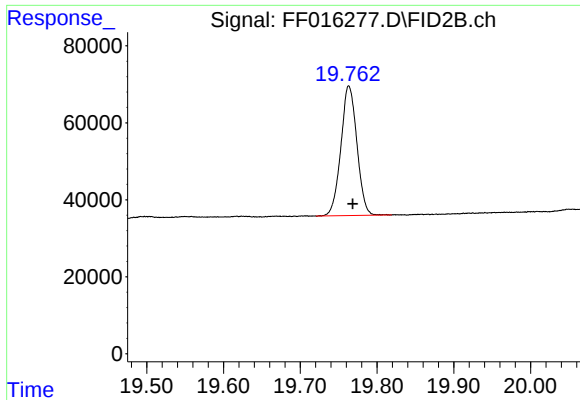
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: -0.004 min
Response: 519523
Conc: 4.17 ug/ml



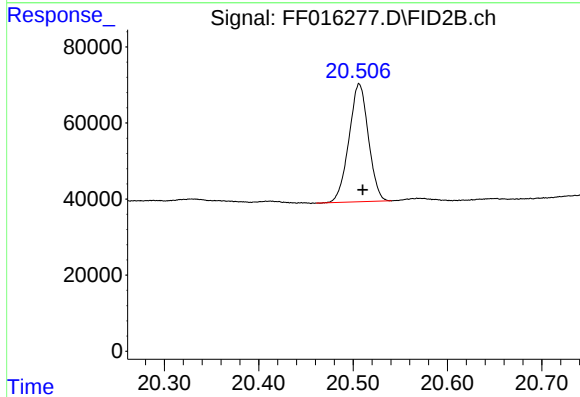
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.006 min
Response: 514036
Conc: 4.26 ug/ml m



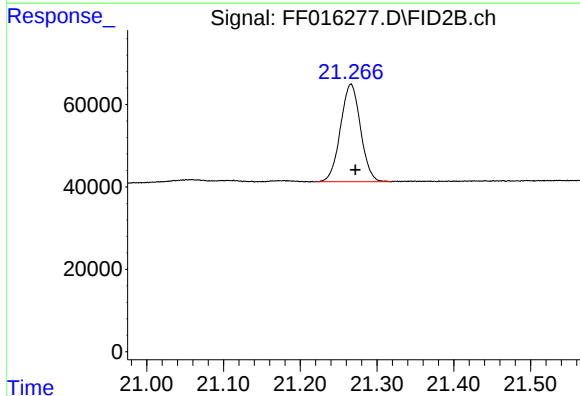
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: -0.005 min
Response: 489217
Conc: 4.49 ug/ml



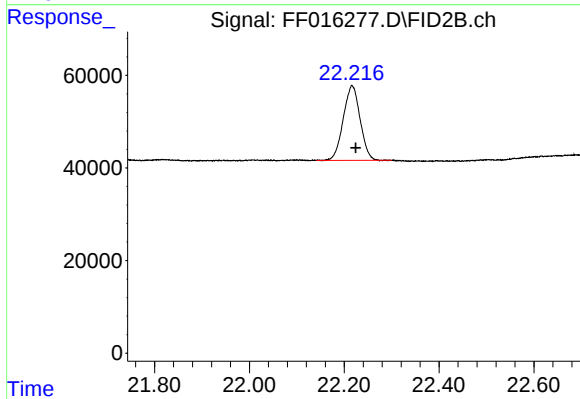
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.004 min
Response: 442668
Conc: 4.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: -0.006 min
Response: 428692
Conc: 5.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.217 min
Delta R.T.: -0.007 min
Response: 398534
Conc: 5.08 ug/ml