

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082925AL\
 Data File : FF016275.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 10:16
 Operator : YP\AJ
 Sample : Q2893-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 01:46:16 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...	13.421	7107915	63.723 ug/ml
Spiked Amount 50.000		Recovery =	127.45%
Target Compounds			
1) T n-Nonane (C9)	3.333	287601	2.460 ug/ml
2) T n-Decane (C10)	4.593	356769	3.012 ug/mlm
4) T n-Dodecane (C12)	6.770	460873	3.840 ug/ml
6) T n-Tetradecane (C14)	8.603	536293	4.451 ug/ml
7) T n-Hexadecane (C16)	10.212	486741	3.897 ug/ml
8) T n-Octadecane (C18)	11.657	543003	4.192 ug/ml
10) T n-Eicosane (C20)	12.970	599190	4.686 ug/ml
11) T n-Heneicosane (C21)	13.583	563086	4.435 ug/ml
13) T n-Docosane (C22)	14.170	584078	4.600 ug/ml
14) T n-Tetracosane (C24)	15.277	597470	4.671 ug/ml
15) T n-Hexacosane (C26)	16.300	557590	4.461 ug/ml
16) T n-Octacosane (C28)	17.253	554778	4.528 ug/ml
17) T n-Tricontane (C30)	18.142	555701	4.462 ug/ml
18) T n-Dotriacontane (C32)	18.978	594258	4.930 ug/ml
19) T n-Tetratriacontane (C34)	19.764	508245	4.661 ug/ml
20) T n-Hexatriacontane (C36)	20.506	490727	5.258 ug/ml
21) T n-Octatriacontane (C38)	21.267	465413	5.534 ug/ml
22) T n-Tetracontane (C40)	22.215	467848	5.959 ug/mlm

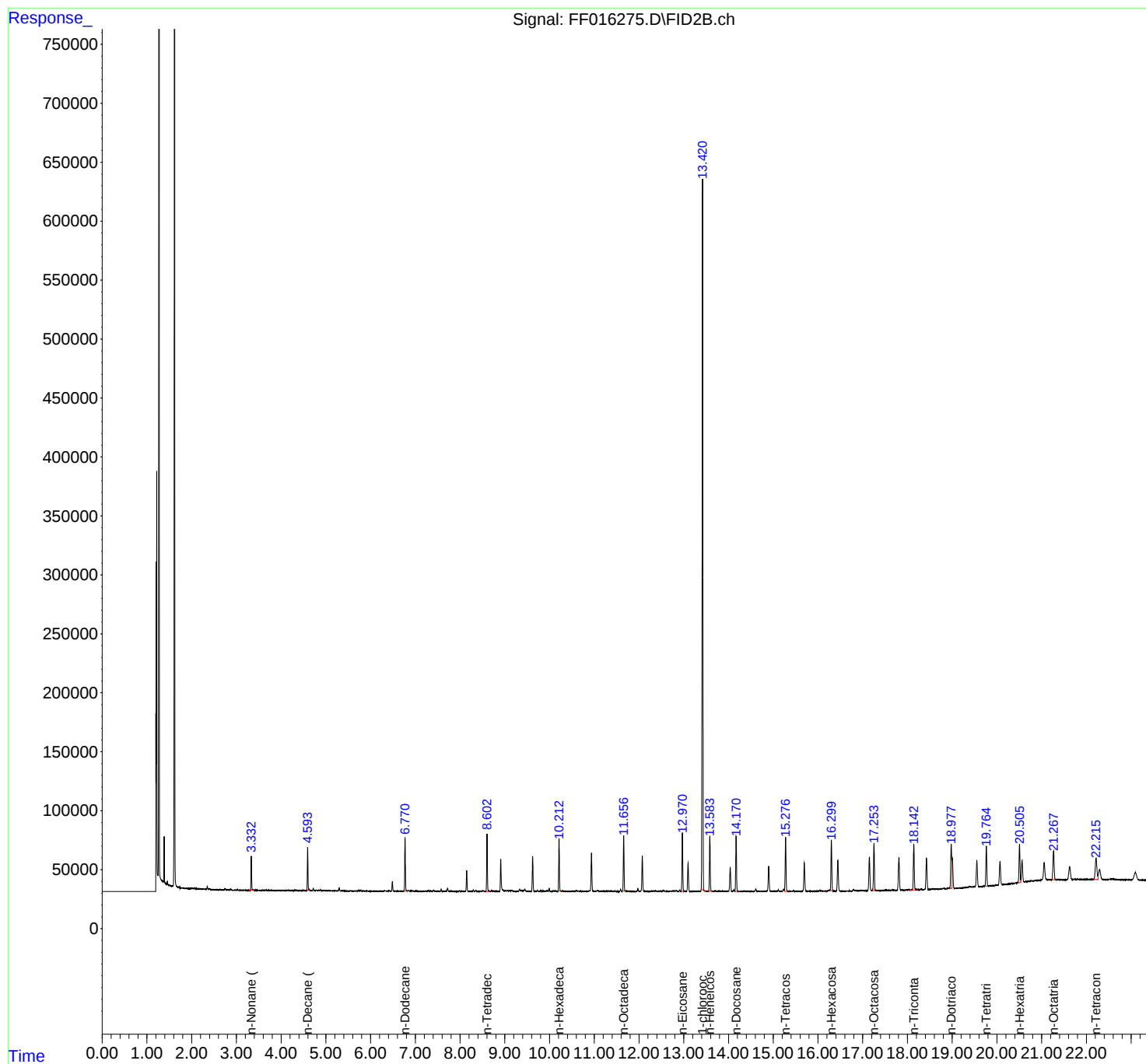
(f)=RT Delta > 1/2 Window

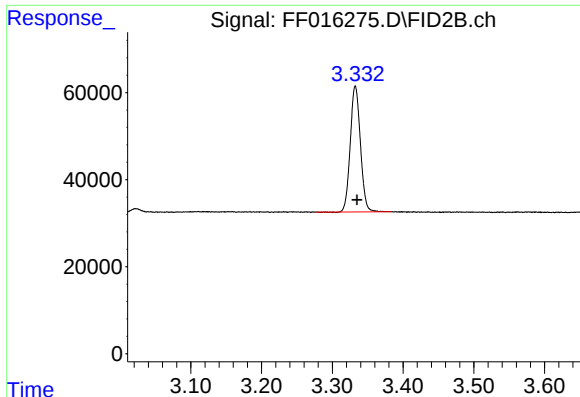
(m)=manual int.

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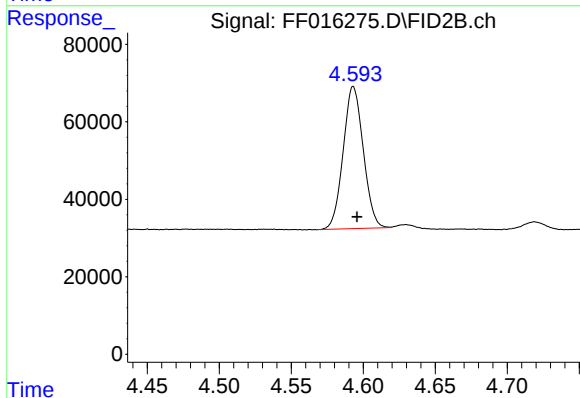
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Signal Info : 20M x 0.18mm x 0.18um





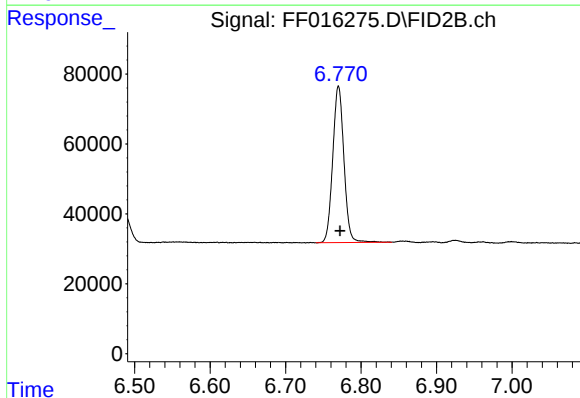
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 287601
Conc: 2.46 ug/ml



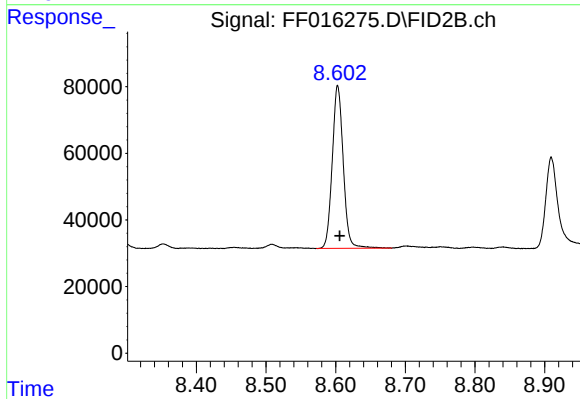
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.003 min
Response: 356769
Conc: 3.01 ug/ml m



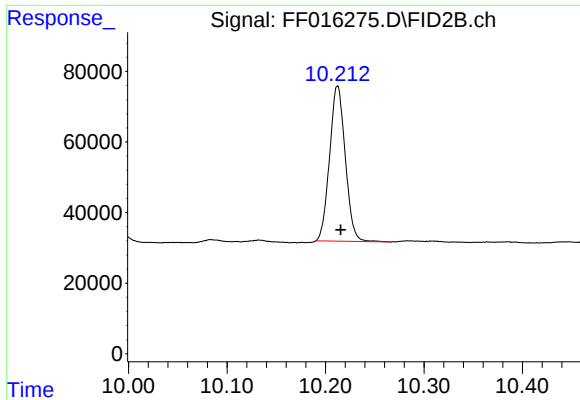
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 460873
Conc: 3.84 ug/ml



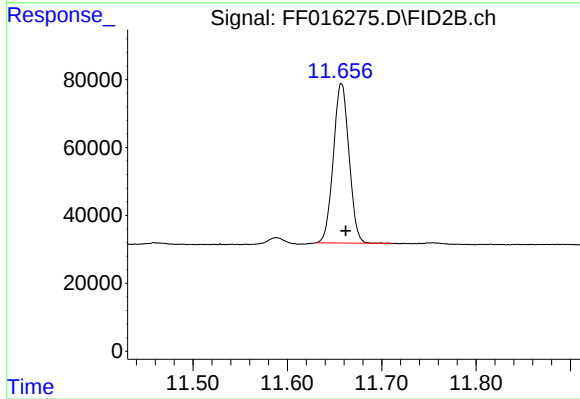
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 536293
Conc: 4.45 ug/ml



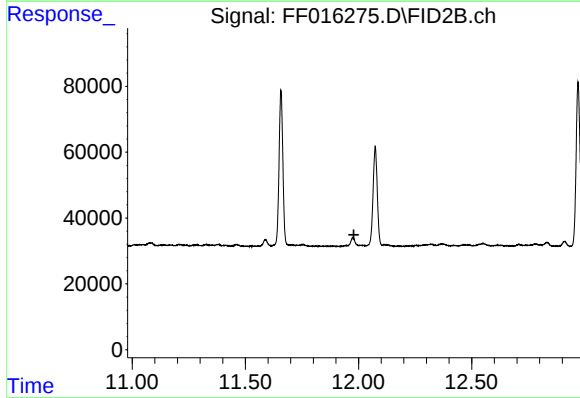
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.003 min
Response: 486741
Conc: 3.90 ug/ml



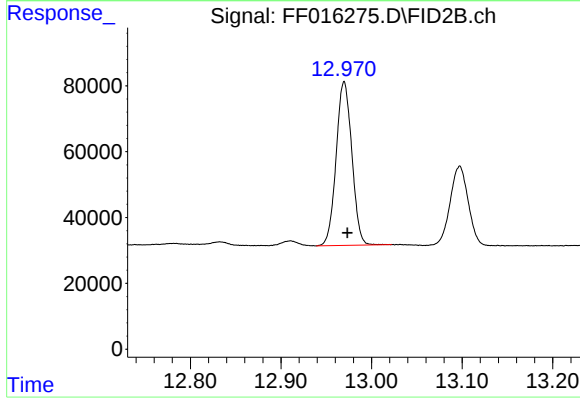
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 543003
Conc: 4.19 ug/ml



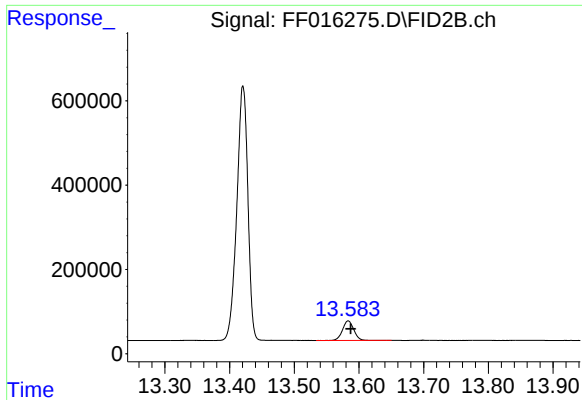
#9 ortho-Terphenyl (SURR)

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



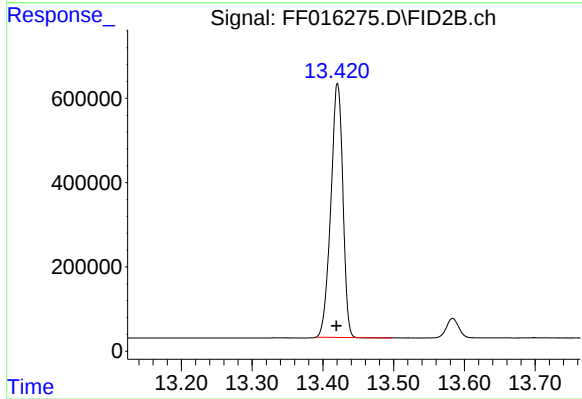
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: -0.004 min
Response: 599190
Conc: 4.69 ug/ml



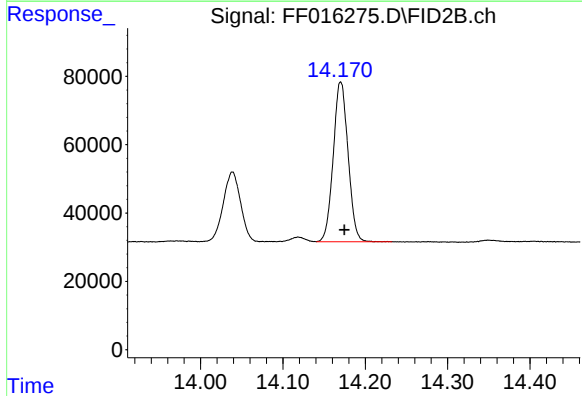
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: -0.004 min
Response: 563086
Conc: 4.43 ug/ml



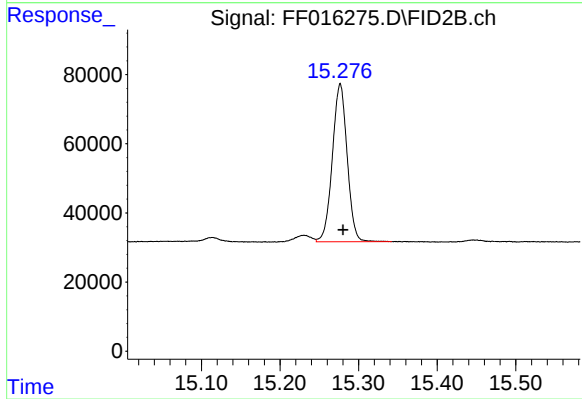
#12 1-chlorooctadecane (SURR)

R.T.: 13.421 min
Delta R.T.: 0.002 min
Response: 7107915
Conc: 63.72 ug/ml



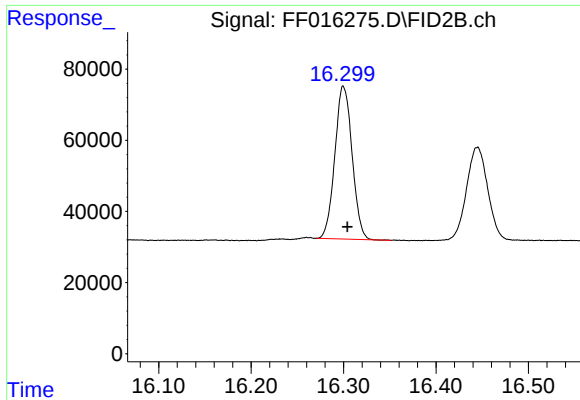
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: -0.004 min
Response: 584078
Conc: 4.60 ug/ml



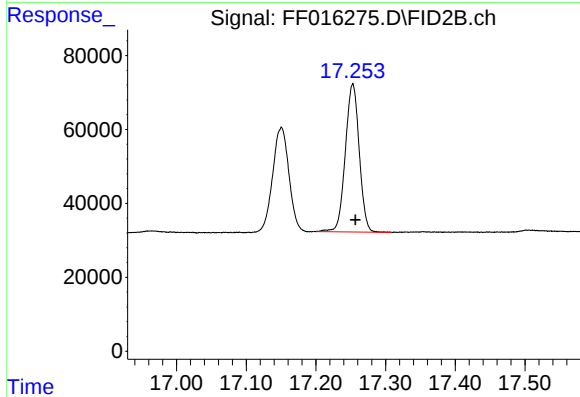
#14 n-Tetracosane (C24)

R.T.: 15.277 min
Delta R.T.: -0.004 min
Response: 597470
Conc: 4.67 ug/ml



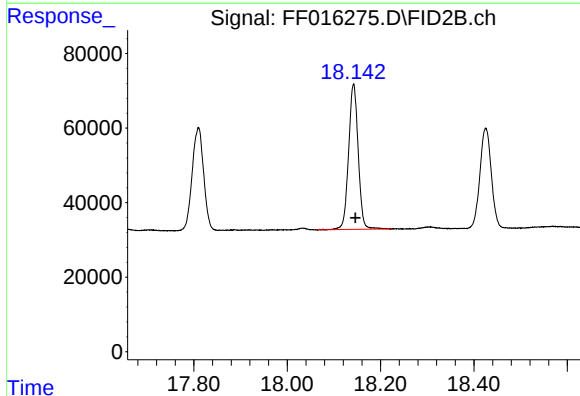
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: -0.004 min
Response: 557590
Conc: 4.46 ug/ml



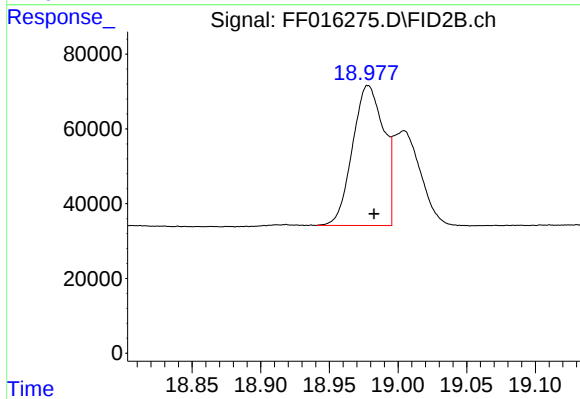
#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: -0.004 min
Response: 554778
Conc: 4.53 ug/ml



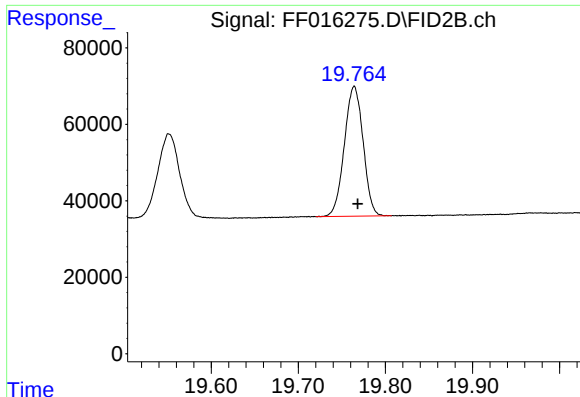
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: -0.004 min
Response: 555701
Conc: 4.46 ug/ml



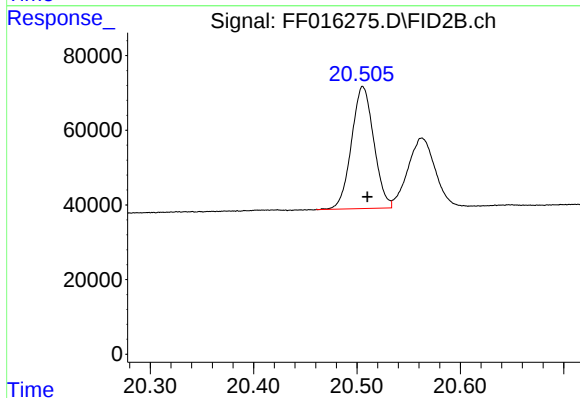
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: -0.004 min
Response: 594258
Conc: 4.93 ug/ml



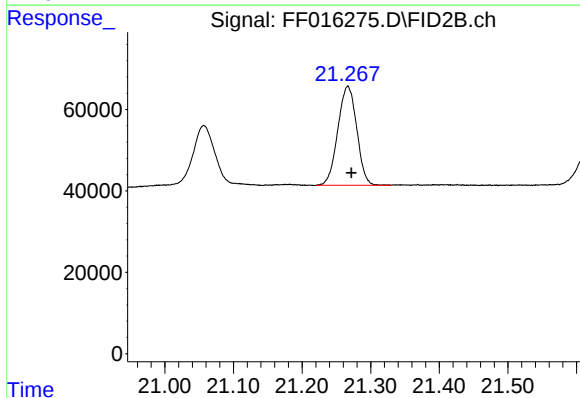
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: -0.004 min
Response: 508245
Conc: 4.66 ug/ml



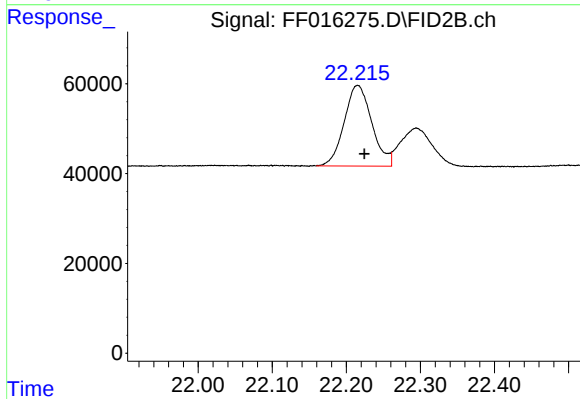
#20 n-Hexatriacontane (C36)

R.T.: 20.506 min
Delta R.T.: -0.004 min
Response: 490727
Conc: 5.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: -0.005 min
Response: 465413
Conc: 5.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: -0.009 min
Response: 467848
Conc: 5.96 ug/ml m