

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082925AL\
 Data File : FF016276.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2025 10:46
 Operator : YP\AJ
 Sample : Q2893-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 01:47:02 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...	13.419	4963339	44.497 ug/ml
Spiked Amount 50.000		Recovery =	88.99%
Target Compounds			
1) T n-Nonane (C9)	3.333	296438	2.536 ug/ml
2) T n-Decane (C10)	4.593	370976	3.132 ug/mlm
4) T n-Dodecane (C12)	6.770	523975	4.365 ug/mlm
6) T n-Tetradecane (C14)	8.603	532244	4.417 ug/ml
7) T n-Hexadecane (C16)	10.213	474714	3.801 ug/ml
8) T n-Octadecane (C18)	11.658	522904	4.037 ug/ml
10) T n-Eicosane (C20)	12.970	576325	4.507 ug/mlm
11) T n-Heneicosane (C21)	13.583	526392	4.146 ug/ml
13) T n-Docosane (C22)	14.171	639282	5.035 ug/ml
14) T n-Tetracosane (C24)	15.276	815522	6.375 ug/ml
15) T n-Hexacosane (C26)	16.299	905426	7.243 ug/ml
16) T n-Octacosane (C28)	17.253	1045357	8.532 ug/ml
17) T n-Tricontane (C30)	18.143	1124509	9.029 ug/mlm
18) T n-Dotriacontane (C32)	18.977	1030765	8.552 ug/mlm
19) T n-Tetratriacontane (C34)	19.764	760614	6.975 ug/ml
20) T n-Hexatriacontane (C36)	20.507	599591	6.424 ug/ml
21) T n-Octatriacontane (C38)	21.266	509959	6.064 ug/ml
22) T n-Tetracontane (C40)	22.215	442772	5.640 ug/ml

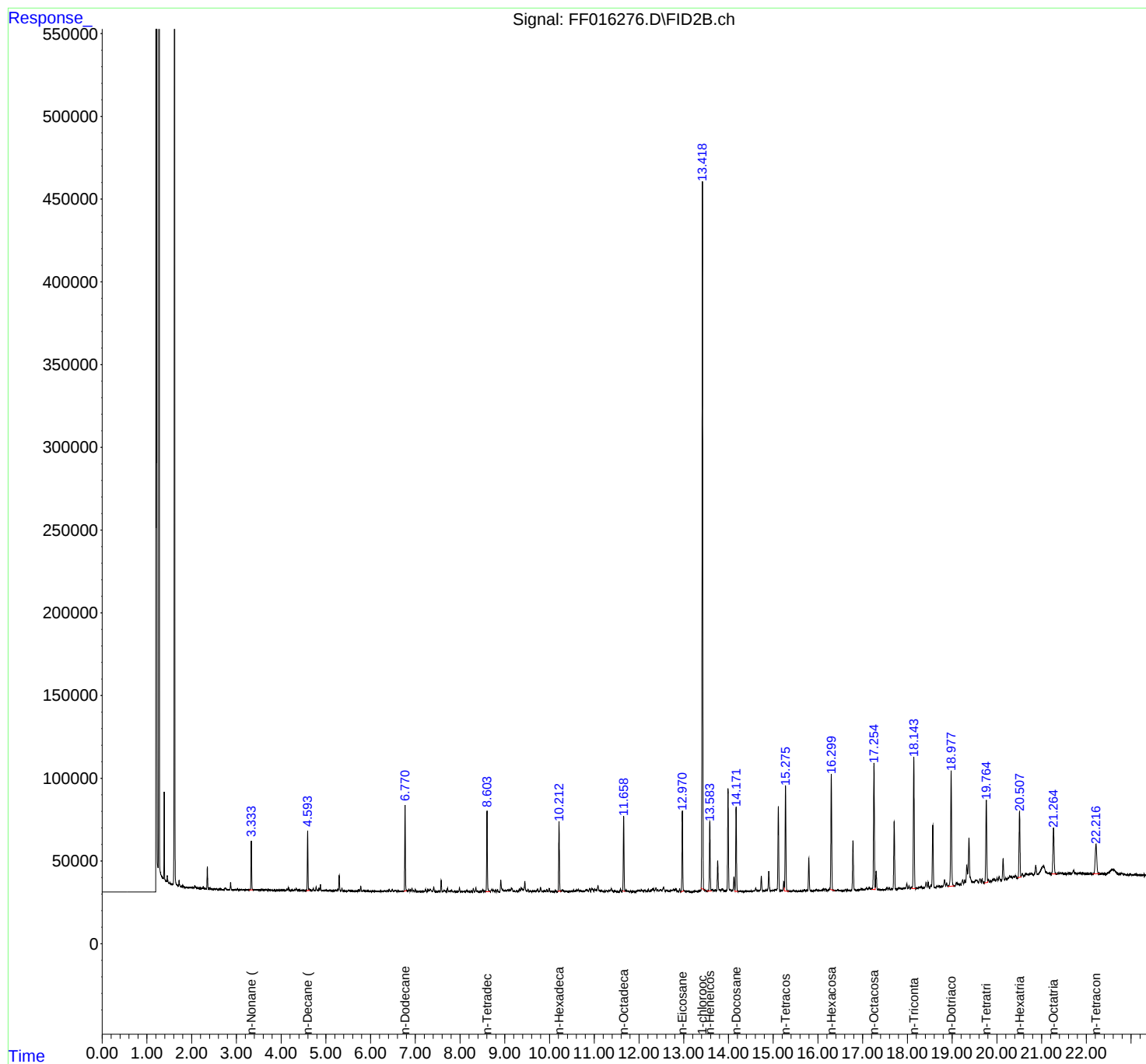
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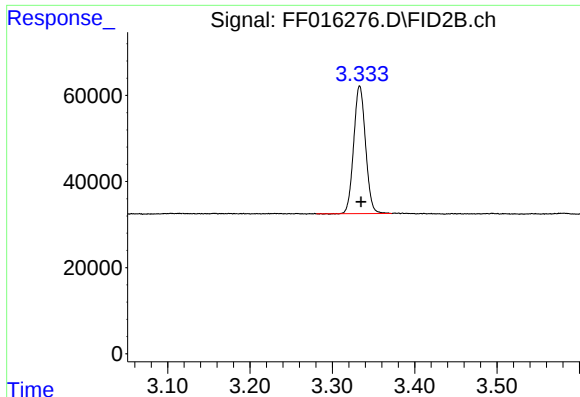
(m)=manual int.

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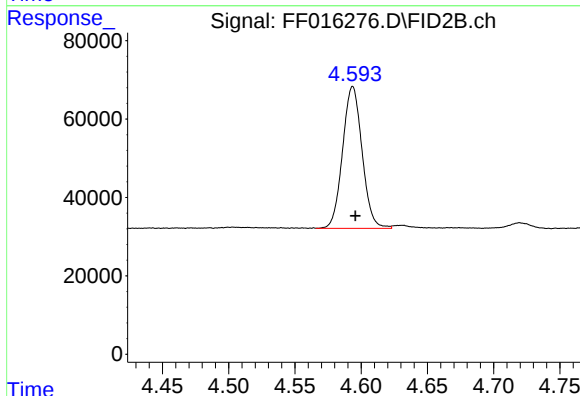
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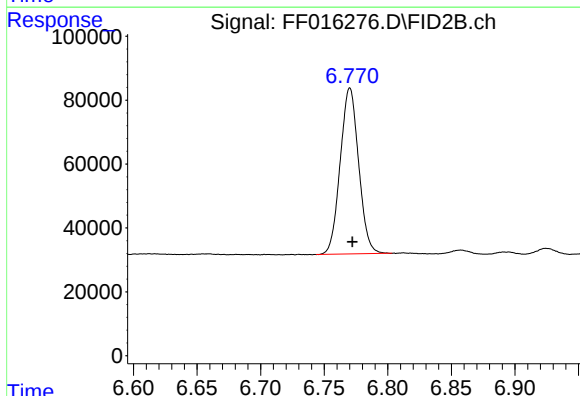
#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 296438
Conc: 2.54 ug/ml



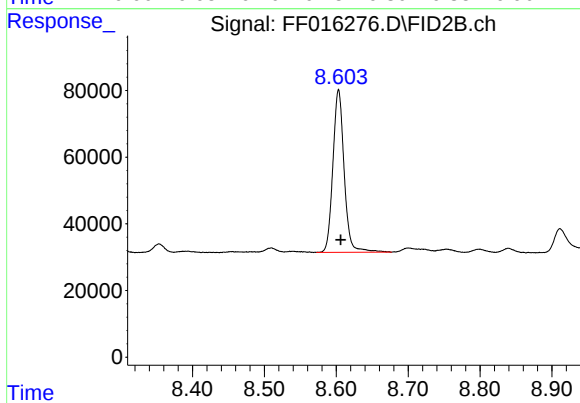
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 370976
Conc: 3.13 ug/ml m



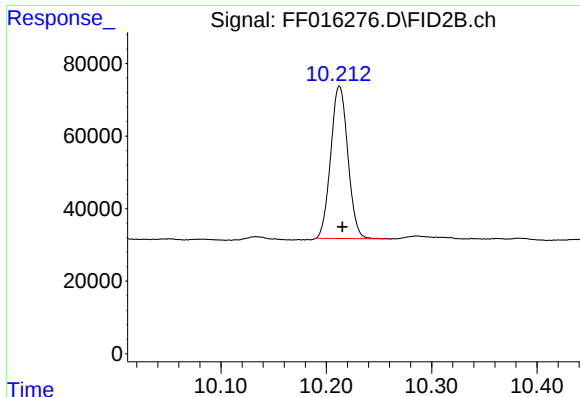
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 523975
Conc: 4.37 ug/ml m



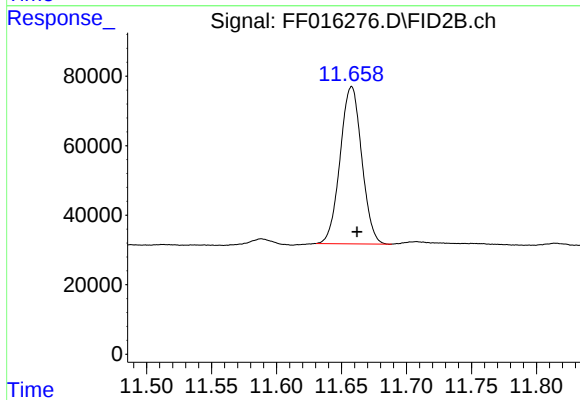
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 532244
Conc: 4.42 ug/ml



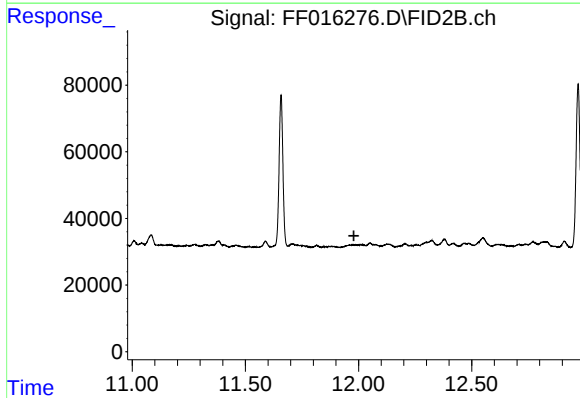
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.003 min
Response: 474714
Conc: 3.80 ug/ml



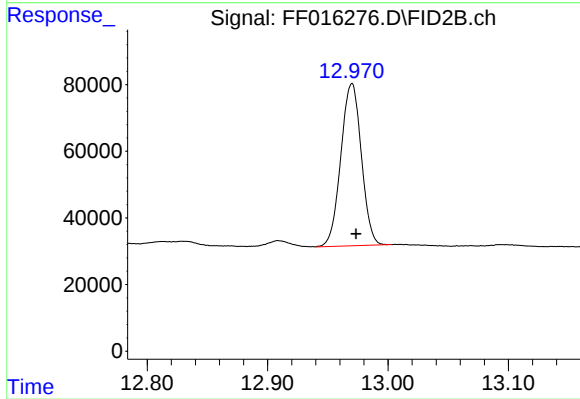
#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 522904
Conc: 4.04 ug/ml



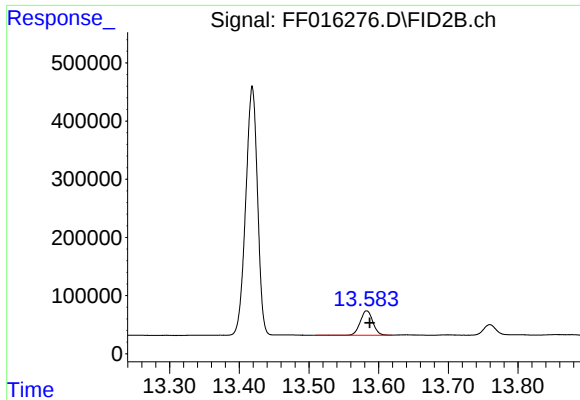
#9 ortho-Terphenyl (SURR)

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



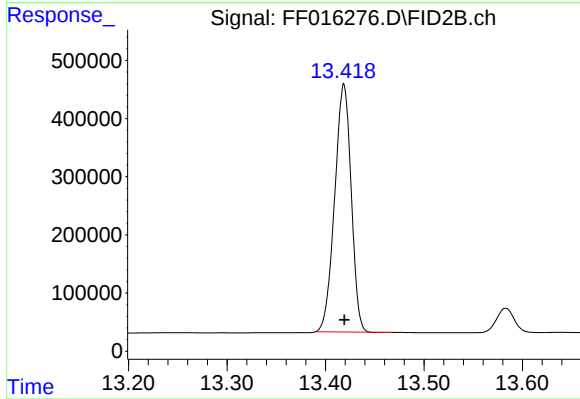
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: -0.004 min
Response: 576325
Conc: 4.51 ug/ml m



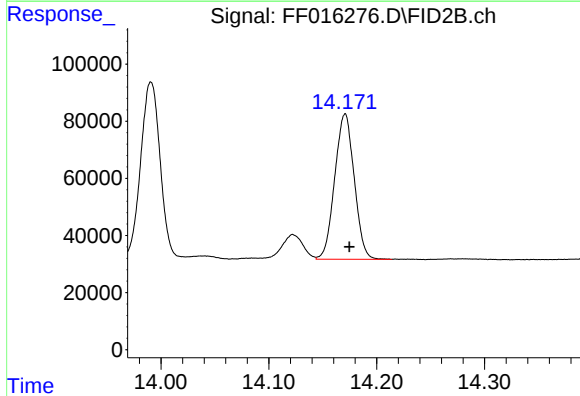
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: -0.004 min
Response: 526392
Conc: 4.15 ug/ml



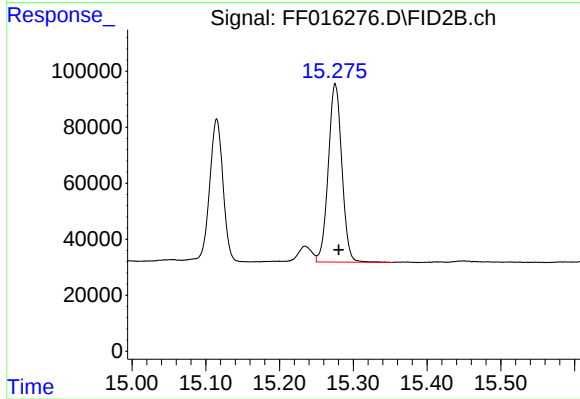
#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.000 min
Response: 4963339
Conc: 44.50 ug/ml



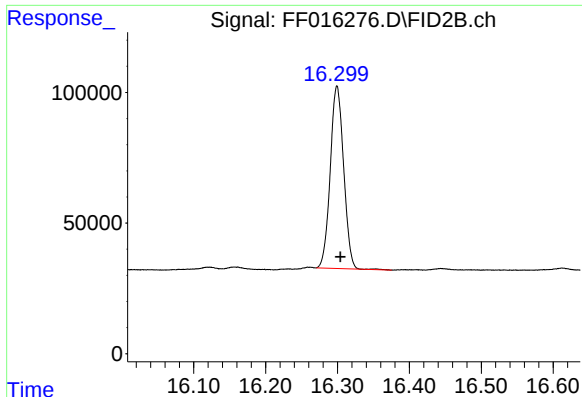
#13 n-Docosane (C22)

R.T.: 14.171 min
Delta R.T.: -0.004 min
Response: 639282
Conc: 5.04 ug/ml



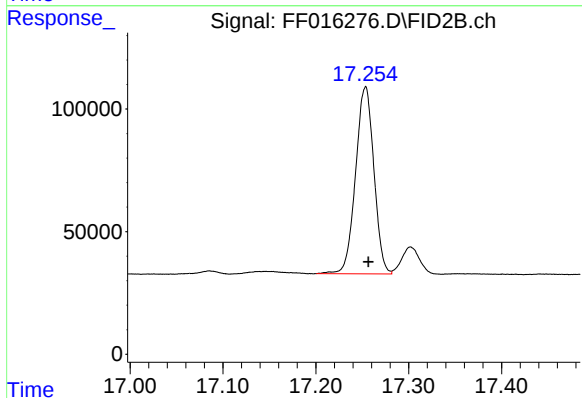
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: -0.004 min
Response: 815522
Conc: 6.38 ug/ml



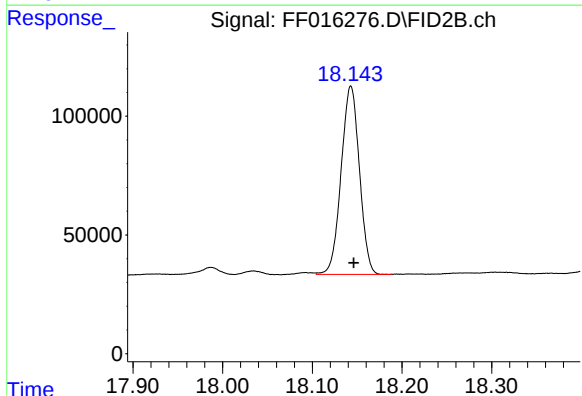
#15 n-Hexacosane (C26)

R.T.: 16.299 min
Delta R.T.: -0.005 min
Response: 905426
Conc: 7.24 ug/ml



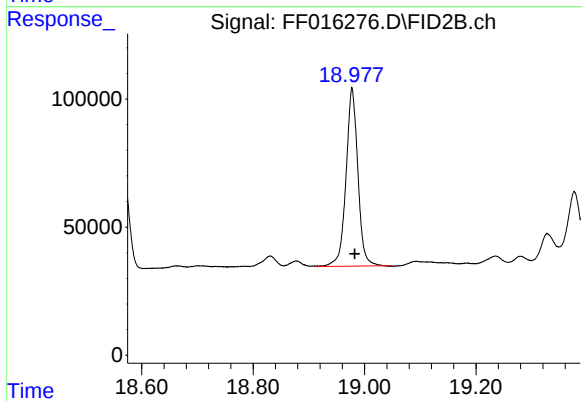
#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: -0.003 min
Response: 1045357
Conc: 8.53 ug/ml



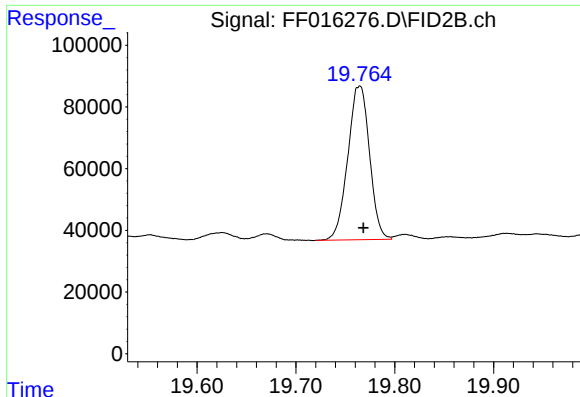
#17 n-Tricontane (C30)

R.T.: 18.143 min
Delta R.T.: -0.004 min
Response: 1124509
Conc: 9.03 ug/ml m



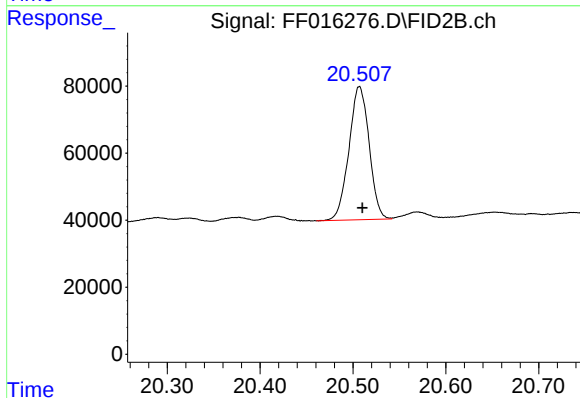
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.006 min
Response: 1030765
Conc: 8.55 ug/ml m



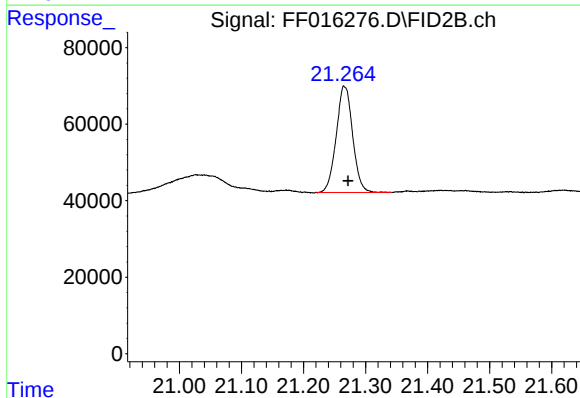
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: -0.004 min
Response: 760614
Conc: 6.97 ug/ml



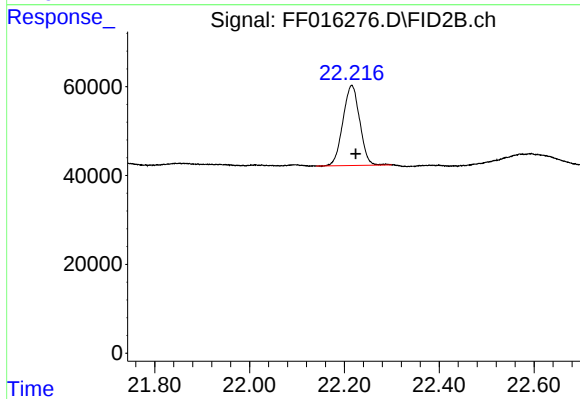
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: -0.003 min
Response: 599591
Conc: 6.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.266 min
Delta R.T.: -0.006 min
Response: 509959
Conc: 6.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: -0.009 min
Response: 442772
Conc: 5.64 ug/ml