

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046596.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 01:33
 Operator : YP\AJ
 Sample : P1187-01
 Misc : ALIPHATIC LOD 2.5 PPM
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 02:25:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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			
9) S ortho-Terphenyl (SURR)	11.815	848846	4.591 ug/ml
Spiked Amount 50.000		Recovery =	9.18%
12) S 1-chlorooctadecane (S...	13.258	4933249	34.674 ug/ml
Spiked Amount 50.000		Recovery =	69.35%
Target Compounds			
1) T n-Nonane (C9)	3.205	228568	1.415 ug/ml
2) T n-Decane (C10)	4.454	291564	1.779 ug/ml
4) T n-Dodecane (C12)	6.622	421204	2.546 ug/ml
6) T n-Tetradecane (C14)	8.447	360454	2.199 ug/ml
7) T n-Hexadecane (C16)	10.057	362042	2.119 ug/ml
8) T n-Octadecane (C18)	11.501	421487	2.418 ug/ml
10) T n-Eicosane (C20)	12.810	450400	2.653 ug/ml
11) T n-Heneicosane (C21)	13.423	435220	2.609 ug/ml
13) T n-Docosane (C22)	14.010	438445	2.647 ug/ml
14) T n-Tetracosane (C24)	15.114	508457	3.081 ug/ml
15) T n-Hexacosane (C26)	16.137	444467	2.754 ug/ml
16) T n-Octacosane (C28)	17.089	491000	3.128 ug/ml
17) T n-Tricontane (C30)	17.978	453015	2.892 ug/ml
18) T n-Dotriacontane (C32)	18.811	442578	2.928 ug/ml
19) T n-Tetratriacontane (C34)	19.597	432651	3.050 ug/ml
20) T n-Hexatriacontane (C36)	20.341	458974	3.330 ug/ml
21) T n-Octatriacontane (C38)	21.067	547300	4.269 ug/ml
22) T n-Tetracontane (C40)	21.954	660622	5.283 ug/ml

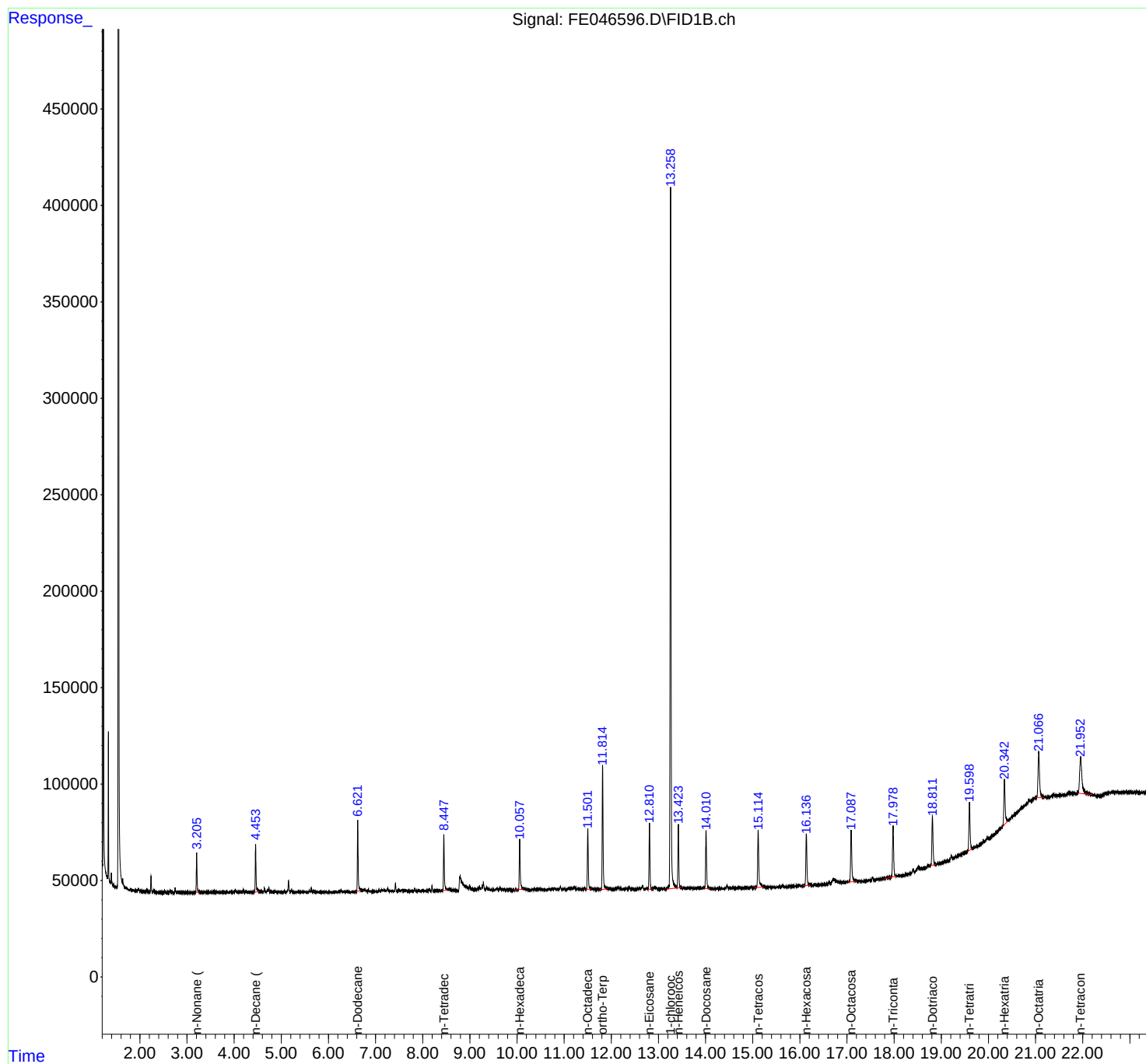
(f)=RT Delta > 1/2 Window

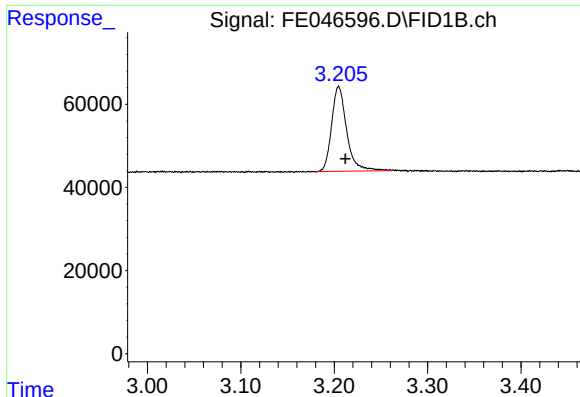
(m)=manual int.

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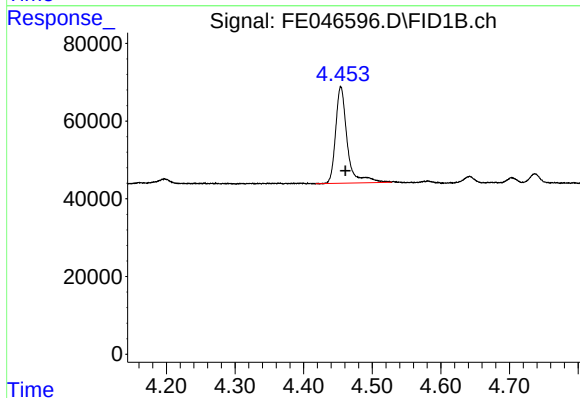
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





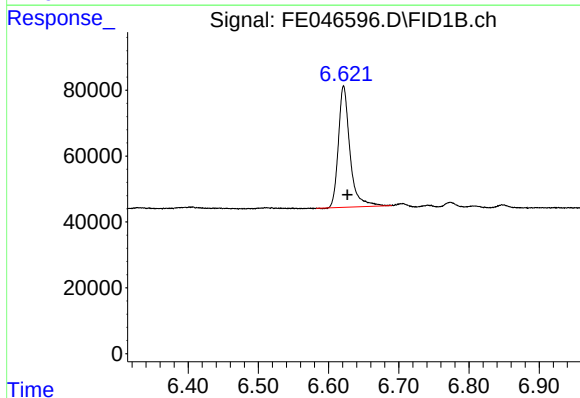
#1 n-Nonane (C9)

R.T.: 3.205 min
Delta R.T.: -0.007 min
Response: 228568
Conc: 1.42 ug/ml



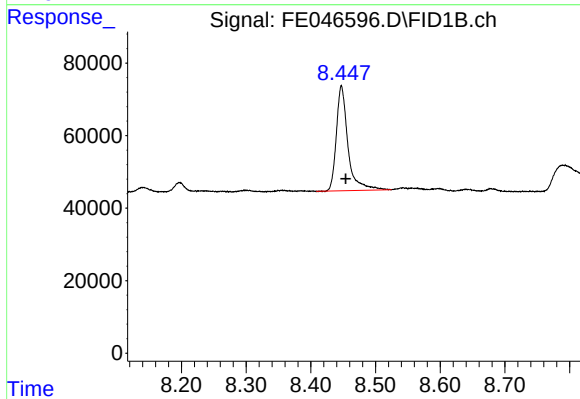
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.006 min
Response: 291564
Conc: 1.78 ug/ml



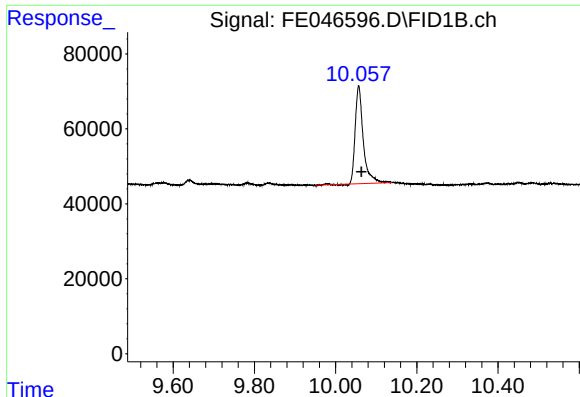
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 421204
Conc: 2.55 ug/ml



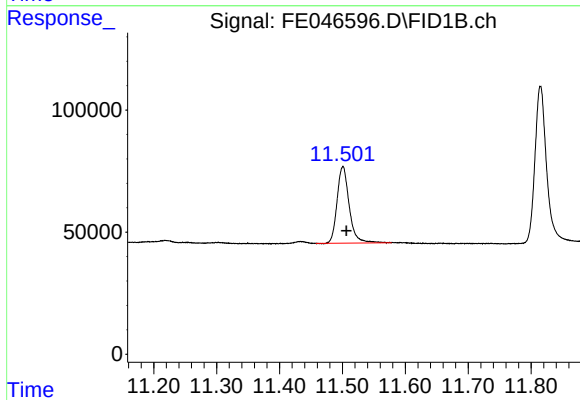
#6 n-Tetradecane (C14)

R.T.: 8.447 min
Delta R.T.: -0.007 min
Response: 360454
Conc: 2.20 ug/ml



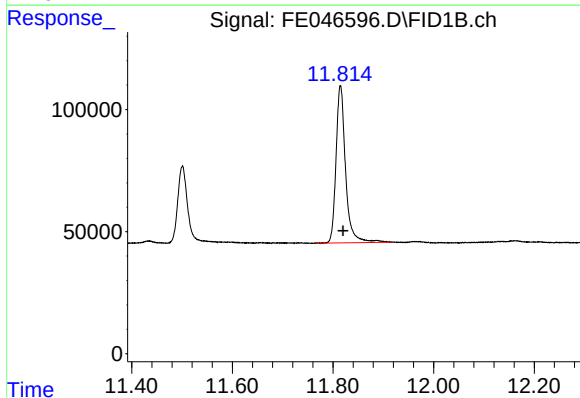
#7 n-Hexadecane (C16)

R.T.: 10.057 min
Delta R.T.: -0.007 min
Response: 362042
Conc: 2.12 ug/ml



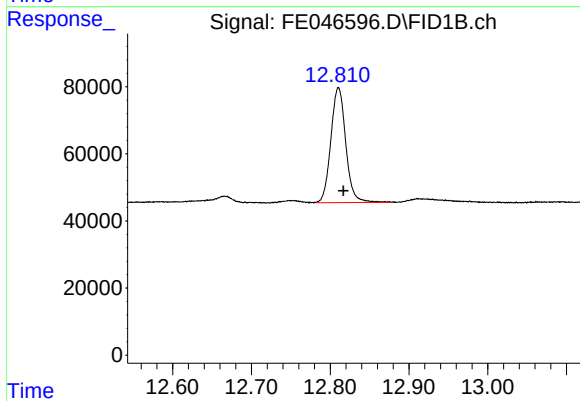
#8 n-Octadecane (C18)

R.T.: 11.501 min
Delta R.T.: -0.006 min
Response: 421487
Conc: 2.42 ug/ml



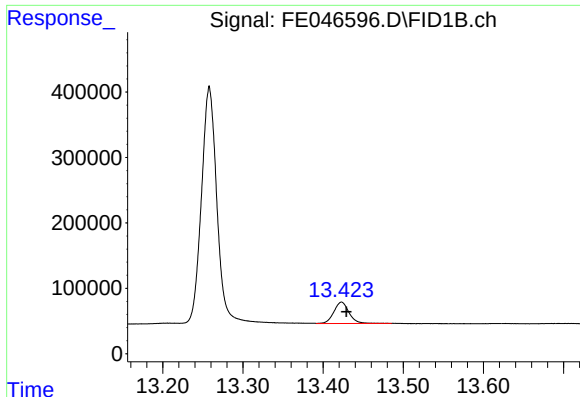
#9 ortho-Terphenyl (SURR)

R.T.: 11.815 min
Delta R.T.: -0.005 min
Response: 848846
Conc: 4.59 ug/ml



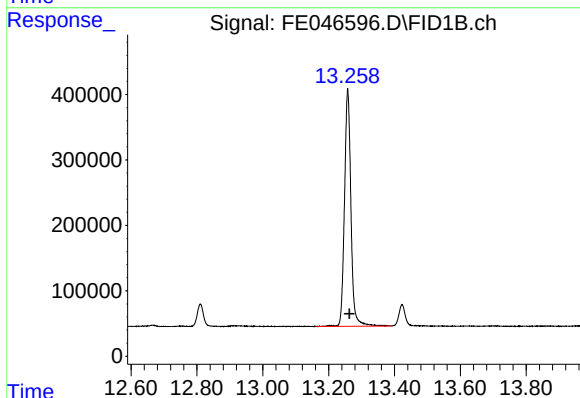
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.006 min
Response: 450400
Conc: 2.65 ug/ml



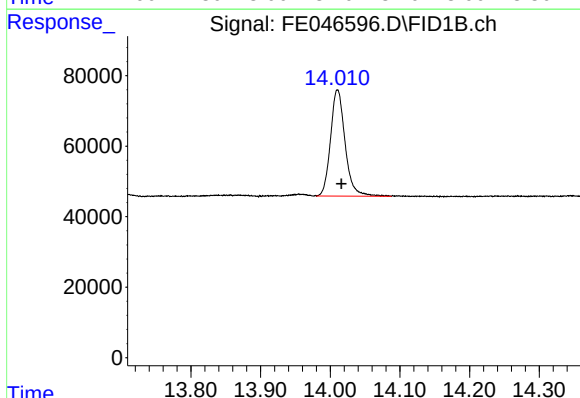
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.006 min
Response: 435220
Conc: 2.61 ug/ml



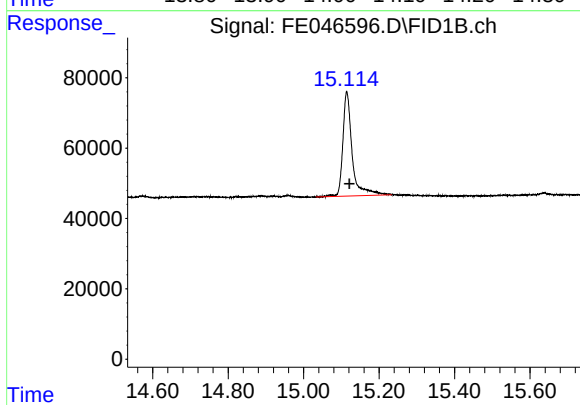
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.006 min
Response: 4933249
Conc: 34.67 ug/ml



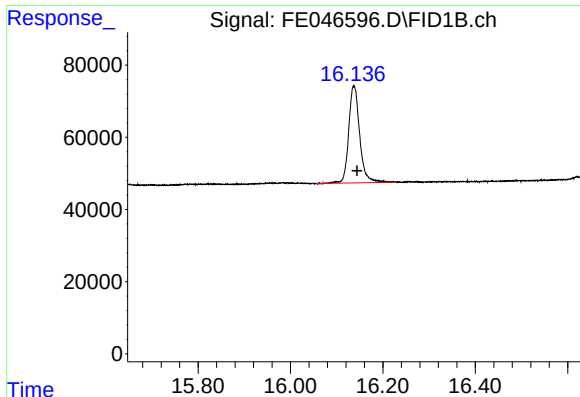
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.006 min
Response: 438445
Conc: 2.65 ug/ml



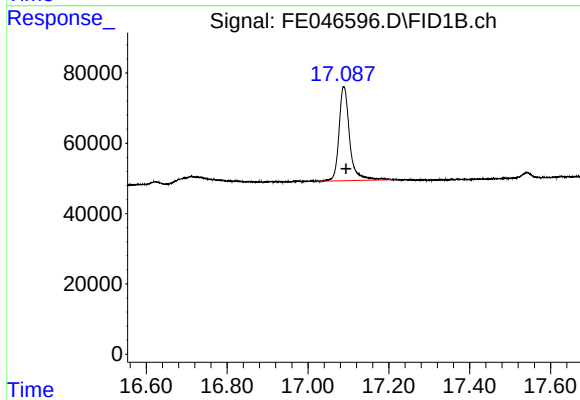
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.007 min
Response: 508457
Conc: 3.08 ug/ml



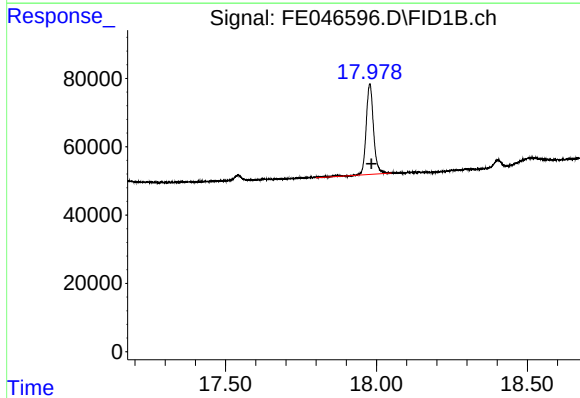
#15 n-Hexacosane (C26)

R.T.: 16.137 min
Delta R.T.: -0.007 min
Response: 444467
Conc: 2.75 ug/ml



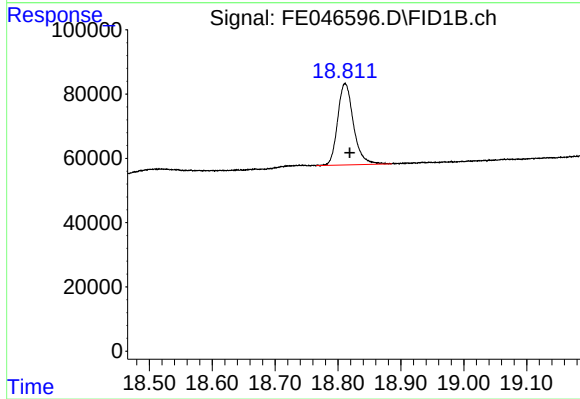
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.006 min
Response: 491000
Conc: 3.13 ug/ml



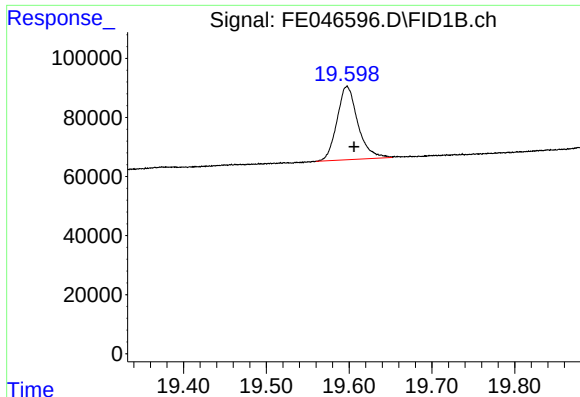
#17 n-Tricontane (C30)

R.T.: 17.978 min
Delta R.T.: -0.005 min
Response: 453015
Conc: 2.89 ug/ml



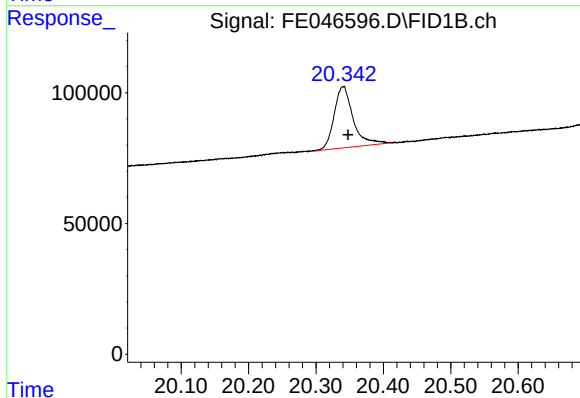
#18 n-Dotriacontane (C32)

R.T.: 18.811 min
Delta R.T.: -0.007 min
Response: 442578
Conc: 2.93 ug/ml



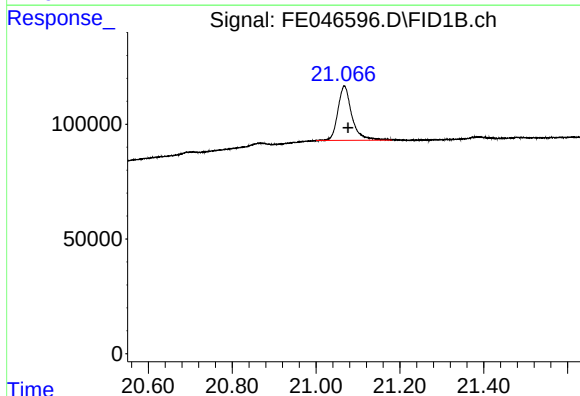
#19 n-Tetratriacontane (C34)

R.T.: 19.597 min
Delta R.T.: -0.009 min
Response: 432651
Conc: 3.05 ug/ml



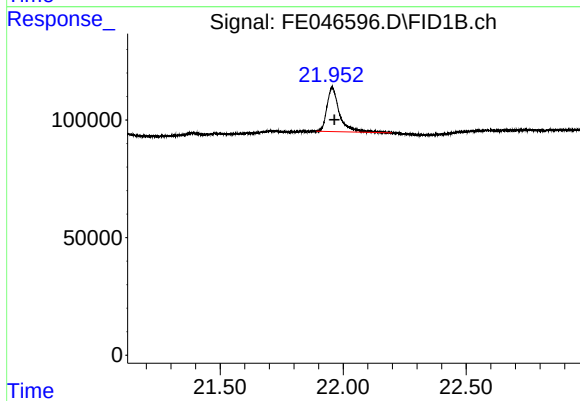
#20 n-Hexatriacontane (C36)

R.T.: 20.341 min
Delta R.T.: -0.007 min
Response: 458974
Conc: 3.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.067 min
Delta R.T.: -0.009 min
Response: 547300
Conc: 4.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.010 min
Response: 660622
Conc: 5.28 ug/ml