

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046600.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 03:34
 Operator : YP\AJ
 Sample : P1187-07
 Misc : ALIPHATIC LOD 2.5 PPM
 ALS Vial : 29 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 02:26:20 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)	11.814	788414	4.264 ug/ml
Spiked Amount 50.000		Recovery =	8.53%
12) S 1-chlorooctadecane (S...	13.258	4766780	33.504 ug/ml
Spiked Amount 50.000		Recovery =	67.01%
Target Compounds			
1) T n-Nonane (C9)	3.203	221780	1.373 ug/ml
2) T n-Decane (C10)	4.454	280301	1.710 ug/ml
4) T n-Dodecane (C12)	6.621	397187	2.401 ug/ml
6) T n-Tetradecane (C14)	8.446	343266	2.094 ug/ml
7) T n-Hexadecane (C16)	10.056	356304	2.085 ug/ml
8) T n-Octadecane (C18)	11.500	407551	2.338 ug/ml
10) T n-Eicosane (C20)	12.809	436221	2.569 ug/ml
11) T n-Heneicosane (C21)	13.422	416424	2.497 ug/ml
13) T n-Docosane (C22)	14.010	422910	2.553 ug/ml
14) T n-Tetracosane (C24)	15.114	476481	2.888 ug/ml
15) T n-Hexacosane (C26)	16.136	427572	2.649 ug/ml
16) T n-Octacosane (C28)	17.088	463116	2.950 ug/ml
17) T n-Tricontane (C30)	17.977	426559	2.723 ug/ml
18) T n-Dotriacontane (C32)	18.810	421105	2.786 ug/ml
19) T n-Tetratriacontane (C34)	19.596	413169	2.913 ug/ml
20) T n-Hexatriacontane (C36)	20.338	425723	3.089 ug/ml
21) T n-Octatriacontane (C38)	21.065	511814	3.992 ug/ml
22) T n-Tetracontane (C40)	21.951	588112	4.704 ug/ml

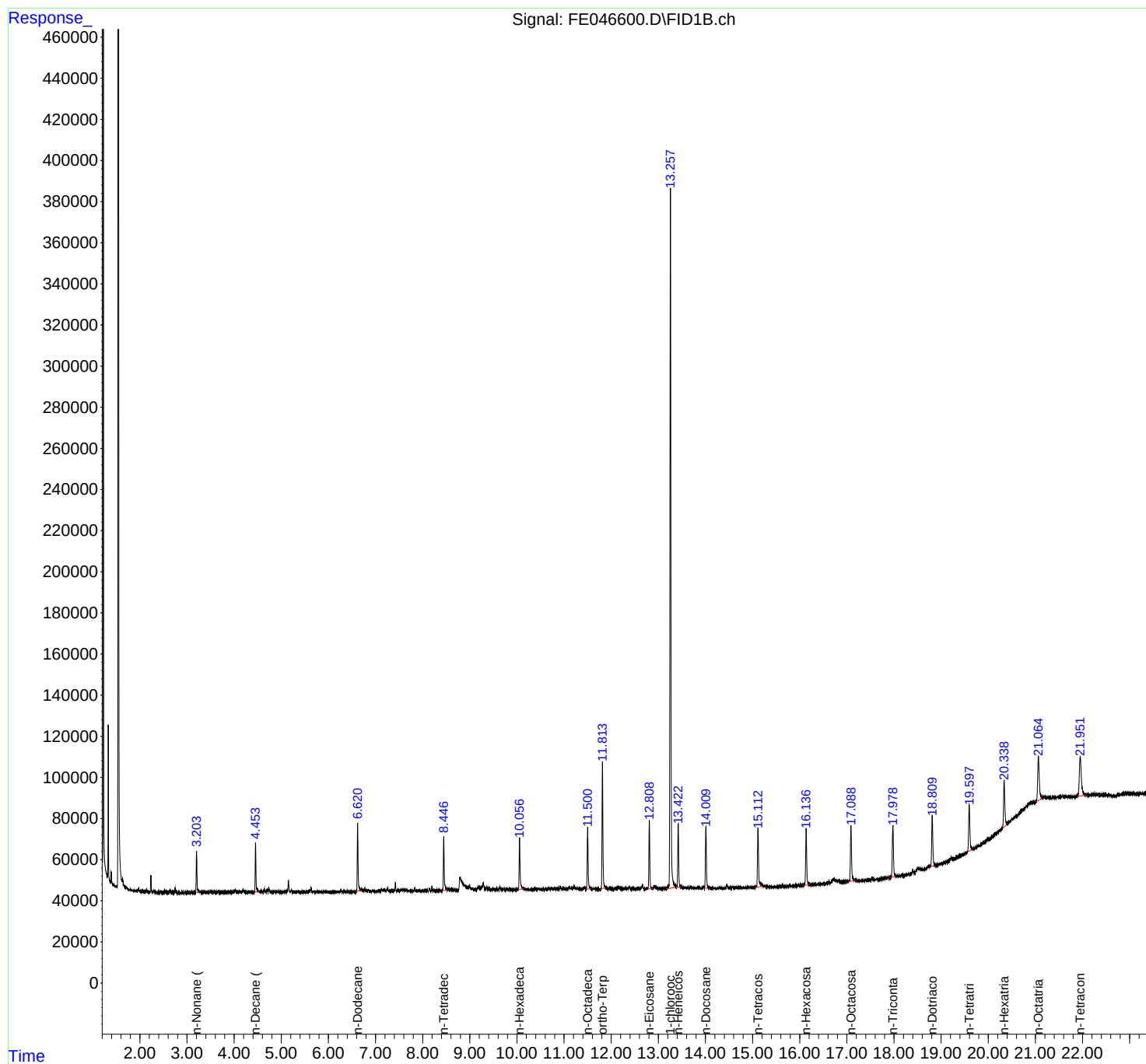
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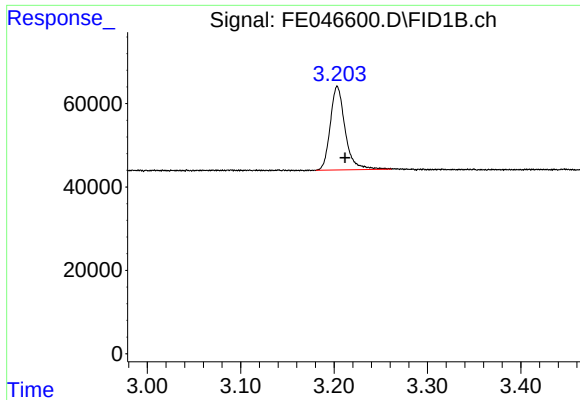
(m)=manual int.

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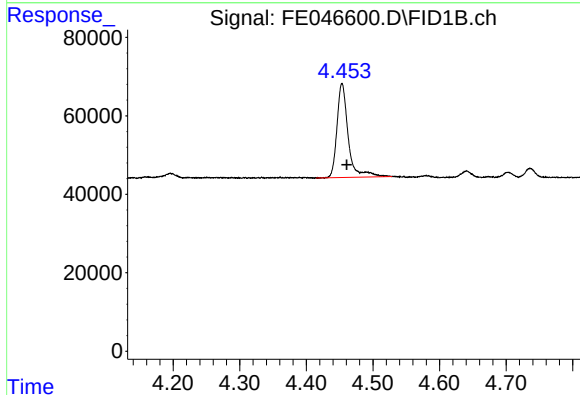
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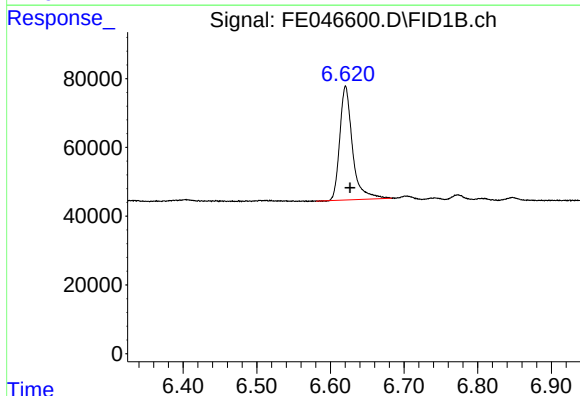
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 221780
Conc: 1.37 ug/ml



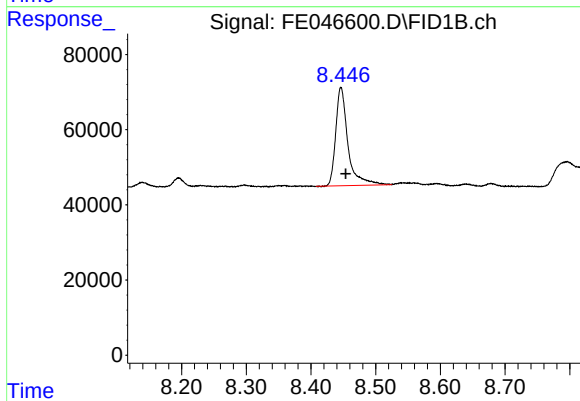
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.007 min
Response: 280301
Conc: 1.71 ug/ml



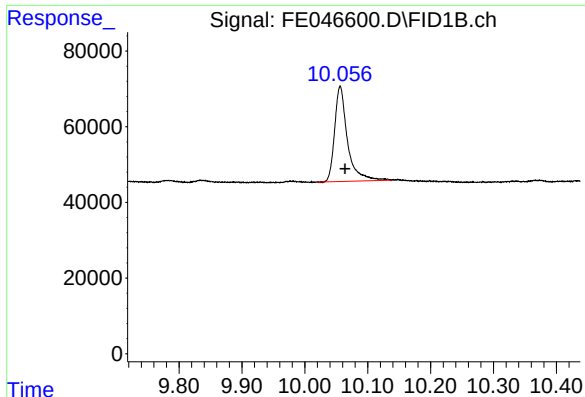
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 397187
Conc: 2.40 ug/ml



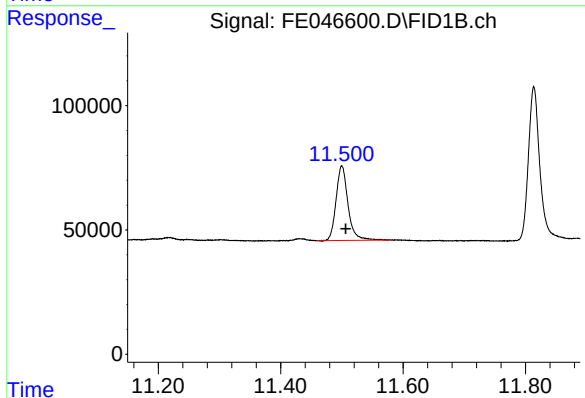
#6 n-Tetradecane (C14)

R.T.: 8.446 min
Delta R.T.: -0.008 min
Response: 343266
Conc: 2.09 ug/ml



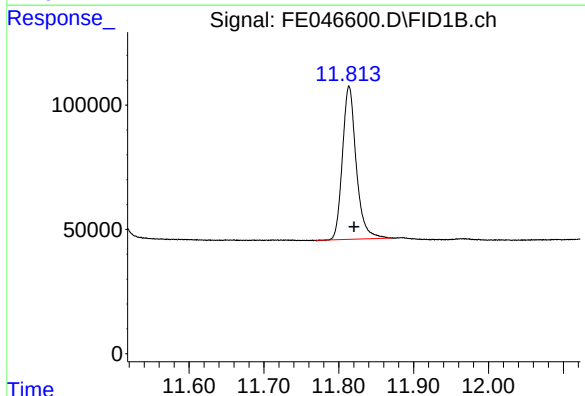
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: -0.008 min
Response: 356304
Conc: 2.09 ug/ml



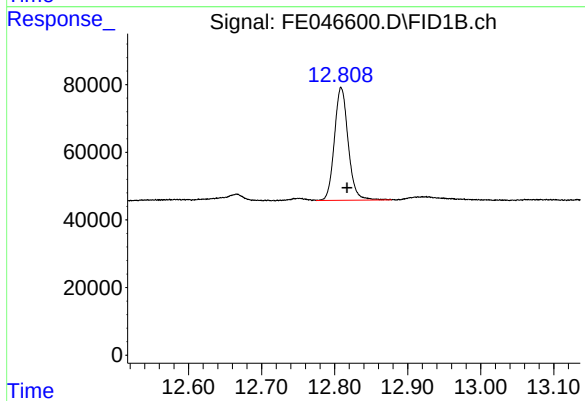
#8 n-Octadecane (C18)

R.T.: 11.500 min
Delta R.T.: -0.006 min
Response: 407551
Conc: 2.34 ug/ml



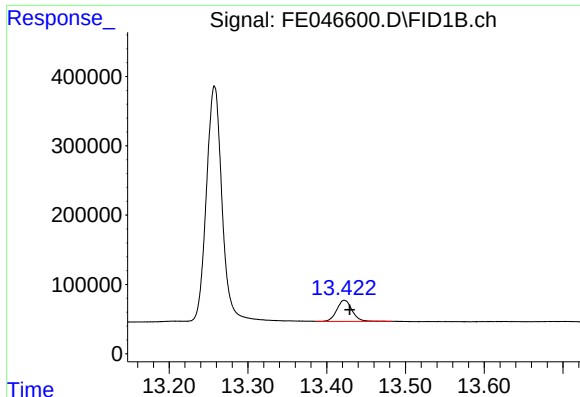
#9 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.006 min
Response: 788414
Conc: 4.26 ug/ml



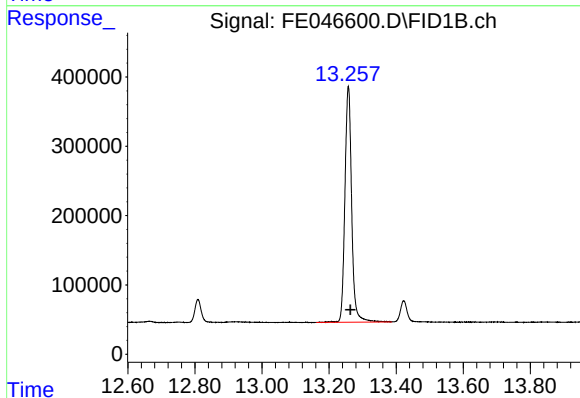
#10 n-Eicosane (C20)

R.T.: 12.809 min
Delta R.T.: -0.008 min
Response: 436221
Conc: 2.57 ug/ml



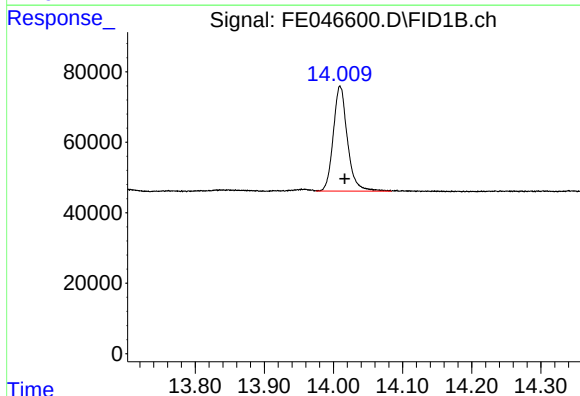
#11 n-Heneicosane (C21)

R.T.: 13.422 min
Delta R.T.: -0.007 min
Response: 416424
Conc: 2.50 ug/ml



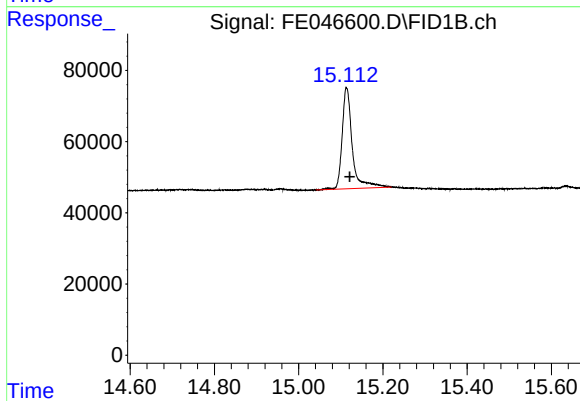
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.006 min
Response: 4766780
Conc: 33.50 ug/ml



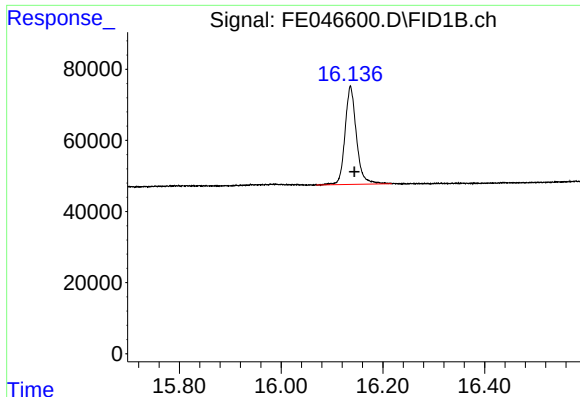
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.006 min
Response: 422910
Conc: 2.55 ug/ml



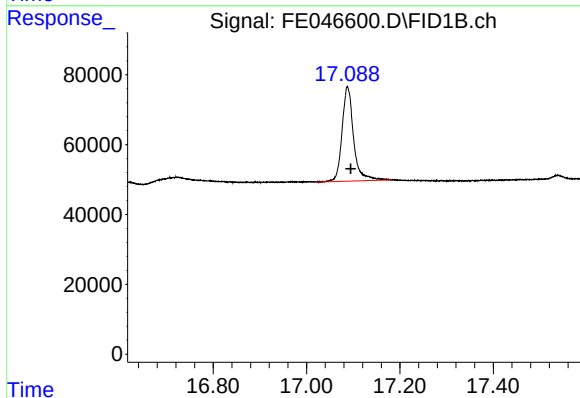
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.008 min
Response: 476481
Conc: 2.89 ug/ml



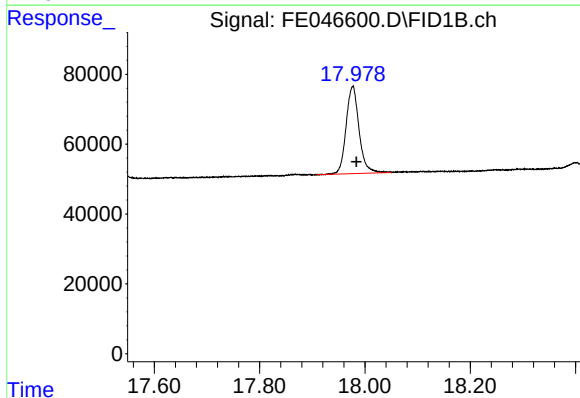
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.007 min
Response: 427572
Conc: 2.65 ug/ml



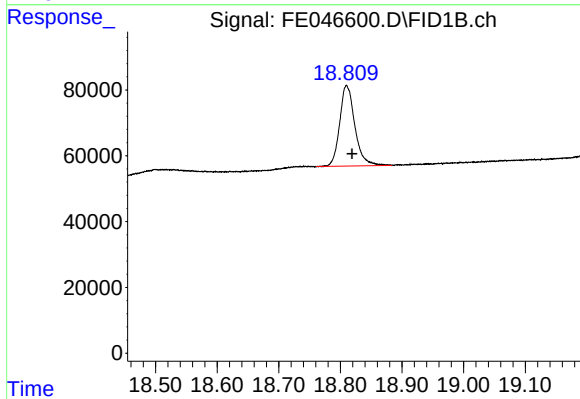
#16 n-Octacosane (C28)

R.T.: 17.088 min
Delta R.T.: -0.007 min
Response: 463116
Conc: 2.95 ug/ml



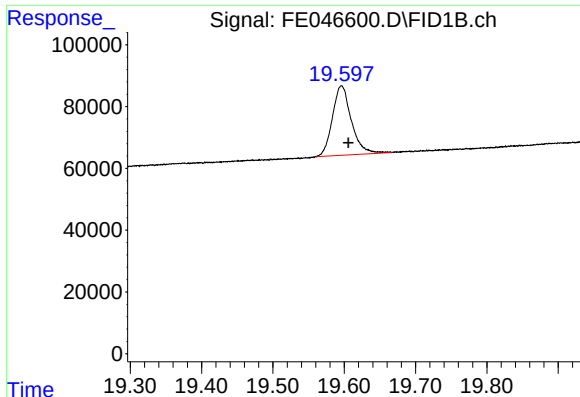
#17 n-Tricontane (C30)

R.T.: 17.977 min
Delta R.T.: -0.007 min
Response: 426559
Conc: 2.72 ug/ml



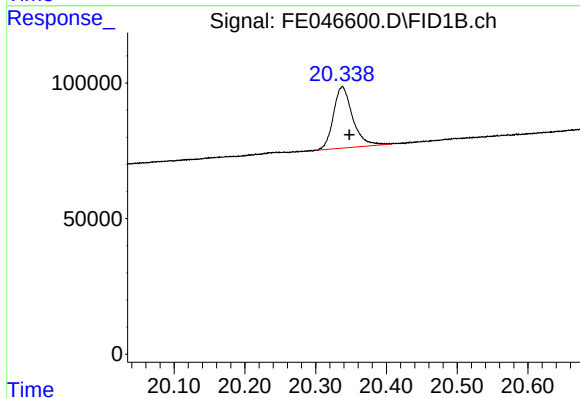
#18 n-Dotriacontane (C32)

R.T.: 18.810 min
Delta R.T.: -0.009 min
Response: 421105
Conc: 2.79 ug/ml



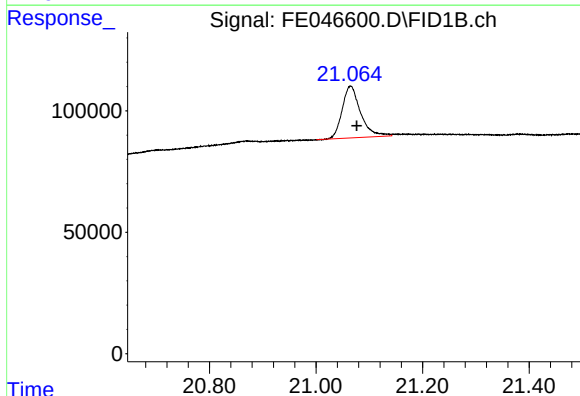
#19 n-Tetratriacontane (C34)

R.T.: 19.596 min
Delta R.T.: -0.010 min
Response: 413169
Conc: 2.91 ug/ml



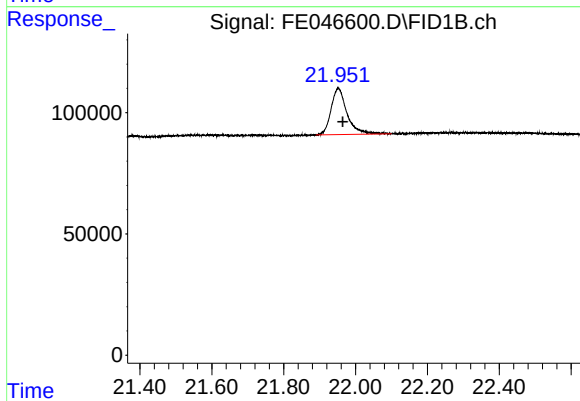
#20 n-Hexatriacontane (C36)

R.T.: 20.338 min
Delta R.T.: -0.010 min
Response: 425723
Conc: 3.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.065 min
Delta R.T.: -0.012 min
Response: 511814
Conc: 3.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.013 min
Response: 588112
Conc: 4.70 ug/ml