

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046601.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 04:05
 Operator : YP\AJ
 Sample : P1187-07
 Misc : ALIPHATIC LOD 4 PPM
 ALS Vial : 30 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 02:26:34 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	144150	0.780 ug/ml
Spiked Amount 50.000		Recovery =	1.56%
12) S 1-chlorooctadecane (S...	13.257	4581748	32.203 ug/ml
Spiked Amount 50.000		Recovery =	64.41%
Target Compounds			
1) T n-Nonane (C9)	3.203	368165	2.279 ug/ml
2) T n-Decane (C10)	4.453	479643	2.927 ug/ml
4) T n-Dodecane (C12)	6.620	604686	3.656 ug/ml
6) T n-Tetradecane (C14)	8.446	568903	3.471 ug/ml
7) T n-Hexadecane (C16)	10.056	585597	3.427 ug/ml
8) T n-Octadecane (C18)	11.500	654860	3.756 ug/ml
10) T n-Eicosane (C20)	12.809	689906	4.063 ug/ml
11) T n-Heneicosane (C21)	13.422	674339	4.043 ug/ml
13) T n-Docosane (C22)	14.010	672195	4.058 ug/ml
14) T n-Tetracosane (C24)	15.113	680137	4.122 ug/ml
15) T n-Hexacosane (C26)	16.136	667872	4.138 ug/ml
16) T n-Octacosane (C28)	17.086	670205	4.269 ug/ml
17) T n-Tricontane (C30)	17.975	658095	4.202 ug/ml
18) T n-Dotriacontane (C32)	18.811	647320	4.282 ug/ml
19) T n-Tetratriacontane (C34)	19.596	619958	4.371 ug/ml
20) T n-Hexatriacontane (C36)	20.336	595784	4.322 ug/ml
21) T n-Octatriacontane (C38)	21.066	543974	4.243 ug/ml
22) T n-Tetracontane (C40)	21.947	529636	4.236 ug/ml

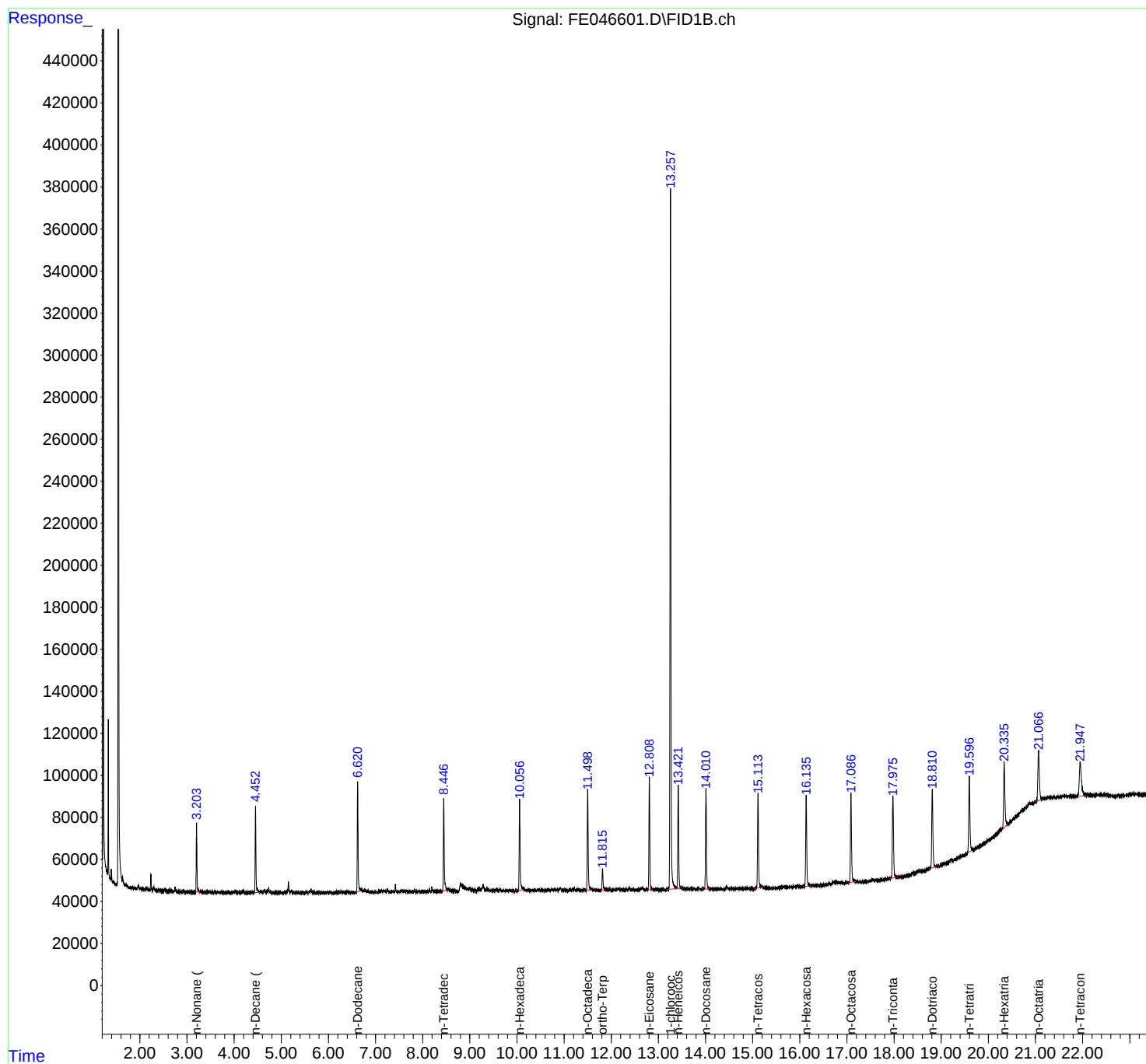
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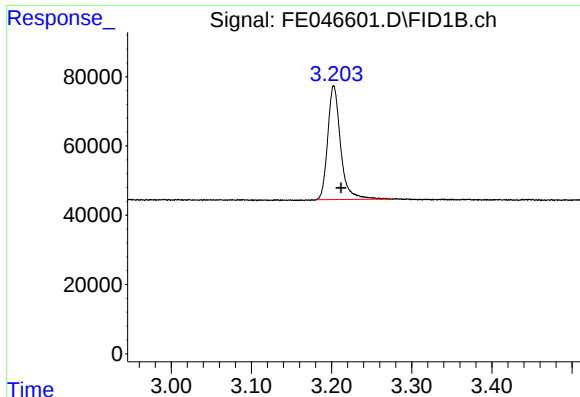
(m)=manual int.

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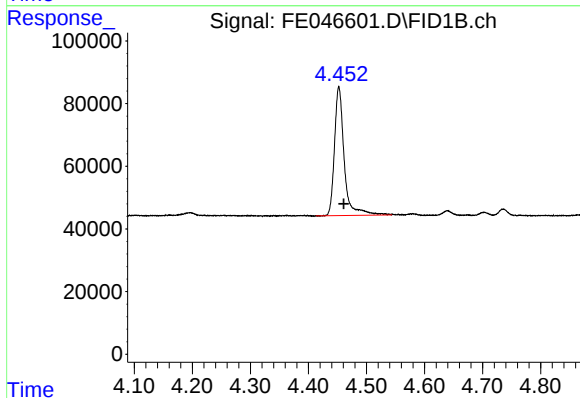
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Signal Info : 20M x 0.18mm x 0.18um





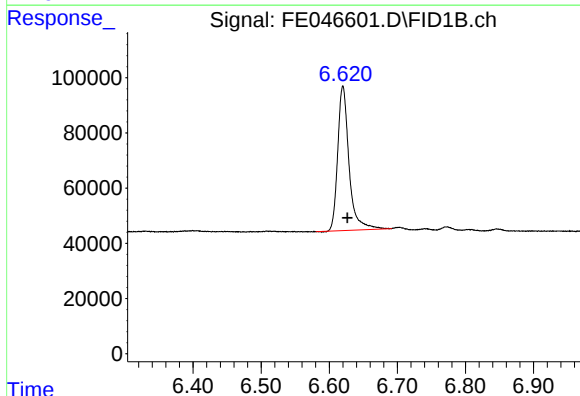
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 368165
Conc: 2.28 ug/ml



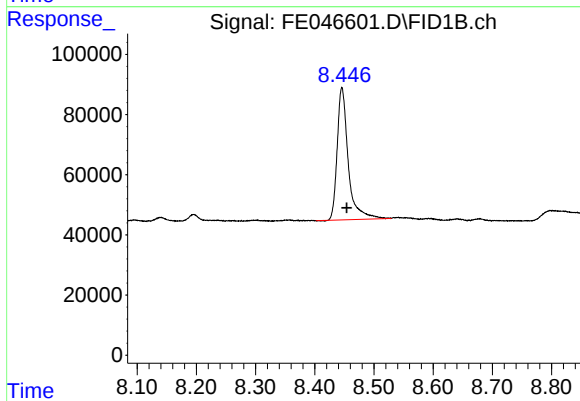
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.008 min
Response: 479643
Conc: 2.93 ug/ml



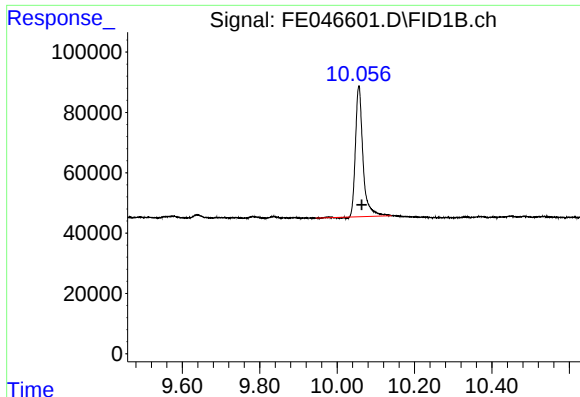
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 604686
Conc: 3.66 ug/ml



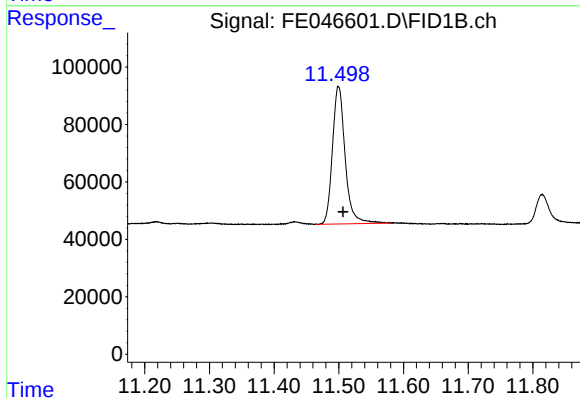
#6 n-Tetradecane (C14)

R.T.: 8.446 min
Delta R.T.: -0.008 min
Response: 568903
Conc: 3.47 ug/ml



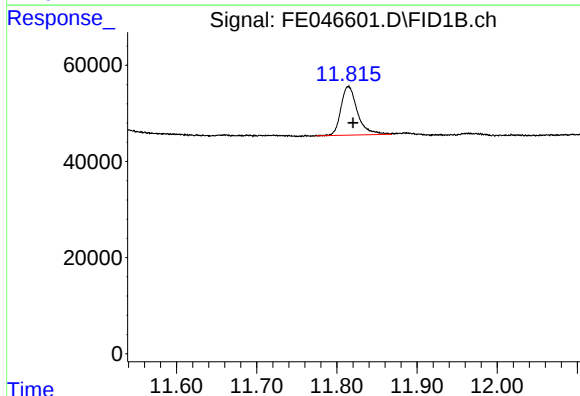
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: -0.008 min
Response: 585597
Conc: 3.43 ug/ml



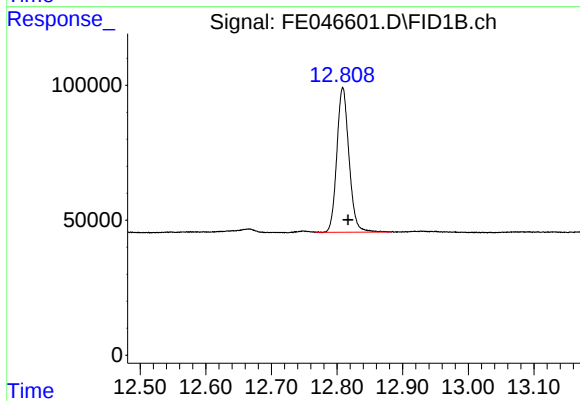
#8 n-Octadecane (C18)

R.T.: 11.500 min
Delta R.T.: -0.007 min
Response: 654860
Conc: 3.76 ug/ml



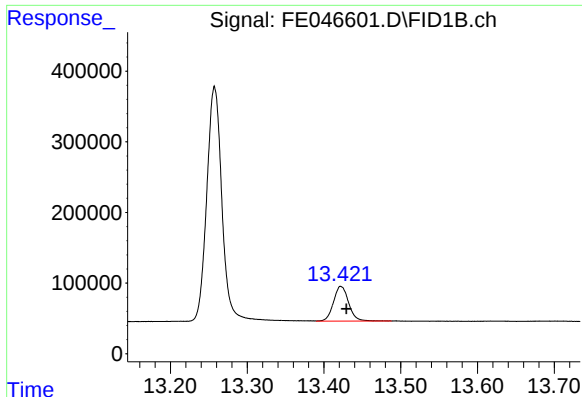
#9 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.006 min
Response: 144150
Conc: 0.78 ug/ml



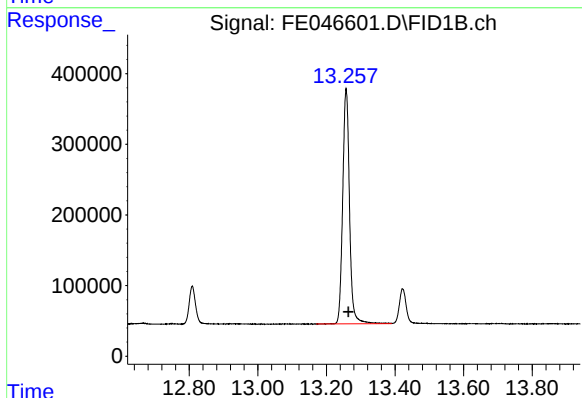
#10 n-Eicosane (C20)

R.T.: 12.809 min
Delta R.T.: -0.008 min
Response: 689906
Conc: 4.06 ug/ml



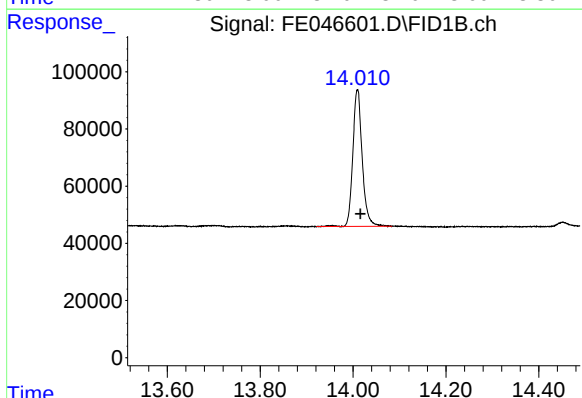
#11 n-Heneicosane (C21)

R.T.: 13.422 min
Delta R.T.: -0.007 min
Response: 674339
Conc: 4.04 ug/ml



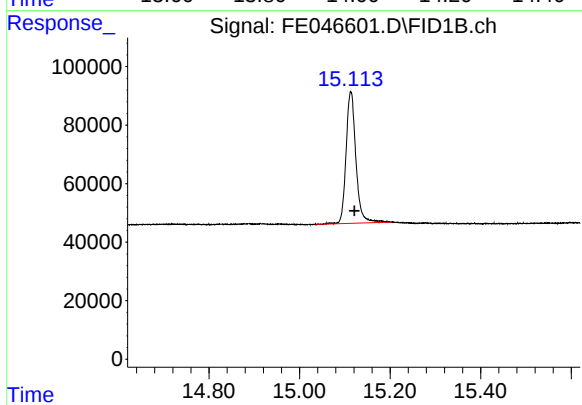
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.006 min
Response: 4581748
Conc: 32.20 ug/ml



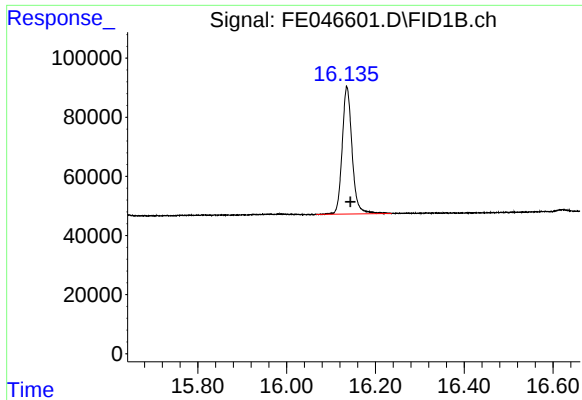
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.006 min
Response: 672195
Conc: 4.06 ug/ml



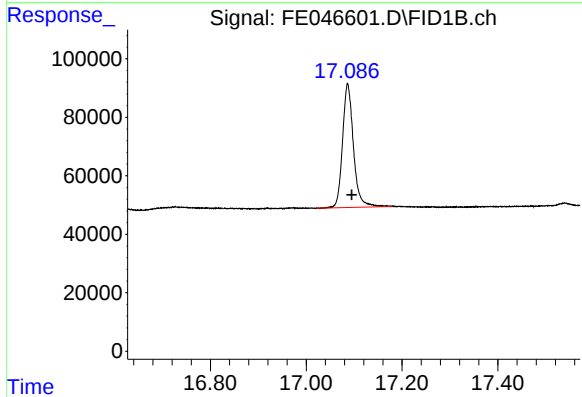
#14 n-Tetracosane (C24)

R.T.: 15.113 min
Delta R.T.: -0.008 min
Response: 680137
Conc: 4.12 ug/ml



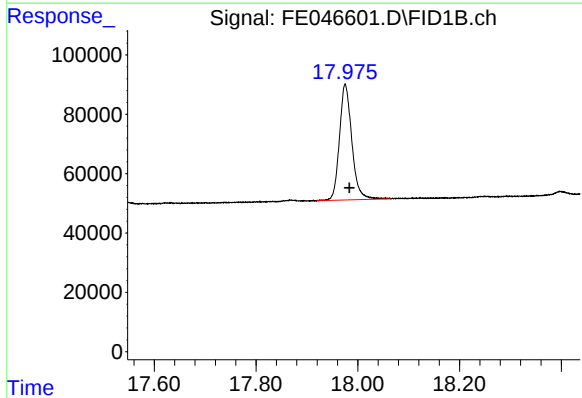
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 667872
Conc: 4.14 ug/ml



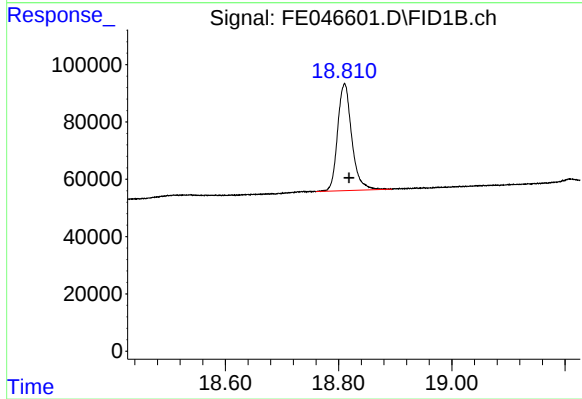
#16 n-Octacosane (C28)

R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 670205
Conc: 4.27 ug/ml



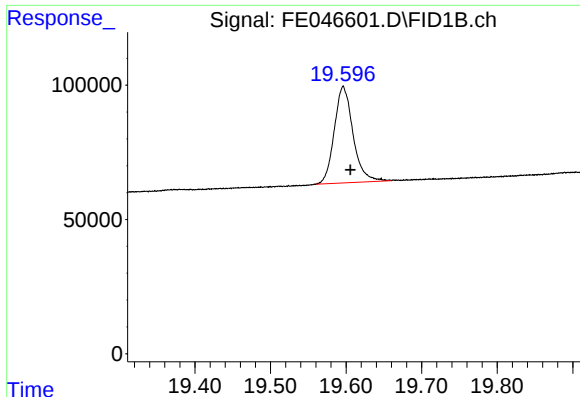
#17 n-Tricontane (C30)

R.T.: 17.975 min
Delta R.T.: -0.008 min
Response: 658095
Conc: 4.20 ug/ml



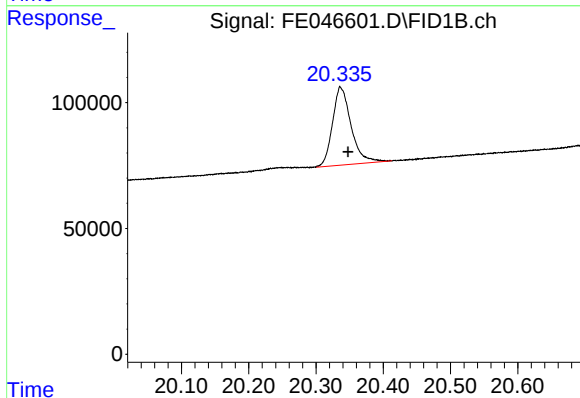
#18 n-Dotriacontane (C32)

R.T.: 18.811 min
Delta R.T.: -0.008 min
Response: 647320
Conc: 4.28 ug/ml



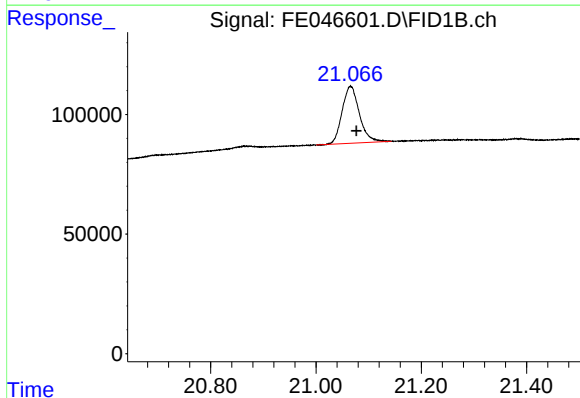
#19 n-Tetratriacontane (C34)

R.T.: 19.596 min
Delta R.T.: -0.010 min
Response: 619958
Conc: 4.37 ug/ml



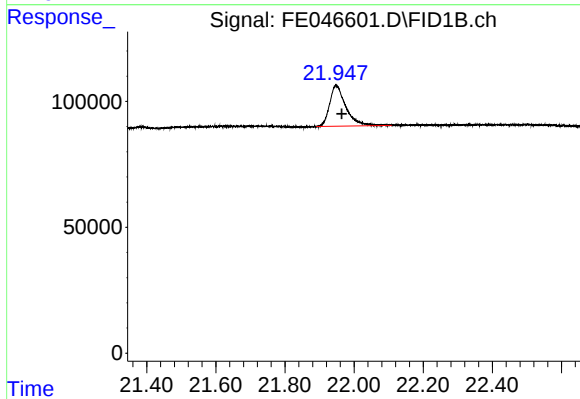
#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.011 min
Response: 595784
Conc: 4.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: -0.011 min
Response: 543974
Conc: 4.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.017 min
Response: 529636
Conc: 4.24 ug/ml