

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046597.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 02:04
 Operator : YP\AJ
 Sample : P1187-01
 Misc : ALIPHATIC LOD 4 PPM
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 03:18:27 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			
12) S 1-chlorooctadecane (S...	13.258	4793995	33.695 ug/ml
Spiked Amount 50.000		Recovery =	67.39%
Target Compounds			
1) T n-Nonane (C9)	3.203	394104	2.440 ug/ml
2) T n-Decane (C10)	4.453	505256	3.083 ug/ml
4) T n-Dodecane (C12)	6.621	643258	3.889 ug/ml
6) T n-Tetradecane (C14)	8.447	602505	3.676 ug/ml
7) T n-Hexadecane (C16)	10.056	613429	3.590 ug/ml
8) T n-Octadecane (C18)	11.499	684103	3.924 ug/ml
10) T n-Eicosane (C20)	12.810	718111	4.230 ug/ml
11) T n-Heneicosane (C21)	13.423	703440	4.218 ug/ml
13) T n-Docosane (C22)	14.010	701632	4.235 ug/ml
14) T n-Tetracosane (C24)	15.114	724422	4.390 ug/ml
15) T n-Hexacosane (C26)	16.136	701694	4.348 ug/ml
16) T n-Octacosane (C28)	17.088	717159	4.568 ug/ml
17) T n-Tricontane (C30)	17.978	705207	4.502 ug/ml
18) T n-Dotriacontane (C32)	18.812	703370	4.653 ug/ml
19) T n-Tetratriacontane (C34)	19.598	679201	4.789 ug/ml
20) T n-Hexatriacontane (C36)	20.339	646706	4.692 ug/ml
21) T n-Octatriacontane (C38)	21.066	642646	5.013 ug/ml
22) T n-Tetracontane (C40)	21.956	575459	4.602 ug/ml

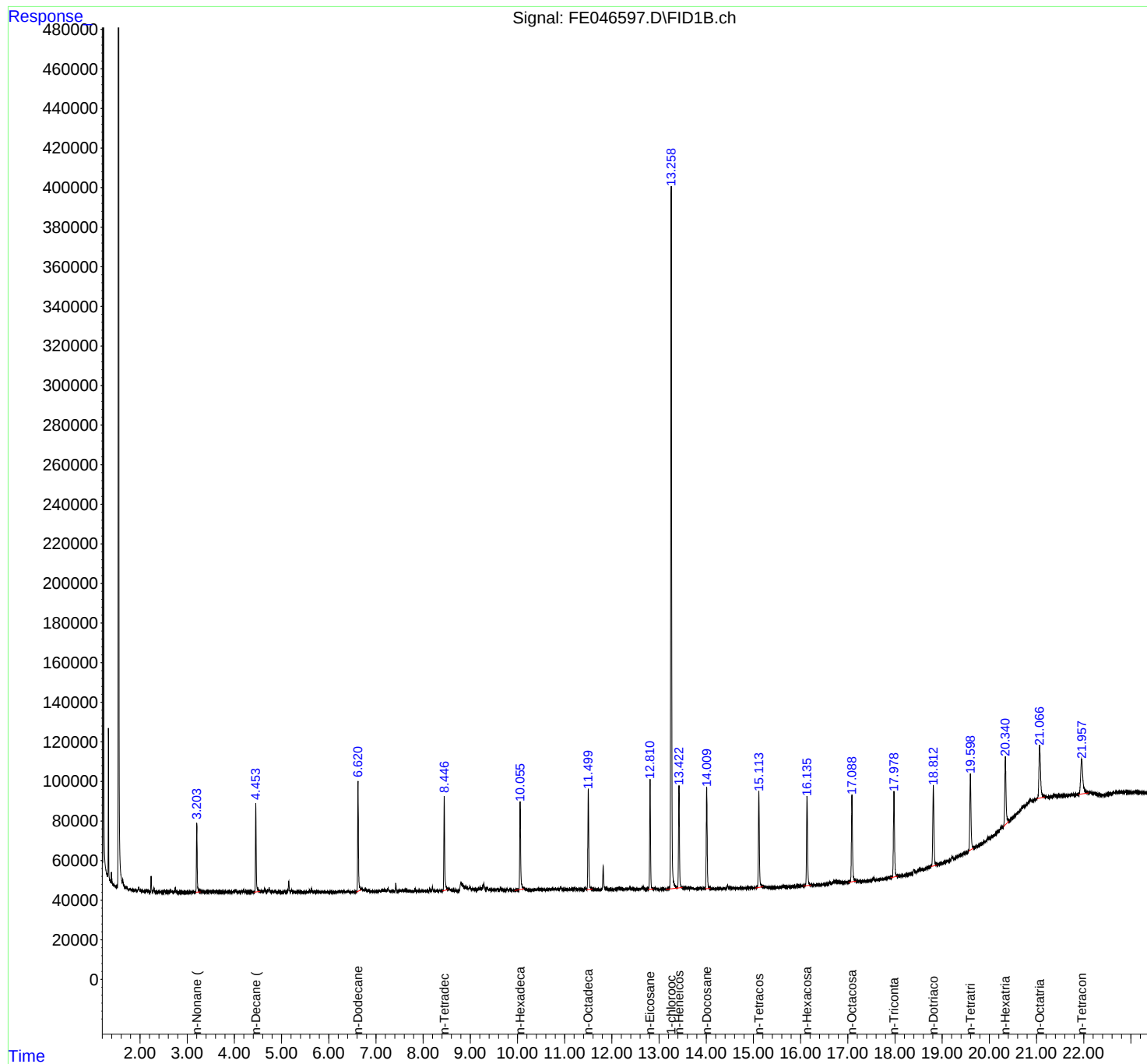
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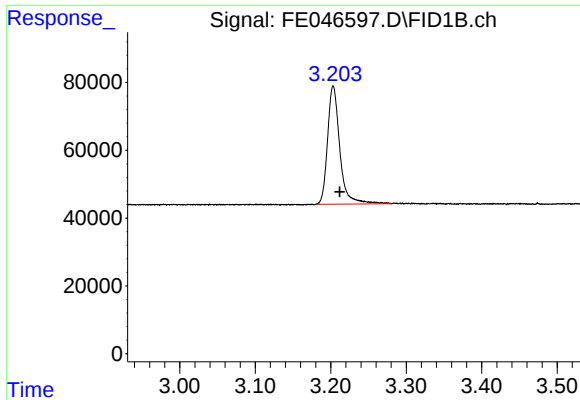
(m)=manual int.

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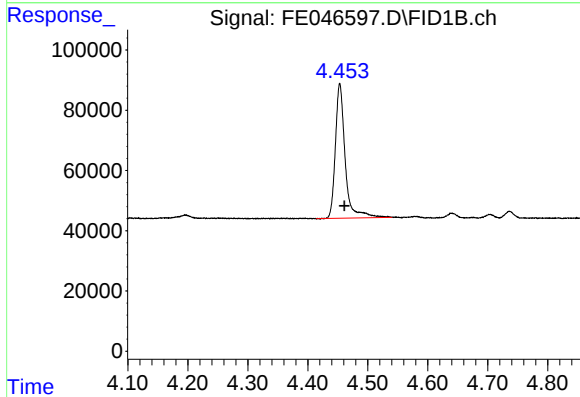
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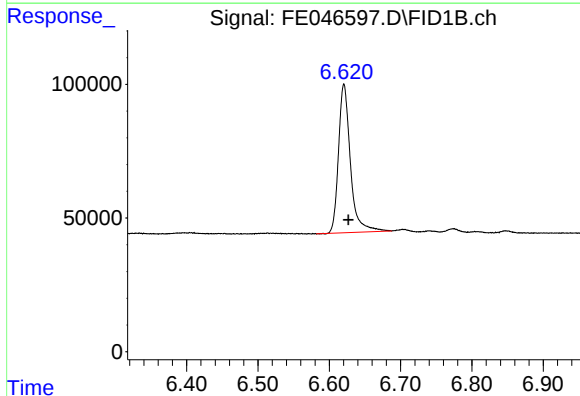
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 394104
Conc: 2.44 ug/ml



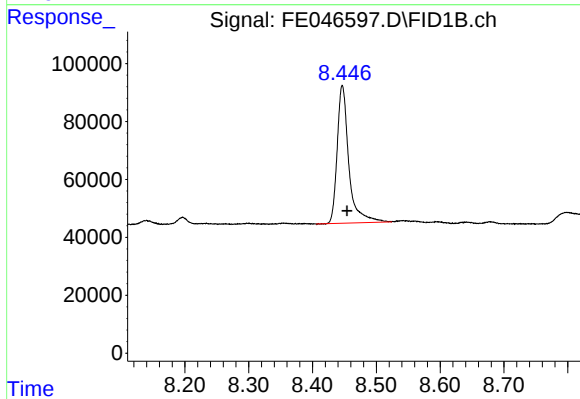
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.007 min
Response: 505256
Conc: 3.08 ug/ml



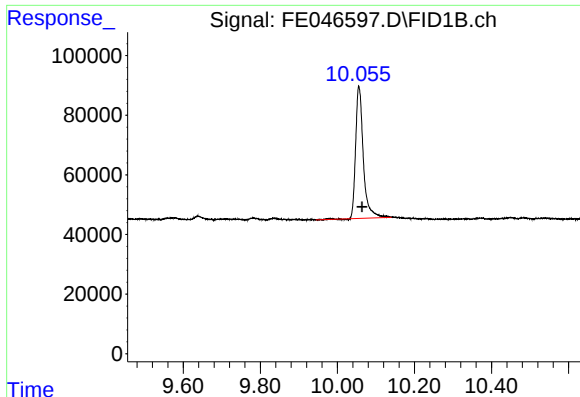
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 643258
Conc: 3.89 ug/ml



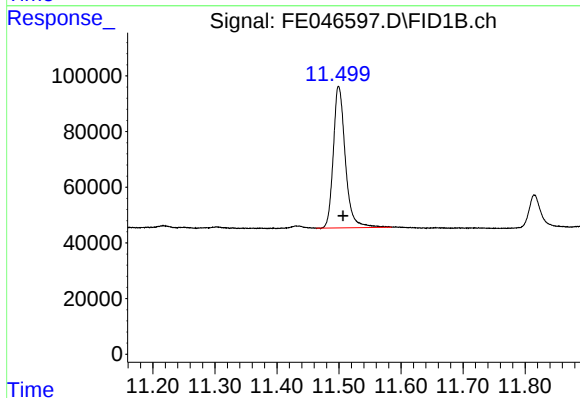
#6 n-Tetradecane (C14)

R.T.: 8.447 min
Delta R.T.: -0.007 min
Response: 602505
Conc: 3.68 ug/ml



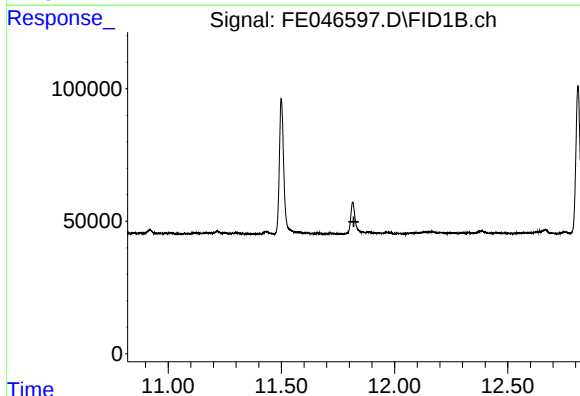
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: -0.008 min
Response: 613429
Conc: 3.59 ug/ml



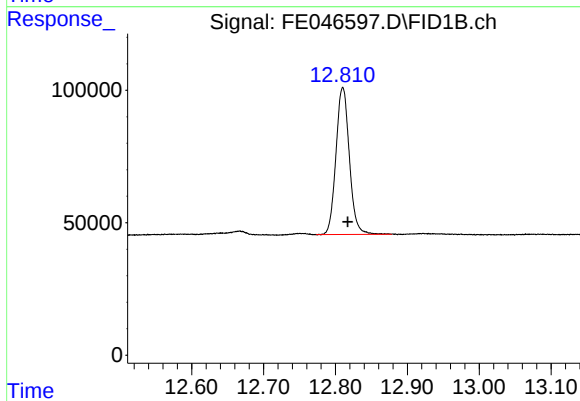
#8 n-Octadecane (C18)

R.T.: 11.499 min
Delta R.T.: -0.007 min
Response: 684103
Conc: 3.92 ug/ml



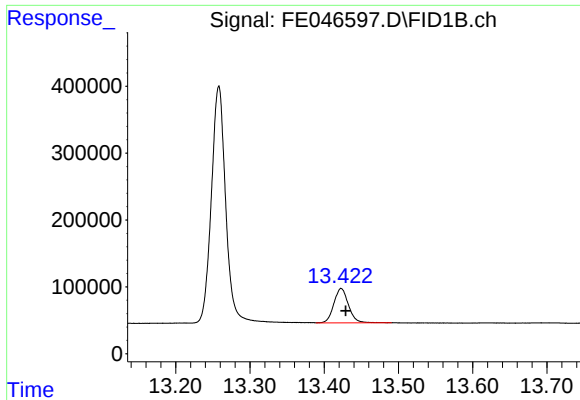
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.820 min
Response: 0
Conc: N.D.



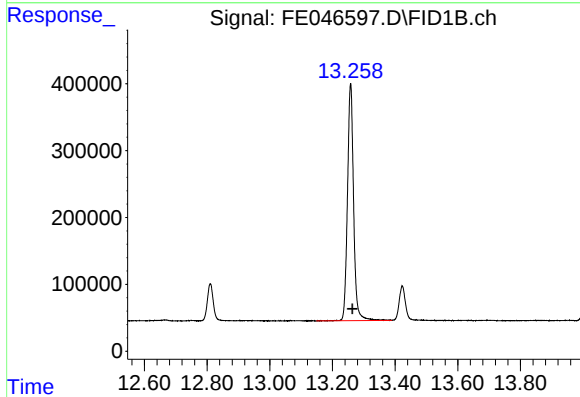
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.007 min
Response: 718111
Conc: 4.23 ug/ml



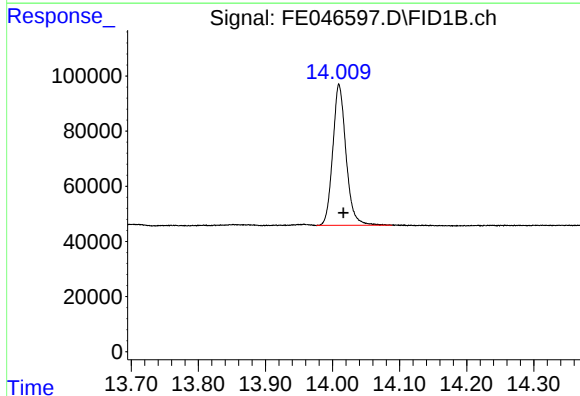
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.006 min
Response: 703440
Conc: 4.22 ug/ml



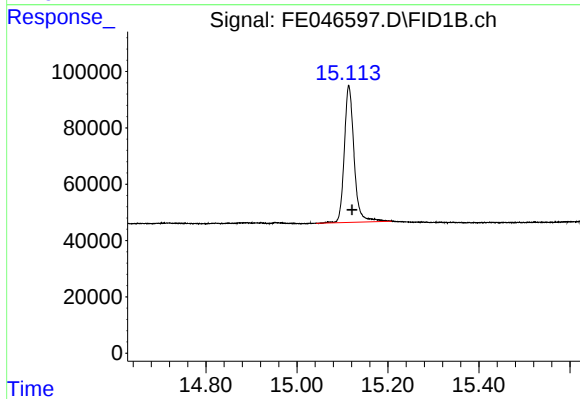
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.005 min
Response: 4793995
Conc: 33.70 ug/ml



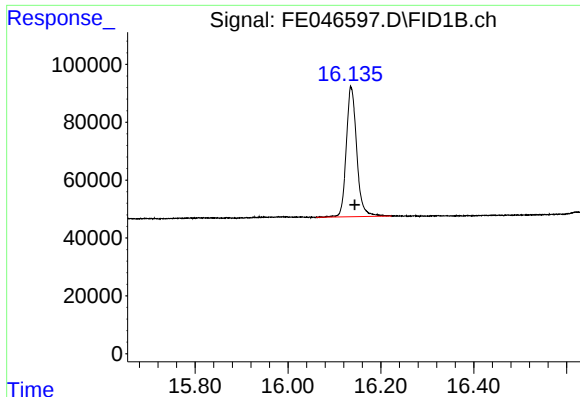
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.006 min
Response: 701632
Conc: 4.24 ug/ml



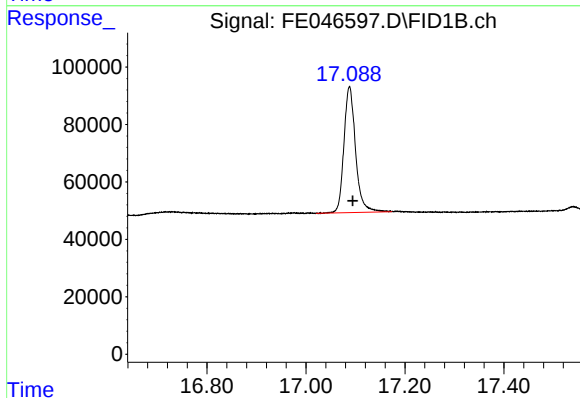
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.007 min
Response: 724422
Conc: 4.39 ug/ml



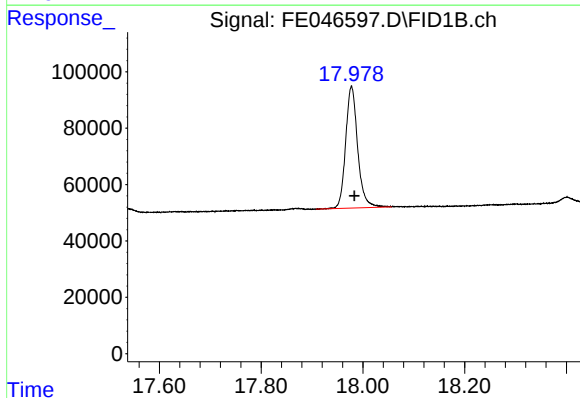
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 701694
Conc: 4.35 ug/ml



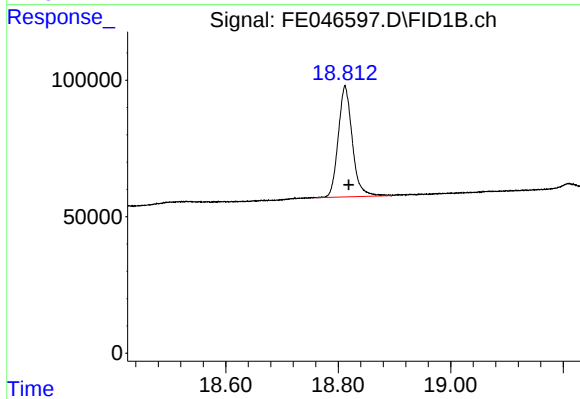
#16 n-Octacosane (C28)

R.T.: 17.088 min
Delta R.T.: -0.007 min
Response: 717159
Conc: 4.57 ug/ml



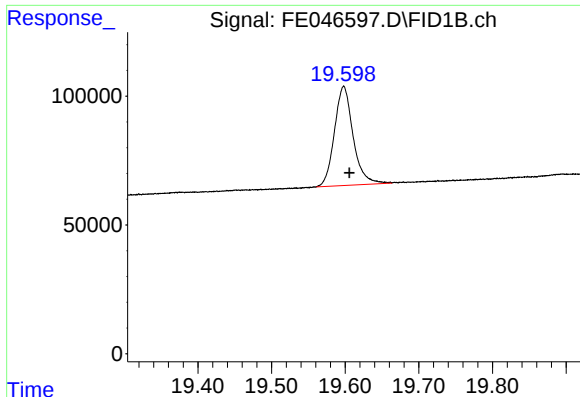
#17 n-Tricontane (C30)

R.T.: 17.978 min
Delta R.T.: -0.006 min
Response: 705207
Conc: 4.50 ug/ml



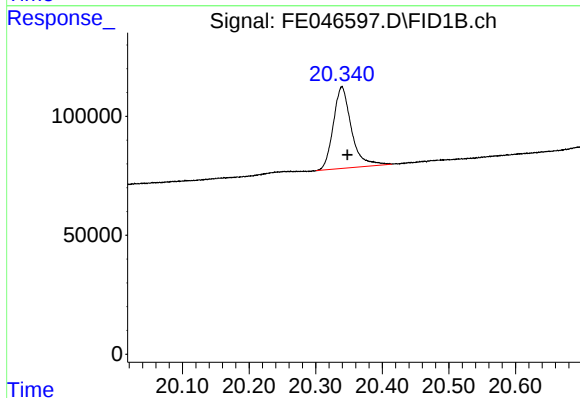
#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.007 min
Response: 703370
Conc: 4.65 ug/ml



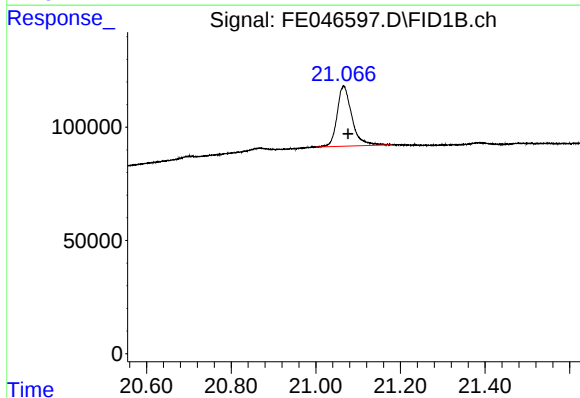
#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.008 min
Response: 679201
Conc: 4.79 ug/ml



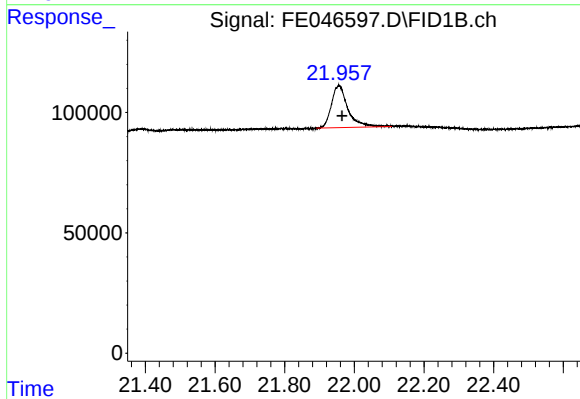
#20 n-Hexatriacontane (C36)

R.T.: 20.339 min
Delta R.T.: -0.008 min
Response: 646706
Conc: 4.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: -0.010 min
Response: 642646
Conc: 5.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.009 min
Response: 575459
Conc: 4.60 ug/ml