

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032124AL\
 Data File : FE047238.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2024 08:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 01:19:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.980	3456838	20.952 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
12) S 1-chlorooctadecane (S...	13.412	2655398	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T n-Nonane (C9)	3.366	3201489	21.294 ug/ml
2) T n-Decane (C10)	4.617	3283738	21.418 ug/ml
3) T A~Naphthalene (C11.7)	6.320	3408211	21.377 ug/ml
4) T n-Dodecane (C12)	6.782	3288690	21.373 ug/ml
5) T A~2-methylnaphthalene...	7.416	3288188	21.426 ug/ml
6) T n-Tetradecane (C14)	8.609	3247830	21.316 ug/ml
7) T n-Hexadecane (C16)	10.216	3345258	21.252 ug/ml
8) T n-Octadecane (C18)	11.659	3365206	21.131 ug/ml
10) T n-Eicosane (C20)	12.967	3220868	20.955 ug/ml
11) T n-Heneicosane (C21)	13.578	3140954	20.759 ug/ml
13) T n-Docosane (C22)	14.163	3166090	21.044 ug/ml
14) T n-Tetracosane (C24)	15.266	3212694	21.513 ug/ml
15) T n-Hexacosane (C26)	16.284	3226899	22.151 ug/ml
16) T n-Octacosane (C28)	17.233	3270264	23.177 ug/ml
17) T n-Tricontane (C30)	18.119	3440066	24.335 ug/ml
18) T n-Dotriacontane (C32)	18.949	3417032	24.778 ug/ml
19) T n-Tetratriacontane (C34)	19.730	3188062	24.419 ug/ml
20) T n-Hexatriacontane (C36)	20.468	3029772	24.320 ug/ml
21) T n-Octatriacontane (C38)	21.211	2972150	23.936 ug/ml
22) T n-Tetracontane (C40)	22.138	2972714	25.274 ug/ml

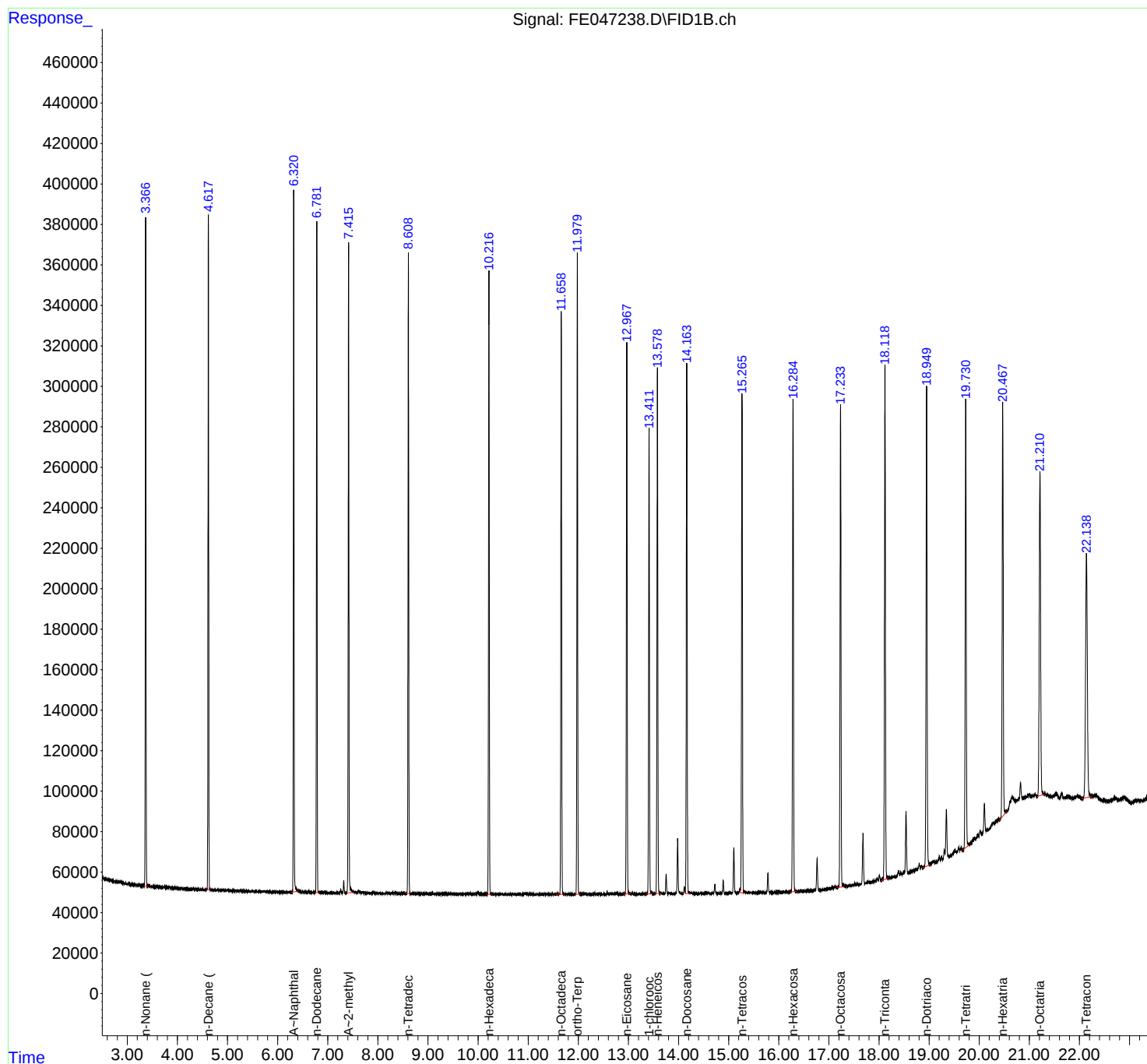
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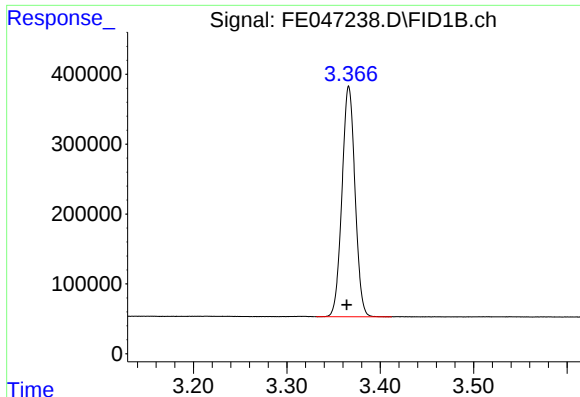
(m)=manual int.

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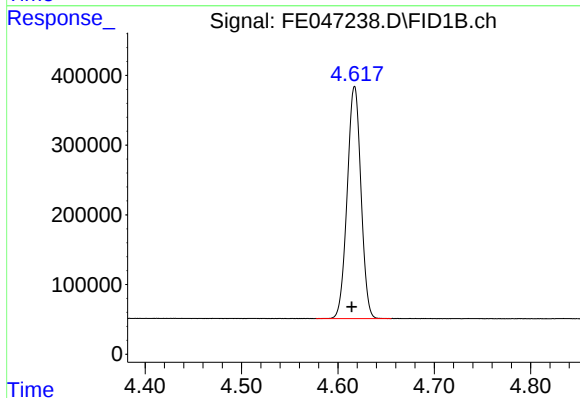
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





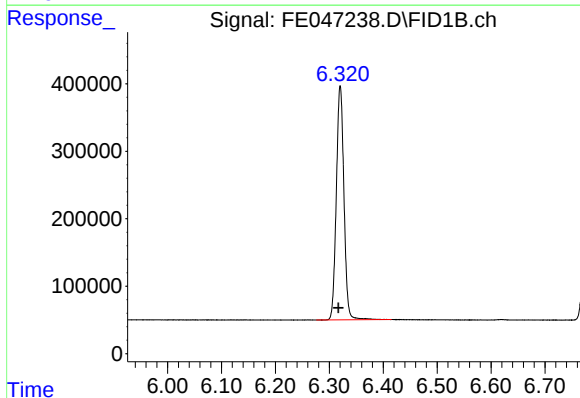
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.002 min
Response: 3201489
Conc: 21.29 ug/ml



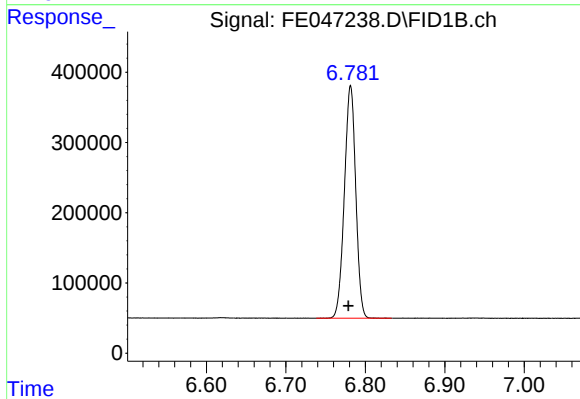
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 3283738
Conc: 21.42 ug/ml



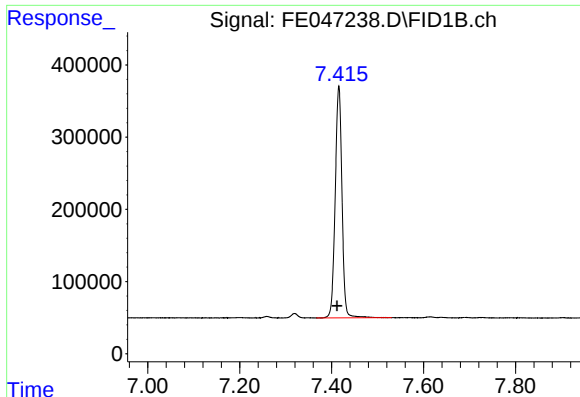
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: 0.003 min
Response: 3408211
Conc: 21.38 ug/ml



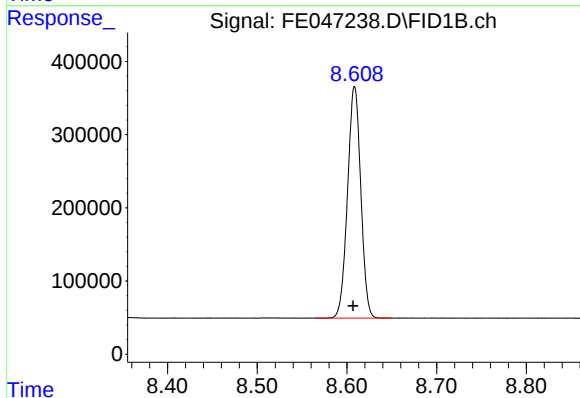
#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 3288690
Conc: 21.37 ug/ml



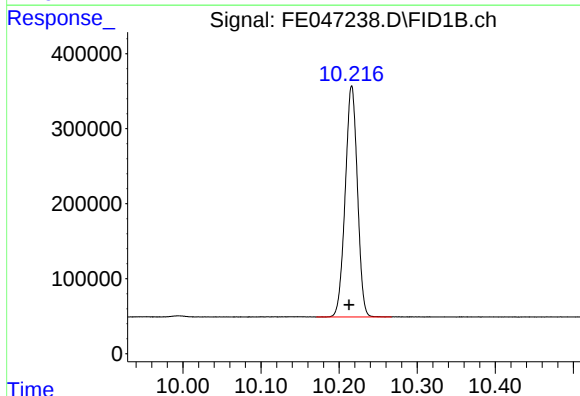
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.416 min
Delta R.T.: 0.004 min
Response: 3288188
Conc: 21.43 ug/ml



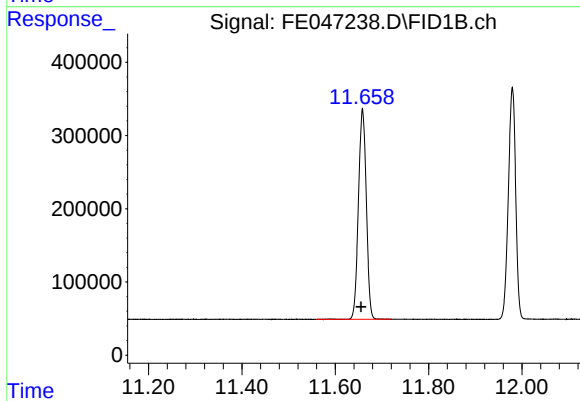
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.002 min
Response: 3247830
Conc: 21.32 ug/ml



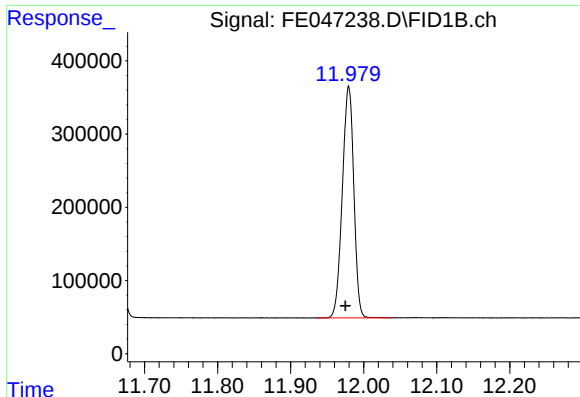
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: 0.003 min
Response: 3345258
Conc: 21.25 ug/ml



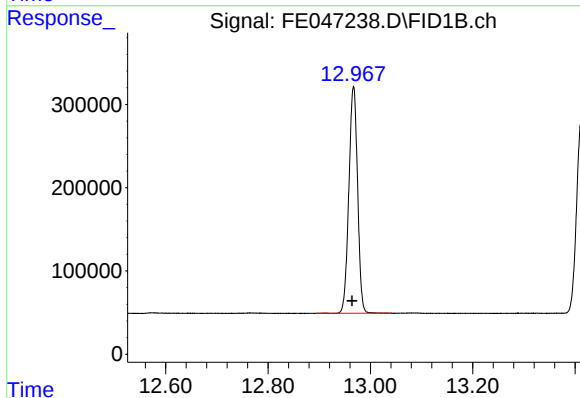
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: 0.004 min
Response: 3365206
Conc: 21.13 ug/ml



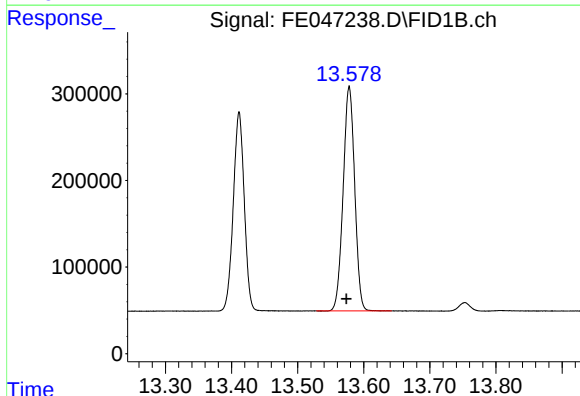
#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: 0.005 min
Response: 3456838
Conc: 20.95 ug/ml



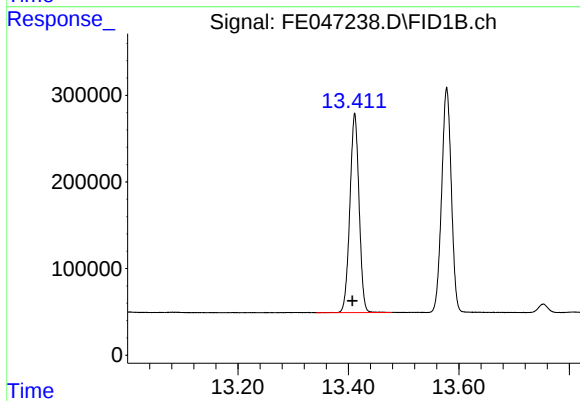
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 3220868
Conc: 20.95 ug/ml



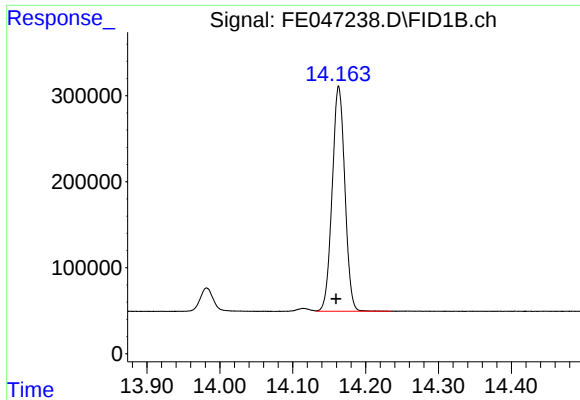
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.004 min
Response: 3140954
Conc: 20.76 ug/ml



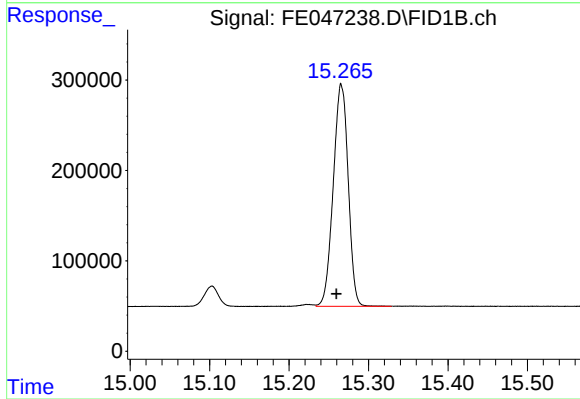
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.004 min
Response: 2655398
Conc: 20.83 ug/ml



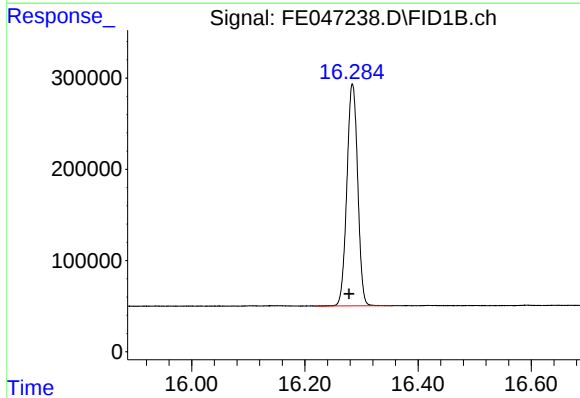
#13 n-Docosane (C22)

R.T.: 14.163 min
Delta R.T.: 0.003 min
Response: 3166090
Conc: 21.04 ug/ml



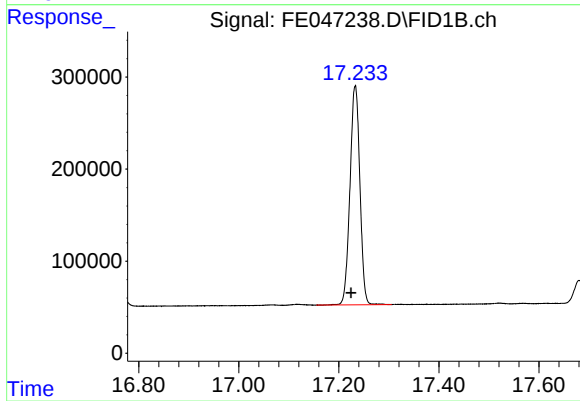
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: 0.006 min
Response: 3212694
Conc: 21.51 ug/ml



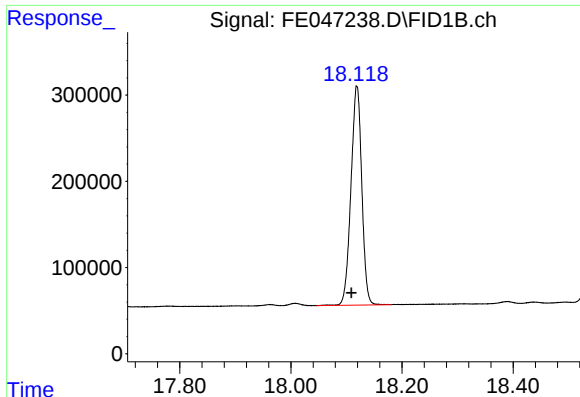
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.006 min
Response: 3226899
Conc: 22.15 ug/ml



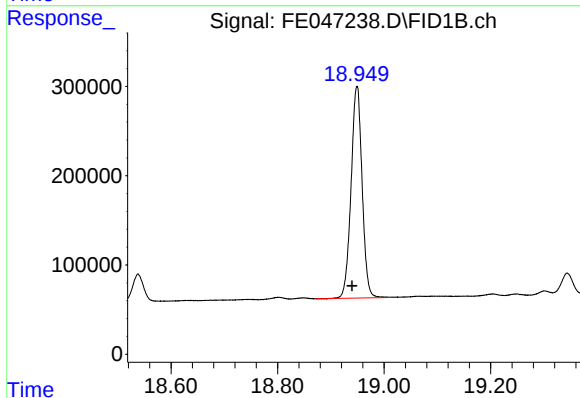
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.008 min
Response: 3270264
Conc: 23.18 ug/ml



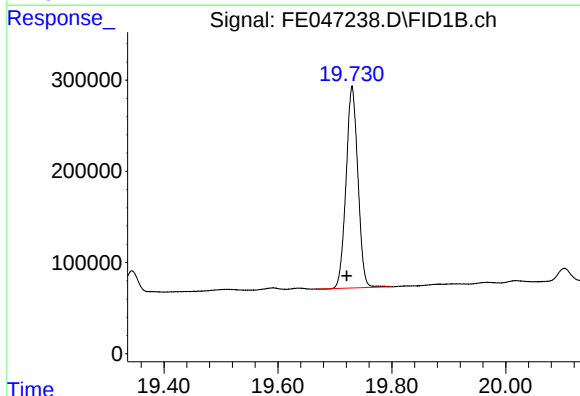
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: 0.010 min
Response: 3440066
Conc: 24.33 ug/ml



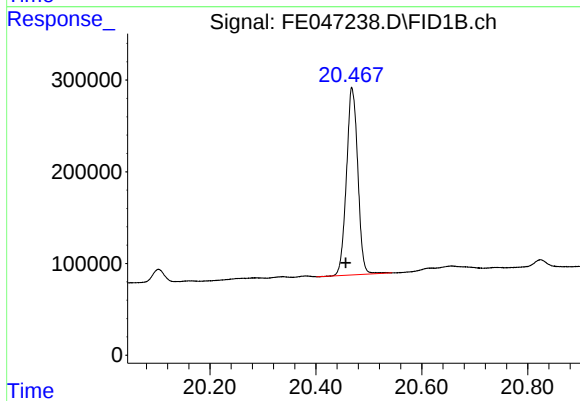
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.009 min
Response: 3417032
Conc: 24.78 ug/ml



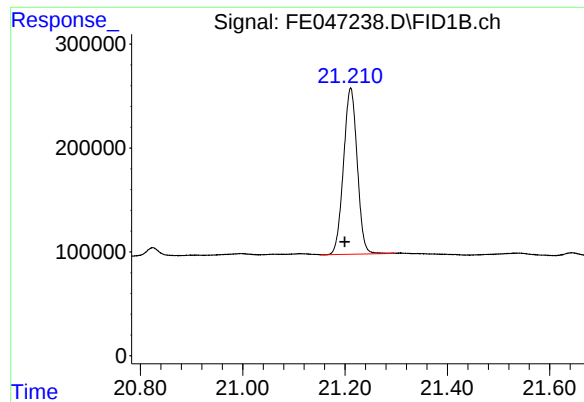
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.009 min
Response: 3188062
Conc: 24.42 ug/ml



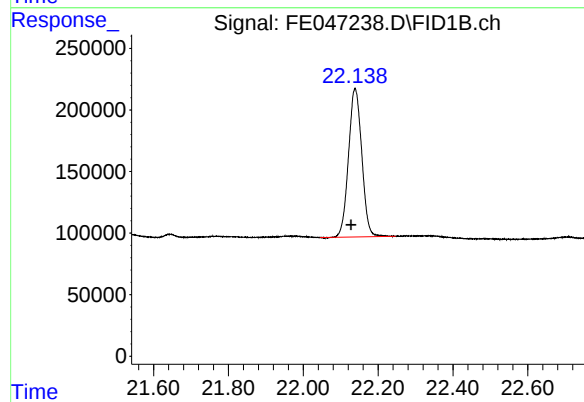
#20 n-Hexatriacontane (C36)

R.T.: 20.468 min
Delta R.T.: 0.011 min
Response: 3029772
Conc: 24.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.012 min
Response: 2972150
Conc: 23.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.010 min
Response: 2972714
Conc: 25.27 ug/ml