

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110422AL\
 Data File : FE038589.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2022 11:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 05 20:52:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 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)	11.963	3303366	19.198 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.395	2578622	18.836 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.360	3232913	20.991 ug/ml
2) T n-Decane (C10)	4.609	3265563	21.038 ug/ml
3) T A~Naphthalene (C11.7)	6.311	3447220	20.355 ug/ml
4) T n-Dodecane (C12)	6.770	3251860	20.816 ug/ml
5) T A~2-methylnaphthalene...	7.405	3352902	20.007 ug/ml
6) T n-Tetradecane (C14)	8.595	3212065	20.539 ug/ml
7) T n-Hexadecane (C16)	10.201	3199002	20.248 ug/ml
8) T n-Octadecane (C18)	11.643	3169867	19.789 ug/ml
10) T n-Eicosane (C20)	12.951	3105093	19.271 ug/ml
11) T n-Heneicosane (C21)	13.562	3072248	19.019 ug/ml
13) T n-Docosane (C22)	14.147	3043783	18.854 ug/ml
14) T n-Tetracosane (C24)	15.249	2980828	18.584 ug/ml
15) T n-Hexacosane (C26)	16.270	2930000	18.447 ug/ml
16) T n-Octacosane (C28)	17.218	2958098	18.855 ug/ml
17) T n-Tricontane (C30)	18.102	3169584	19.865 ug/mlm
18) T n-Dotriacontane (C32)	18.936	3298666	20.921 ug/ml
19) T n-Tetratriacontane (C34)	19.717	3133062	21.252 ug/mlm
20) T n-Hexatriacontane (C36)	20.458	3161057	22.123 ug/ml
21) T n-Octatriacontane (C38)	21.198	3131066	23.182 ug/mlm
22) T n-Tetracontane (C40)	22.121	3272186	25.922 ug/mlm

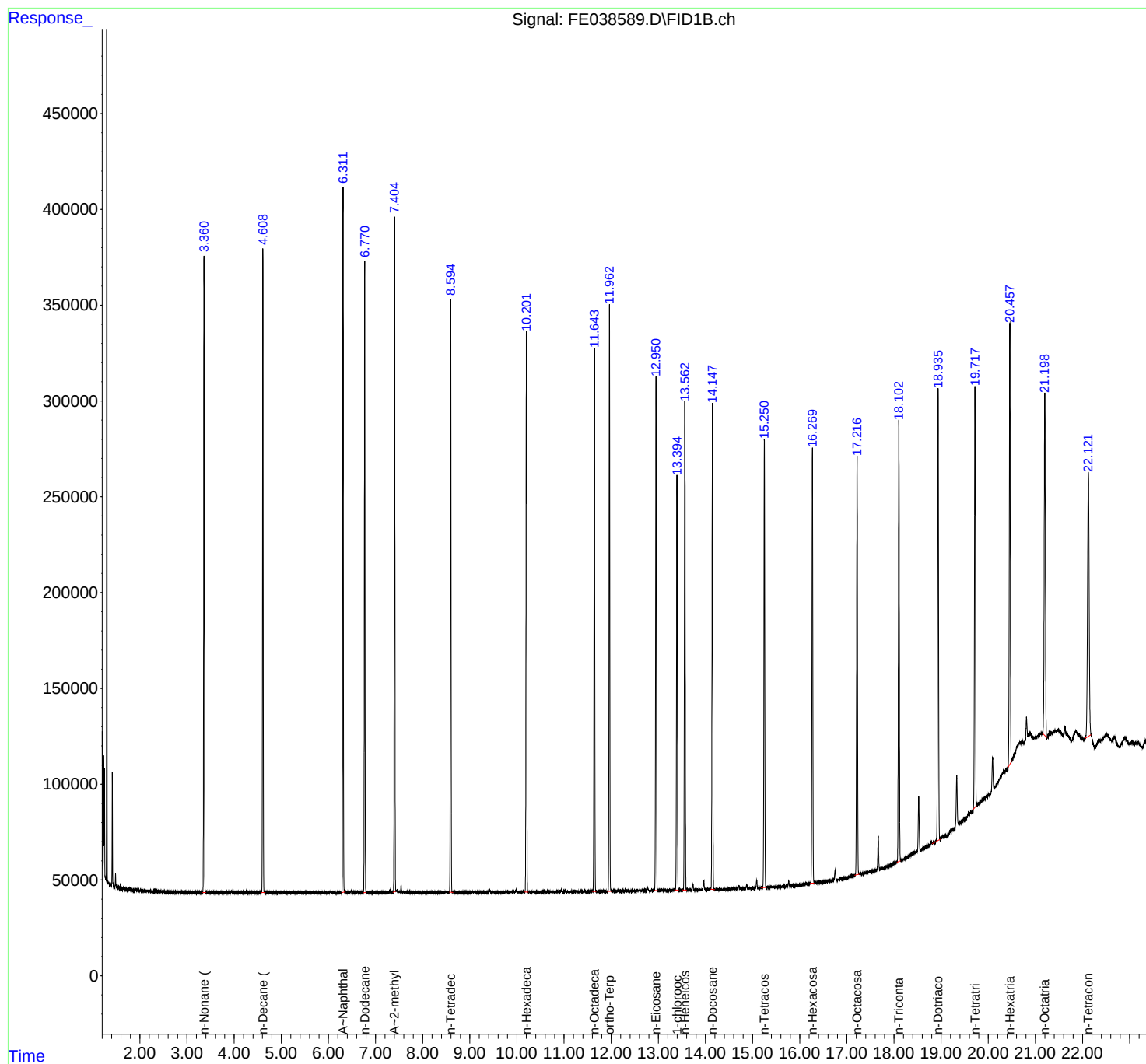
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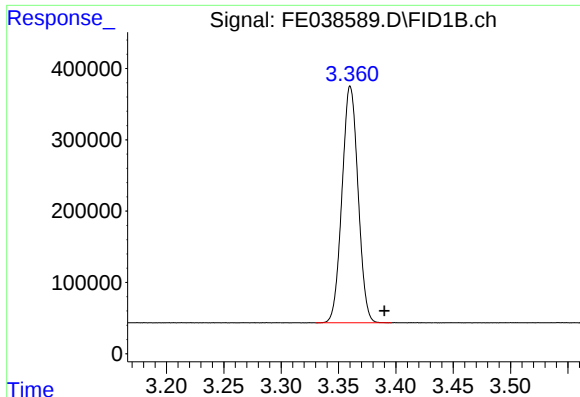
(m)=manual int.

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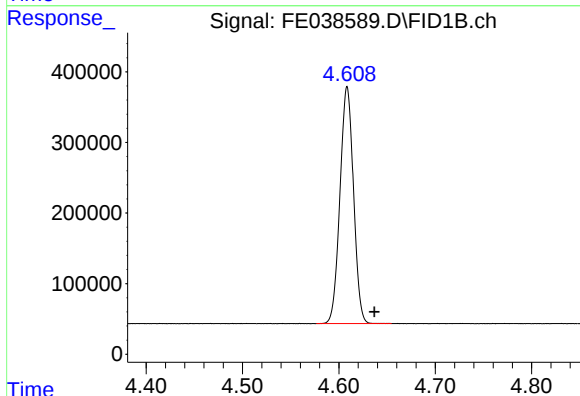
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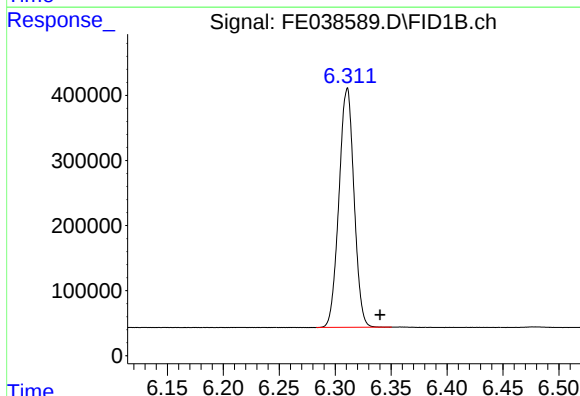
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.030 min
Response: 3232913
Conc: 20.99 ug/ml



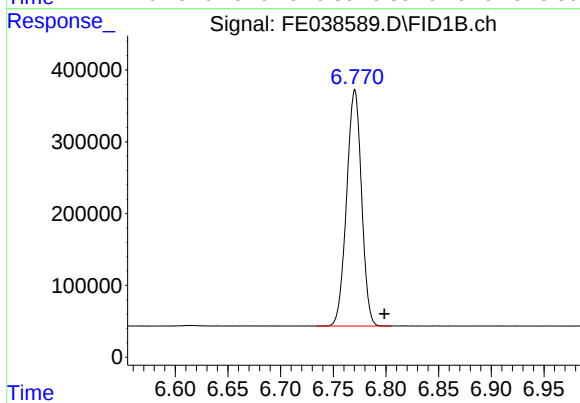
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.028 min
Response: 3265563
Conc: 21.04 ug/ml



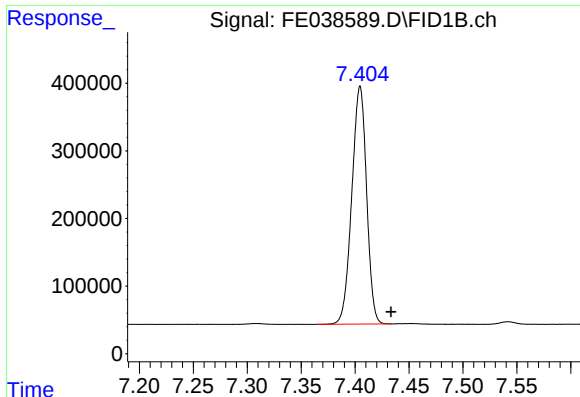
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.029 min
Response: 3447220
Conc: 20.36 ug/ml



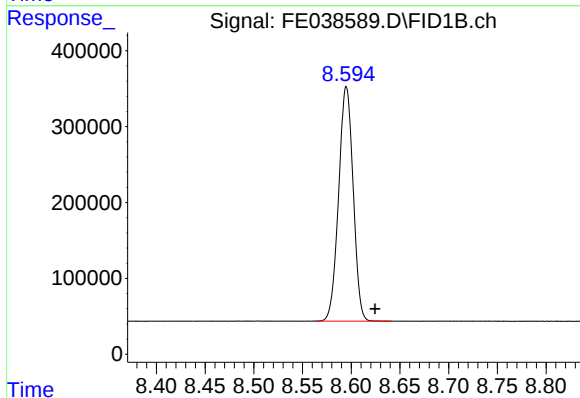
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.028 min
Response: 3251860
Conc: 20.82 ug/ml



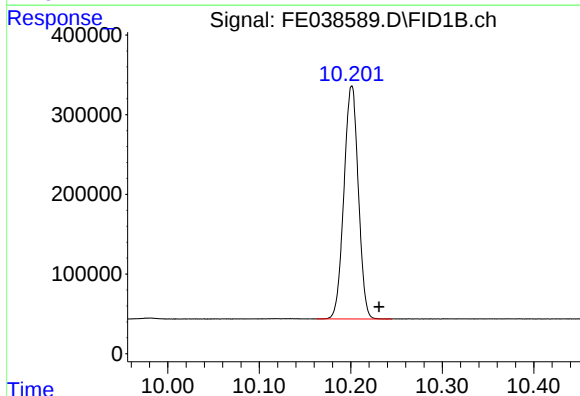
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.405 min
Delta R.T.: -0.029 min
Response: 3352902
Conc: 20.01 ug/ml



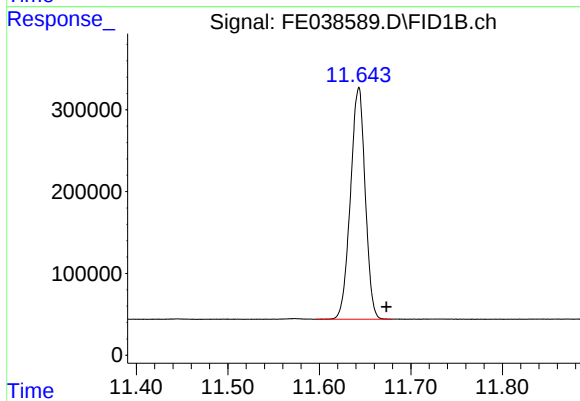
#6 n-Tetradecane (C14)

R.T.: 8.595 min
Delta R.T.: -0.029 min
Response: 3212065
Conc: 20.54 ug/ml



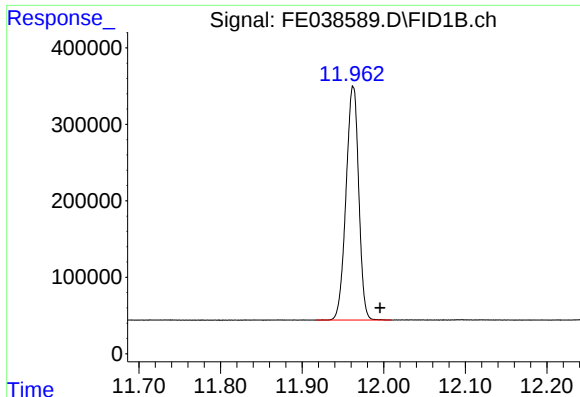
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.030 min
Response: 3199002
Conc: 20.25 ug/ml



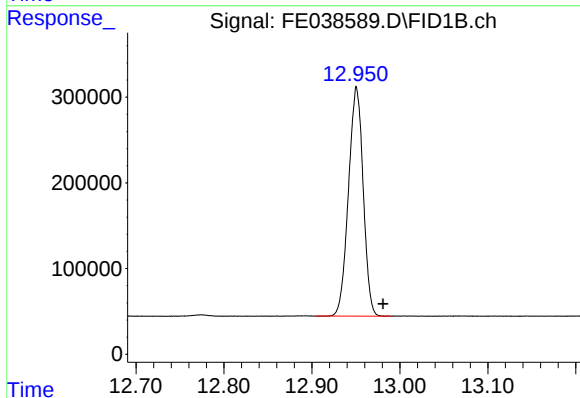
#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.030 min
Response: 3169867
Conc: 19.79 ug/ml



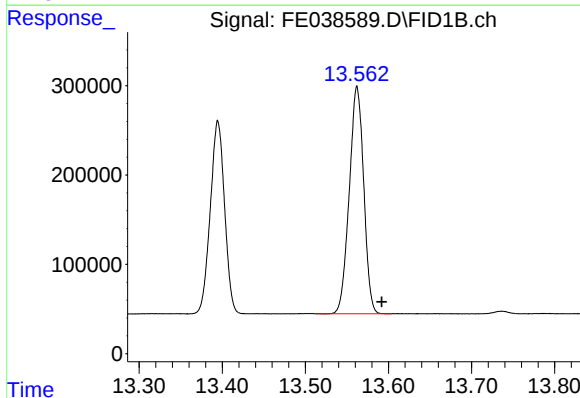
#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.033 min
Response: 3303366
Conc: 19.20 ug/ml



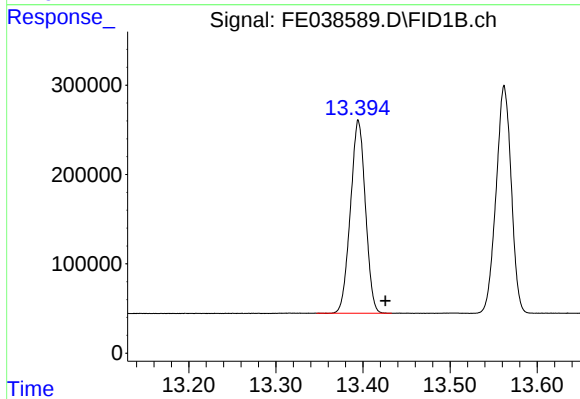
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 3105093
Conc: 19.27 ug/ml



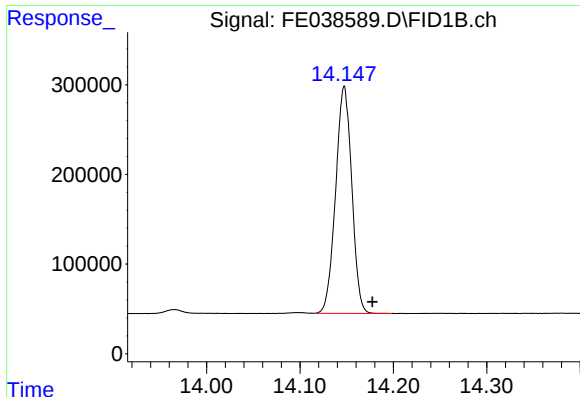
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 3072248
Conc: 19.02 ug/ml



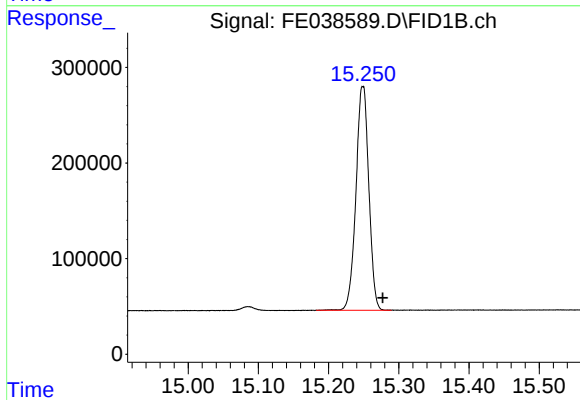
#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 2578622
Conc: 18.84 ug/ml



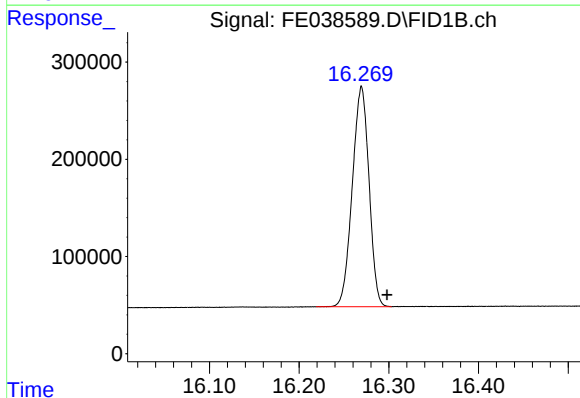
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.030 min
Response: 3043783
Conc: 18.85 ug/ml



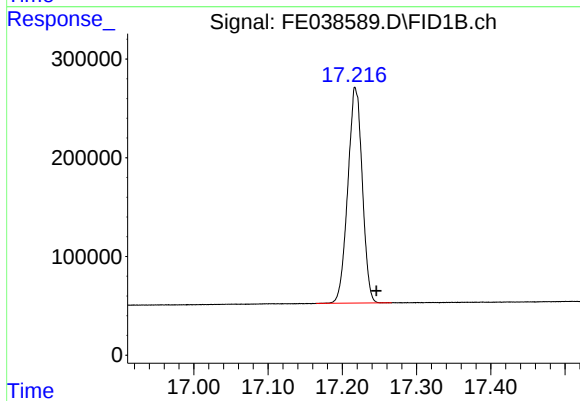
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.028 min
Response: 2980828
Conc: 18.58 ug/ml



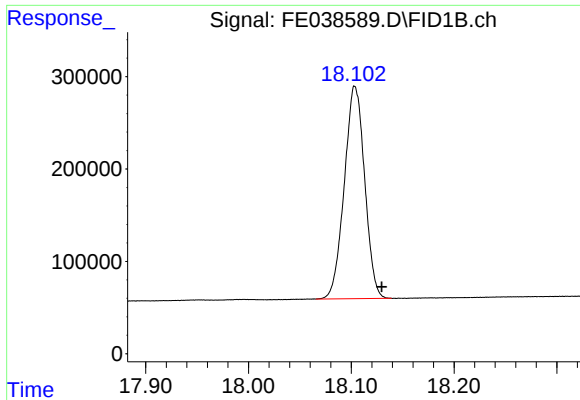
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.029 min
Response: 2930000
Conc: 18.45 ug/ml



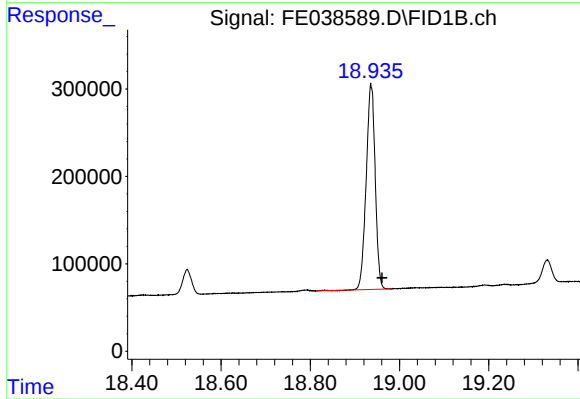
#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.028 min
Response: 2958098
Conc: 18.85 ug/ml



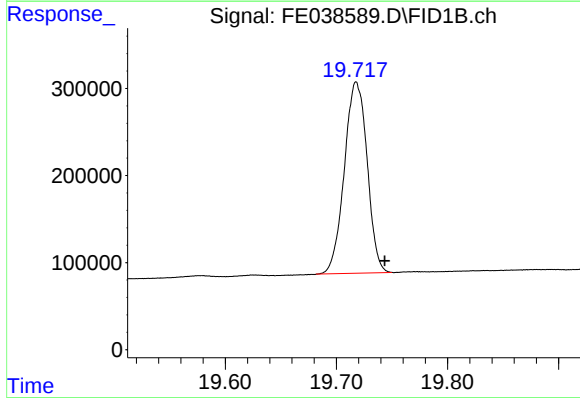
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: -0.027 min
Response: 3169584
Conc: 19.86 ug/ml m



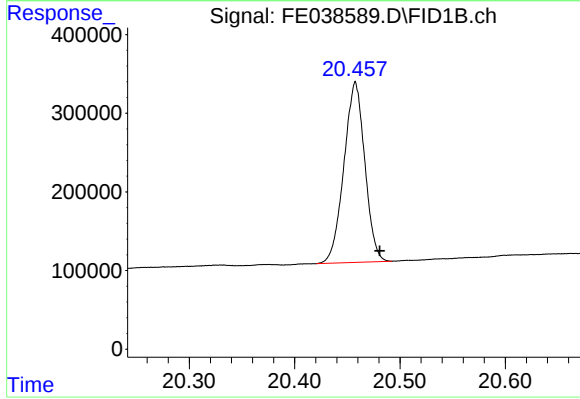
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.025 min
Response: 3298666
Conc: 20.92 ug/ml



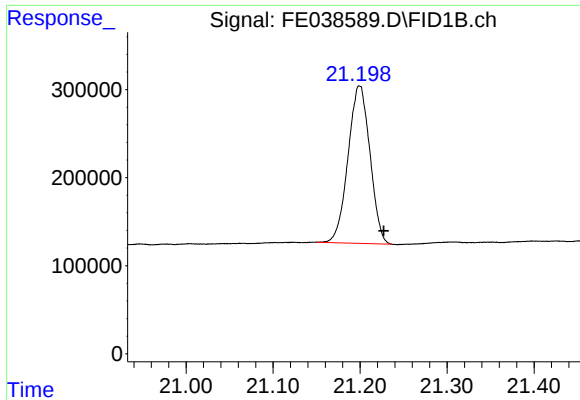
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.026 min
Response: 3133062
Conc: 21.25 ug/ml m



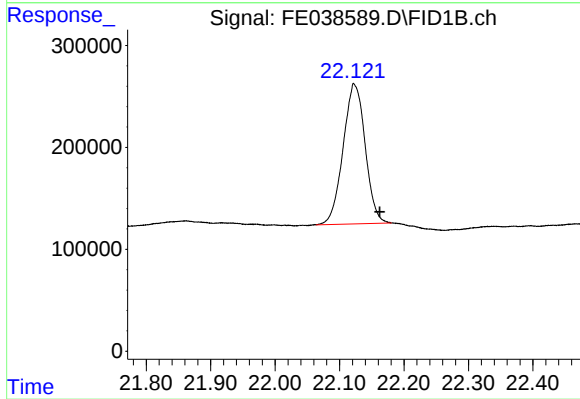
#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.023 min
Response: 3161057
Conc: 22.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.029 min
Response: 3131066
Conc: 23.18 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.121 min
Delta R.T.: -0.041 min
Response: 3272186
Conc: 25.92 ug/ml m