

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057327.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 23:37
 Operator : YP\AJ
 Sample : Q3530-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 12 00:22:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 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...	13.366	5116690	30.744 ug/ml
Spiked Amount 50.000		Recovery =	61.49%
Target Compounds			
1) T n-Nonane (C9)	3.289	427809	2.187 ug/ml
2) T n-Decane (C10)	4.541	553234	2.735 ug/ml
4) T n-Dodecane (C12)	6.713	652408	3.197 ug/ml
6) T n-Tetradecane (C14)	8.546	679833	3.378 ug/ml
7) T n-Hexadecane (C16)	10.157	662047	3.228 ug/ml
8) T n-Octadecane (C18)	11.603	737874	3.580 ug/ml
10) T n-Eicosane (C20)	12.916	801152	4.073 ug/ml
11) T n-Heneicosane (C21)	13.529	715843	3.726 ug/ml
13) T n-Docosane (C22)	14.117	768114	3.979 ug/ml
14) T n-Tetracosane (C24)	15.223	793241	4.005 ug/ml
15) T n-Hexacosane (C26)	16.246	778816	3.926 ug/ml
16) T n-Octacosane (C28)	17.198	800979	3.898 ug/ml
17) T n-Tricontane (C30)	18.088	868388	3.869 ug/ml
18) T n-Dotriacontane (C32)	18.922	928218	3.976 ug/ml
19) T n-Tetratriacontane (C34)	19.708	881764	4.128 ug/ml
20) T n-Hexatriacontane (C36)	20.450	777417	4.177 ug/ml
21) T n-Octatriacontane (C38)	21.194	812448	4.688 ug/ml
22) T n-Tetracontane (C40)	22.120	793461	4.709 ug/ml

(f)=RT Delta > 1/2 Window

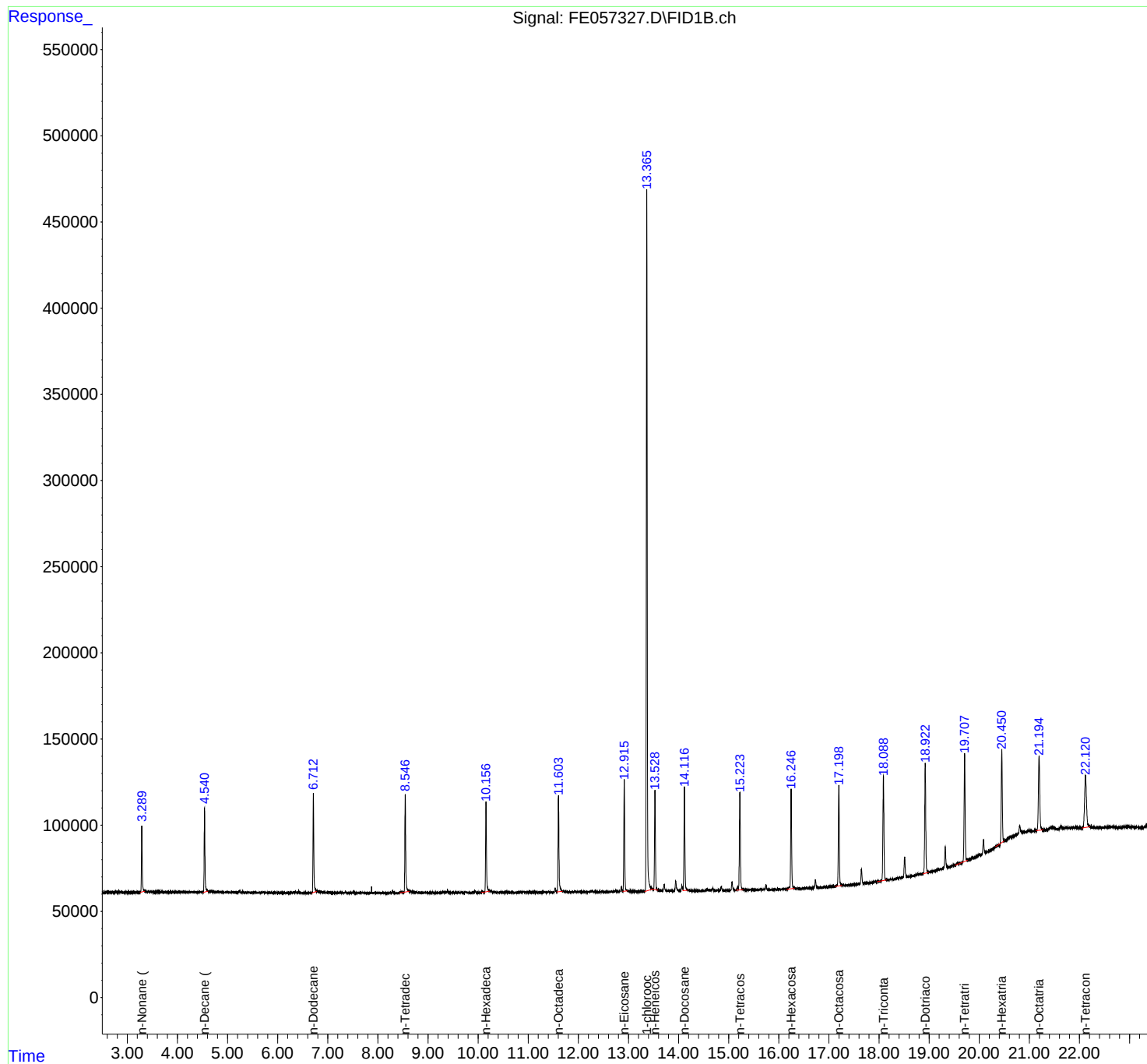
(m)=manual int.

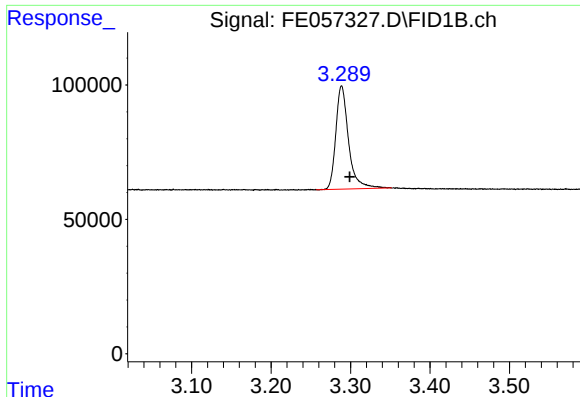
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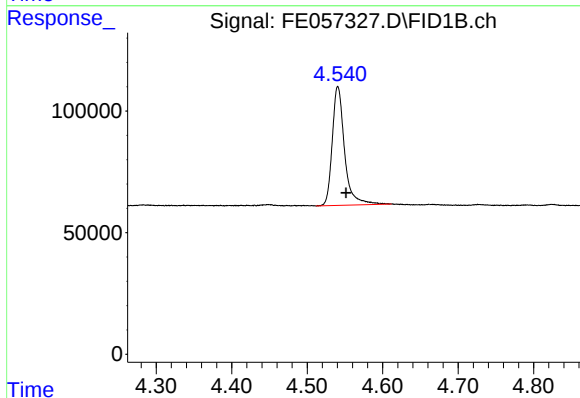




#1 n-Nonane (C9)

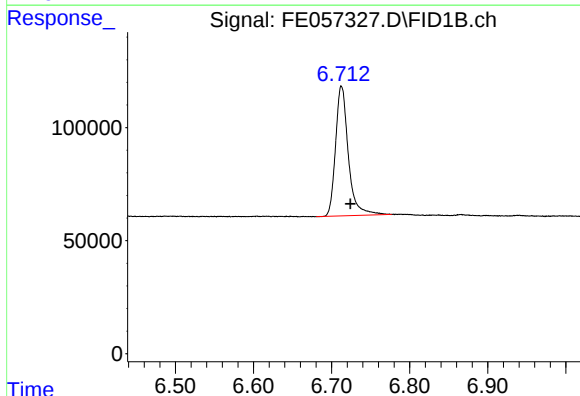
R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 427809
Conc: 2.19 ug/ml

Instrument :
FID_E
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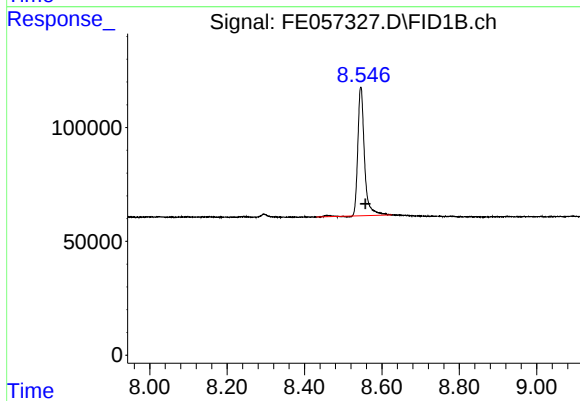
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 553234
Conc: 2.74 ug/ml



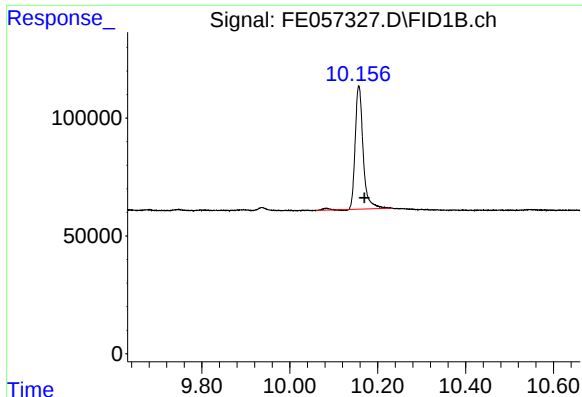
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 652408
Conc: 3.20 ug/ml



#6 n-Tetradecane (C14)

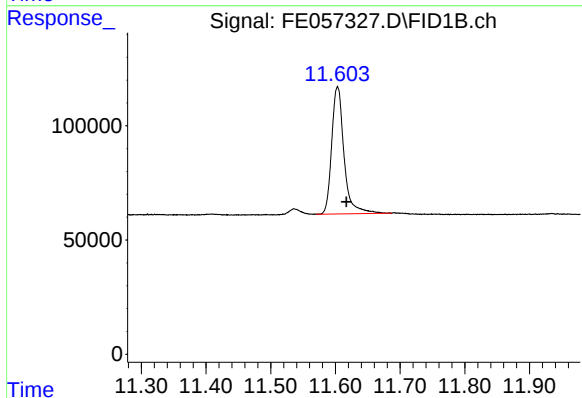
R.T.: 8.546 min
Delta R.T.: -0.012 min
Response: 679833
Conc: 3.38 ug/ml



#7 n-Hexadecane (C16)

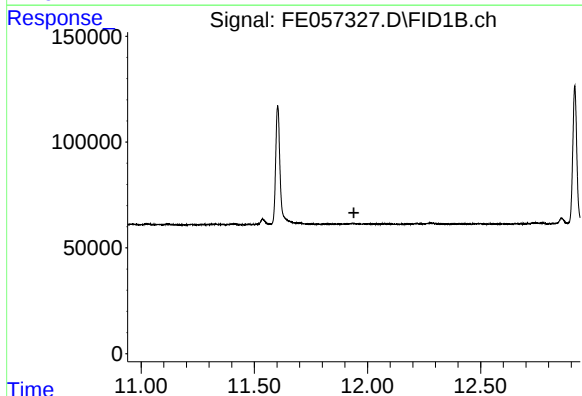
R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 662047
Conc: 3.23 ug/ml

Instrument :
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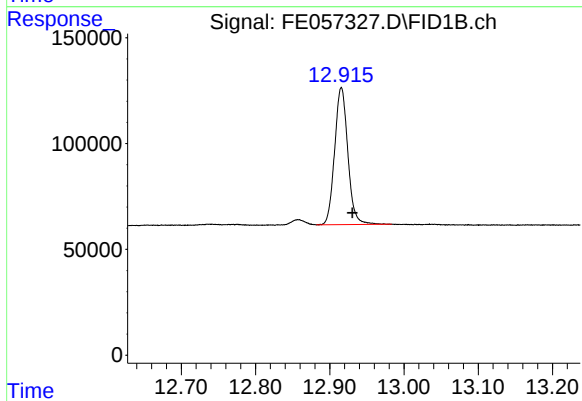
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.014 min
Response: 737874
Conc: 3.58 ug/ml



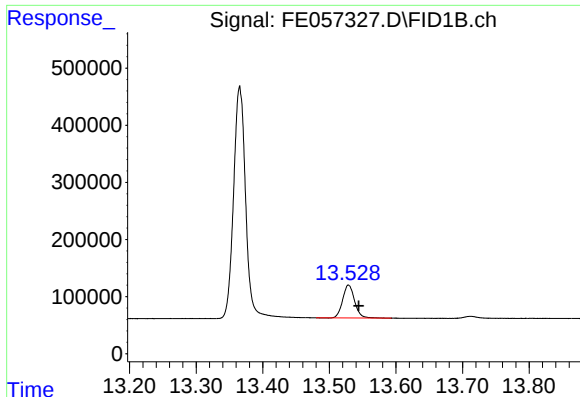
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

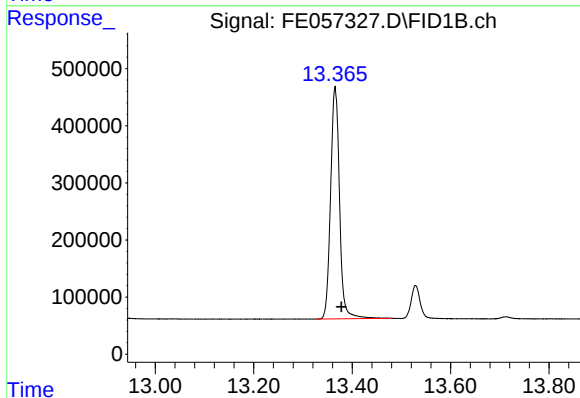
R.T.: 12.916 min
Delta R.T.: -0.015 min
Response: 801152
Conc: 4.07 ug/ml



#11 n-Heneicosane (C21)

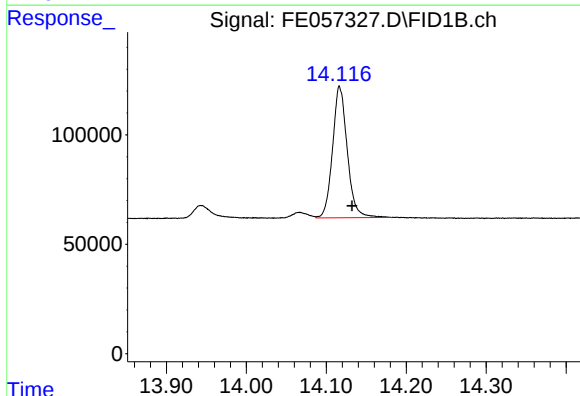
R.T.: 13.529 min
Delta R.T.: -0.015 min
Response: 715843
Conc: 3.73 ug/ml

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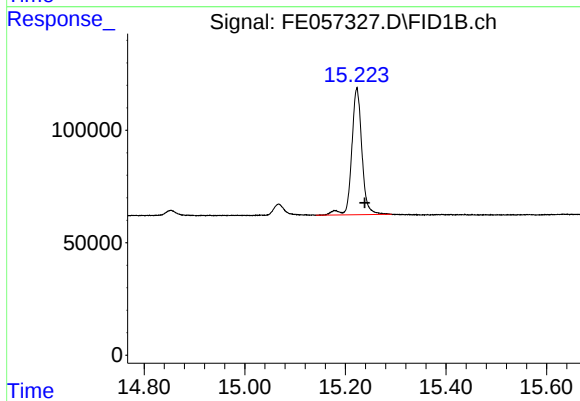
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.013 min
Response: 5116690
Conc: 30.74 ug/ml



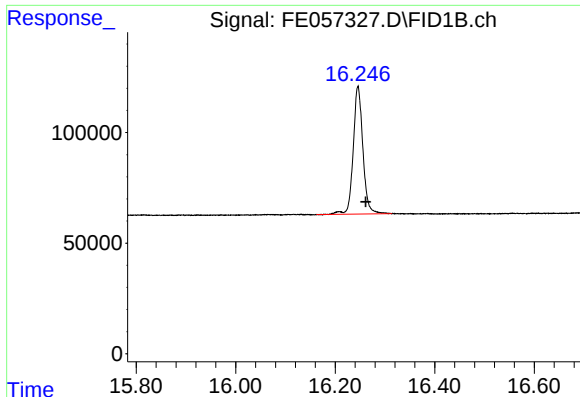
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.015 min
Response: 768114
Conc: 3.98 ug/ml



#14 n-Tetracosane (C24)

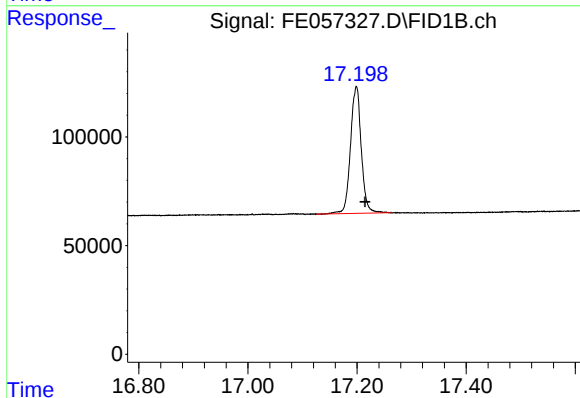
R.T.: 15.223 min
Delta R.T.: -0.015 min
Response: 793241
Conc: 4.01 ug/ml



#15 n-Hexacosane (C26)

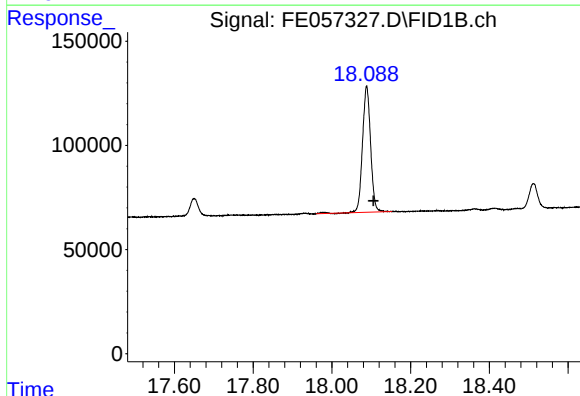
R.T.: 16.246 min
Delta R.T.: -0.016 min
Response: 778816
Conc: 3.93 ug/ml

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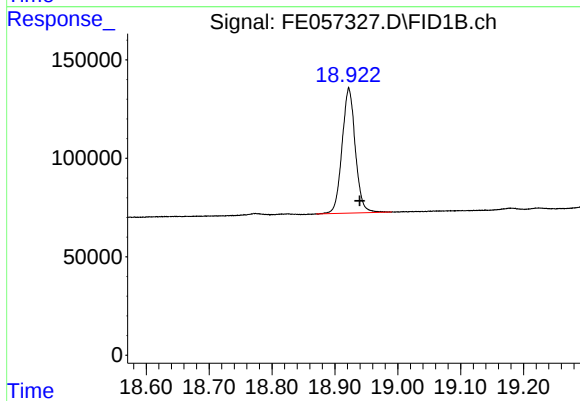
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.016 min
Response: 800979
Conc: 3.90 ug/ml



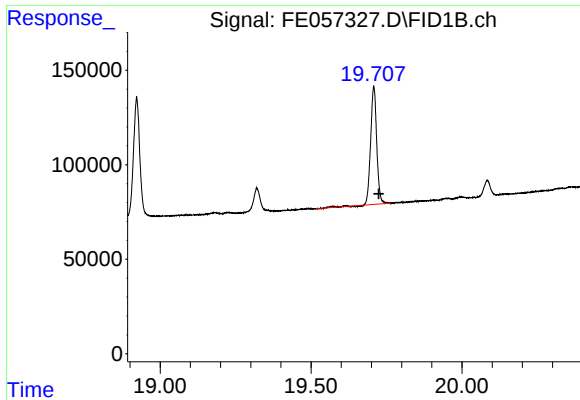
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 868388
Conc: 3.87 ug/ml



#18 n-Dotriacontane (C32)

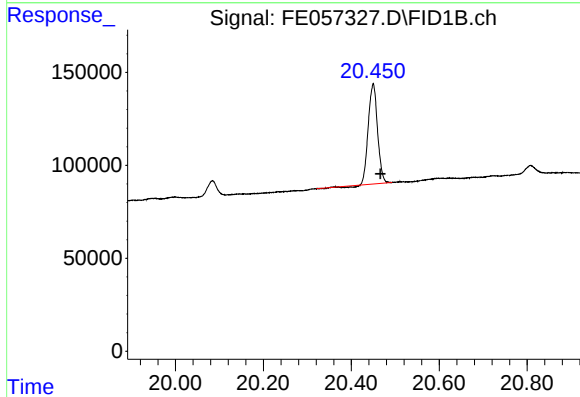
R.T.: 18.922 min
Delta R.T.: -0.017 min
Response: 928218
Conc: 3.98 ug/ml



#19 n-Tetratriacontane (C34)

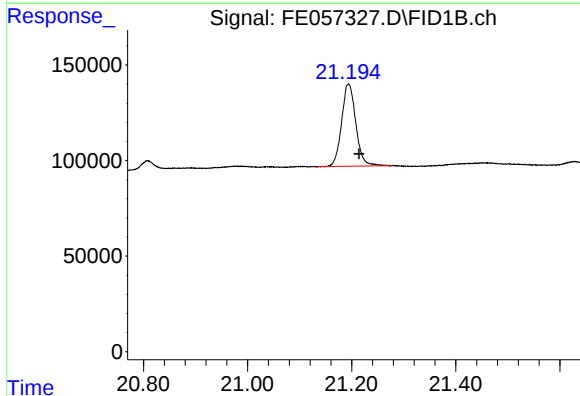
R.T.: 19.708 min
Delta R.T.: -0.017 min
Response: 881764
Conc: 4.13 ug/ml

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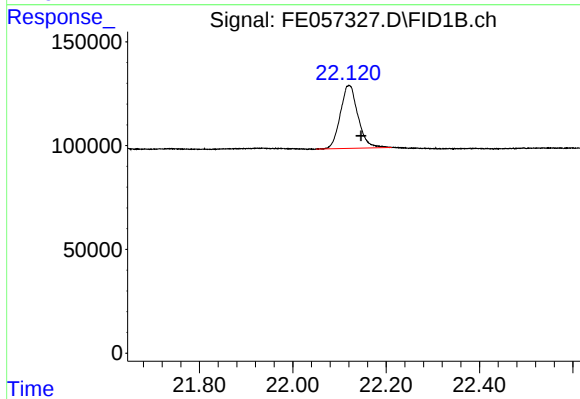
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.016 min
Response: 777417
Conc: 4.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.020 min
Response: 812448
Conc: 4.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.026 min
Response: 793461
Conc: 4.71 ug/ml