

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057326.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 23:07
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 4PPM WATER LOD
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 12 00:21:56 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...	13.367	6123444	36.794 ug/ml
Spiked Amount 50.000		Recovery =	73.59%
Target Compounds			
1) T n-Nonane (C9)	3.289	347958	1.779 ug/ml
2) T n-Decane (C10)	4.541	451538	2.232 ug/ml
4) T n-Dodecane (C12)	6.713	559632	2.742 ug/ml
6) T n-Tetradecane (C14)	8.546	583252	2.898 ug/ml
7) T n-Hexadecane (C16)	10.157	539815	2.632 ug/ml
8) T n-Octadecane (C18)	11.603	620129	3.009 ug/ml
10) T n-Eicosane (C20)	12.916	669925	3.406 ug/ml
11) T n-Heneicosane (C21)	13.529	583903	3.039 ug/ml
13) T n-Docosane (C22)	14.117	626375	3.245 ug/ml
14) T n-Tetracosane (C24)	15.224	611592	3.088 ug/ml
15) T n-Hexacosane (C26)	16.247	615340	3.102 ug/ml
16) T n-Octacosane (C28)	17.199	653238	3.179 ug/ml
17) T n-Tricontane (C30)	18.088	796435	3.549 ug/ml
18) T n-Dotriacontane (C32)	18.922	888678	3.807 ug/ml
19) T n-Tetratriacontane (C34)	19.707	831030	3.891 ug/ml
20) T n-Hexatriacontane (C36)	20.450	686751	3.690 ug/ml
21) T n-Octatriacontane (C38)	21.194	703702	4.060 ug/ml
22) T n-Tetracontane (C40)	22.120	686718	4.075 ug/ml

(f)=RT Delta > 1/2 Window

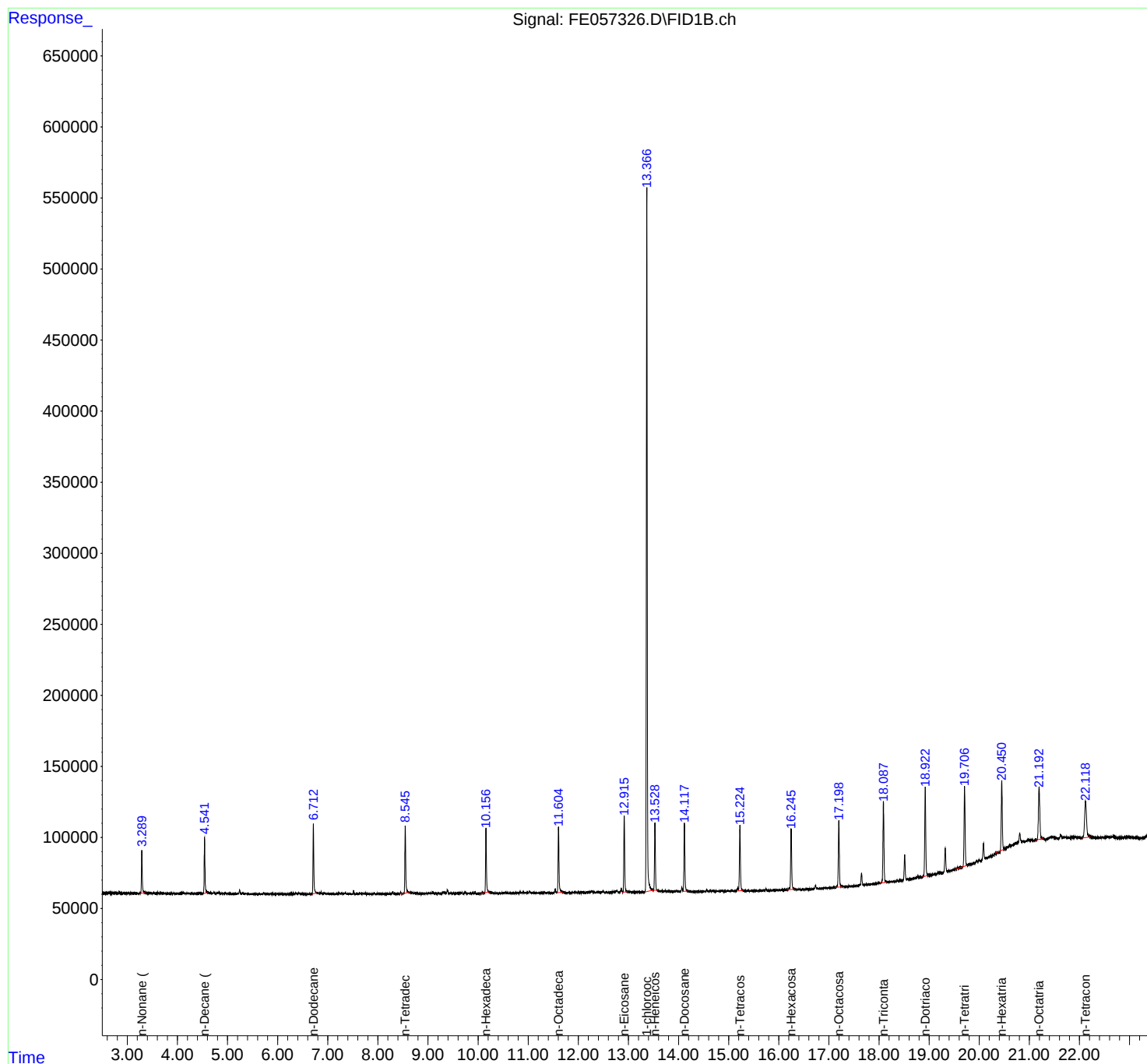
(m)=manual int.

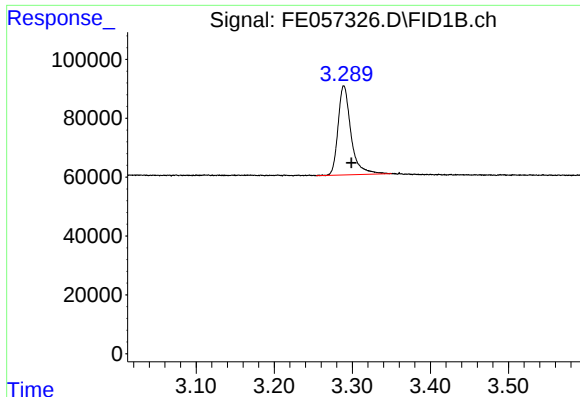
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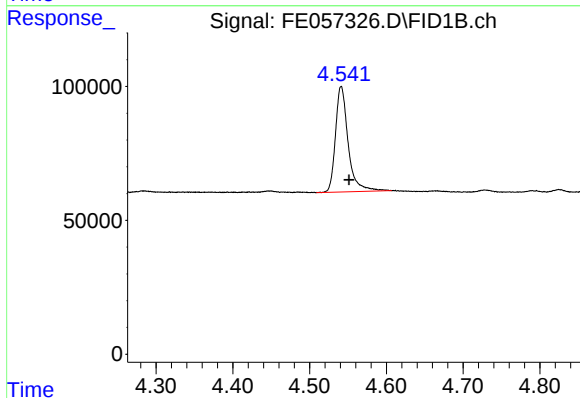




#1 n-Nonane (C9)

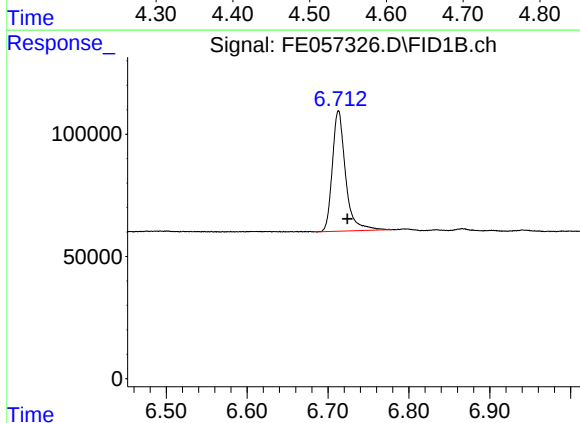
R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 347958
Conc: 1.78 ug/ml

Instrument :
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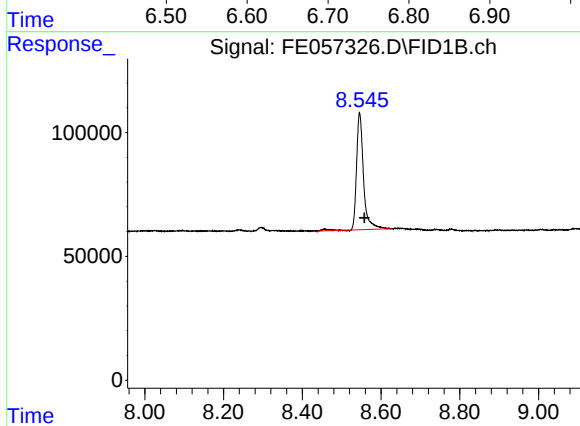
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.010 min
Response: 451538
Conc: 2.23 ug/ml



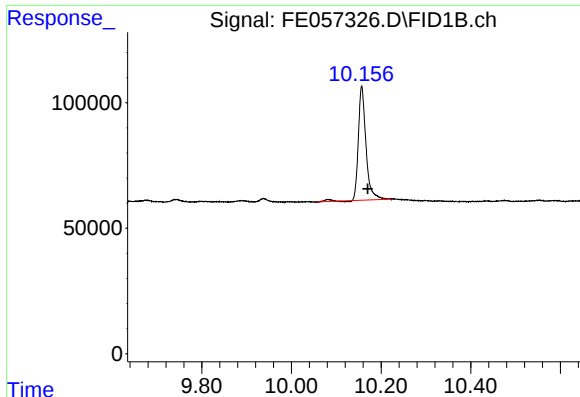
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 559632
Conc: 2.74 ug/ml



#6 n-Tetradecane (C14)

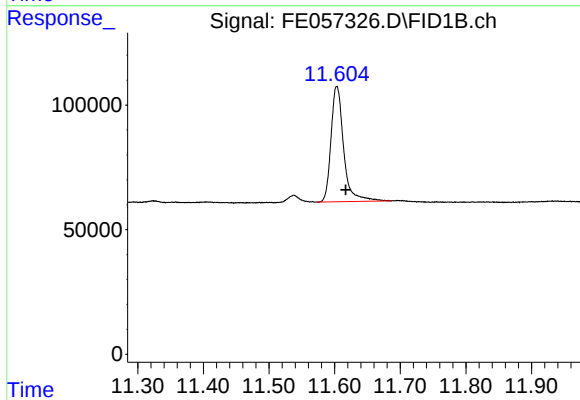
R.T.: 8.546 min
Delta R.T.: -0.012 min
Response: 583252
Conc: 2.90 ug/ml



#7 n-Hexadecane (C16)

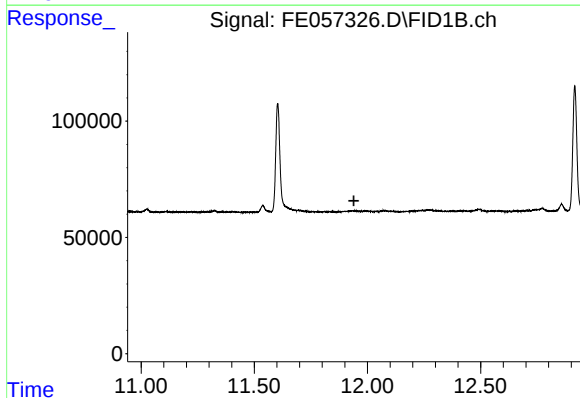
R.T.: 10.157 min
Delta R.T.: -0.013 min
Response: 539815
Conc: 2.63 ug/ml

Instrument :
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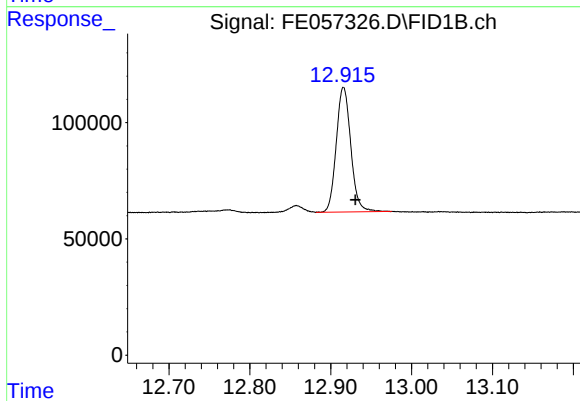
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.013 min
Response: 620129
Conc: 3.01 ug/ml



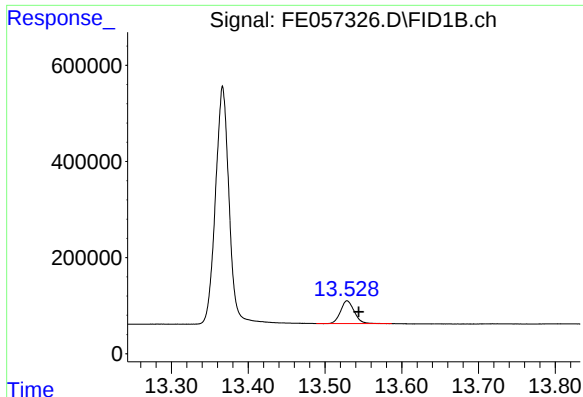
#9 ortho-Terphenyl (SURR)

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: 669925
Conc: 3.41 ug/ml



#11 n-Heneicosane (C21)

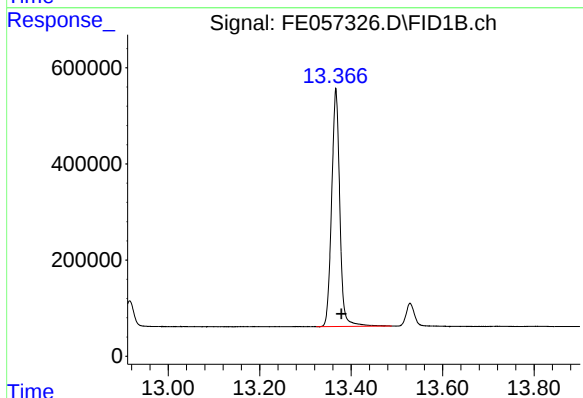
R.T.: 13.529 min
Delta R.T.: -0.015 min
Response: 583903
Conc: 3.04 ug/ml

Instrument :

FID_E

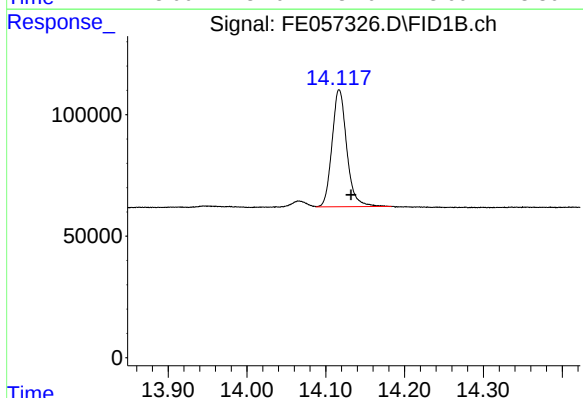
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



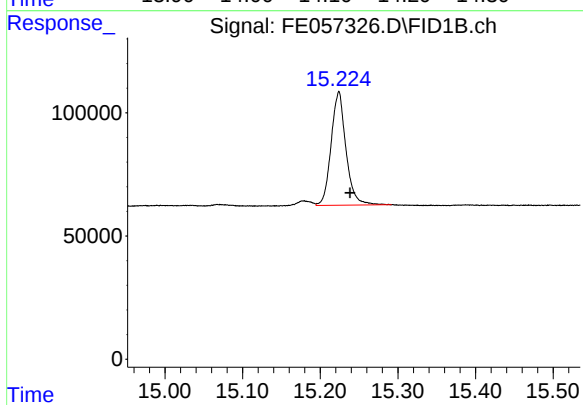
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.012 min
Response: 6123444
Conc: 36.79 ug/ml



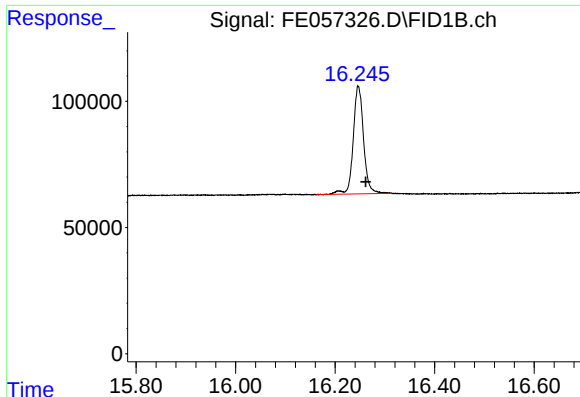
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: -0.015 min
Response: 626375
Conc: 3.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.015 min
Response: 611592
Conc: 3.09 ug/ml



#15 n-Hexacosane (C26)

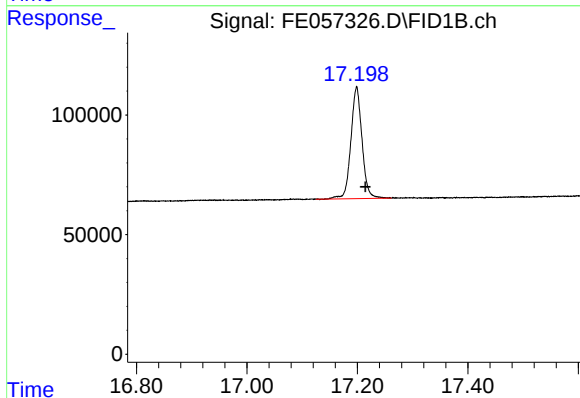
R.T.: 16.247 min
Delta R.T.: -0.015 min
Response: 615340
Conc: 3.10 ug/ml

Instrument :

FID_E

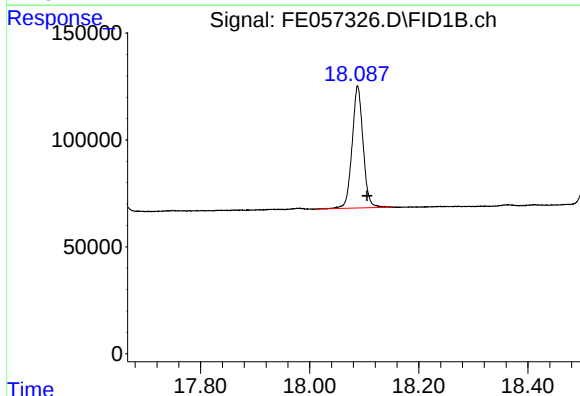
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



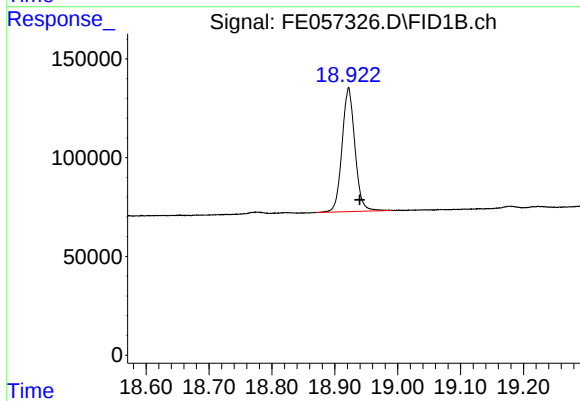
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.016 min
Response: 653238
Conc: 3.18 ug/ml



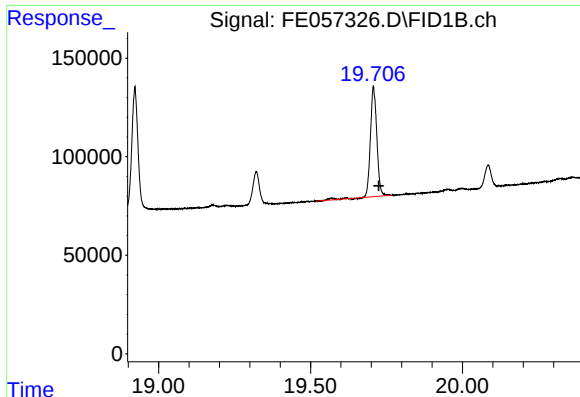
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 796435
Conc: 3.55 ug/ml



#18 n-Dotriacontane (C32)

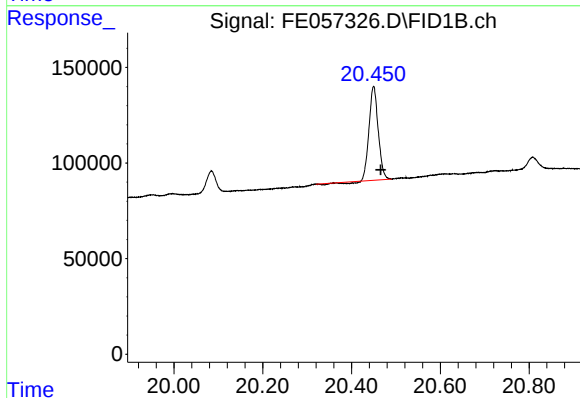
R.T.: 18.922 min
Delta R.T.: -0.018 min
Response: 888678
Conc: 3.81 ug/ml



#19 n-Tetratriacontane (C34)

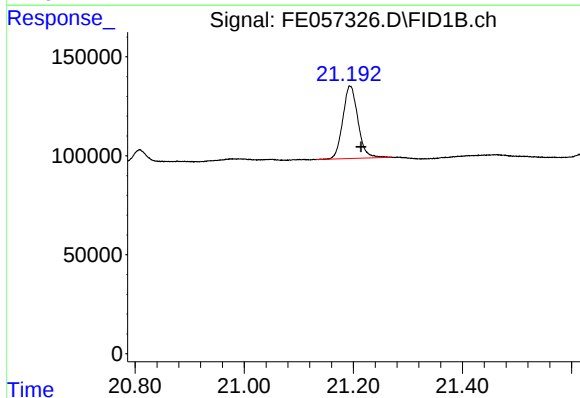
R.T.: 19.707 min
Delta R.T.: -0.017 min
Response: 831030
Conc: 3.89 ug/ml

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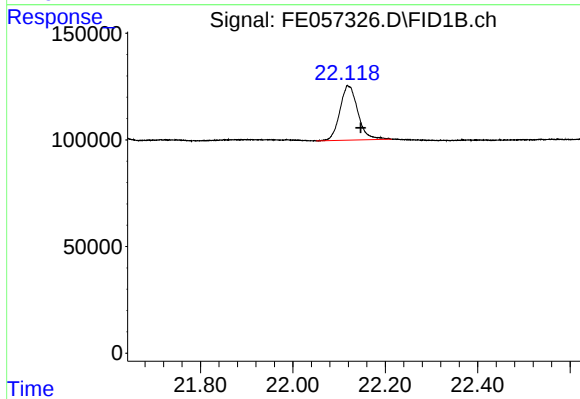
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.016 min
Response: 686751
Conc: 3.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.020 min
Response: 703702
Conc: 4.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.027 min
Response: 686718
Conc: 4.08 ug/ml