

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057325.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 22:37
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 21 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 12 00:21:31 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	5533131	33.247 ug/ml
Spiked Amount 50.000		Recovery =	66.49%
Target Compounds			
1) T n-Nonane (C9)	3.290	201409	1.030 ug/ml
2) T n-Decane (C10)	4.542	251341	1.243 ug/ml
4) T n-Dodecane (C12)	6.713	336160	1.647 ug/ml
6) T n-Tetradecane (C14)	8.546	319673	1.588 ug/ml
7) T n-Hexadecane (C16)	10.158	320137	1.561 ug/ml
8) T n-Octadecane (C18)	11.604	358182	1.738 ug/ml
10) T n-Eicosane (C20)	12.916	400738	2.037 ug/ml
11) T n-Heneicosane (C21)	13.530	341709	1.779 ug/ml
13) T n-Docosane (C22)	14.118	374531	1.940 ug/ml
14) T n-Tetracosane (C24)	15.224	380873	1.923 ug/ml
15) T n-Hexacosane (C26)	16.247	367936	1.855 ug/ml
16) T n-Octacosane (C28)	17.199	421113	2.049 ug/ml
17) T n-Tricontane (C30)	18.088	517874	2.308 ug/ml
18) T n-Dotriacontane (C32)	18.923	542541	2.324 ug/ml
19) T n-Tetratriacontane (C34)	19.709	491634	2.302 ug/ml
20) T n-Hexatriacontane (C36)	20.451	405188	2.177 ug/ml
21) T n-Octatriacontane (C38)	21.196	421985	2.435 ug/ml
22) T n-Tetracontane (C40)	22.122	403578	2.395 ug/ml

(f)=RT Delta > 1/2 Window

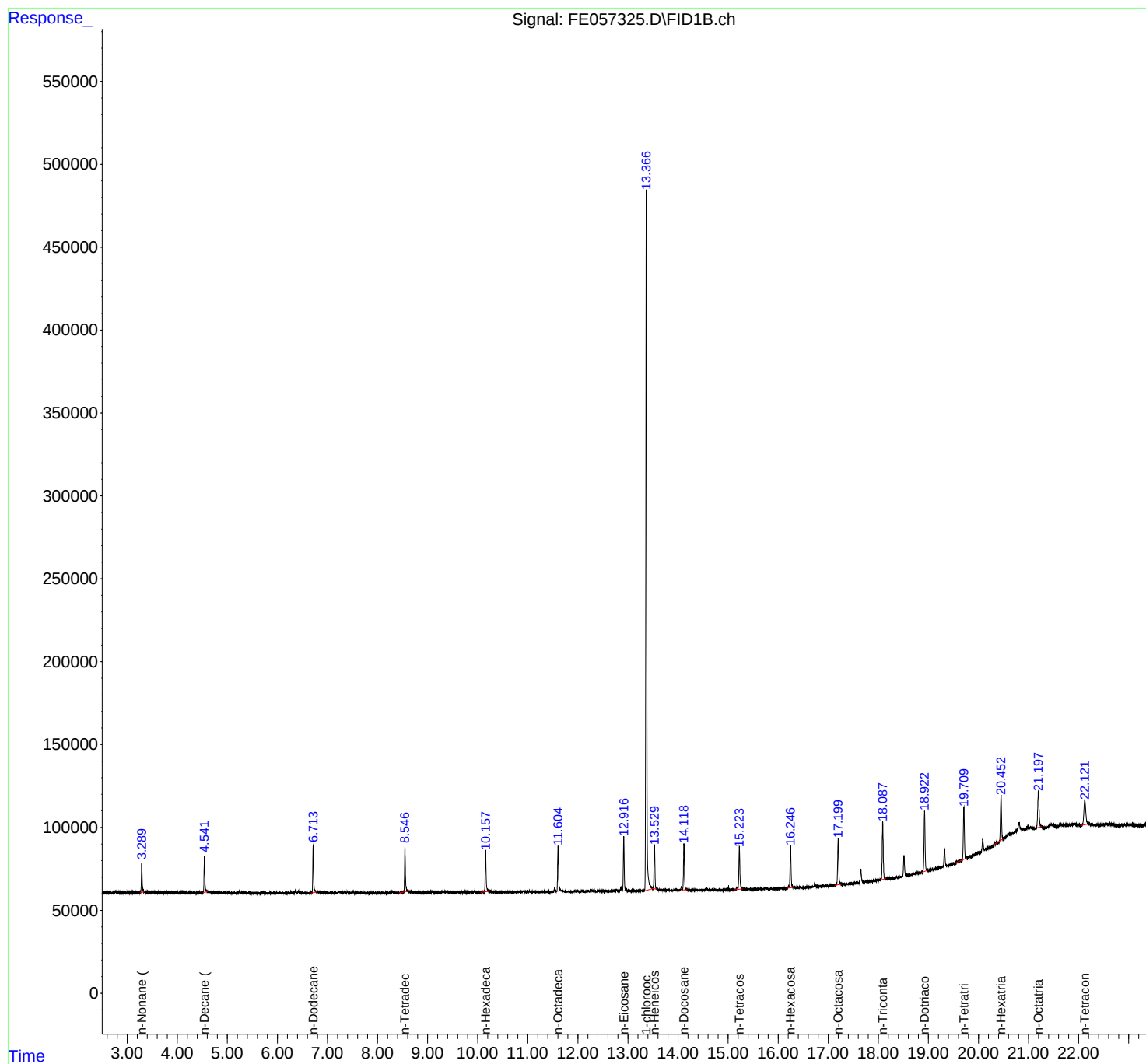
(m)=manual int.

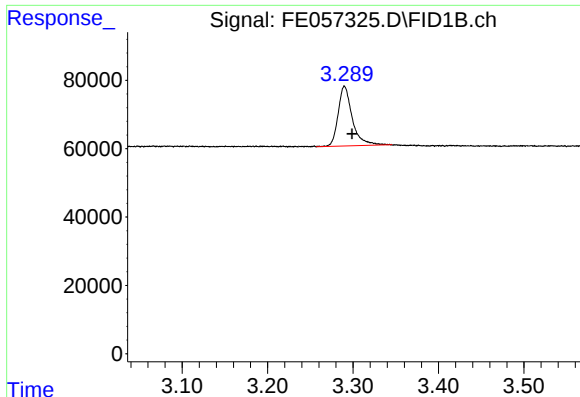
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#1 n-Nonane (C9)

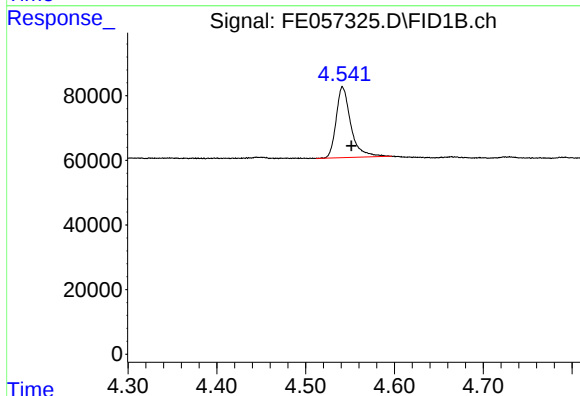
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 201409
Conc: 1.03 ug/ml

Instrument :

FID_E

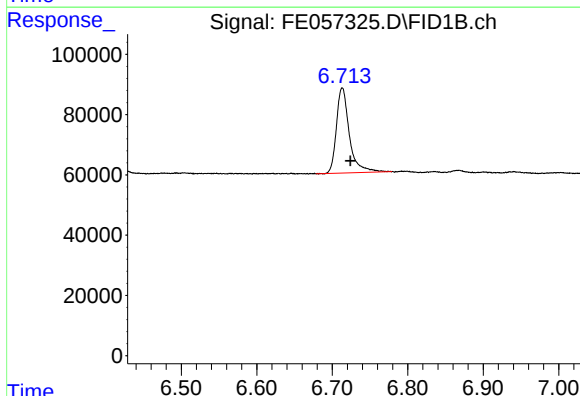
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



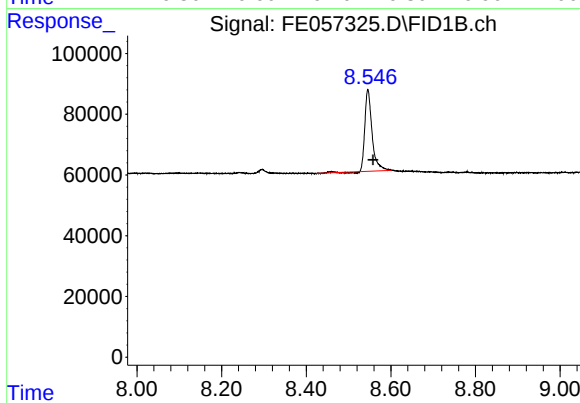
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 251341
Conc: 1.24 ug/ml



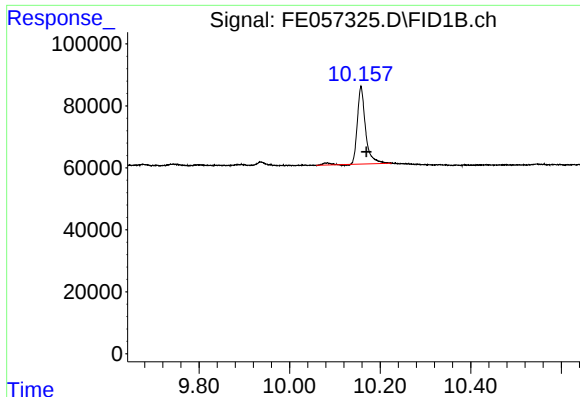
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 336160
Conc: 1.65 ug/ml



#6 n-Tetradecane (C14)

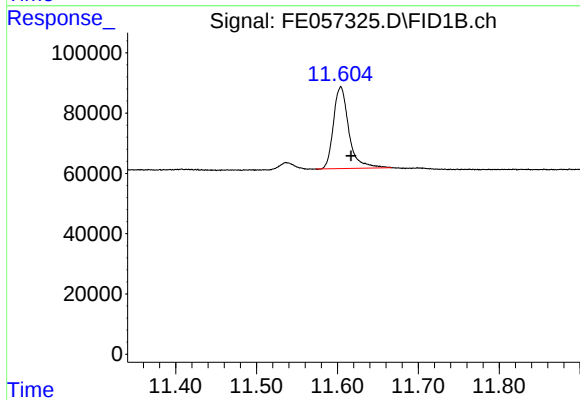
R.T.: 8.546 min
Delta R.T.: -0.012 min
Response: 319673
Conc: 1.59 ug/ml



#7 n-Hexadecane (C16)

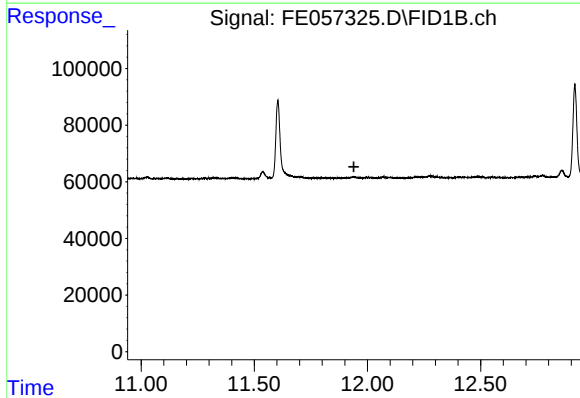
R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 320137
Conc: 1.56 ug/ml

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



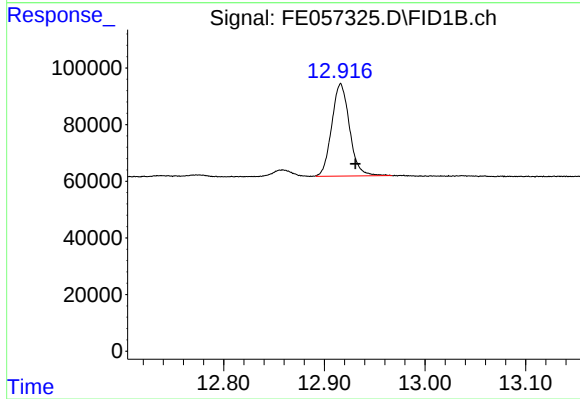
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.013 min
Response: 358182
Conc: 1.74 ug/ml



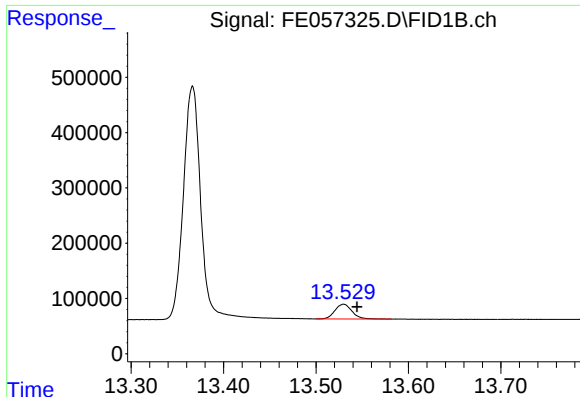
#9 ortho-Terphenyl (SURR)

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.: -0.014 min
Response: 400738
Conc: 2.04 ug/ml



#11 n-Heneicosane (C21)

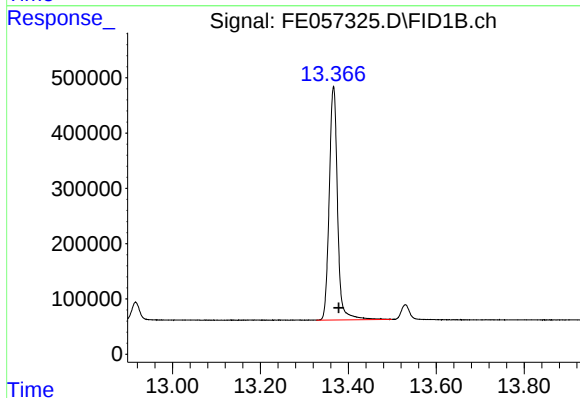
R.T.: 13.530 min
Delta R.T.: -0.014 min
Response: 341709
Conc: 1.78 ug/ml

Instrument :

FID_E

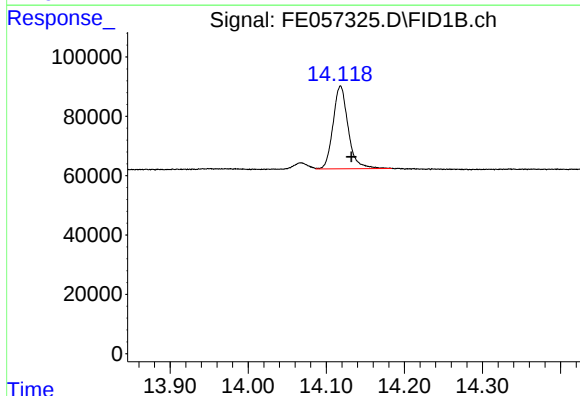
ClientSampleId :

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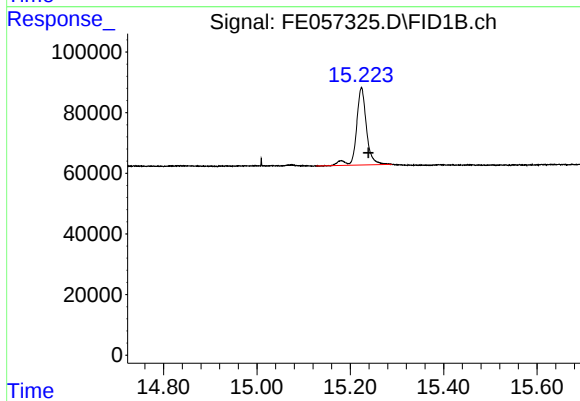
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.012 min
Response: 5533131
Conc: 33.25 ug/ml



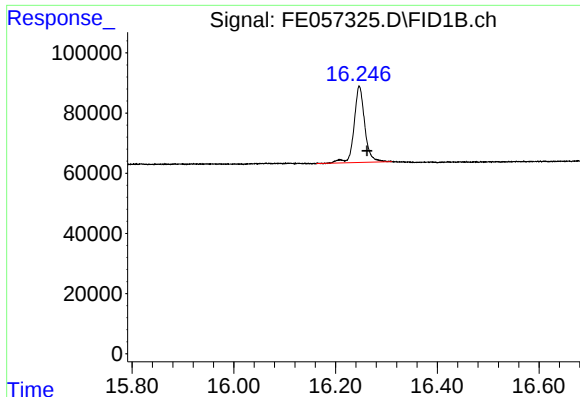
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.014 min
Response: 374531
Conc: 1.94 ug/ml



#14 n-Tetracosane (C24)

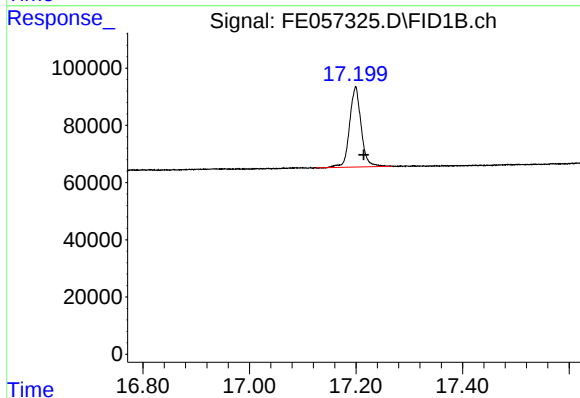
R.T.: 15.224 min
Delta R.T.: -0.014 min
Response: 380873
Conc: 1.92 ug/ml



#15 n-Hexacosane (C26)

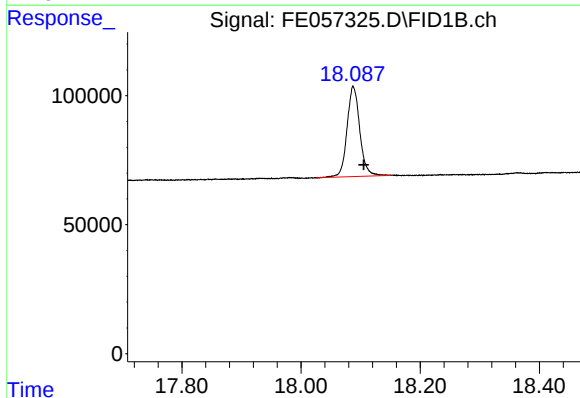
R.T.: 16.247 min
Delta R.T.: -0.015 min
Response: 367936
Conc: 1.85 ug/ml

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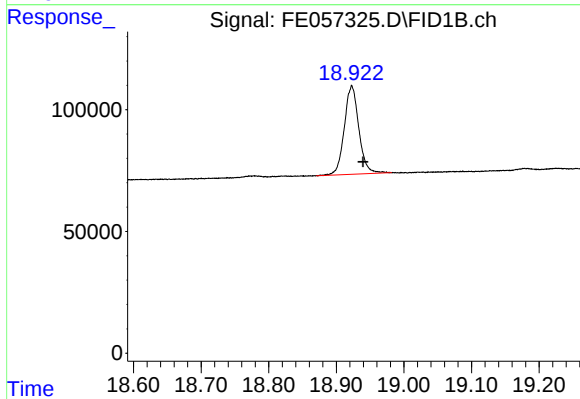
#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.015 min
Response: 421113
Conc: 2.05 ug/ml



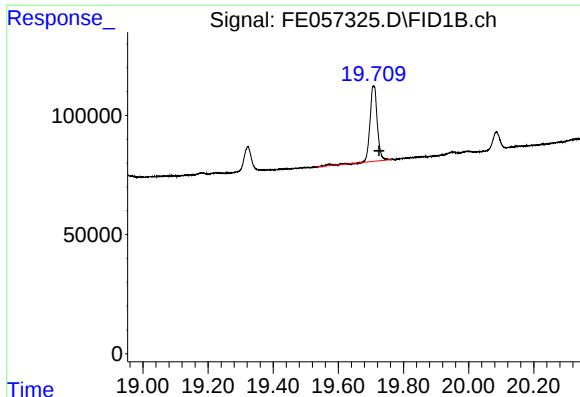
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 517874
Conc: 2.31 ug/ml



#18 n-Dotriacontane (C32)

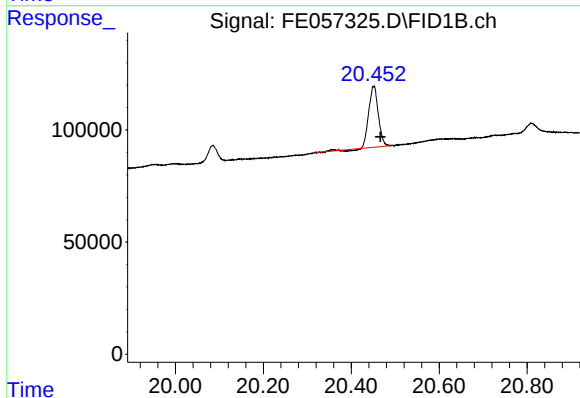
R.T.: 18.923 min
Delta R.T.: -0.017 min
Response: 542541
Conc: 2.32 ug/ml



#19 n-Tetratriacontane (C34)

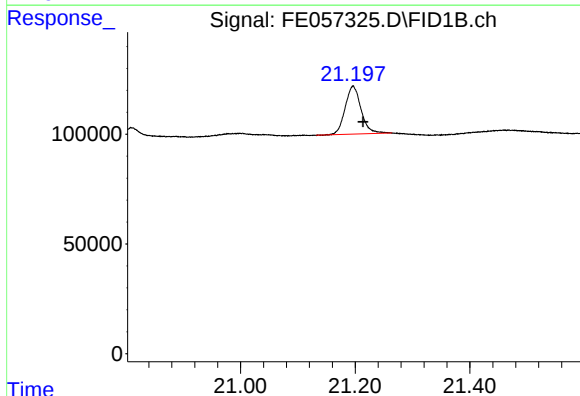
R.T.: 19.709 min
Delta R.T.: -0.016 min
Response: 491634
Conc: 2.30 ug/ml

Instrument :
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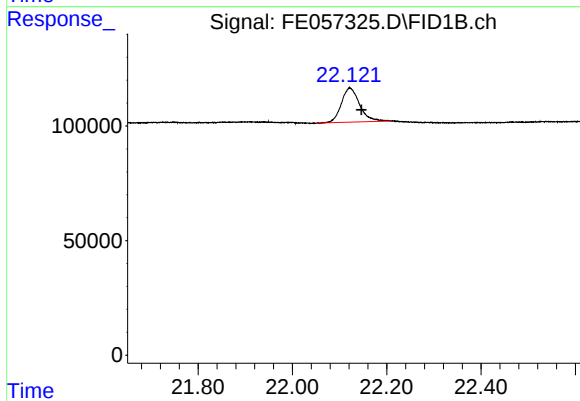
#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.015 min
Response: 405188
Conc: 2.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 421985
Conc: 2.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.025 min
Response: 403578
Conc: 2.39 ug/ml