

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057324.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 22:07
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 12 00:21:06 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	5168367	31.055 ug/ml
Spiked Amount 50.000		Recovery =	62.11%
Target Compounds			
1) T n-Nonane (C9)	3.289	435179	2.225 ug/ml
2) T n-Decane (C10)	4.541	555100	2.744 ug/ml
4) T n-Dodecane (C12)	6.713	666846	3.267 ug/ml
6) T n-Tetradecane (C14)	8.546	694724	3.452 ug/ml
7) T n-Hexadecane (C16)	10.158	683156	3.331 ug/ml
8) T n-Octadecane (C18)	11.604	745883	3.619 ug/ml
10) T n-Eicosane (C20)	12.916	808264	4.109 ug/ml
11) T n-Heneicosane (C21)	13.530	723076	3.764 ug/ml
13) T n-Docosane (C22)	14.118	776292	4.021 ug/ml
14) T n-Tetracosane (C24)	15.224	794642	4.012 ug/ml
15) T n-Hexacosane (C26)	16.248	781924	3.941 ug/ml
16) T n-Octacosane (C28)	17.200	806610	3.925 ug/ml
17) T n-Tricontane (C30)	18.089	873967	3.894 ug/ml
18) T n-Dotriacontane (C32)	18.923	908001	3.890 ug/ml
19) T n-Tetratriacontane (C34)	19.709	881901	4.129 ug/ml
20) T n-Hexatriacontane (C36)	20.451	801968	4.309 ug/ml
21) T n-Octatriacontane (C38)	21.196	843986	4.870 ug/ml
22) T n-Tetracontane (C40)	22.123	810311	4.809 ug/ml

(f)=RT Delta > 1/2 Window

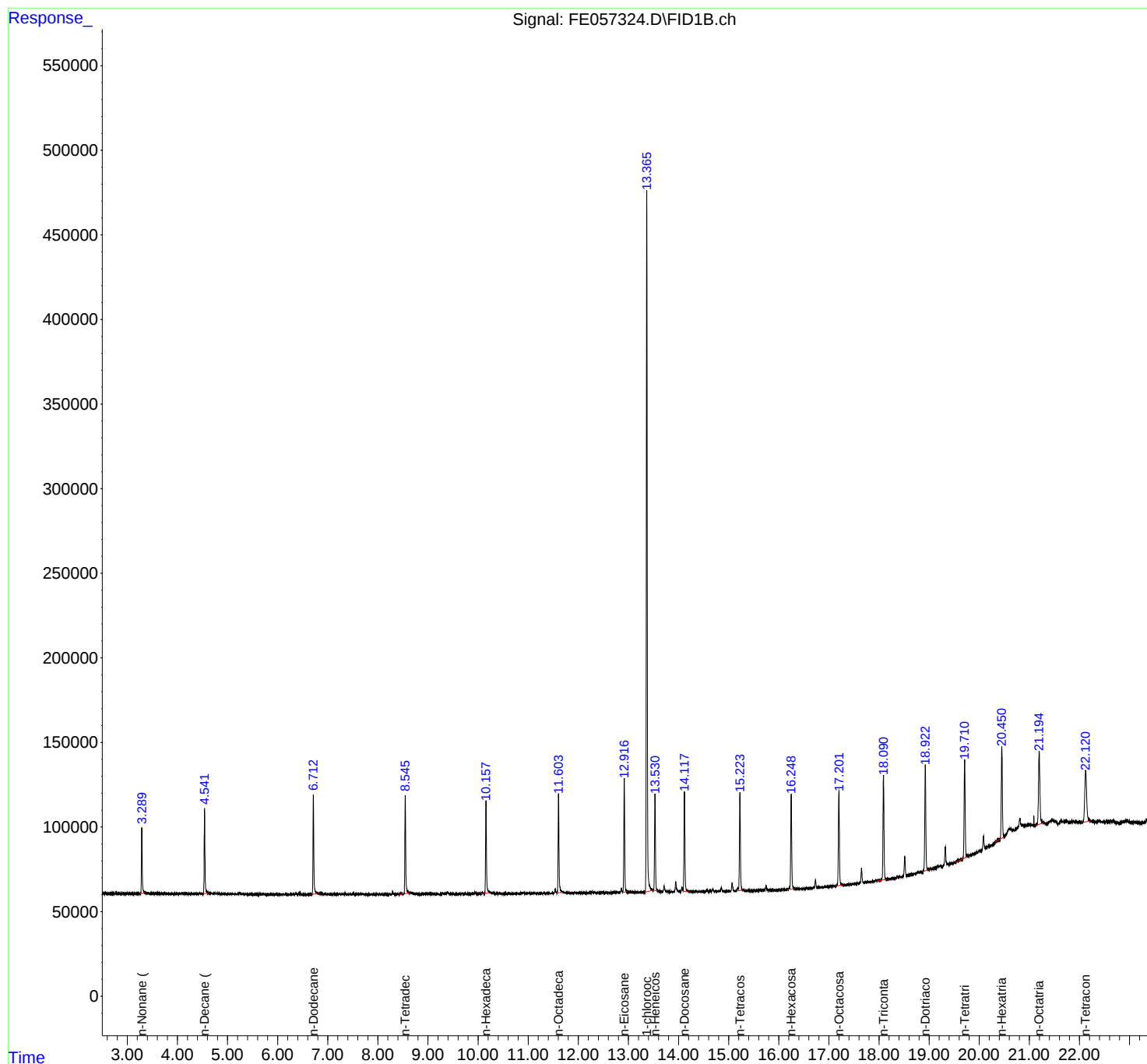
(m)=manual int.

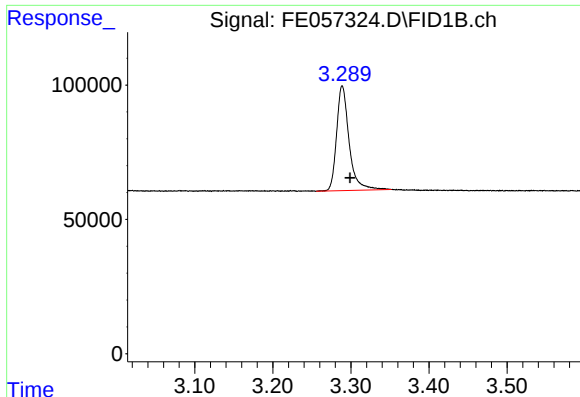
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
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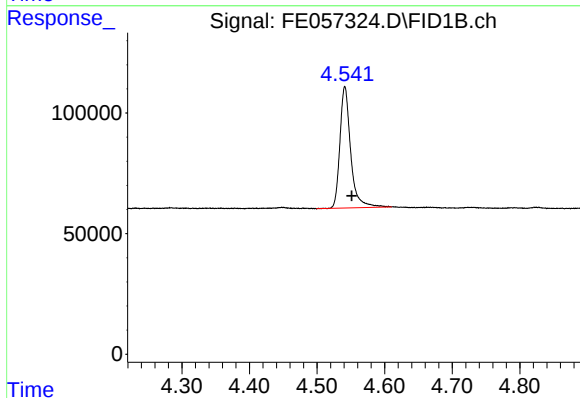




#1 n-Nonane (C9)

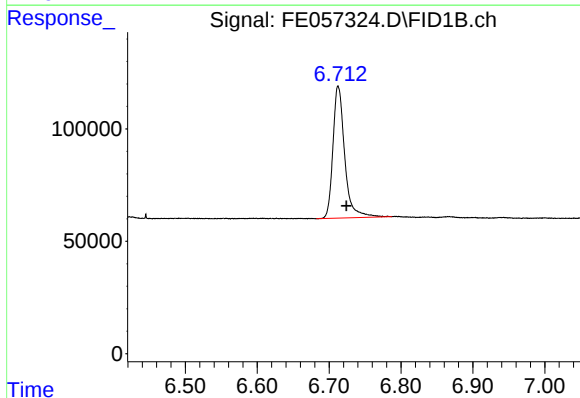
R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 435179
Conc: 2.22 ug/ml

Instrument :
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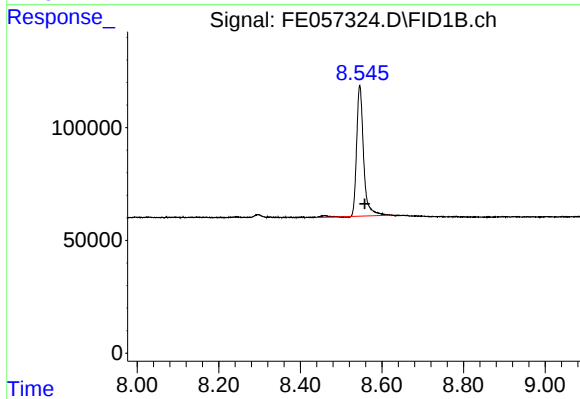
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.010 min
Response: 555100
Conc: 2.74 ug/ml



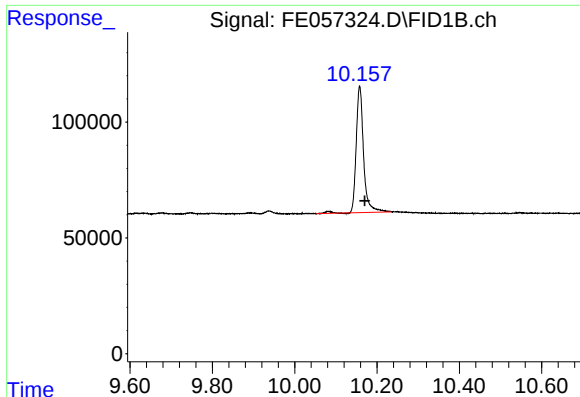
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.011 min
Response: 666846
Conc: 3.27 ug/ml



#6 n-Tetradecane (C14)

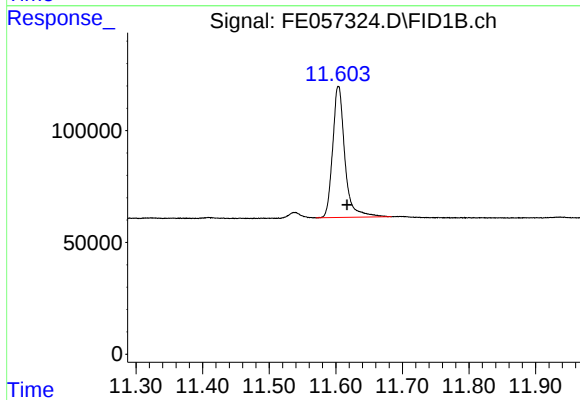
R.T.: 8.546 min
Delta R.T.: -0.012 min
Response: 694724
Conc: 3.45 ug/ml



#7 n-Hexadecane (C16)

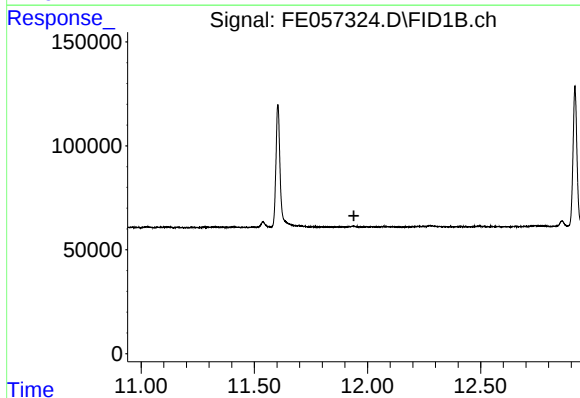
R.T.: 10.158 min
Delta R.T.: -0.012 min
Response: 683156
Conc: 3.33 ug/ml

Instrument :
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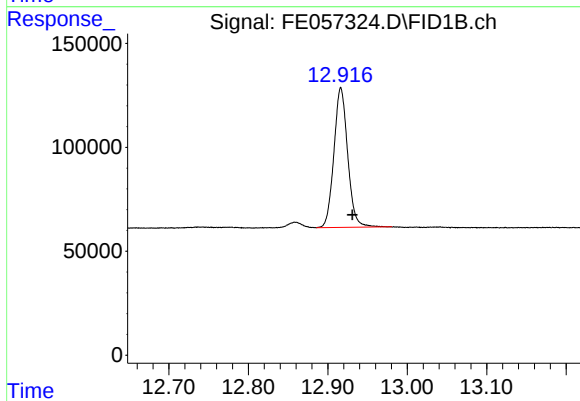
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.013 min
Response: 745883
Conc: 3.62 ug/ml



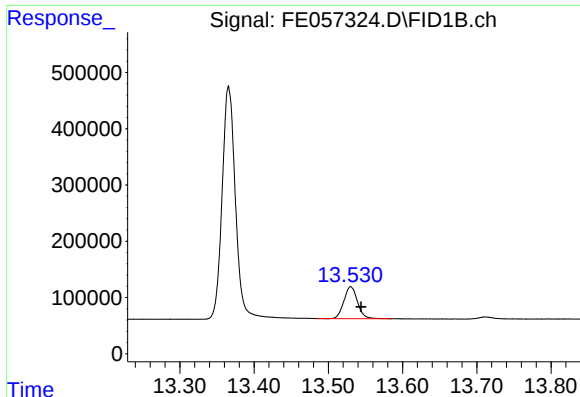
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

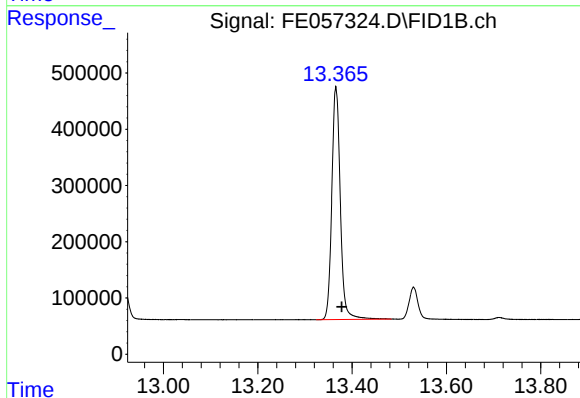
R.T.: 12.916 min
Delta R.T.: -0.014 min
Response: 808264
Conc: 4.11 ug/ml



#11 n-Heneicosane (C21)

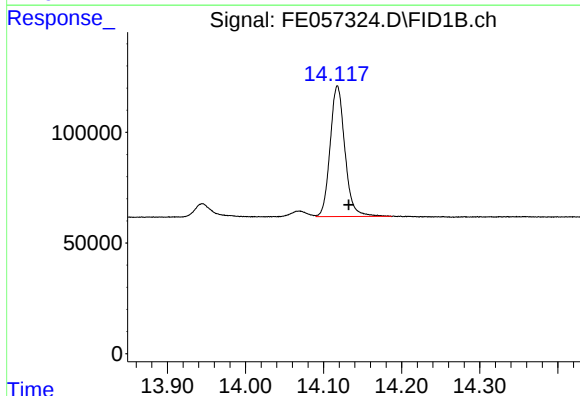
R.T.: 13.530 min
Delta R.T.: -0.014 min
Response: 723076
Conc: 3.76 ug/ml

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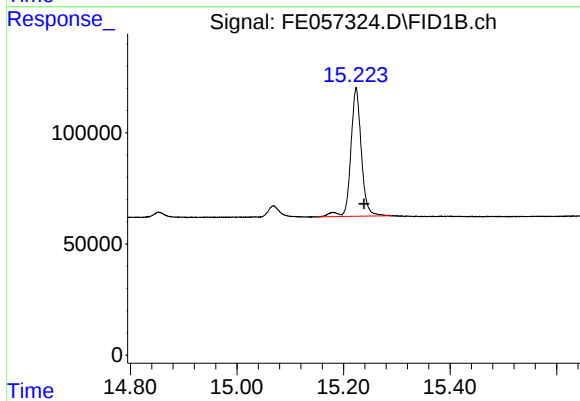
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.012 min
Response: 5168367
Conc: 31.05 ug/ml



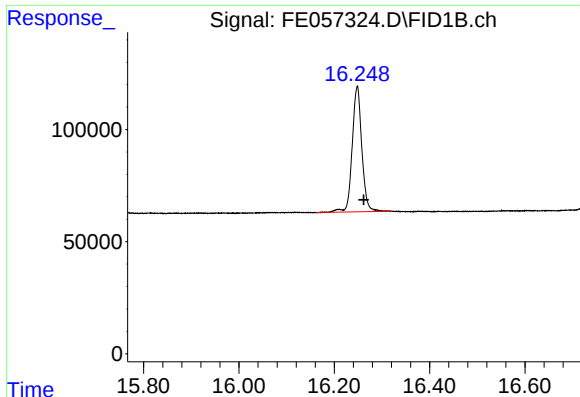
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.015 min
Response: 776292
Conc: 4.02 ug/ml



#14 n-Tetracosane (C24)

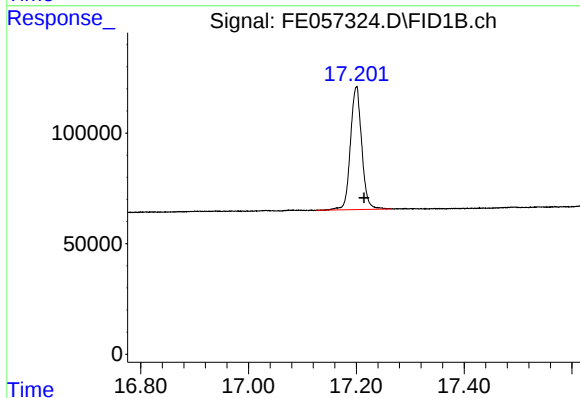
R.T.: 15.224 min
Delta R.T.: -0.015 min
Response: 794642
Conc: 4.01 ug/ml



#15 n-Hexacosane (C26)

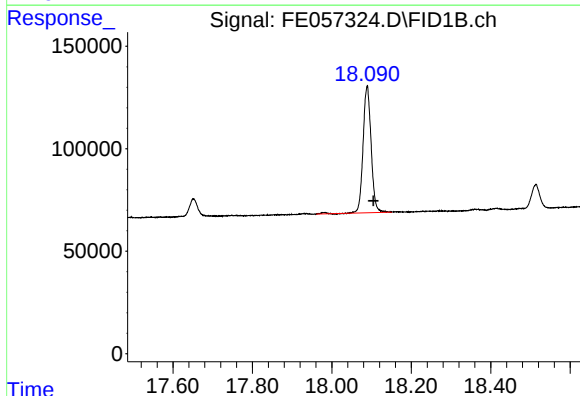
R.T.: 16.248 min
Delta R.T.: -0.014 min
Response: 781924
Conc: 3.94 ug/ml

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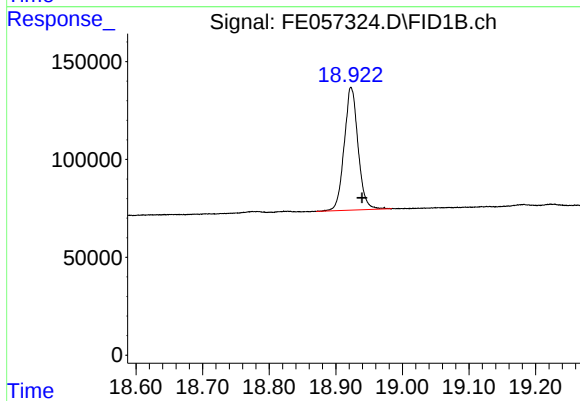
#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.015 min
Response: 806610
Conc: 3.93 ug/ml



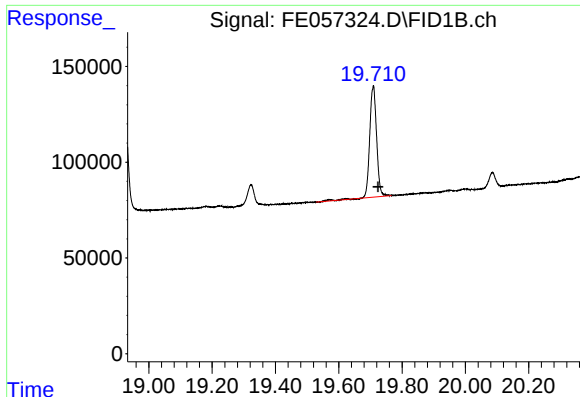
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.016 min
Response: 873967
Conc: 3.89 ug/ml



#18 n-Dotriacontane (C32)

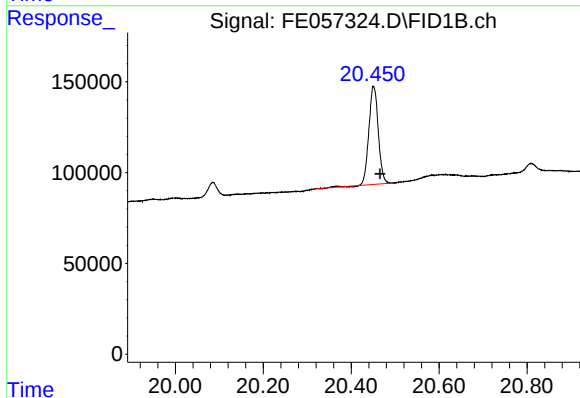
R.T.: 18.923 min
Delta R.T.: -0.016 min
Response: 908001
Conc: 3.89 ug/ml



#19 n-Tetratriacontane (C34)

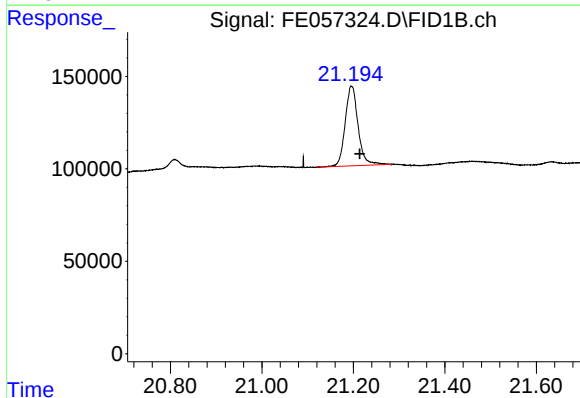
R.T.: 19.709 min
Delta R.T.: -0.016 min
Response: 881901
Conc: 4.13 ug/ml

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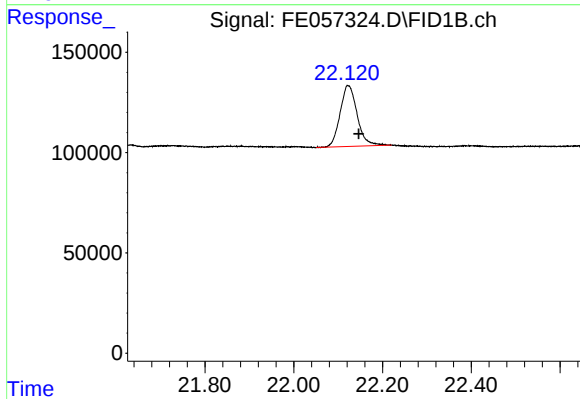
#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.015 min
Response: 801968
Conc: 4.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.018 min
Response: 843986
Conc: 4.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.024 min
Response: 810311
Conc: 4.81 ug/ml