

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017145.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 14:58
 Operator : YP\AJ
 Sample : Q3530-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 25 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 10 01:26:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:54:45 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...	13.472	4835942	41.693 ug/ml
Spiked Amount 50.000		Recovery =	83.39%
Target Compounds			
1) T n-Nonane (C9)	3.353	363850	2.965 ug/ml
2) T n-Decane (C10)	4.613	457623	3.673 ug/ml
4) T n-Dodecane (C12)	6.793	552977	4.357 ug/ml
6) T n-Tetradecane (C14)	8.632	558432	4.471 ug/ml
7) T n-Hexadecane (C16)	10.250	535002	4.163 ug/ml
8) T n-Octadecane (C18)	11.702	606129	4.464 ug/ml
10) T n-Eicosane (C20)	13.020	682111	4.985 ug/ml
11) T n-Heneicosane (C21)	13.636	623709	4.598 ug/ml
13) T n-Docosane (C22)	14.226	643950	4.690 ug/ml
14) T n-Tetracosane (C24)	15.338	603434	4.265 ug/ml
15) T n-Hexacosane (C26)	16.367	585295	4.215 ug/ml
16) T n-Octacosane (C28)	17.323	577608	4.124 ug/ml
17) T n-Tricontane (C30)	18.215	610090	4.109 ug/ml
18) T n-Dotriacontane (C32)	19.054	634281	4.235 ug/ml
19) T n-Tetratriacontane (C34)	19.840	596187	4.542 ug/ml
20) T n-Hexatriacontane (C36)	20.585	533434	5.067 ug/ml
21) T n-Octatriacontane (C38)	21.360	500022	5.460 ug/ml
22) T n-Tetracontane (C40)	22.339	478485	5.869 ug/ml

(f)=RT Delta > 1/2 Window

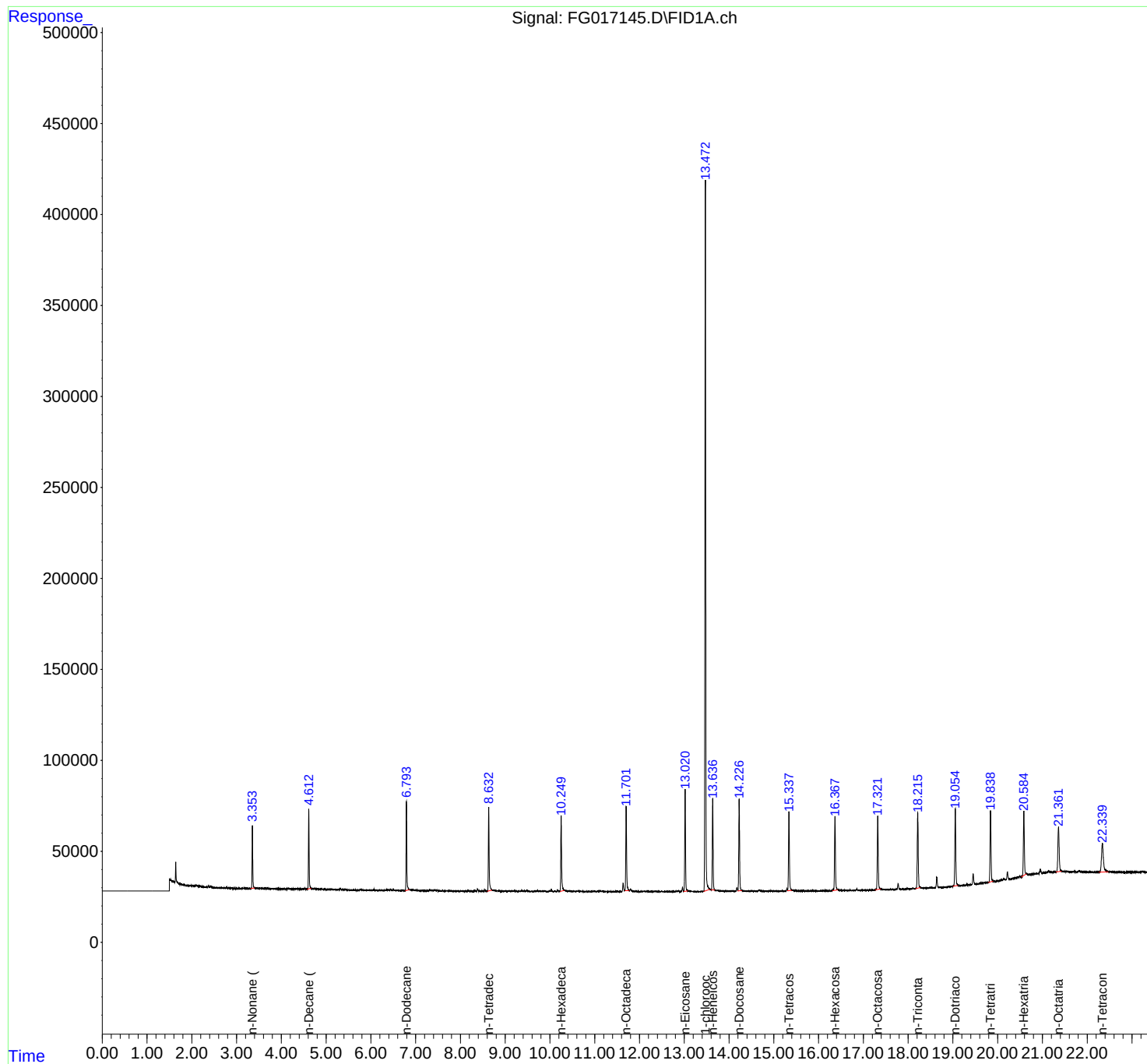
(m)=manual int.

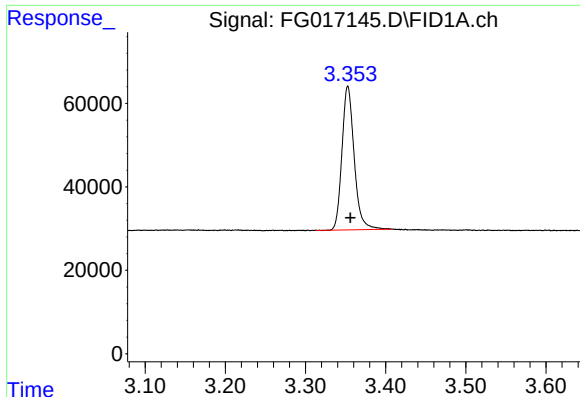
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Signal Info : 20M x 0.18mm x 0.18um

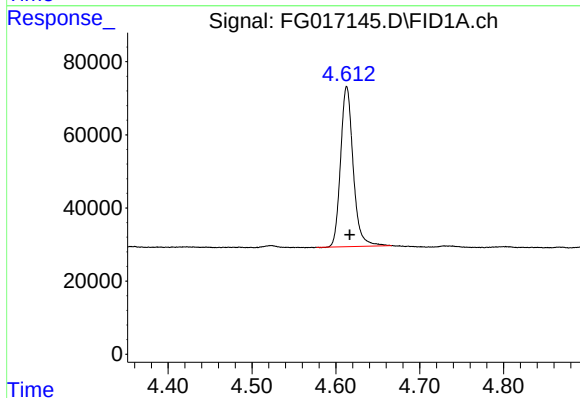




#1 n-Nonane (C9)

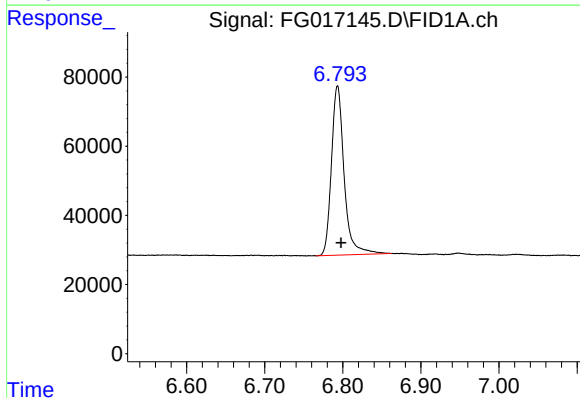
R.T.: 3.353 min
Delta R.T.: -0.003 min
Response: 363850
Conc: 2.96 ug/ml

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



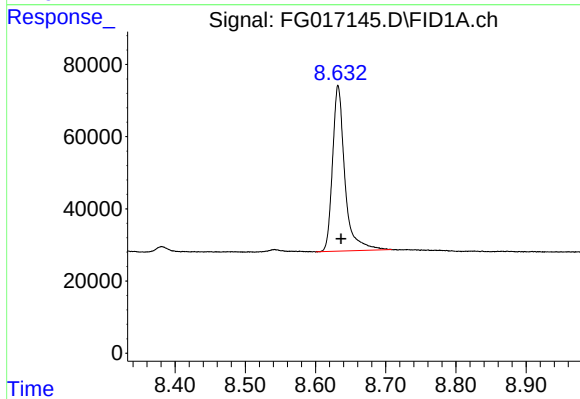
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 457623
Conc: 3.67 ug/ml



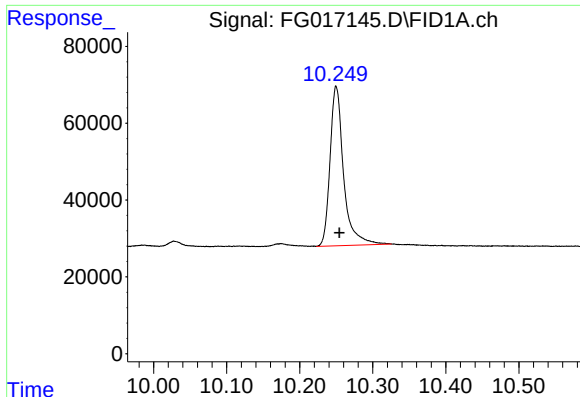
#4 n-Dodecane (C12)

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 552977
Conc: 4.36 ug/ml



#6 n-Tetradecane (C14)

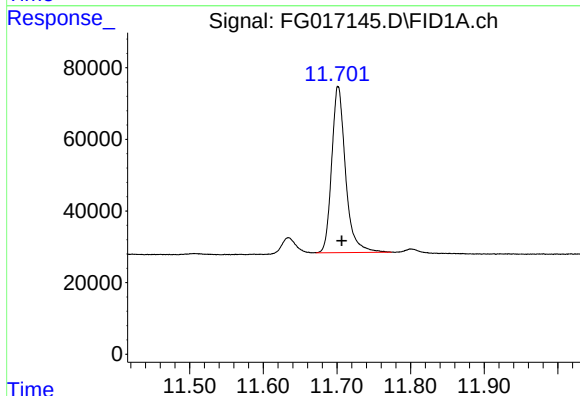
R.T.: 8.632 min
Delta R.T.: -0.004 min
Response: 558432
Conc: 4.47 ug/ml



#7 n-Hexadecane (C16)

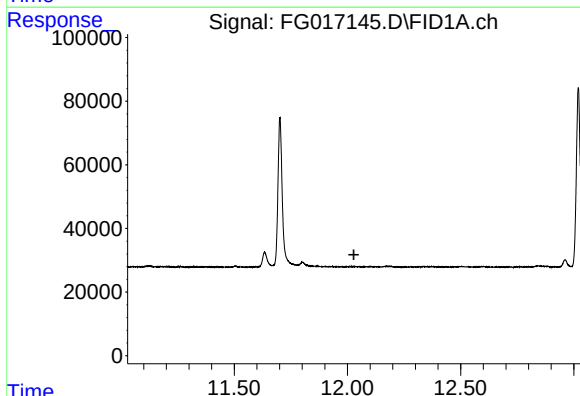
R.T.: 10.250 min
Delta R.T.: -0.004 min
Response: 535002
Conc: 4.16 ug/ml

Instrument :
FID_G
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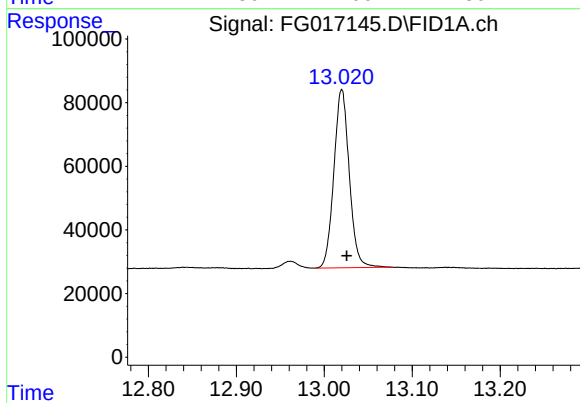
#8 n-Octadecane (C18)

R.T.: 11.702 min
Delta R.T.: -0.005 min
Response: 606129
Conc: 4.46 ug/ml



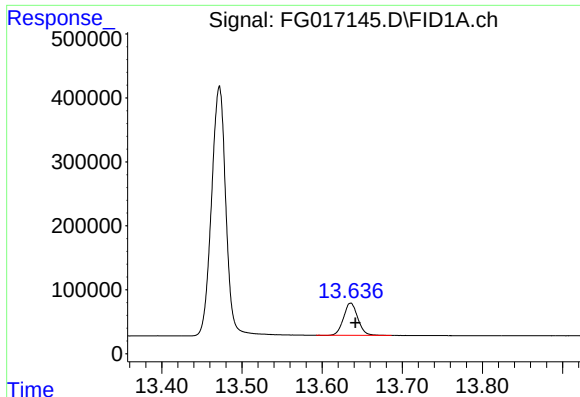
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 12.028 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

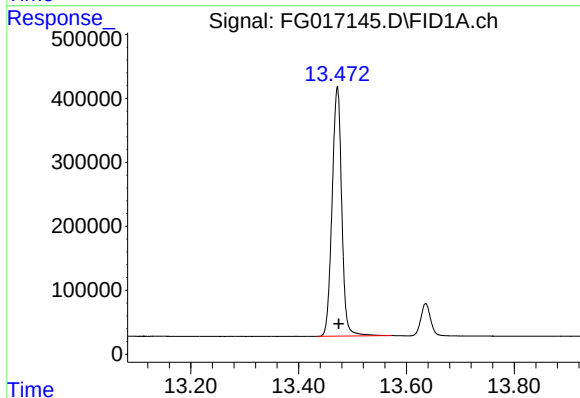
R.T.: 13.020 min
Delta R.T.: -0.006 min
Response: 682111
Conc: 4.98 ug/ml



#11 n-Heneicosane (C21)

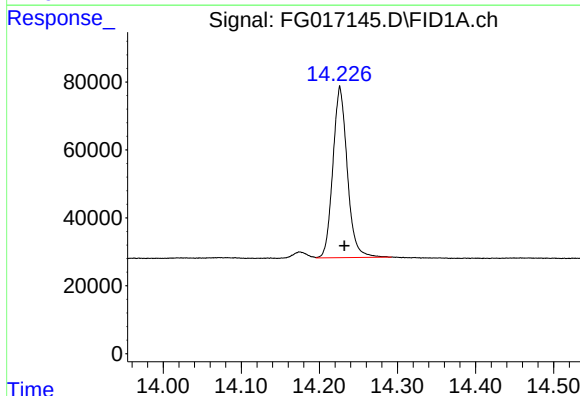
R.T.: 13.636 min
Delta R.T.: -0.006 min
Response: 623709
Conc: 4.60 ug/ml

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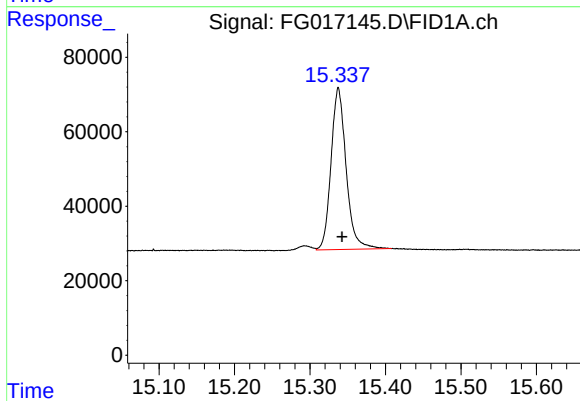
#12 1-chlorooctadecane (SURR)

R.T.: 13.472 min
Delta R.T.: -0.003 min
Response: 4835942
Conc: 41.69 ug/ml



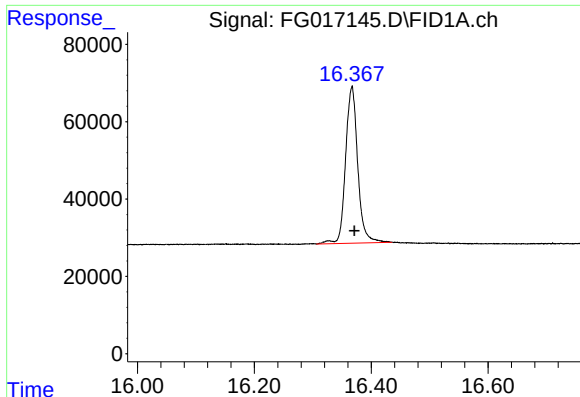
#13 n-Docosane (C22)

R.T.: 14.226 min
Delta R.T.: -0.006 min
Response: 643950
Conc: 4.69 ug/ml



#14 n-Tetracosane (C24)

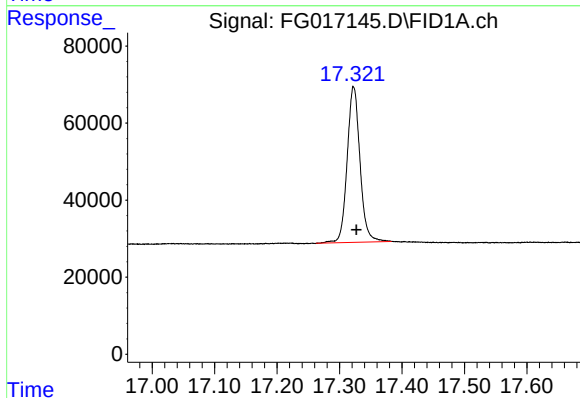
R.T.: 15.338 min
Delta R.T.: -0.005 min
Response: 603434
Conc: 4.27 ug/ml



#15 n-Hexacosane (C26)

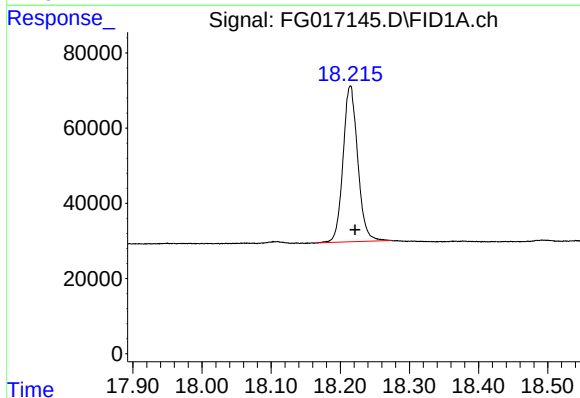
R.T.: 16.367 min
Delta R.T.: -0.004 min
Response: 585295
Conc: 4.22 ug/ml

Instrument :
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ClientSampleId :
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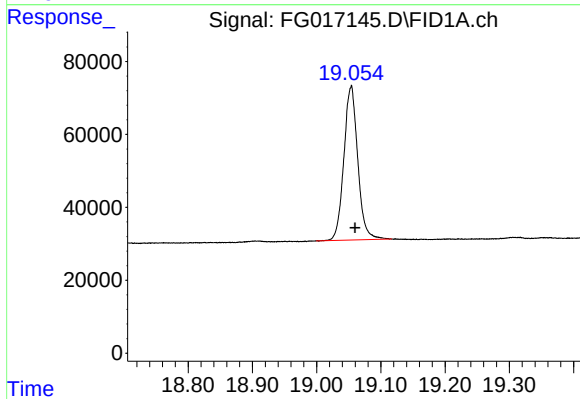
#16 n-Octacosane (C28)

R.T.: 17.323 min
Delta R.T.: -0.005 min
Response: 577608
Conc: 4.12 ug/ml



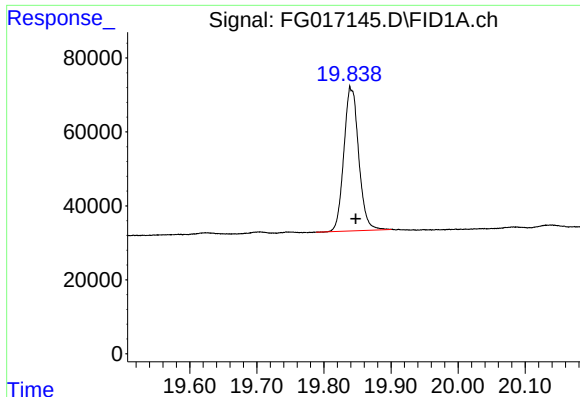
#17 n-Tricontane (C30)

R.T.: 18.215 min
Delta R.T.: -0.007 min
Response: 610090
Conc: 4.11 ug/ml



#18 n-Dotriacontane (C32)

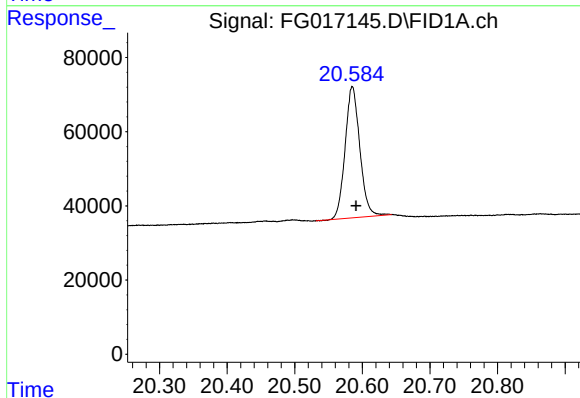
R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 634281
Conc: 4.24 ug/ml



#19 n-Tetratriacontane (C34)

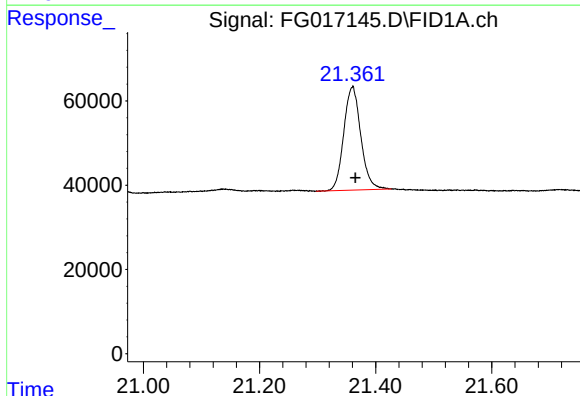
R.T.: 19.840 min
Delta R.T.: -0.008 min
Response: 596187
Conc: 4.54 ug/ml

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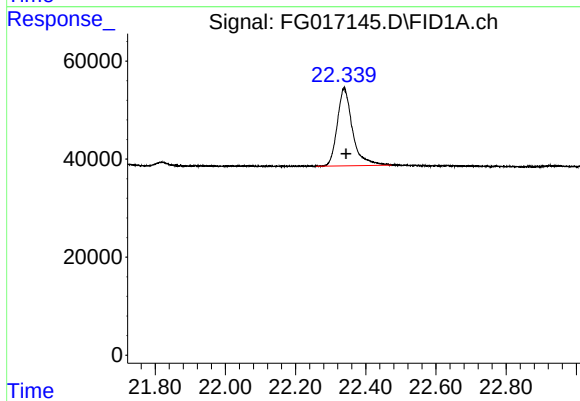
#20 n-Hexatriacontane (C36)

R.T.: 20.585 min
Delta R.T.: -0.006 min
Response: 533434
Conc: 5.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.005 min
Response: 500022
Conc: 5.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.006 min
Response: 478485
Conc: 5.87 ug/ml