

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017103.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 19:45
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : LOD-LOQ-SOIL-0.4 ML-QT4-2025
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Integration File: autoint1.e
 Quant Time: Dec 06 03:18:17 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...	13.473	2063904	17.794 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	3.355	246793	2.011 ug/ml
2) T n-Decane (C10)	4.615	314107	2.521 ug/ml
4) T n-Dodecane (C12)	6.795	389029	3.065 ug/ml
6) T n-Tetradecane (C14)	8.634	392827	3.145 ug/ml
7) T n-Hexadecane (C16)	10.252	367253	2.858 ug/ml
8) T n-Octadecane (C18)	11.704	405284	2.985 ug/ml
10) T n-Eicosane (C20)	13.023	467441	3.416 ug/ml
11) T n-Heneicosane (C21)	13.639	418595	3.086 ug/ml
13) T n-Docosane (C22)	14.229	437435	3.186 ug/ml
14) T n-Tetracosane (C24)	15.341	416356	2.943 ug/ml
15) T n-Hexacosane (C26)	16.370	396339	2.854 ug/ml
16) T n-Octacosane (C28)	17.325	380313	2.715 ug/ml
17) T n-Tricontane (C30)	18.218	380003	2.559 ug/ml
18) T n-Dotriacontane (C32)	19.054	368882	2.463 ug/ml
19) T n-Tetratriacontane (C34)	19.843	352815	2.688 ug/ml
20) T n-Hexatriacontane (C36)	20.587	331608	3.150 ug/ml
21) T n-Octatriacontane (C38)	21.360	326378	3.564 ug/ml
22) T n-Tetracontane (C40)	22.339	316128	3.877 ug/ml

(f)=RT Delta > 1/2 Window

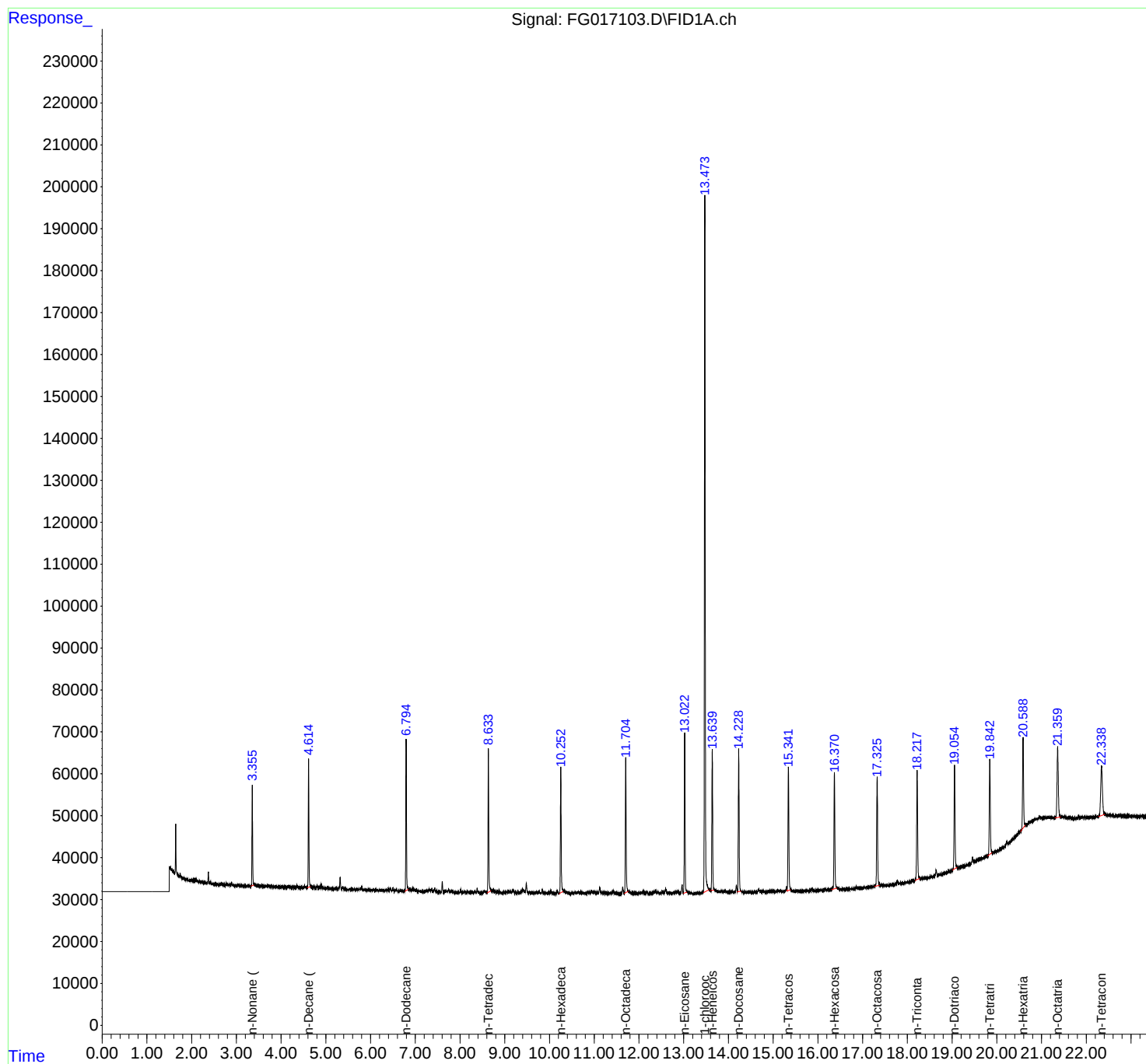
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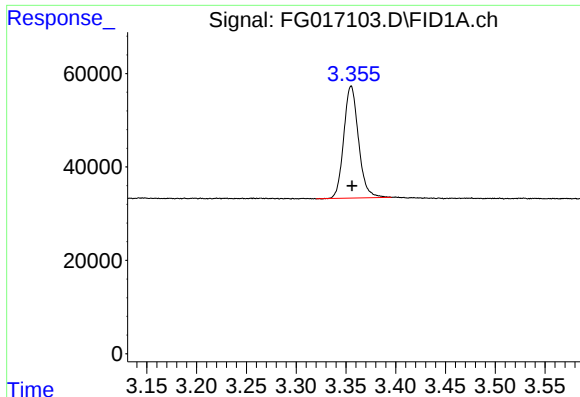
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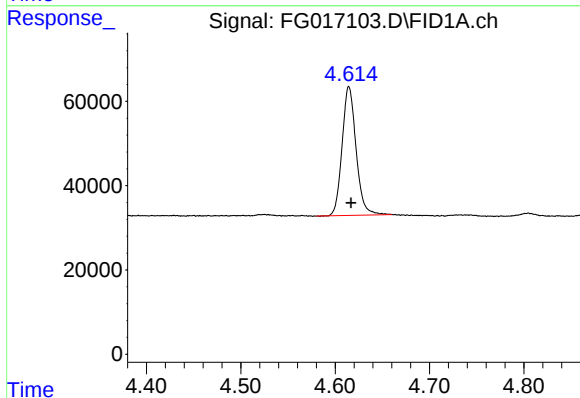




#1 n-Nonane (C9)

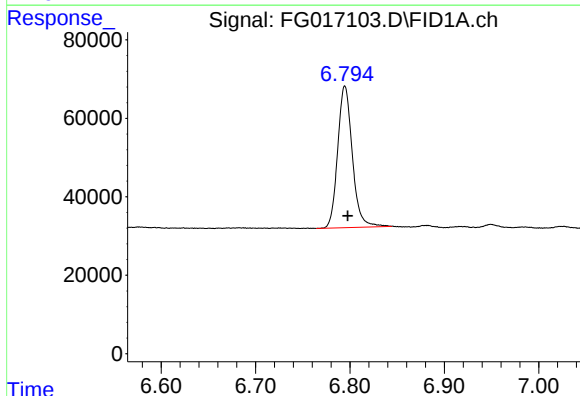
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 246793
Conc: 2.01 ug/ml

Instrument :
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LOD-MDL-SOIL-01-QT4-2025



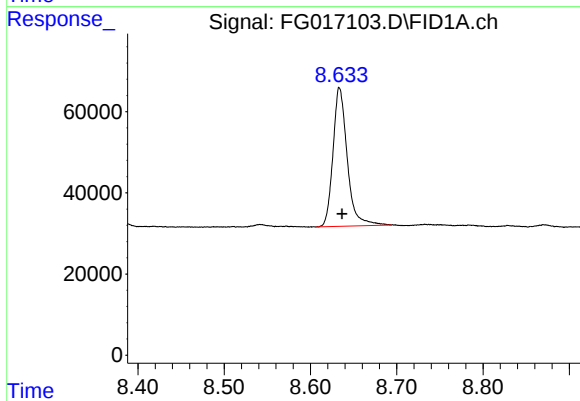
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 314107
Conc: 2.52 ug/ml



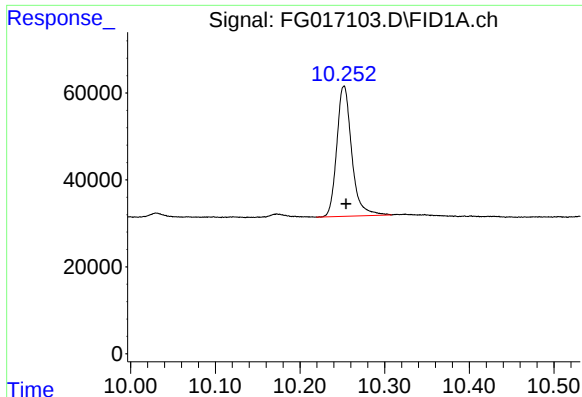
#4 n-Dodecane (C12)

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 389029
Conc: 3.07 ug/ml



#6 n-Tetradecane (C14)

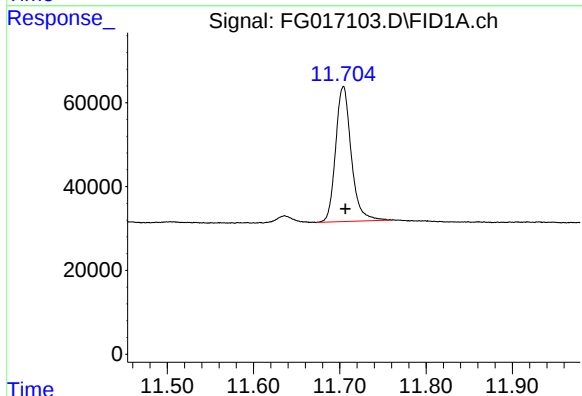
R.T.: 8.634 min
Delta R.T.: -0.003 min
Response: 392827
Conc: 3.14 ug/ml



#7 n-Hexadecane (C16)

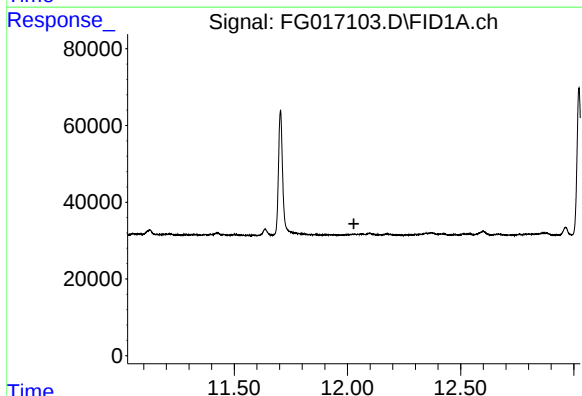
R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 367253
Conc: 2.86 ug/ml

Instrument :
FID_G
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LOD-MDL-SOIL-01-QT4-2025



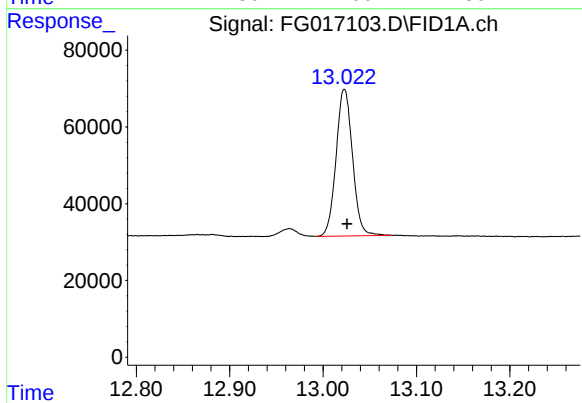
#8 n-Octadecane (C18)

R.T.: 11.704 min
Delta R.T.: -0.002 min
Response: 405284
Conc: 2.98 ug/ml



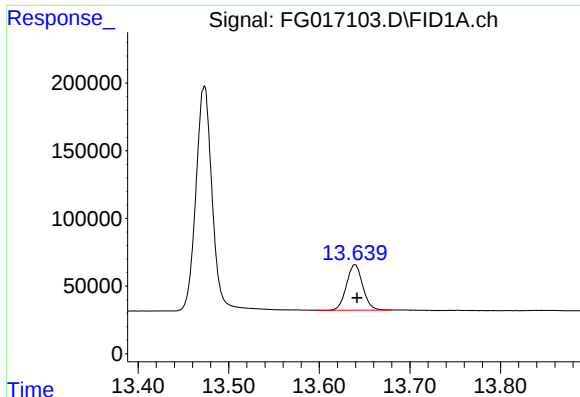
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

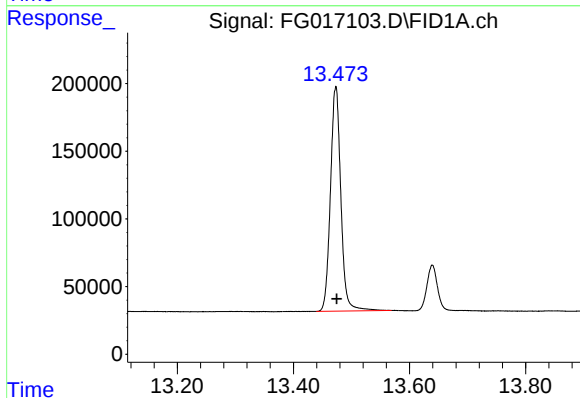
R.T.: 13.023 min
Delta R.T.: -0.003 min
Response: 467441
Conc: 3.42 ug/ml



#11 n-Heneicosane (C21)

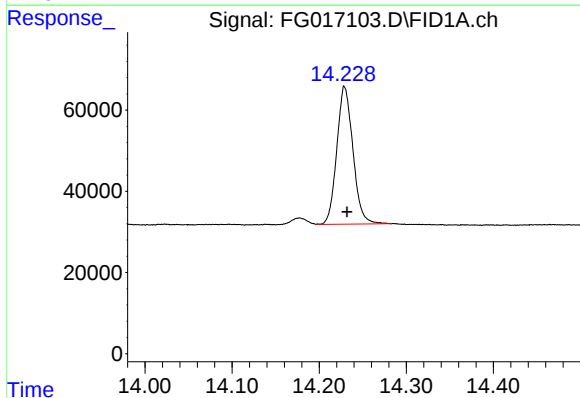
R.T.: 13.639 min
Delta R.T.: -0.002 min
Response: 418595
Conc: 3.09 ug/ml

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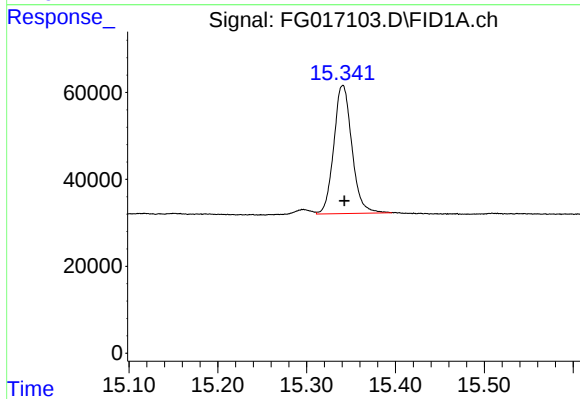
#12 1-chlorooctadecane (SURR)

R.T.: 13.473 min
Delta R.T.: -0.002 min
Response: 2063904
Conc: 17.79 ug/ml



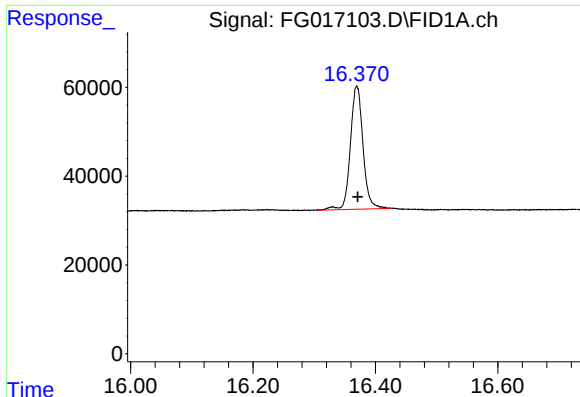
#13 n-Docosane (C22)

R.T.: 14.229 min
Delta R.T.: -0.003 min
Response: 437435
Conc: 3.19 ug/ml



#14 n-Tetracosane (C24)

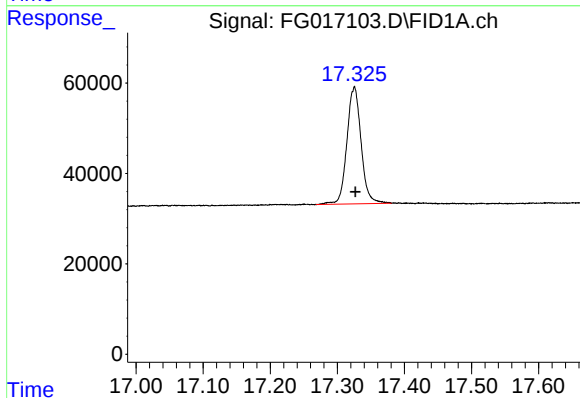
R.T.: 15.341 min
Delta R.T.: -0.002 min
Response: 416356
Conc: 2.94 ug/ml



#15 n-Hexacosane (C26)

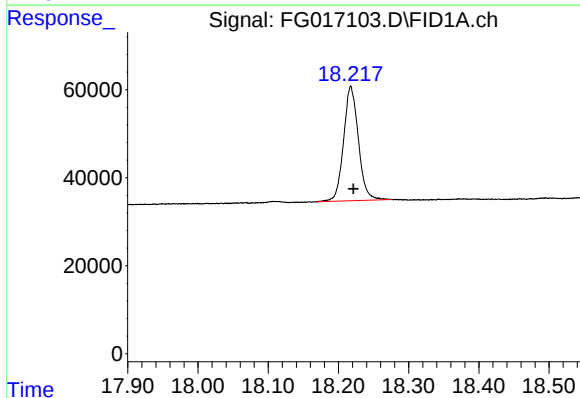
R.T.: 16.370 min
Delta R.T.: -0.001 min
Response: 396339
Conc: 2.85 ug/ml

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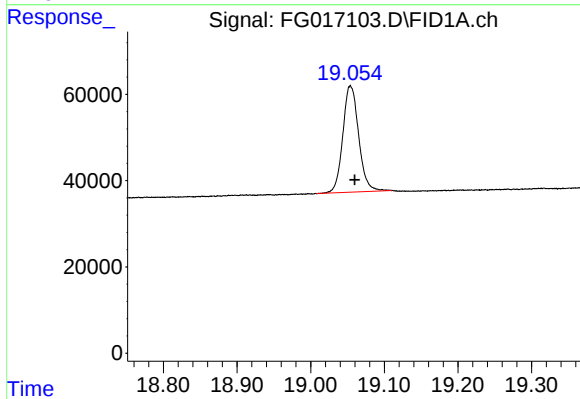
#16 n-Octacosane (C28)

R.T.: 17.325 min
Delta R.T.: -0.002 min
Response: 380313
Conc: 2.72 ug/ml



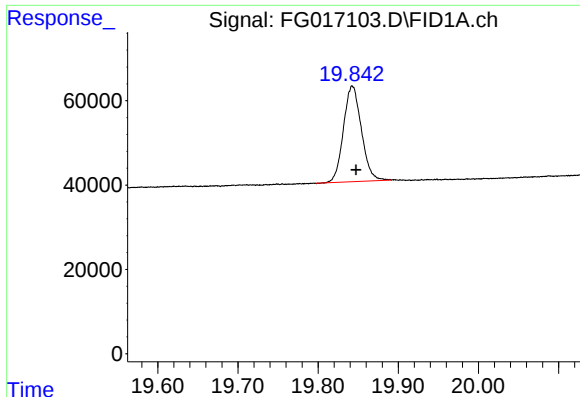
#17 n-Tricontane (C30)

R.T.: 18.218 min
Delta R.T.: -0.004 min
Response: 380003
Conc: 2.56 ug/ml



#18 n-Dotriacontane (C32)

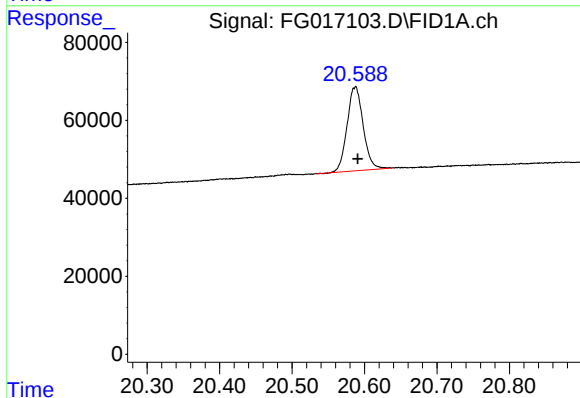
R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 368882
Conc: 2.46 ug/ml



#19 n-Tetratriacontane (C34)

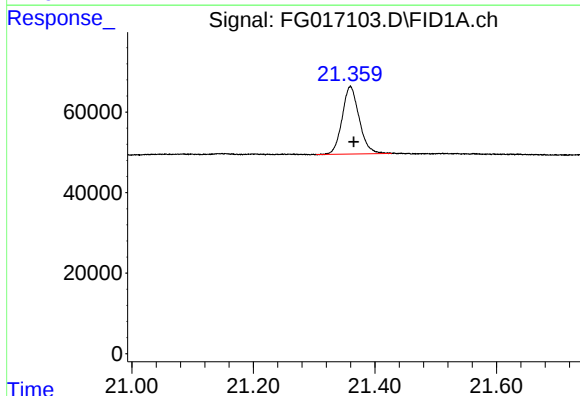
R.T.: 19.843 min
Delta R.T.: -0.005 min
Response: 352815
Conc: 2.69 ug/ml

Instrument :
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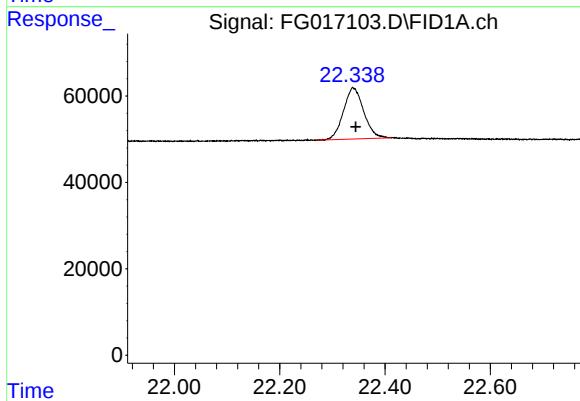
#20 n-Hexatriacontane (C36)

R.T.: 20.587 min
Delta R.T.: -0.003 min
Response: 331608
Conc: 3.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.005 min
Response: 326378
Conc: 3.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.005 min
Response: 316128
Conc: 3.88 ug/ml