

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017142.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 13:30
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : 5PPM SOIL LOQ
 ALS Vial : 25 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 10 01:25:13 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	5014313	43.231 ug/ml
Spiked Amount 50.000		Recovery =	86.46%
Target Compounds			
1) T n-Nonane (C9)	3.353	378088	3.081 ug/ml
2) T n-Decane (C10)	4.613	486929	3.908 ug/ml
4) T n-Dodecane (C12)	6.793	588997	4.641 ug/ml
6) T n-Tetradecane (C14)	8.632	595477	4.767 ug/ml
7) T n-Hexadecane (C16)	10.250	561921	4.372 ug/ml
8) T n-Octadecane (C18)	11.702	627696	4.623 ug/ml
10) T n-Eicosane (C20)	13.020	707850	5.173 ug/ml
11) T n-Heneicosane (C21)	13.637	641738	4.731 ug/ml
13) T n-Docosane (C22)	14.228	658223	4.794 ug/ml
14) T n-Tetracosane (C24)	15.339	612644	4.330 ug/ml
15) T n-Hexacosane (C26)	16.366	590245	4.251 ug/ml
16) T n-Octacosane (C28)	17.321	587439	4.194 ug/ml
17) T n-Tricontane (C30)	18.214	620881	4.181 ug/ml
18) T n-Dotriacontane (C32)	19.054	655371	4.376 ug/ml
19) T n-Tetratriacontane (C34)	19.841	612282	4.664 ug/ml
20) T n-Hexatriacontane (C36)	20.586	541354	5.142 ug/ml
21) T n-Octatriacontane (C38)	21.360	519957	5.678 ug/ml
22) T n-Tetracontane (C40)	22.339	475698	5.835 ug/ml

(f)=RT Delta > 1/2 Window

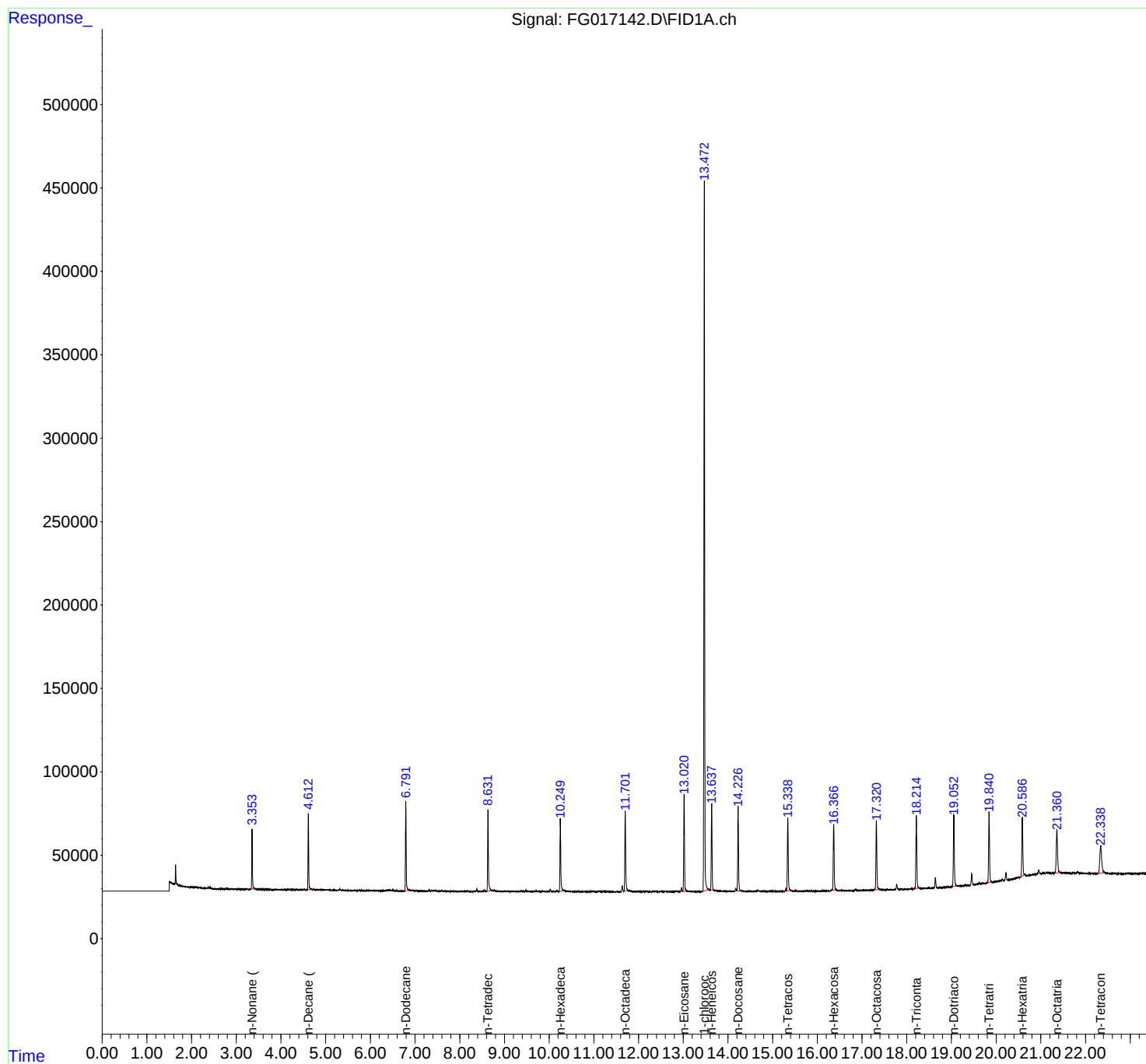
(m)=manual int.

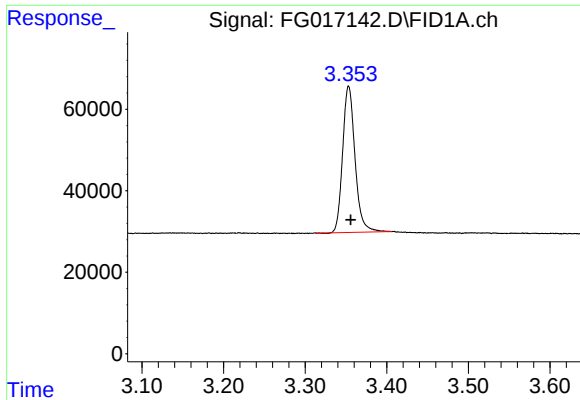
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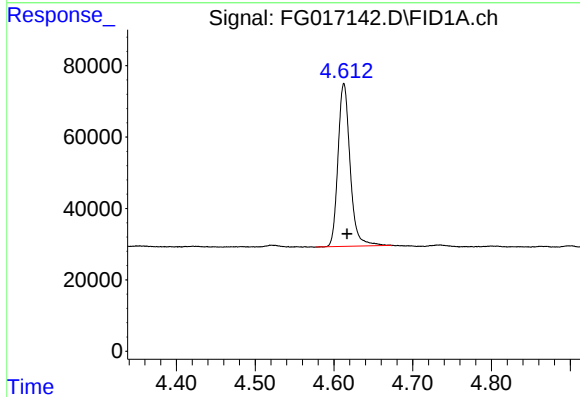




#1 n-Nonane (C9)

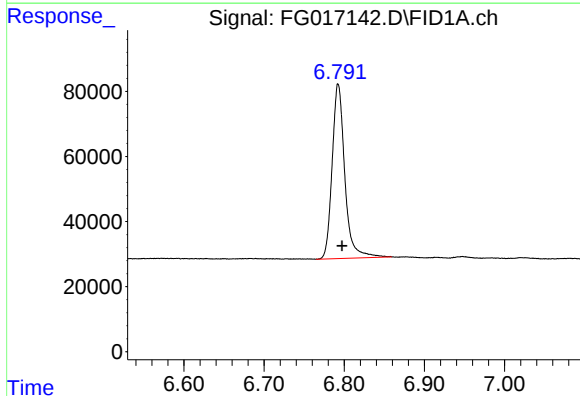
R.T.: 3.353 min
Delta R.T.: -0.003 min
Response: 378088
Conc: 3.08 ug/ml

Instrument :
FID_G
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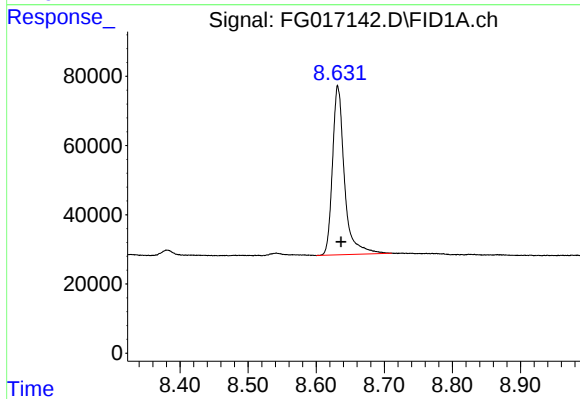
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 486929
Conc: 3.91 ug/ml



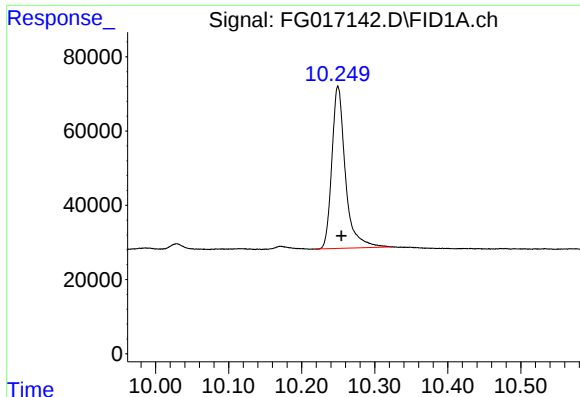
#4 n-Dodecane (C12)

R.T.: 6.793 min
Delta R.T.: -0.005 min
Response: 588997
Conc: 4.64 ug/ml



#6 n-Tetradecane (C14)

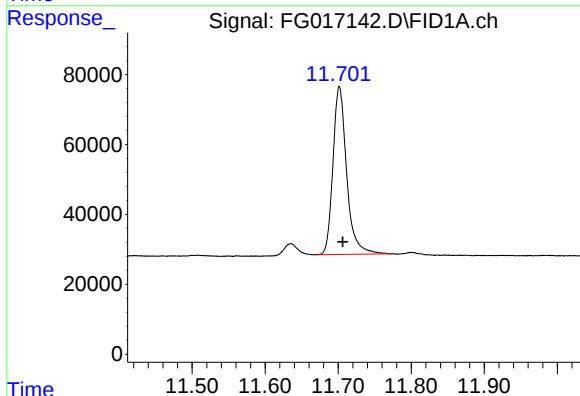
R.T.: 8.632 min
Delta R.T.: -0.005 min
Response: 595477
Conc: 4.77 ug/ml



#7 n-Hexadecane (C16)

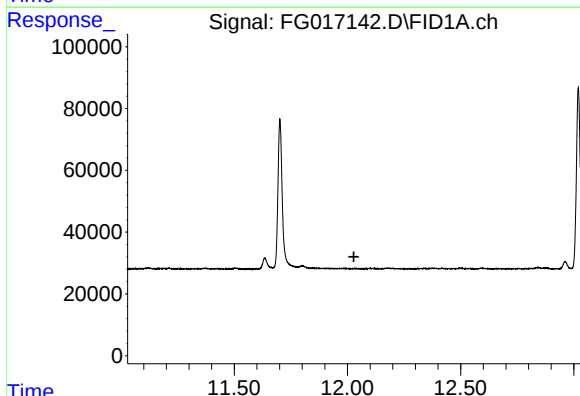
R.T.: 10.250 min
Delta R.T.: -0.005 min
Response: 561921
Conc: 4.37 ug/ml

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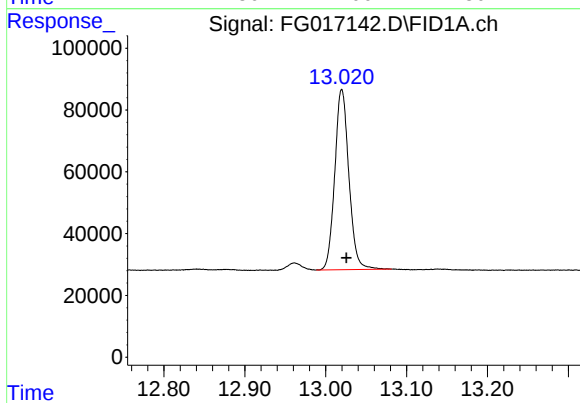
#8 n-Octadecane (C18)

R.T.: 11.702 min
Delta R.T.: -0.005 min
Response: 627696
Conc: 4.62 ug/ml



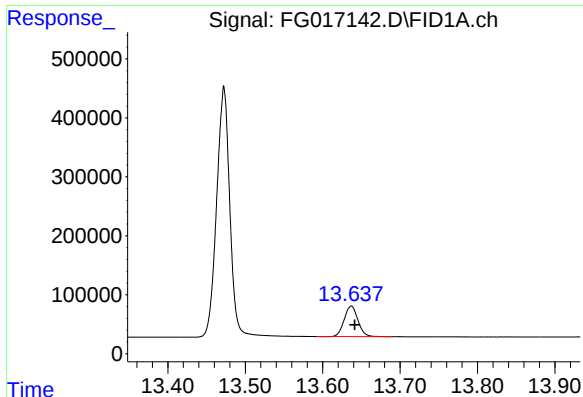
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

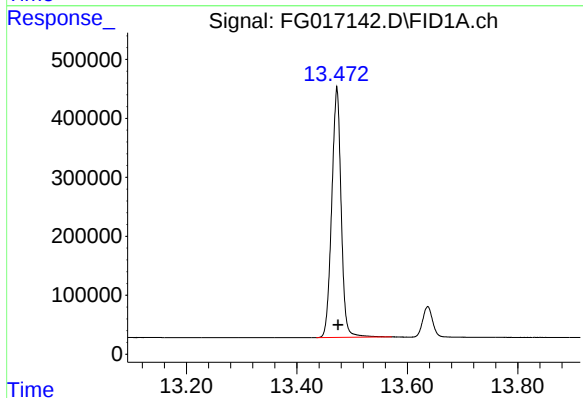
R.T.: 13.020 min
Delta R.T.: -0.006 min
Response: 707850
Conc: 5.17 ug/ml



#11 n-Heneicosane (C21)

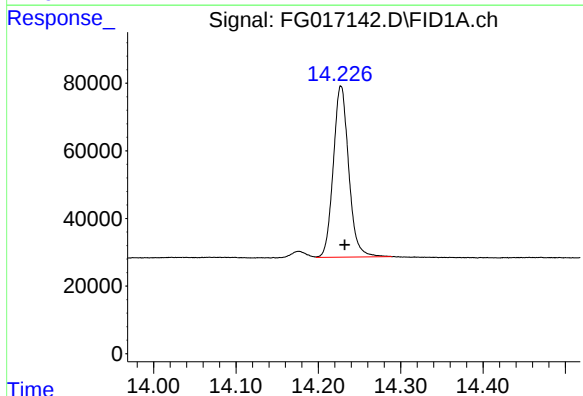
R.T.: 13.637 min
Delta R.T.: -0.005 min
Response: 641738
Conc: 4.73 ug/ml

Instrument :
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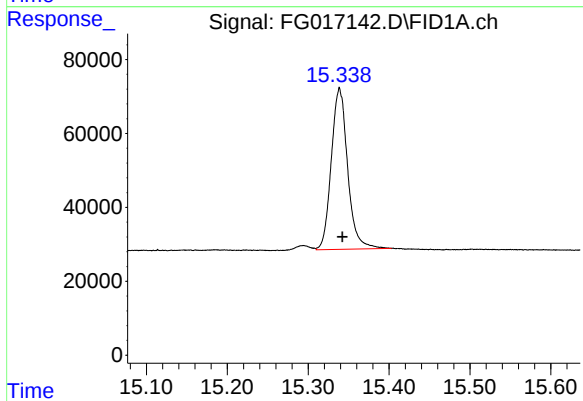
#12 1-chlorooctadecane (SURR)

R.T.: 13.473 min
Delta R.T.: -0.002 min
Response: 5014313
Conc: 43.23 ug/ml



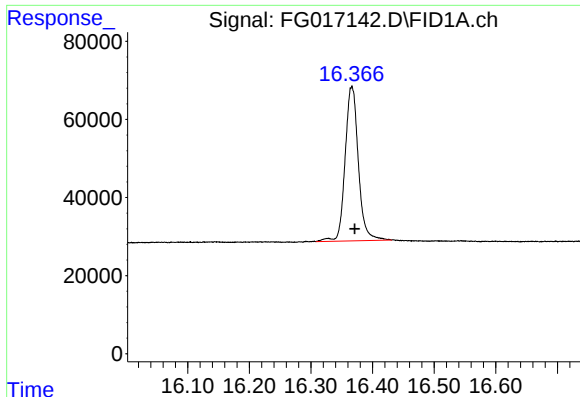
#13 n-Docosane (C22)

R.T.: 14.228 min
Delta R.T.: -0.004 min
Response: 658223
Conc: 4.79 ug/ml



#14 n-Tetracosane (C24)

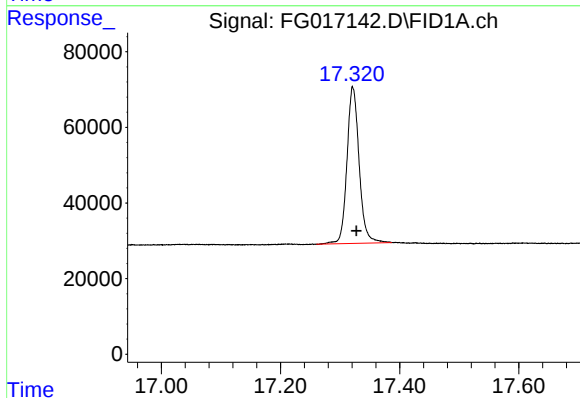
R.T.: 15.339 min
Delta R.T.: -0.004 min
Response: 612644
Conc: 4.33 ug/ml



#15 n-Hexacosane (C26)

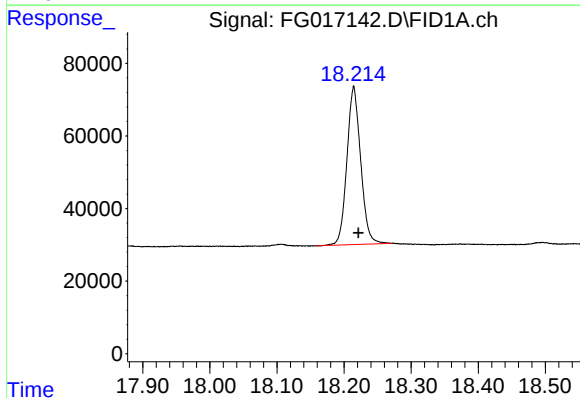
R.T.: 16.366 min
Delta R.T.: -0.005 min
Response: 590245
Conc: 4.25 ug/ml

Instrument :
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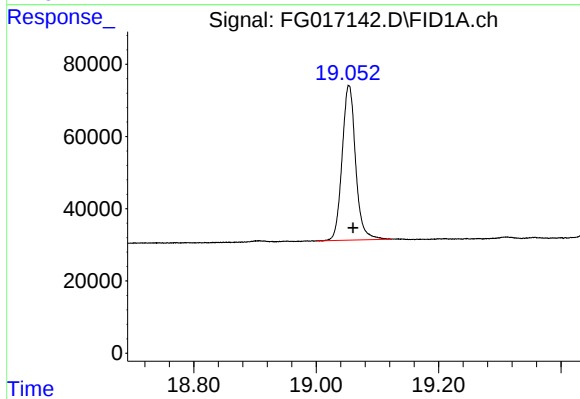
#16 n-Octacosane (C28)

R.T.: 17.321 min
Delta R.T.: -0.006 min
Response: 587439
Conc: 4.19 ug/ml



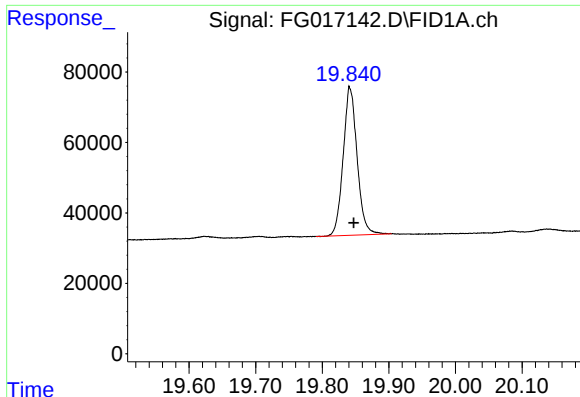
#17 n-Tricontane (C30)

R.T.: 18.214 min
Delta R.T.: -0.007 min
Response: 620881
Conc: 4.18 ug/ml



#18 n-Dotriacontane (C32)

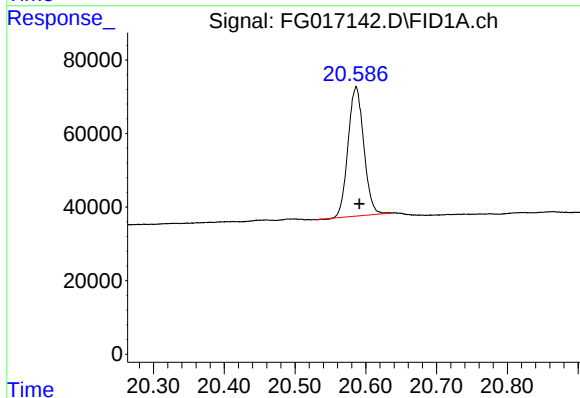
R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 655371
Conc: 4.38 ug/ml



#19 n-Tetratriacontane (C34)

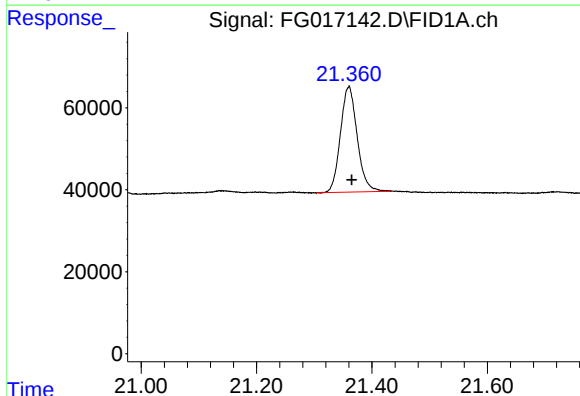
R.T.: 19.841 min
Delta R.T.: -0.006 min
Response: 612282
Conc: 4.66 ug/ml

Instrument :
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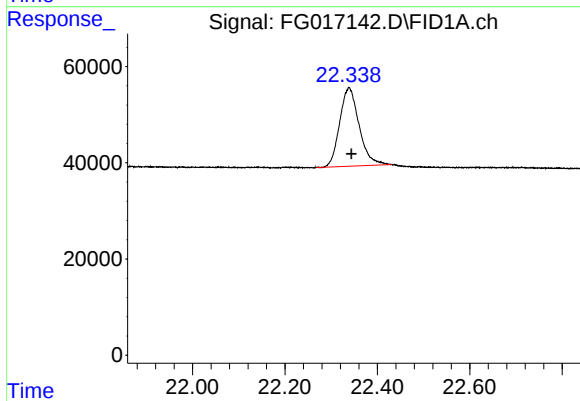
#20 n-Hexatriacontane (C36)

R.T.: 20.586 min
Delta R.T.: -0.004 min
Response: 541354
Conc: 5.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.005 min
Response: 519957
Conc: 5.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.005 min
Response: 475698
Conc: 5.83 ug/ml