

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017141.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 12:59
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 4PPM SOIL LOD
 ALS Vial : 24 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 10 01:24:49 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...	13.471	3658460	31.542 ug/ml
Spiked Amount 50.000		Recovery =	63.08%
Target Compounds			
1) T n-Nonane (C9)	3.353	250017	2.037 ug/ml
2) T n-Decane (C10)	4.613	315704	2.534 ug/ml
4) T n-Dodecane (C12)	6.793	389290	3.067 ug/ml
6) T n-Tetradecane (C14)	8.632	392170	3.140 ug/ml
7) T n-Hexadecane (C16)	10.251	356012	2.770 ug/ml
8) T n-Octadecane (C18)	11.703	408612	3.009 ug/ml
10) T n-Eicosane (C20)	13.021	477224	3.488 ug/ml
11) T n-Heneicosane (C21)	13.638	424745	3.131 ug/ml
13) T n-Docosane (C22)	14.228	440270	3.206 ug/ml
14) T n-Tetracosane (C24)	15.340	402676	2.846 ug/ml
15) T n-Hexacosane (C26)	16.367	399951	2.880 ug/ml
16) T n-Octacosane (C28)	17.323	387946	2.770 ug/ml
17) T n-Tricontane (C30)	18.216	417630	2.813 ug/ml
18) T n-Dotriacontane (C32)	19.052	444294	2.967 ug/ml
19) T n-Tetratriacontane (C34)	19.841	410361	3.126 ug/ml
20) T n-Hexatriacontane (C36)	20.586	355449	3.376 ug/ml
21) T n-Octatriacontane (C38)	21.361	345827	3.776 ug/ml
22) T n-Tetracontane (C40)	22.340	303903	3.727 ug/ml

(f)=RT Delta > 1/2 Window

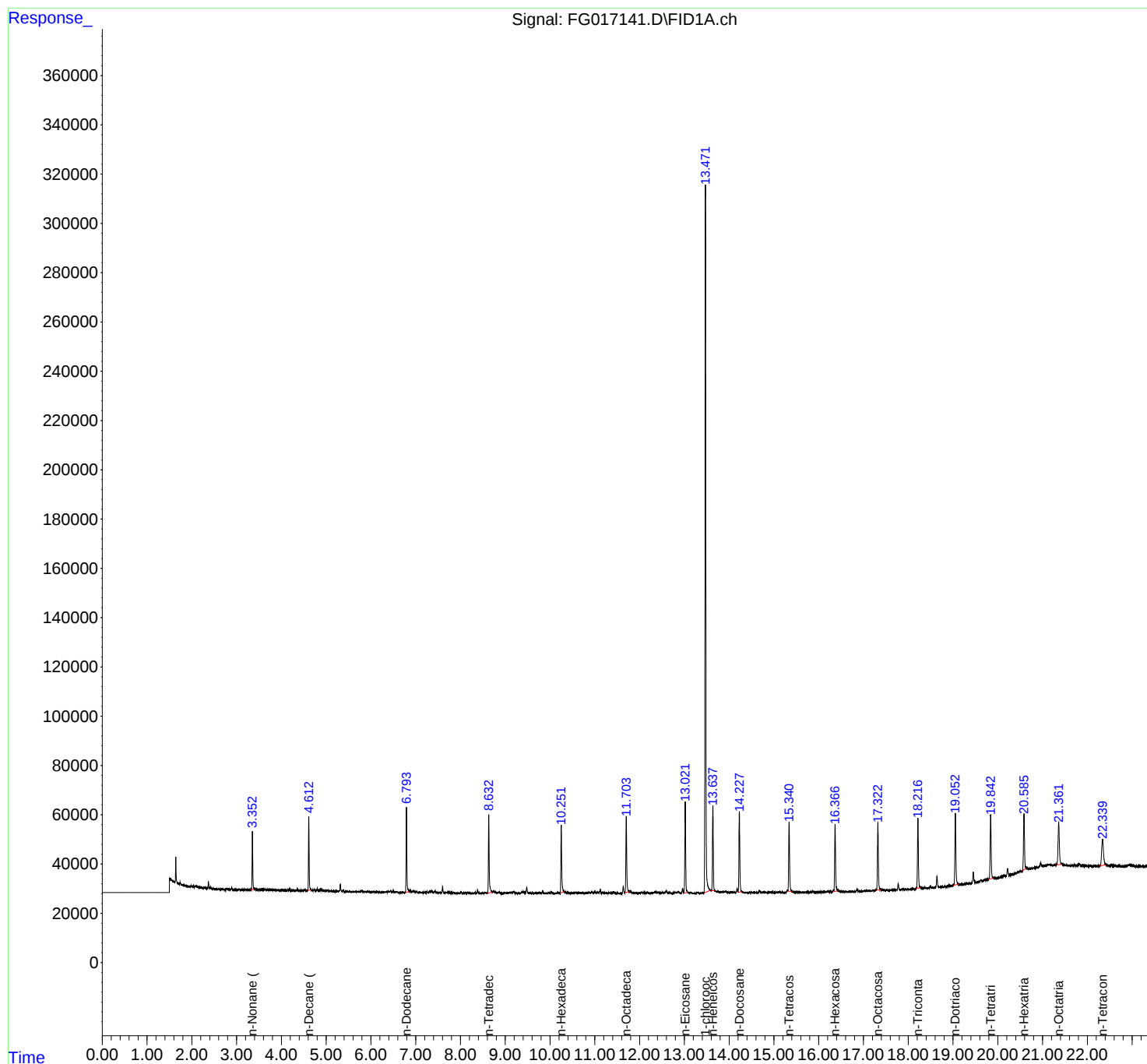
(m)=manual int.

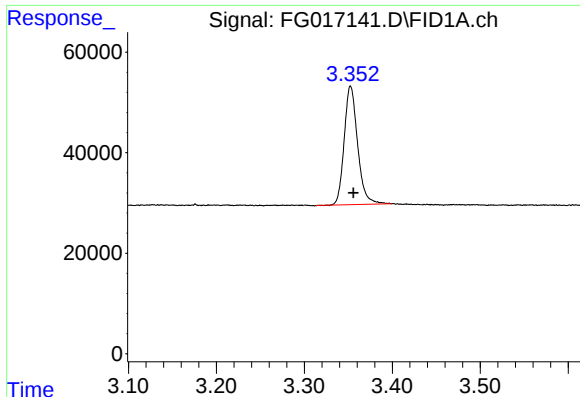
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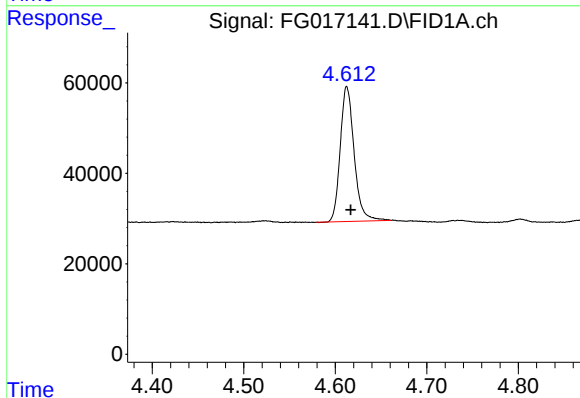




#1 n-Nonane (C9)

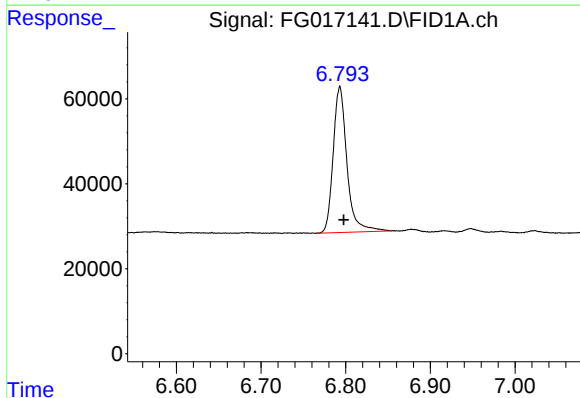
R.T.: 3.353 min
Delta R.T.: -0.003 min
Response: 250017
Conc: 2.04 ug/ml

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



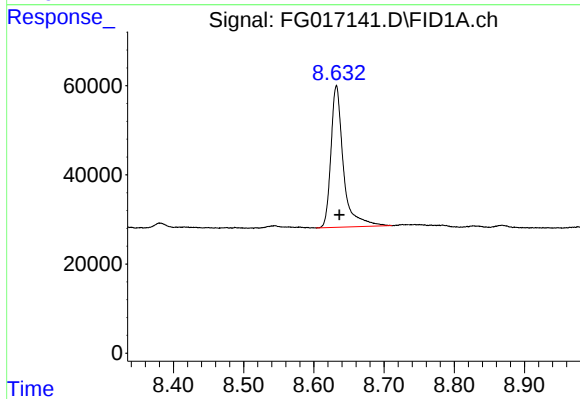
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 315704
Conc: 2.53 ug/ml



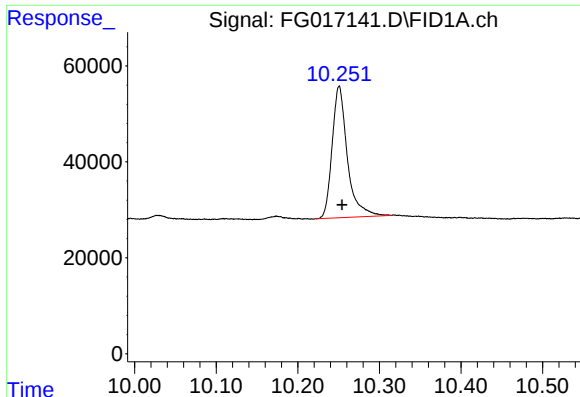
#4 n-Dodecane (C12)

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 389290
Conc: 3.07 ug/ml



#6 n-Tetradecane (C14)

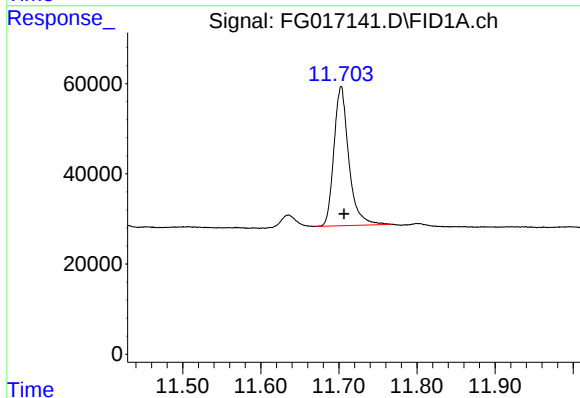
R.T.: 8.632 min
Delta R.T.: -0.004 min
Response: 392170
Conc: 3.14 ug/ml



#7 n-Hexadecane (C16)

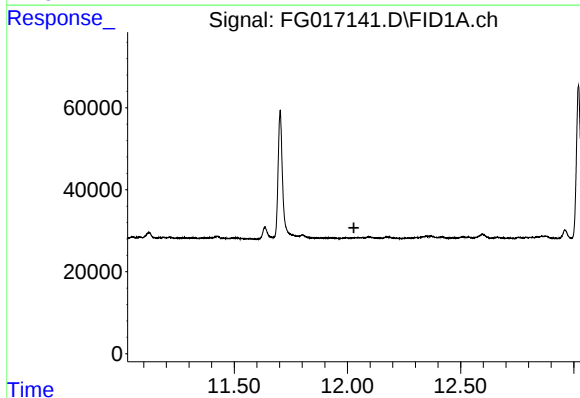
R.T.: 10.251 min
Delta R.T.: -0.004 min
Response: 356012
Conc: 2.77 ug/ml

Instrument :
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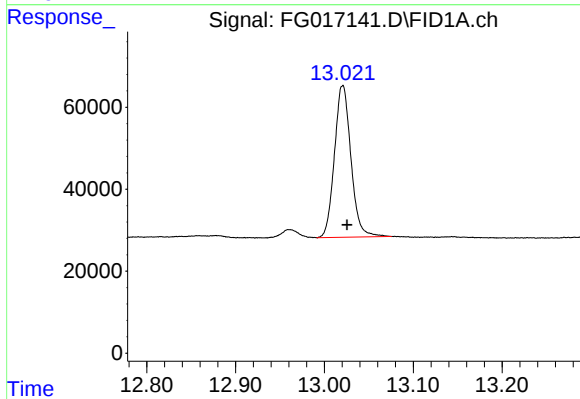
#8 n-Octadecane (C18)

R.T.: 11.703 min
Delta R.T.: -0.004 min
Response: 408612
Conc: 3.01 ug/ml



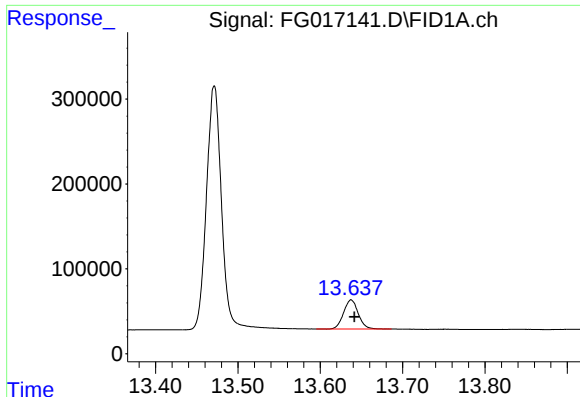
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

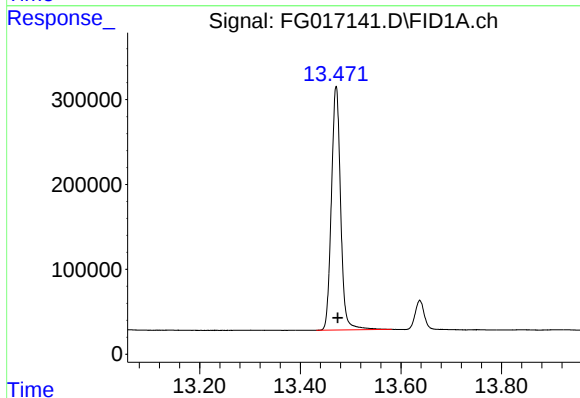
R.T.: 13.021 min
Delta R.T.: -0.005 min
Response: 477224
Conc: 3.49 ug/ml



#11 n-Heneicosane (C21)

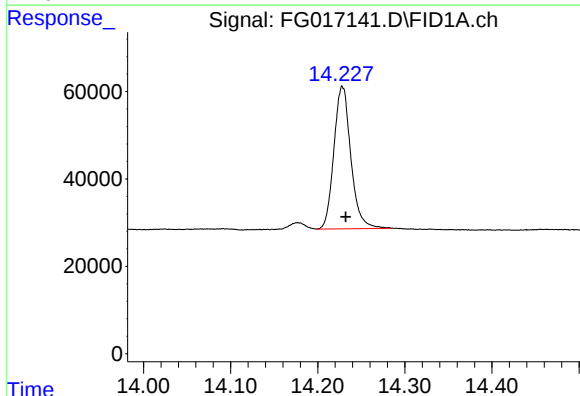
R.T.: 13.638 min
Delta R.T.: -0.004 min
Response: 424745
Conc: 3.13 ug/ml

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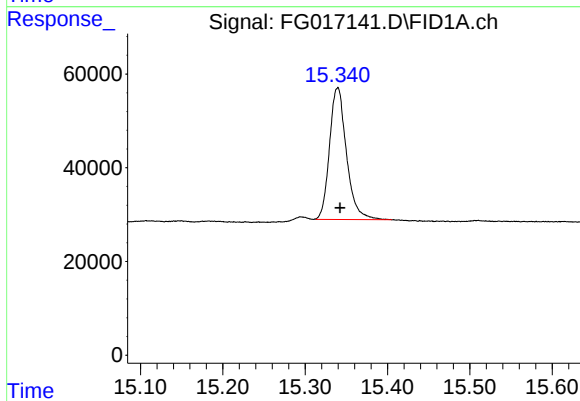
#12 1-chlorooctadecane (SURR)

R.T.: 13.471 min
Delta R.T.: -0.003 min
Response: 3658460
Conc: 31.54 ug/ml



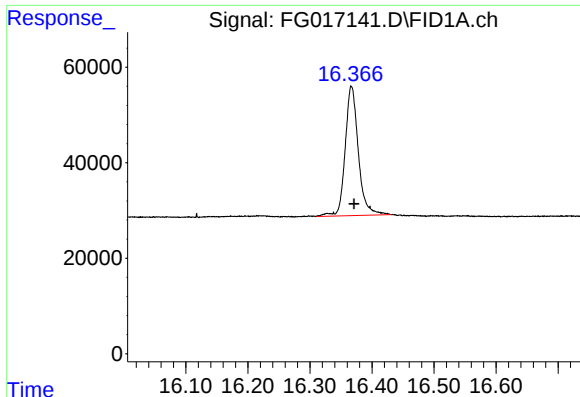
#13 n-Docosane (C22)

R.T.: 14.228 min
Delta R.T.: -0.004 min
Response: 440270
Conc: 3.21 ug/ml



#14 n-Tetracosane (C24)

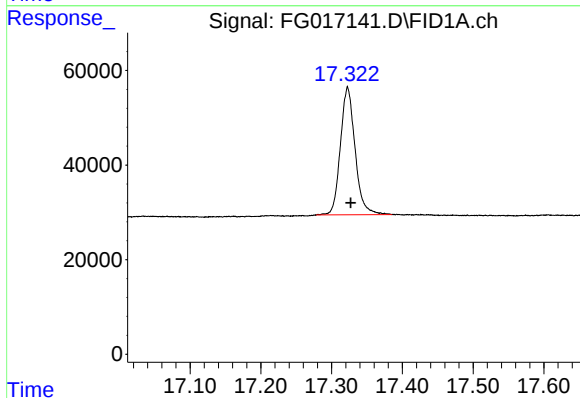
R.T.: 15.340 min
Delta R.T.: -0.003 min
Response: 402676
Conc: 2.85 ug/ml



#15 n-Hexacosane (C26)

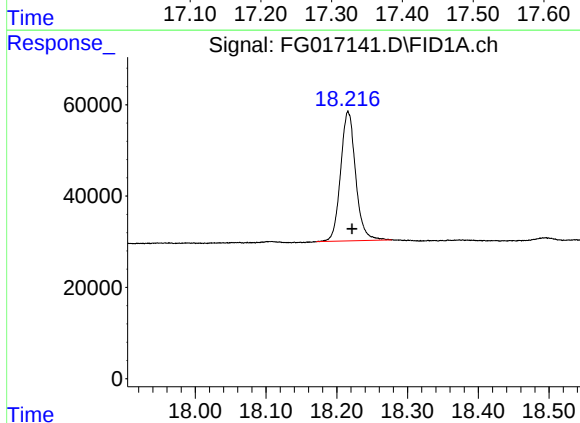
R.T.: 16.367 min
Delta R.T.: -0.004 min
Response: 399951
Conc: 2.88 ug/ml

Instrument :
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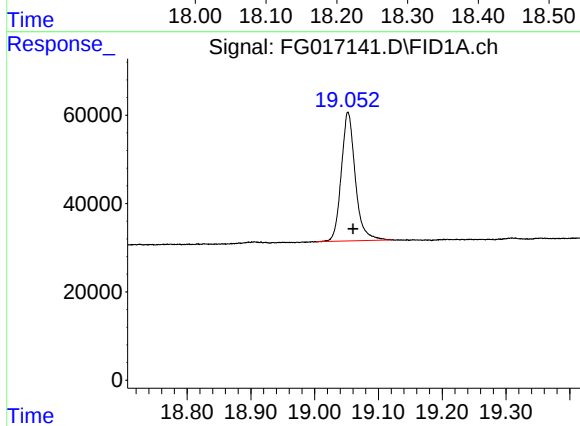
#16 n-Octacosane (C28)

R.T.: 17.323 min
Delta R.T.: -0.004 min
Response: 387946
Conc: 2.77 ug/ml



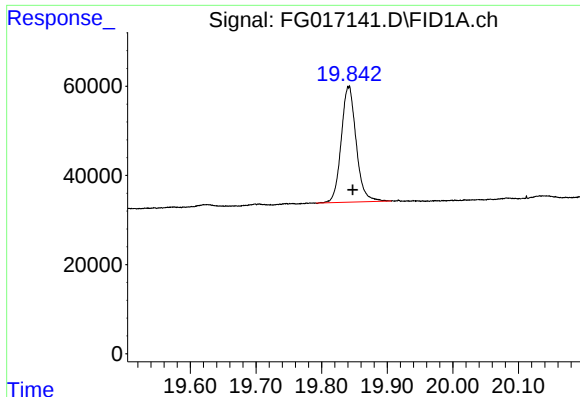
#17 n-Tricontane (C30)

R.T.: 18.216 min
Delta R.T.: -0.005 min
Response: 417630
Conc: 2.81 ug/ml



#18 n-Dotriacontane (C32)

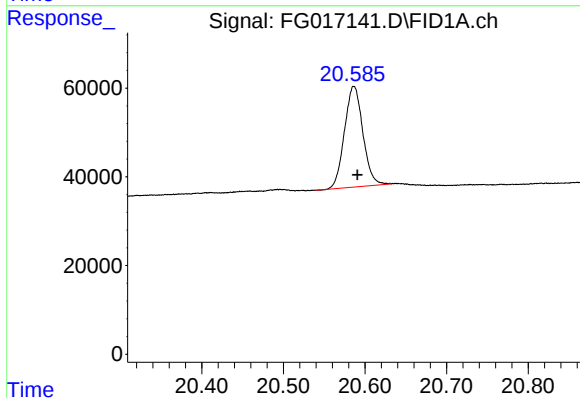
R.T.: 19.052 min
Delta R.T.: -0.008 min
Response: 444294
Conc: 2.97 ug/ml



#19 n-Tetratriacontane (C34)

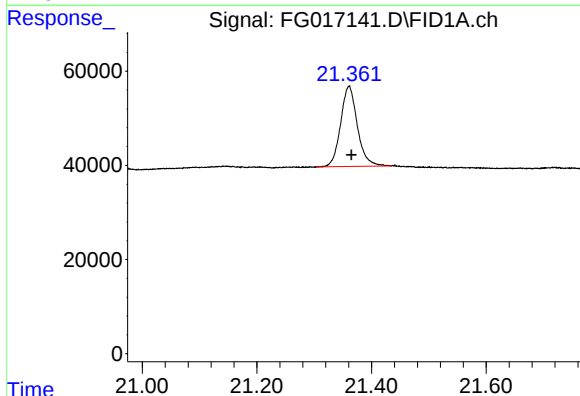
R.T.: 19.841 min
Delta R.T.: -0.006 min
Response: 410361
Conc: 3.13 ug/ml

Instrument :
FID_G
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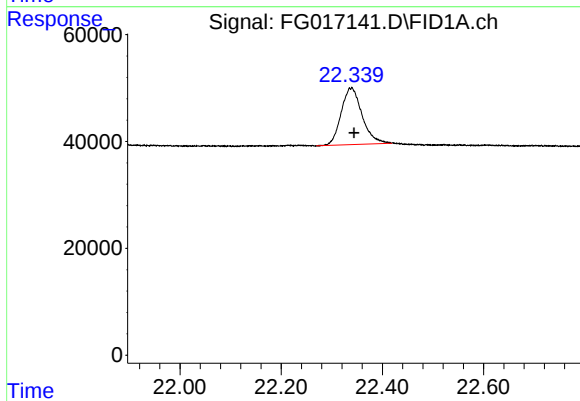
#20 n-Hexatriacontane (C36)

R.T.: 20.586 min
Delta R.T.: -0.005 min
Response: 355449
Conc: 3.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.361 min
Delta R.T.: -0.004 min
Response: 345827
Conc: 3.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.340 min
Delta R.T.: -0.004 min
Response: 303903
Conc: 3.73 ug/ml