

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017140.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 12:28
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 10 01:24:24 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...	13.470	2299933	19.829 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.354	181832	1.482 ug/ml
2) T n-Decane (C10)	4.613	230309	1.848 ug/ml
4) T n-Dodecane (C12)	6.793	293058	2.309 ug/ml
6) T n-Tetradecane (C14)	8.632	294772	2.360 ug/ml
7) T n-Hexadecane (C16)	10.250	258107	2.008 ug/ml
8) T n-Octadecane (C18)	11.702	308039	2.269 ug/ml
10) T n-Eicosane (C20)	13.019	364546	2.664 ug/ml
11) T n-Heneicosane (C21)	13.636	306606	2.260 ug/ml
13) T n-Docosane (C22)	14.227	334526	2.436 ug/ml
14) T n-Tetracosane (C24)	15.338	311149	2.199 ug/ml
15) T n-Hexacosane (C26)	16.367	296792	2.137 ug/ml
16) T n-Octacosane (C28)	17.323	276954	1.977 ug/ml
17) T n-Tricontane (C30)	18.216	309835	2.087 ug/ml
18) T n-Dotriacontane (C32)	19.053	336305	2.246 ug/ml
19) T n-Tetratriacontane (C34)	19.842	307346	2.341 ug/ml
20) T n-Hexatriacontane (C36)	20.588	255903	2.431 ug/ml
21) T n-Octatriacontane (C38)	21.363	252236	2.754 ug/ml
22) T n-Tetracontane (C40)	22.341	198387	2.433 ug/ml

(f)=RT Delta > 1/2 Window

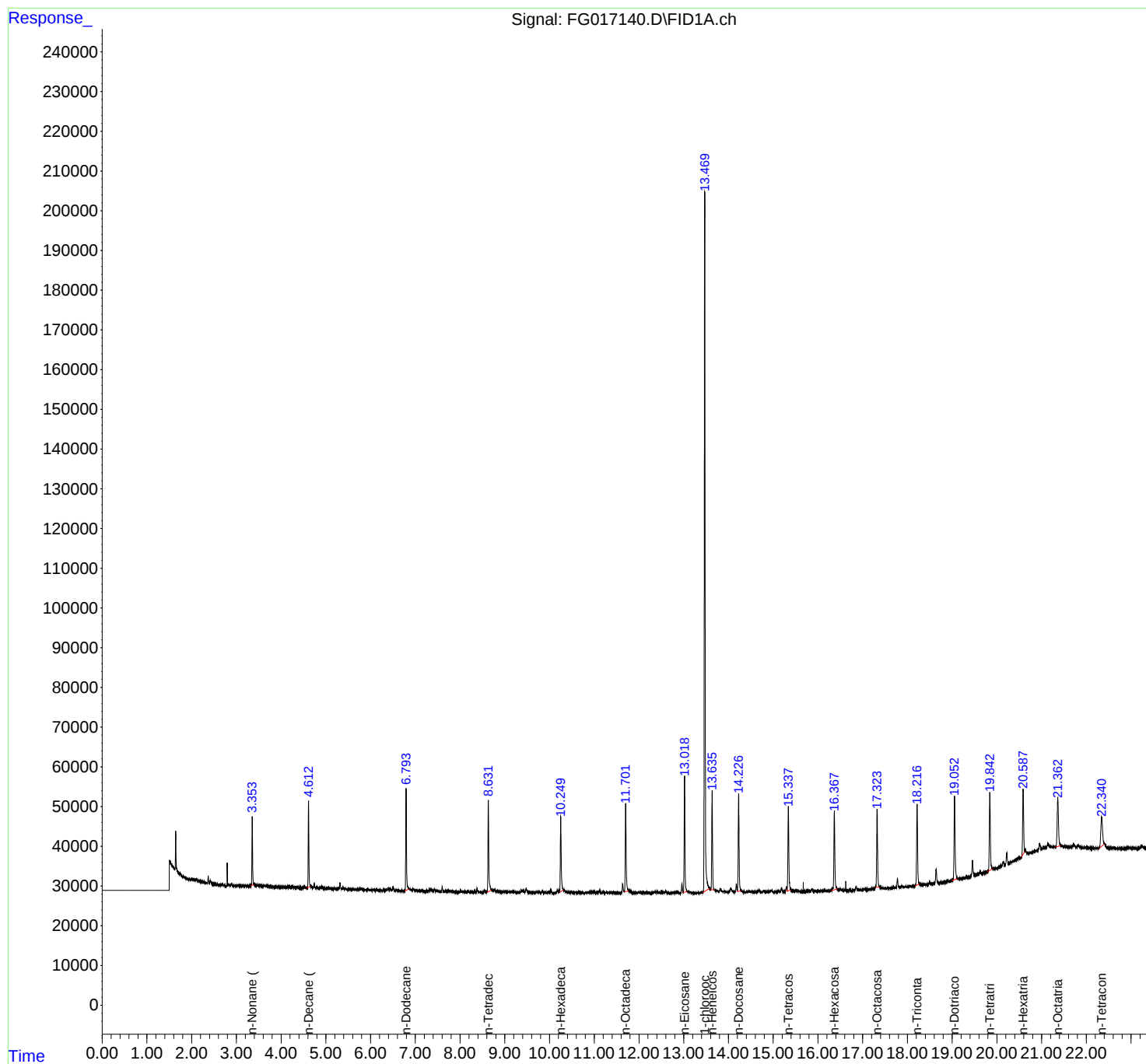
(m)=manual int.

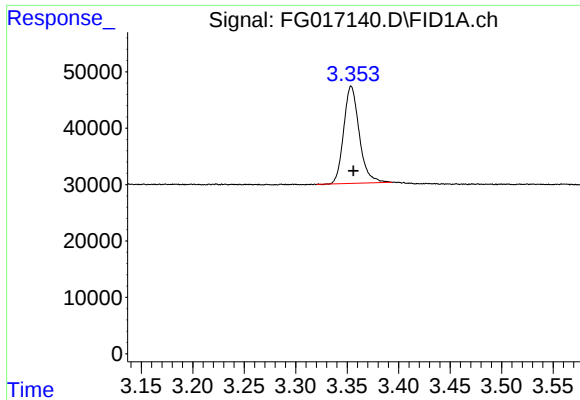
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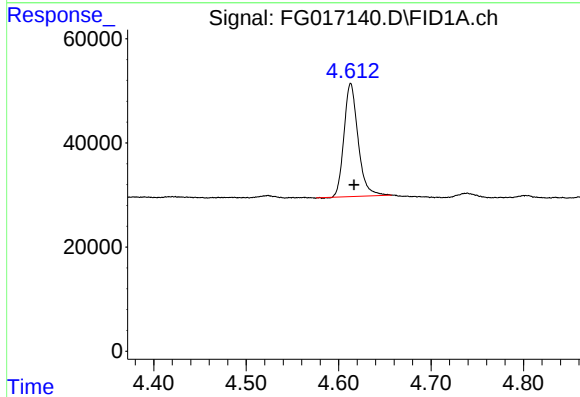




#1 n-Nonane (C9)

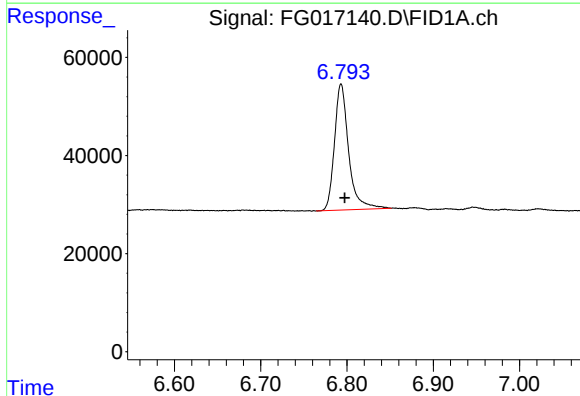
R.T.: 3.354 min
Delta R.T.: -0.002 min
Response: 181832
Conc: 1.48 ug/ml

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



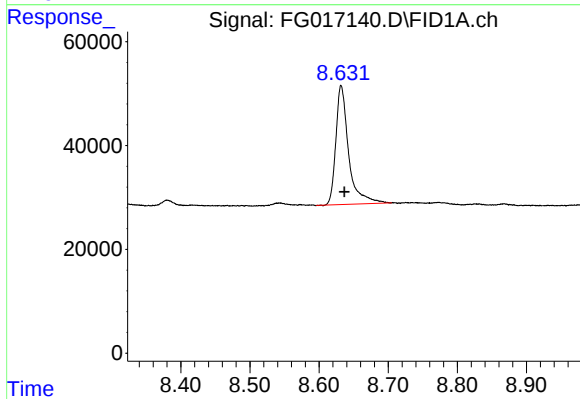
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 230309
Conc: 1.85 ug/ml



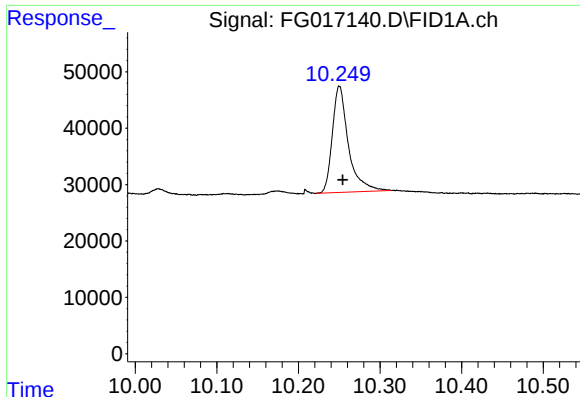
#4 n-Dodecane (C12)

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 293058
Conc: 2.31 ug/ml



#6 n-Tetradecane (C14)

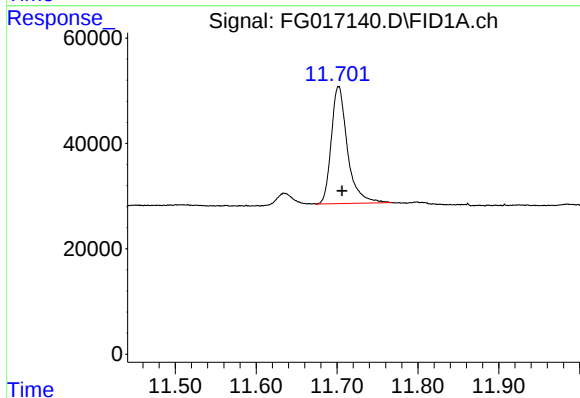
R.T.: 8.632 min
Delta R.T.: -0.005 min
Response: 294772
Conc: 2.36 ug/ml



#7 n-Hexadecane (C16)

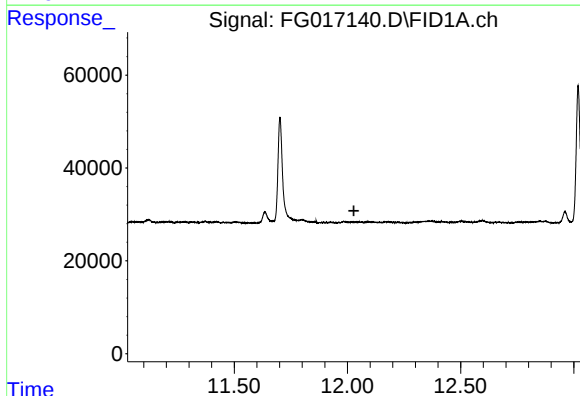
R.T.: 10.250 min
Delta R.T.: -0.004 min
Response: 258107
Conc: 2.01 ug/ml

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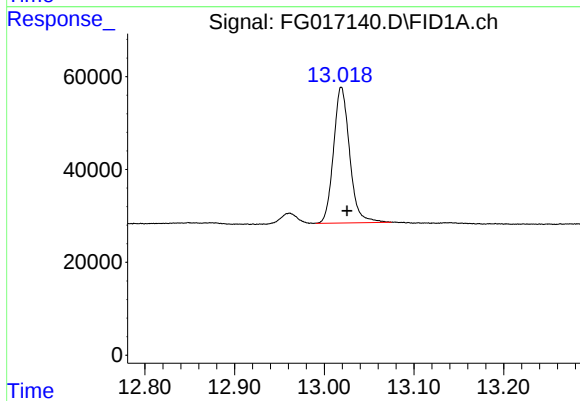
#8 n-Octadecane (C18)

R.T.: 11.702 min
Delta R.T.: -0.004 min
Response: 308039
Conc: 2.27 ug/ml



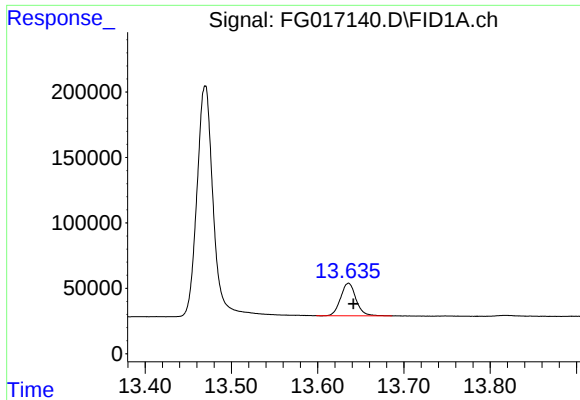
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

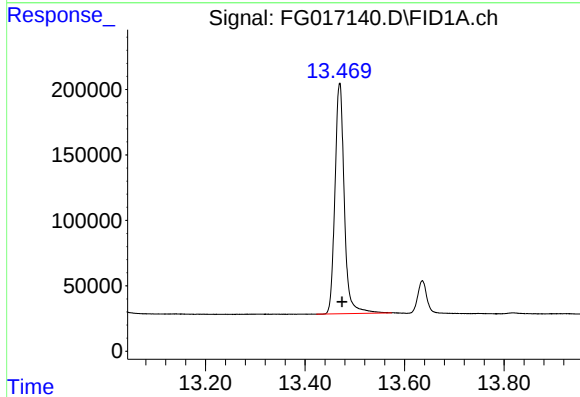
R.T.: 13.019 min
Delta R.T.: -0.007 min
Response: 364546
Conc: 2.66 ug/ml



#11 n-Heneicosane (C21)

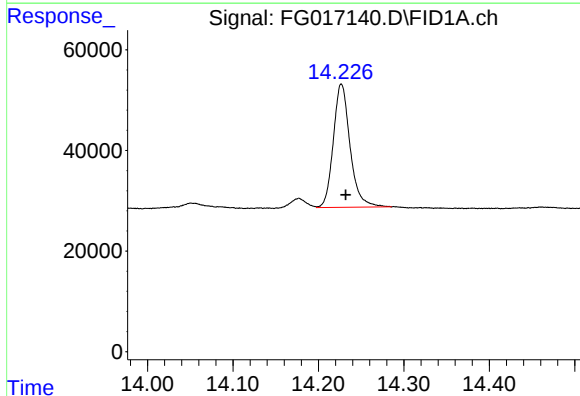
R.T.: 13.636 min
Delta R.T.: -0.006 min
Response: 306606
Conc: 2.26 ug/ml

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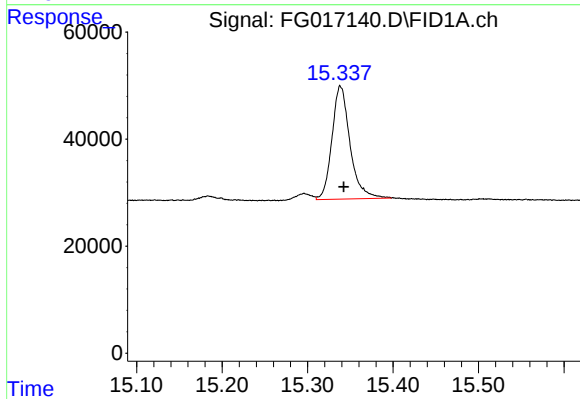
#12 1-chlorooctadecane (SURR)

R.T.: 13.470 min
Delta R.T.: -0.005 min
Response: 2299933
Conc: 19.83 ug/ml



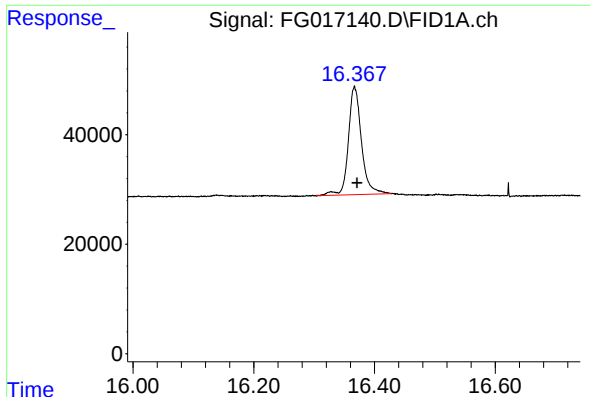
#13 n-Docosane (C22)

R.T.: 14.227 min
Delta R.T.: -0.005 min
Response: 334526
Conc: 2.44 ug/ml



#14 n-Tetracosane (C24)

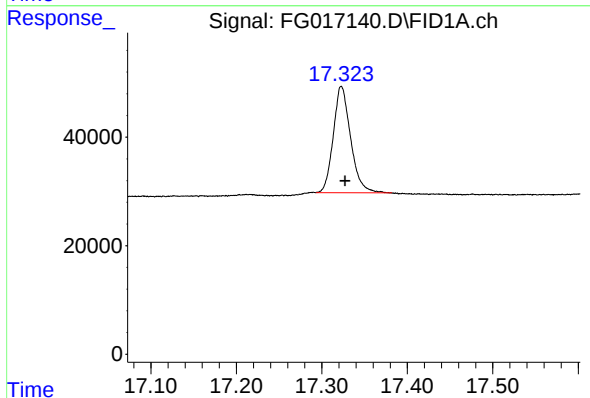
R.T.: 15.338 min
Delta R.T.: -0.004 min
Response: 311149
Conc: 2.20 ug/ml



#15 n-Hexacosane (C26)

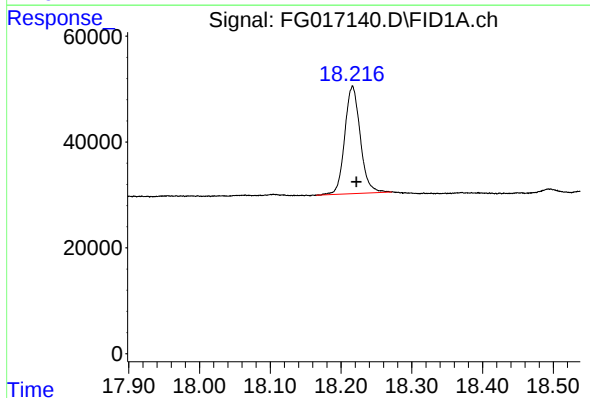
R.T.: 16.367 min
Delta R.T.: -0.004 min
Response: 296792
Conc: 2.14 ug/ml

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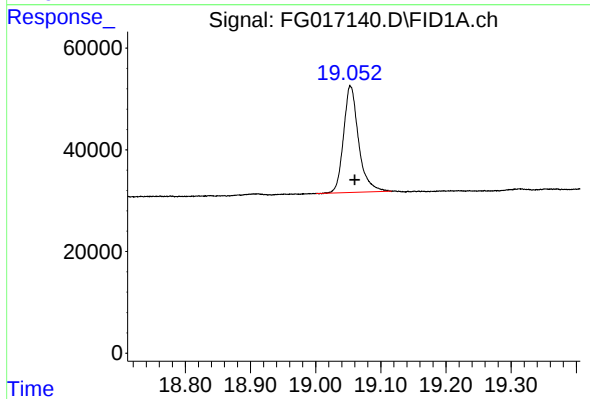
#16 n-Octacosane (C28)

R.T.: 17.323 min
Delta R.T.: -0.004 min
Response: 276954
Conc: 1.98 ug/ml



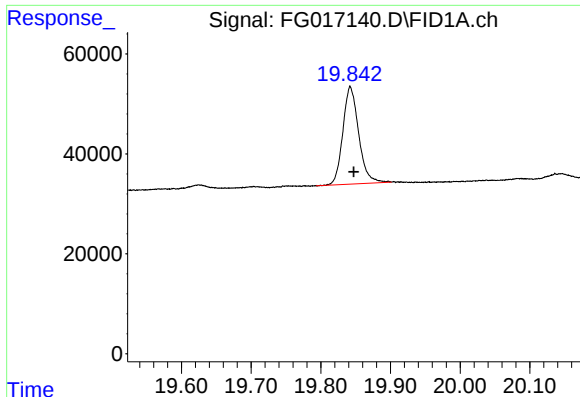
#17 n-Tricontane (C30)

R.T.: 18.216 min
Delta R.T.: -0.005 min
Response: 309835
Conc: 2.09 ug/ml



#18 n-Dotriacontane (C32)

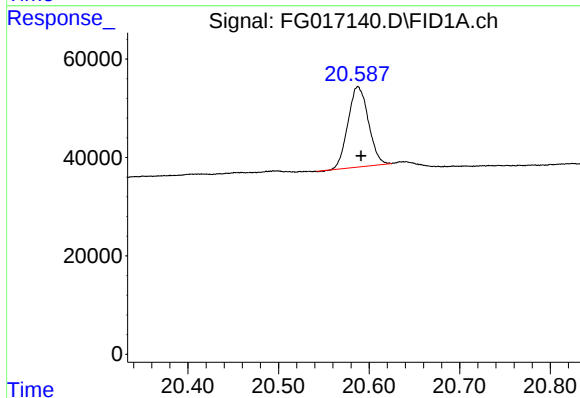
R.T.: 19.053 min
Delta R.T.: -0.007 min
Response: 336305
Conc: 2.25 ug/ml



#19 n-Tetratriacontane (C34)

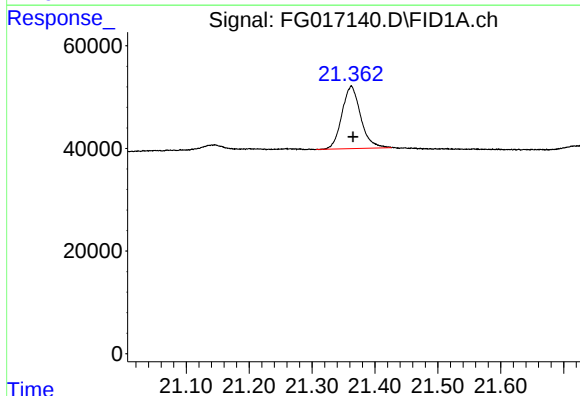
R.T.: 19.842 min
Delta R.T.: -0.005 min
Response: 307346
Conc: 2.34 ug/ml

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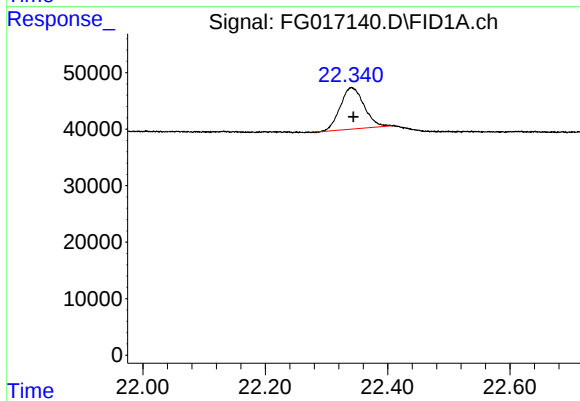
#20 n-Hexatriacontane (C36)

R.T.: 20.588 min
Delta R.T.: -0.003 min
Response: 255903
Conc: 2.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.002 min
Response: 252236
Conc: 2.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.341 min
Delta R.T.: -0.003 min
Response: 198387
Conc: 2.43 ug/ml