

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120925AL\
 Data File : FG017143.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2025 13:59
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 10 01:25:38 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	3593316	30.980 ug/ml
Spiked Amount 50.000		Recovery =	61.96%
Target Compounds			
1) T n-Nonane (C9)	3.354	190349	1.551 ug/ml
2) T n-Decane (C10)	4.613	236277	1.896 ug/ml
4) T n-Dodecane (C12)	6.793	291718	2.298 ug/ml
6) T n-Tetradecane (C14)	8.633	295123	2.363 ug/ml
7) T n-Hexadecane (C16)	10.251	263091	2.047 ug/ml
8) T n-Octadecane (C18)	11.703	310681	2.288 ug/ml
10) T n-Eicosane (C20)	13.020	368542	2.693 ug/ml
11) T n-Heneicosane (C21)	13.636	310591	2.290 ug/ml
13) T n-Docosane (C22)	14.227	335453	2.443 ug/ml
14) T n-Tetracosane (C24)	15.339	309636	2.189 ug/ml
15) T n-Hexacosane (C26)	16.368	299826	2.159 ug/ml
16) T n-Octacosane (C28)	17.323	290859	2.077 ug/ml
17) T n-Tricontane (C30)	18.216	333531	2.246 ug/ml
18) T n-Dotriacontane (C32)	19.054	365569	2.441 ug/ml
19) T n-Tetratriacontane (C34)	19.842	337307	2.570 ug/ml
20) T n-Hexatriacontane (C36)	20.587	283939	2.697 ug/ml
21) T n-Octatriacontane (C38)	21.358	264055	2.883 ug/ml
22) T n-Tetracontane (C40)	22.339	240472	2.949 ug/ml

(f)=RT Delta > 1/2 Window

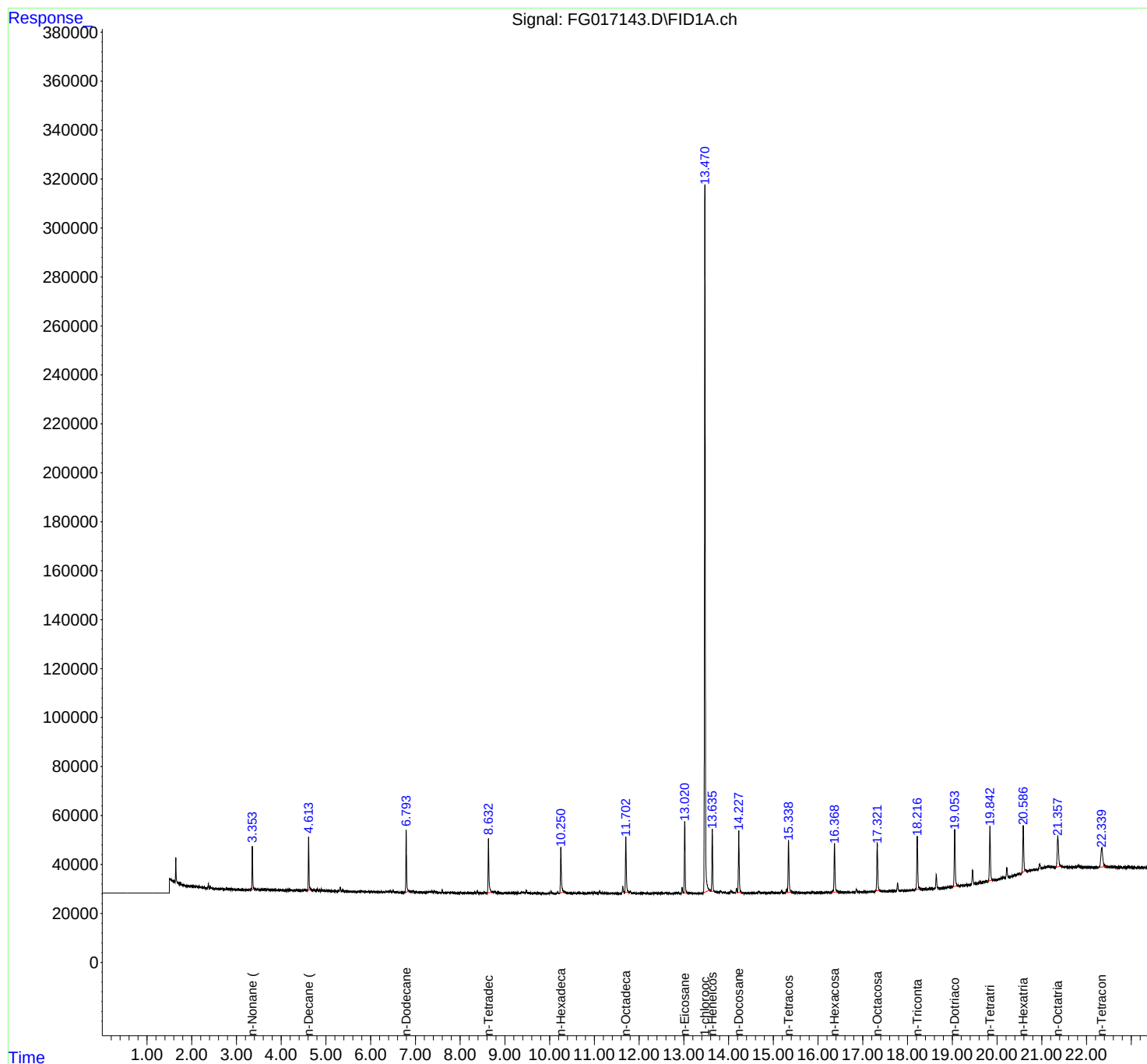
(m)=manual int.

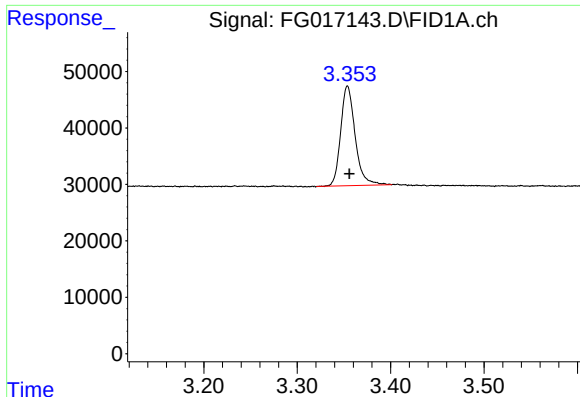
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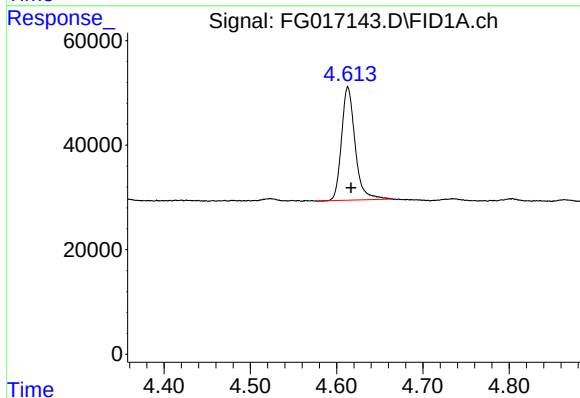




#1 n-Nonane (C9)

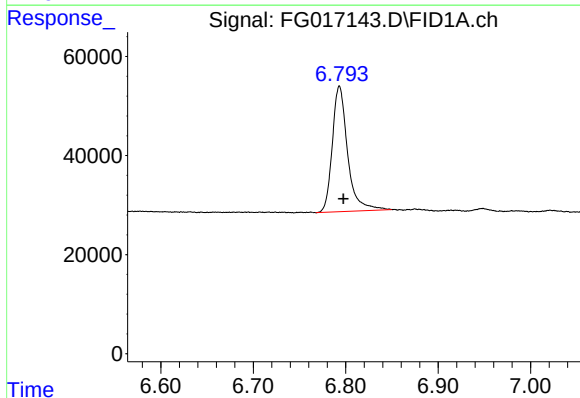
R.T.: 3.354 min
Delta R.T.: -0.002 min
Response: 190349
Conc: 1.55 ug/ml

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



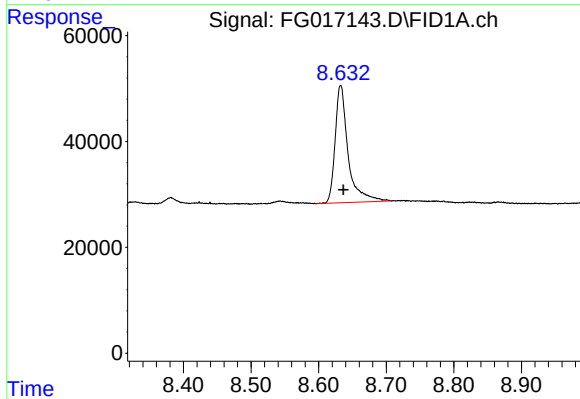
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 236277
Conc: 1.90 ug/ml



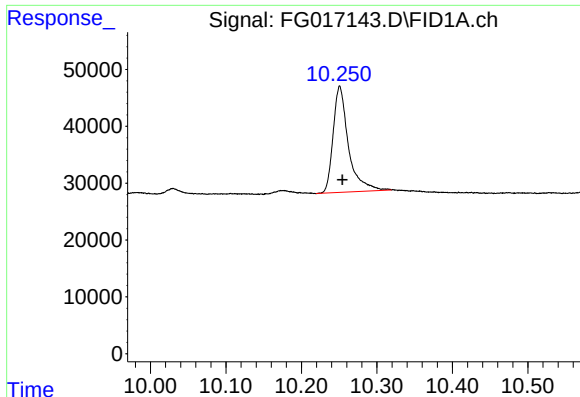
#4 n-Dodecane (C12)

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 291718
Conc: 2.30 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 295123
Conc: 2.36 ug/ml



#7 n-Hexadecane (C16)

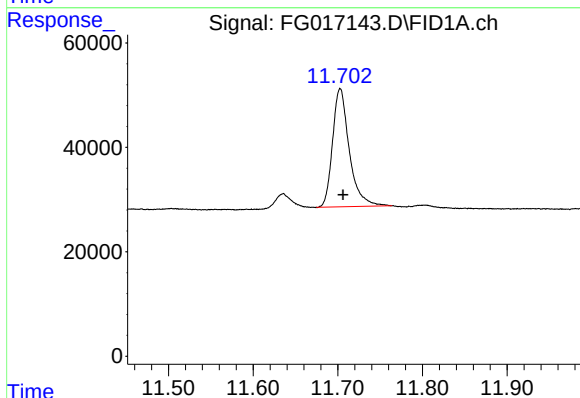
R.T.: 10.251 min
Delta R.T.: -0.004 min
Response: 263091
Conc: 2.05 ug/ml

Instrument :

FID_G

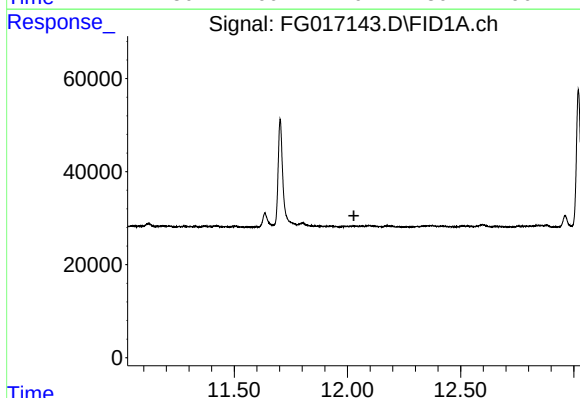
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



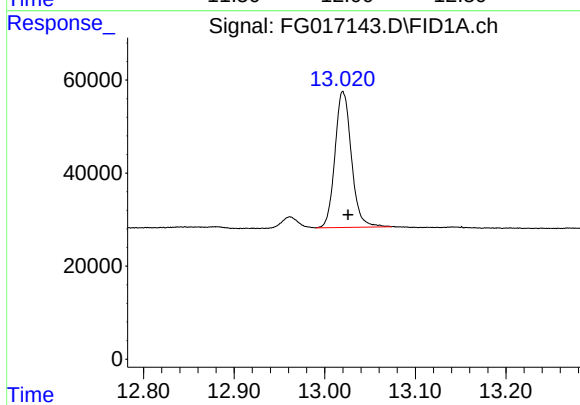
#8 n-Octadecane (C18)

R.T.: 11.703 min
Delta R.T.: -0.004 min
Response: 310681
Conc: 2.29 ug/ml



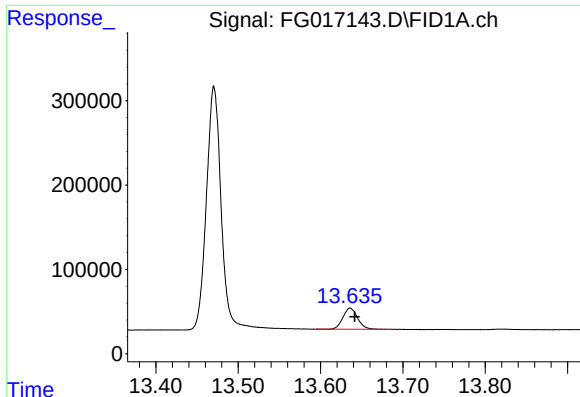
#9 ortho-Terphenyl (SURR)

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.: -0.005 min
Response: 368542
Conc: 2.69 ug/ml



#11 n-Heneicosane (C21)

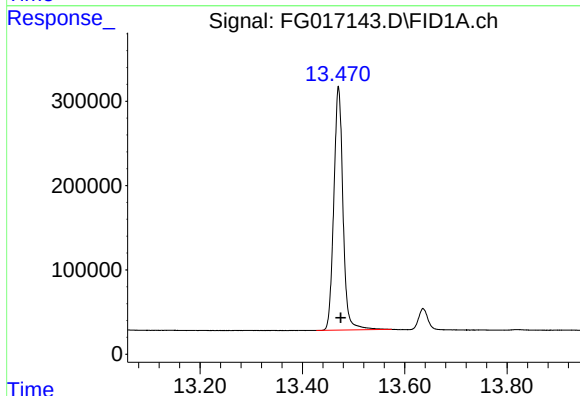
R.T.: 13.636 min
Delta R.T.: -0.006 min
Response: 310591
Conc: 2.29 ug/ml

Instrument :

FID_G

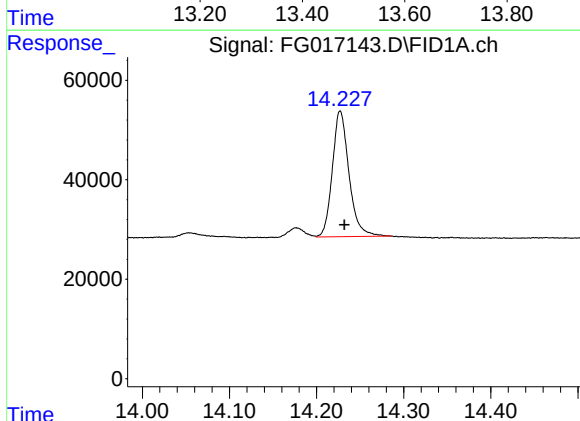
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



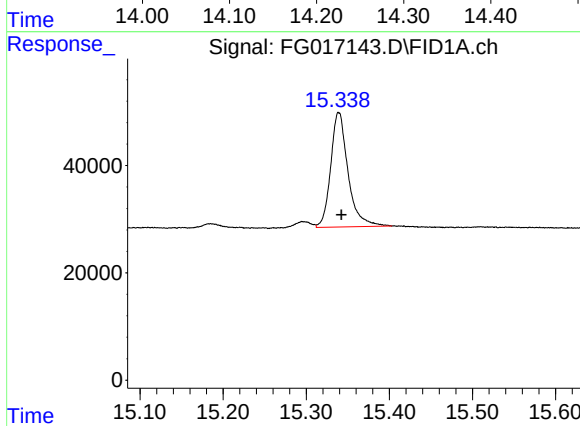
#12 1-chlorooctadecane (SURR)

R.T.: 13.471 min
Delta R.T.: -0.004 min
Response: 3593316
Conc: 30.98 ug/ml



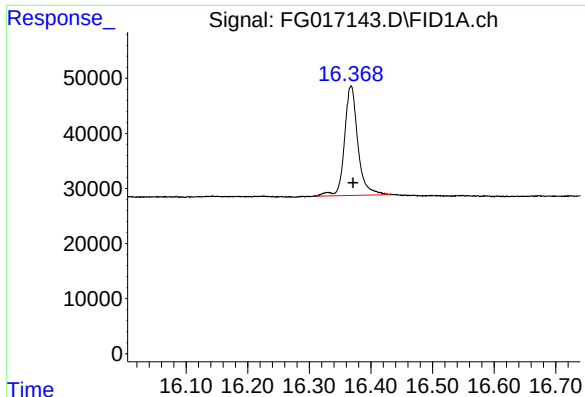
#13 n-Docosane (C22)

R.T.: 14.227 min
Delta R.T.: -0.005 min
Response: 335453
Conc: 2.44 ug/ml



#14 n-Tetracosane (C24)

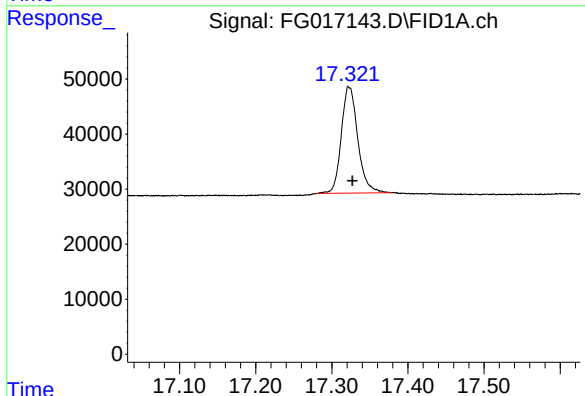
R.T.: 15.339 min
Delta R.T.: -0.003 min
Response: 309636
Conc: 2.19 ug/ml



#15 n-Hexacosane (C26)

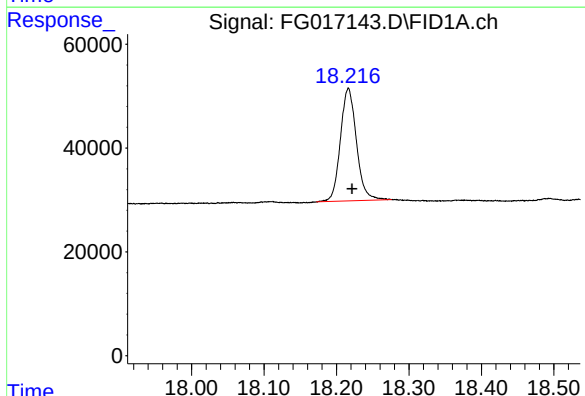
R.T.: 16.368 min
Delta R.T.: -0.003 min
Response: 299826
Conc: 2.16 ug/ml

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



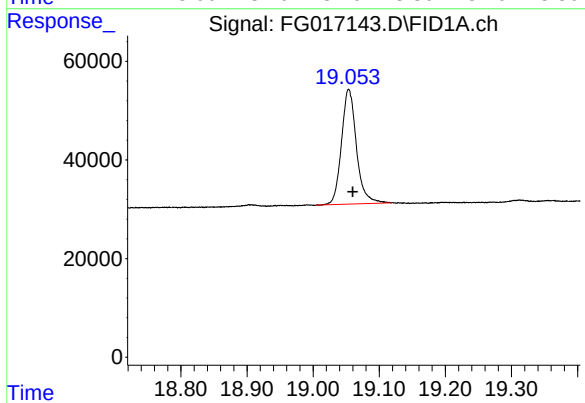
#16 n-Octacosane (C28)

R.T.: 17.323 min
Delta R.T.: -0.005 min
Response: 290859
Conc: 2.08 ug/ml



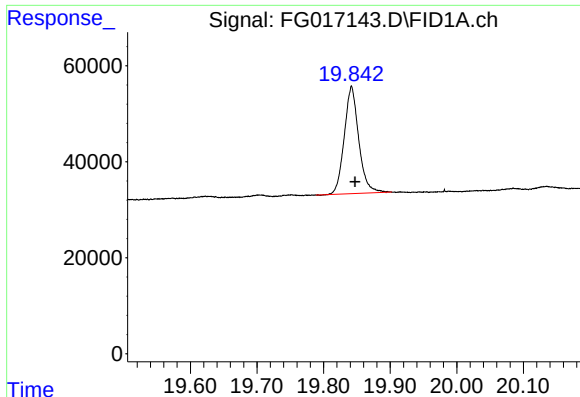
#17 n-Tricontane (C30)

R.T.: 18.216 min
Delta R.T.: -0.005 min
Response: 333531
Conc: 2.25 ug/ml



#18 n-Dotriacontane (C32)

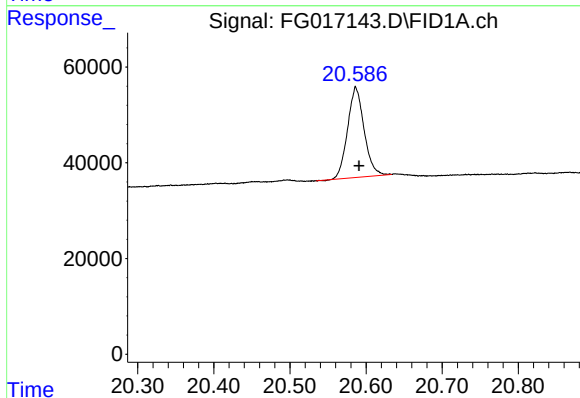
R.T.: 19.054 min
Delta R.T.: -0.006 min
Response: 365569
Conc: 2.44 ug/ml



#19 n-Tetratriacontane (C34)

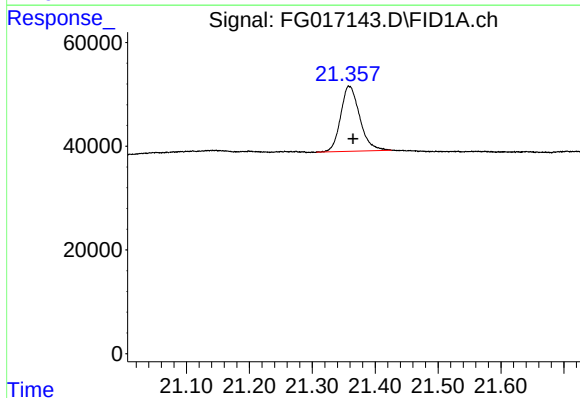
R.T.: 19.842 min
Delta R.T.: -0.005 min
Response: 337307
Conc: 2.57 ug/ml

Instrument :
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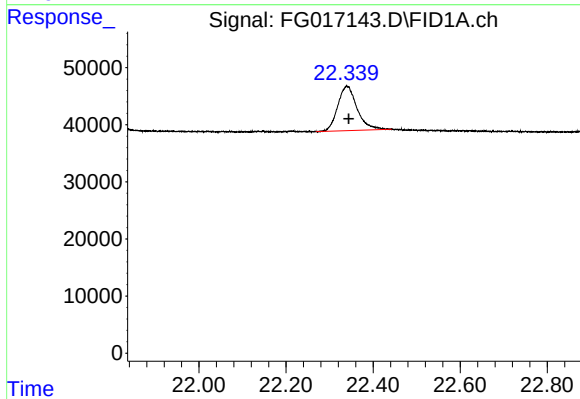
#20 n-Hexatriacontane (C36)

R.T.: 20.587 min
Delta R.T.: -0.004 min
Response: 283939
Conc: 2.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.358 min
Delta R.T.: -0.007 min
Response: 264055
Conc: 2.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.005 min
Response: 240472
Conc: 2.95 ug/ml