

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017098.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 17:18
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : LOD-LOQ-WATER-0.4 ML-QT4-2025
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 06 03:16:16 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...	13.474	2134260	18.401 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
Target Compounds			
1) T n-Nonane (C9)	3.355	264971	2.159 ug/ml
2) T n-Decane (C10)	4.615	339495	2.725 ug/ml
4) T n-Dodecane (C12)	6.795	419106	3.302 ug/ml
6) T n-Tetradecane (C14)	8.634	426360	3.413 ug/ml
7) T n-Hexadecane (C16)	10.252	398930	3.104 ug/ml
8) T n-Octadecane (C18)	11.705	441495	3.251 ug/ml
10) T n-Eicosane (C20)	13.024	505296	3.693 ug/ml
11) T n-Heneicosane (C21)	13.639	449016	3.310 ug/ml
13) T n-Docosane (C22)	14.230	474147	3.453 ug/ml
14) T n-Tetracosane (C24)	15.341	449133	3.175 ug/ml
15) T n-Hexacosane (C26)	16.369	428107	3.083 ug/ml
16) T n-Octacosane (C28)	17.326	412141	2.943 ug/ml
17) T n-Tricontane (C30)	18.219	417422	2.811 ug/ml
18) T n-Dotriacontane (C32)	19.056	412087	2.752 ug/ml
19) T n-Tetratriacontane (C34)	19.845	392139	2.987 ug/ml
20) T n-Hexatriacontane (C36)	20.589	360520	3.424 ug/ml
21) T n-Octatriacontane (C38)	21.363	359020	3.920 ug/ml
22) T n-Tetracontane (C40)	22.342	340296	4.174 ug/ml

(f)=RT Delta > 1/2 Window

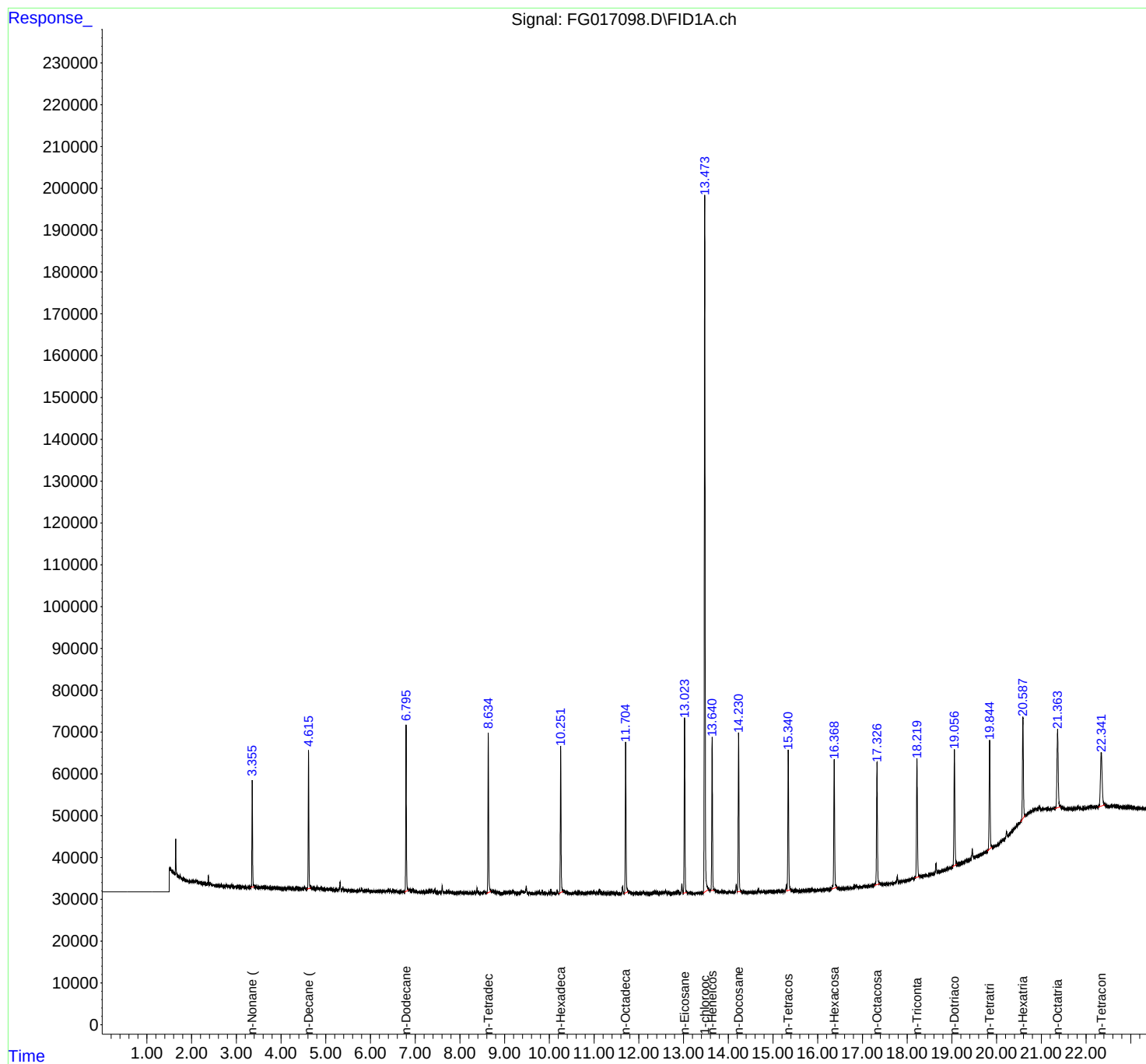
(m)=manual int.

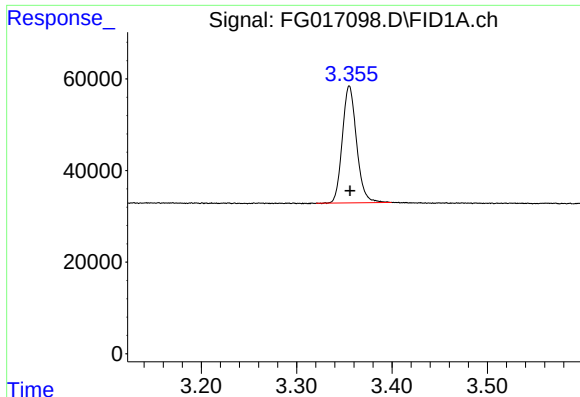
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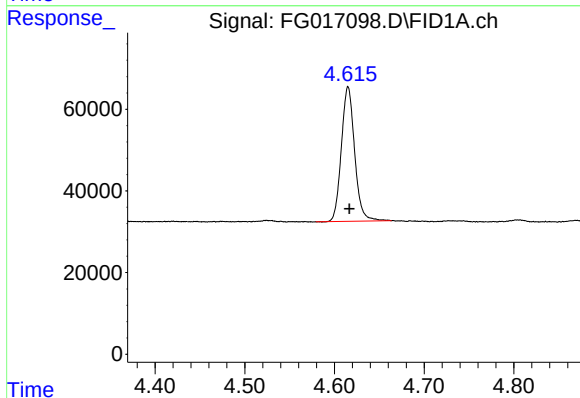




#1 n-Nonane (C9)

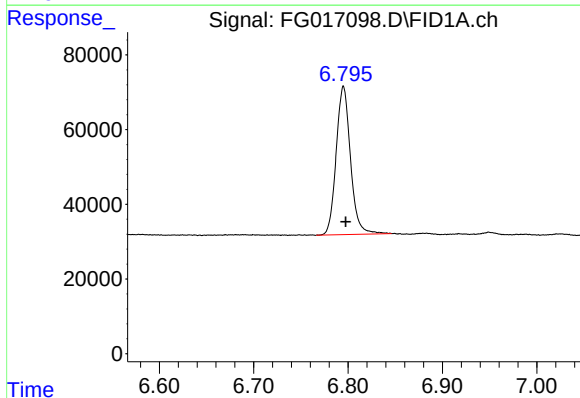
R.T.: 3.355 min
Delta R.T.: 0.000 min
Response: 264971
Conc: 2.16 ug/ml

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



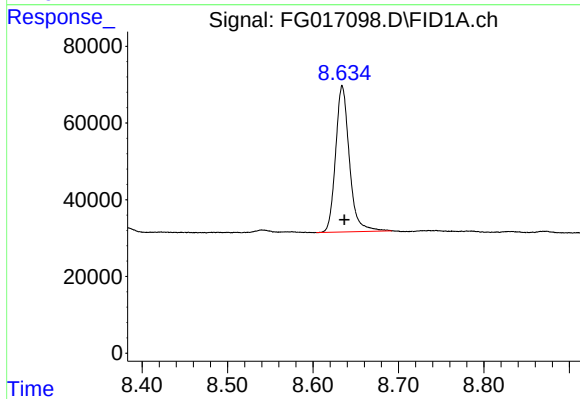
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 339495
Conc: 2.72 ug/ml



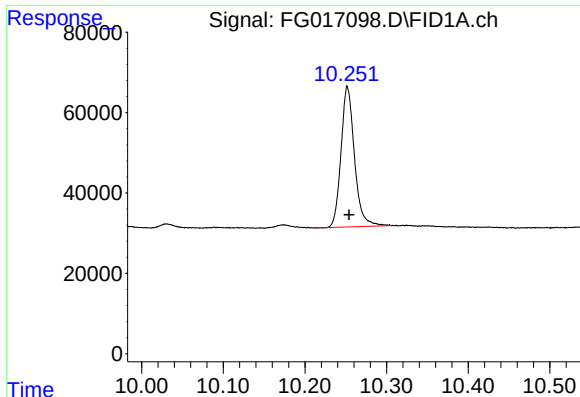
#4 n-Dodecane (C12)

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 419106
Conc: 3.30 ug/ml



#6 n-Tetradecane (C14)

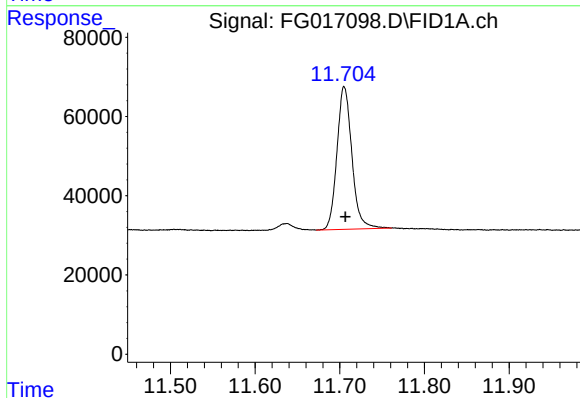
R.T.: 8.634 min
Delta R.T.: -0.002 min
Response: 426360
Conc: 3.41 ug/ml



#7 n-Hexadecane (C16)

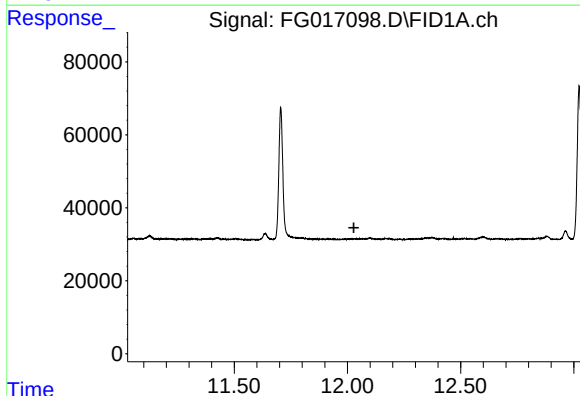
R.T.: 10.252 min
Delta R.T.: -0.002 min
Response: 398930
Conc: 3.10 ug/ml

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



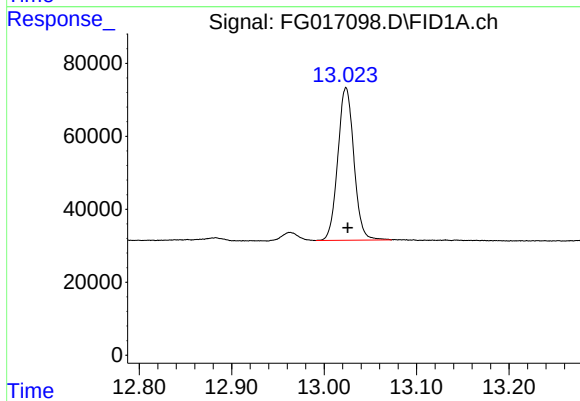
#8 n-Octadecane (C18)

R.T.: 11.705 min
Delta R.T.: -0.001 min
Response: 441495
Conc: 3.25 ug/ml



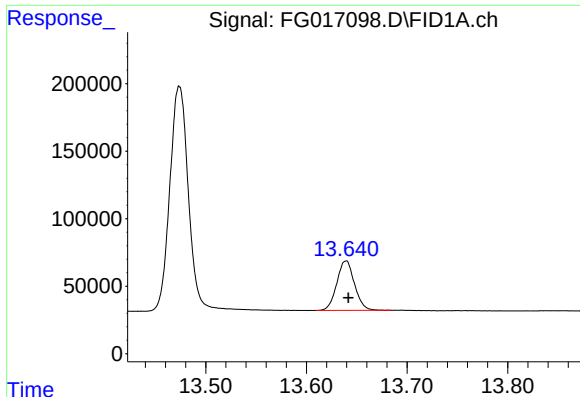
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 13.024 min
Delta R.T.: -0.002 min
Response: 505296
Conc: 3.69 ug/ml



#11 n-Heneicosane (C21)

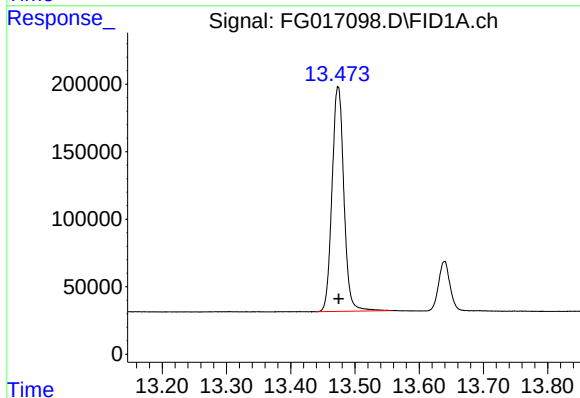
R.T.: 13.639 min
Delta R.T.: -0.002 min
Response: 449016
Conc: 3.31 ug/ml

Instrument :

FID_G

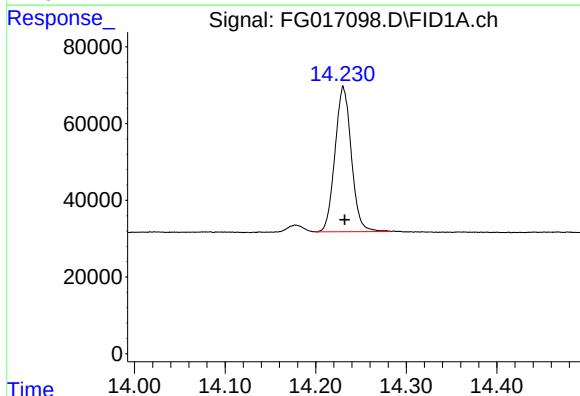
ClientSampleId :

LOD-MDL-WATER-01-QT4-2025



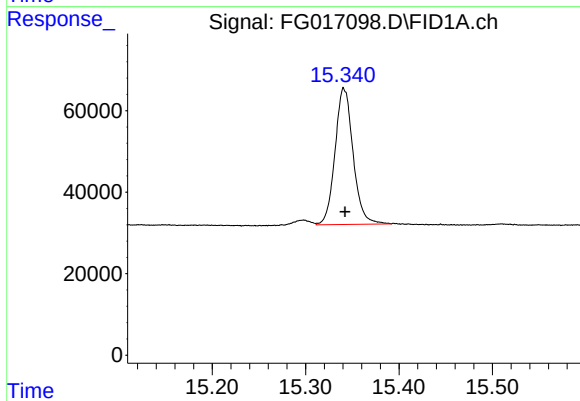
#12 1-chlorooctadecane (SURR)

R.T.: 13.474 min
Delta R.T.: 0.000 min
Response: 2134260
Conc: 18.40 ug/ml



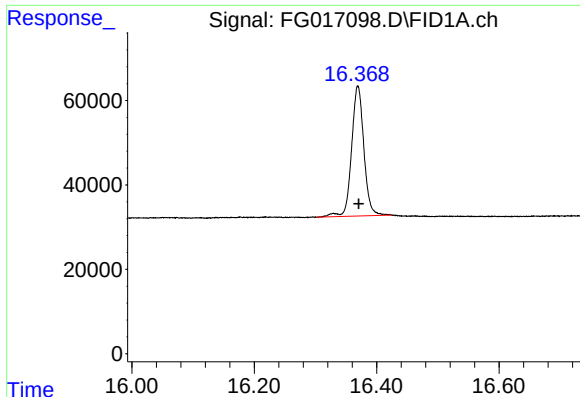
#13 n-Docosane (C22)

R.T.: 14.230 min
Delta R.T.: -0.002 min
Response: 474147
Conc: 3.45 ug/ml



#14 n-Tetracosane (C24)

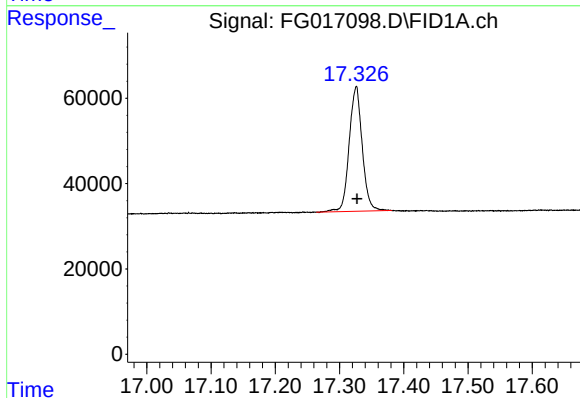
R.T.: 15.341 min
Delta R.T.: -0.001 min
Response: 449133
Conc: 3.17 ug/ml



#15 n-Hexacosane (C26)

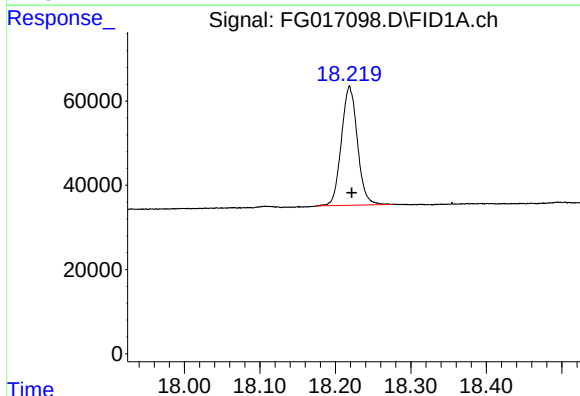
R.T.: 16.369 min
Delta R.T.: -0.002 min
Response: 428107
Conc: 3.08 ug/ml

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



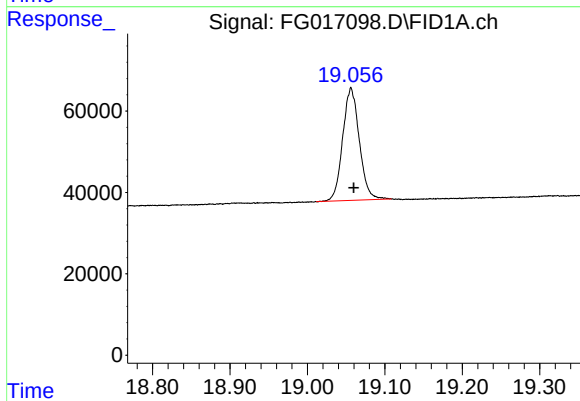
#16 n-Octacosane (C28)

R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 412141
Conc: 2.94 ug/ml



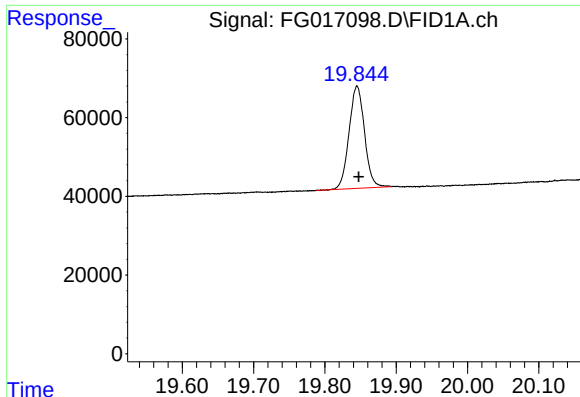
#17 n-Tricontane (C30)

R.T.: 18.219 min
Delta R.T.: -0.003 min
Response: 417422
Conc: 2.81 ug/ml



#18 n-Dotriacontane (C32)

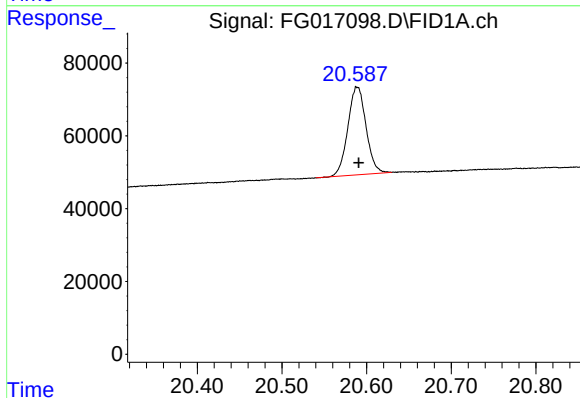
R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 412087
Conc: 2.75 ug/ml



#19 n-Tetratriacontane (C34)

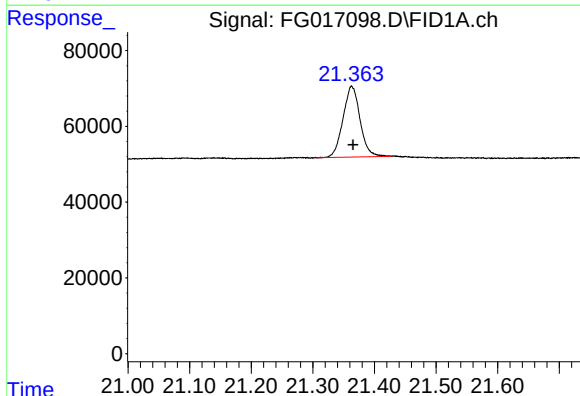
R.T.: 19.845 min
Delta R.T.: -0.002 min
Response: 392139
Conc: 2.99 ug/ml

Instrument :
FID_G
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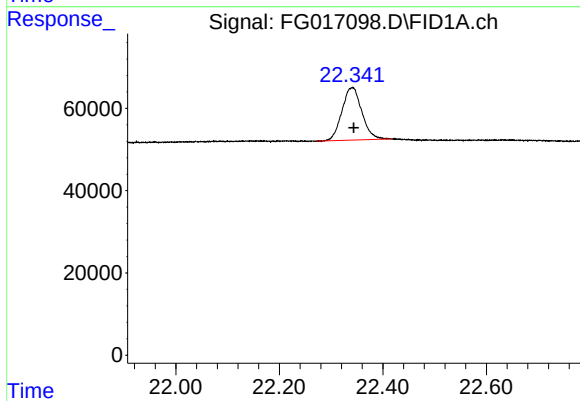
#20 n-Hexatriacontane (C36)

R.T.: 20.589 min
Delta R.T.: -0.002 min
Response: 360520
Conc: 3.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.363 min
Delta R.T.: -0.002 min
Response: 359020
Conc: 3.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.003 min
Response: 340296
Conc: 4.17 ug/ml