

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120525AL\
 Data File : FG017102.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2025 19:15
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : LOD-LOQ-SOIL-0.25 ML-QT4-2025
 ALS Vial : 27 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Dec 06 03:17:49 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...	13.474	2331405	20.100 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.356	187059	1.524 ug/ml
2) T n-Decane (C10)	4.615	236733	1.900 ug/ml
4) T n-Dodecane (C12)	6.795	301464	2.375 ug/ml
6) T n-Tetradecane (C14)	8.634	303562	2.430 ug/ml
7) T n-Hexadecane (C16)	10.251	277527	2.160 ug/ml
8) T n-Octadecane (C18)	11.704	313711	2.310 ug/ml
10) T n-Eicosane (C20)	13.022	363953	2.660 ug/ml
11) T n-Heneicosane (C21)	13.639	306587	2.260 ug/ml
13) T n-Docosane (C22)	14.230	333599	2.430 ug/ml
14) T n-Tetracosane (C24)	15.340	306323	2.165 ug/ml
15) T n-Hexacosane (C26)	16.370	293330	2.112 ug/ml
16) T n-Octacosane (C28)	17.326	276829	1.977 ug/ml
17) T n-Tricontane (C30)	18.218	271622	1.829 ug/ml
18) T n-Dotriacontane (C32)	19.056	267605	1.787 ug/ml
19) T n-Tetratriacontane (C34)	19.845	252385	1.923 ug/ml
20) T n-Hexatriacontane (C36)	20.589	238652	2.267 ug/ml
21) T n-Octatriacontane (C38)	21.362	234737	2.563 ug/ml
22) T n-Tetracontane (C40)	22.338	223971	2.747 ug/ml

(f)=RT Delta > 1/2 Window

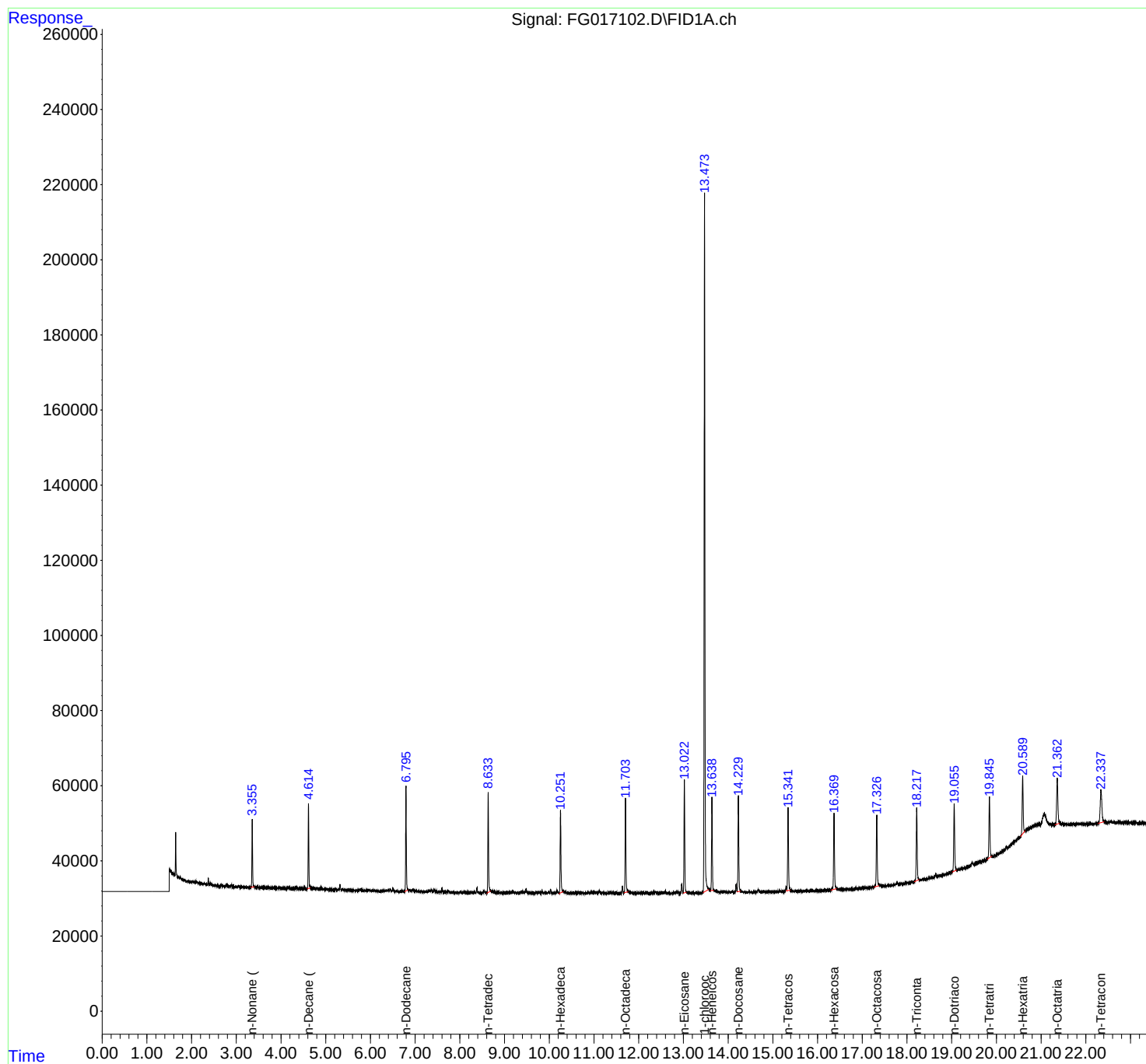
(m)=manual int.

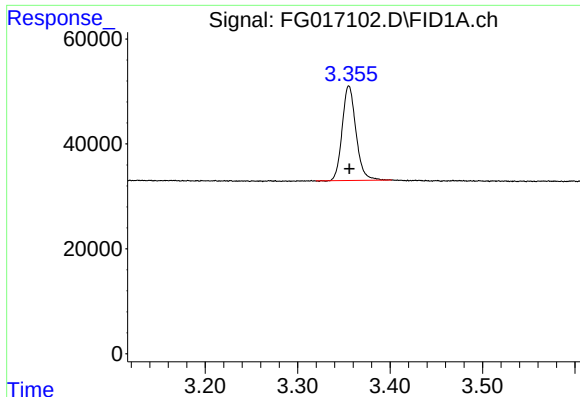
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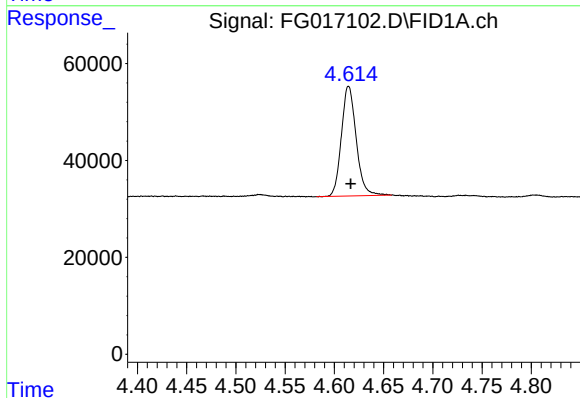




#1 n-Nonane (C9)

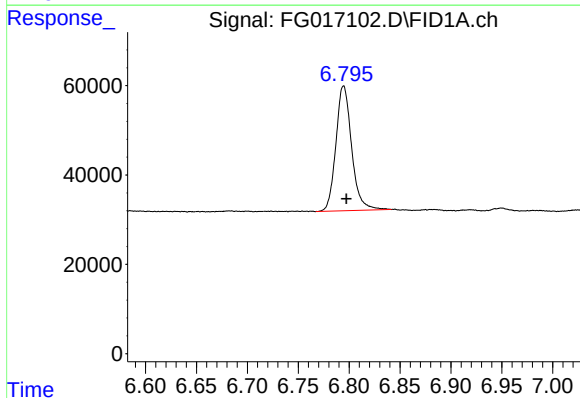
R.T.: 3.356 min
Delta R.T.: 0.000 min
Response: 187059
Conc: 1.52 ug/ml

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



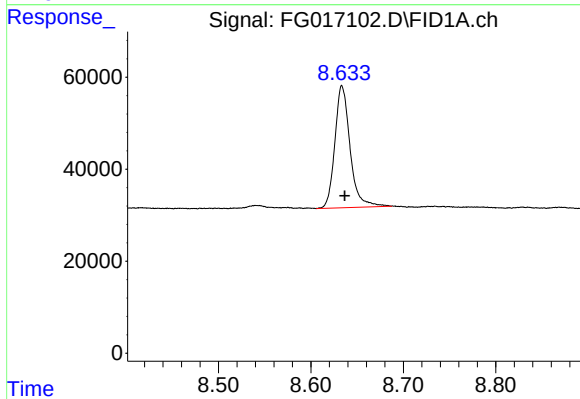
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: -0.002 min
Response: 236733
Conc: 1.90 ug/ml



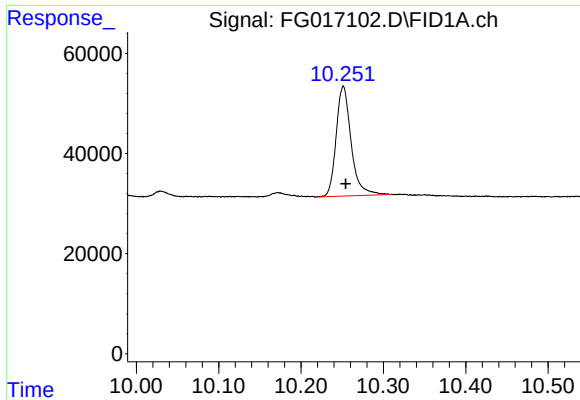
#4 n-Dodecane (C12)

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 301464
Conc: 2.38 ug/ml



#6 n-Tetradecane (C14)

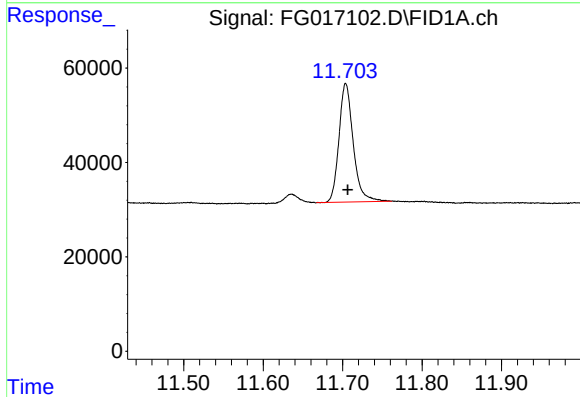
R.T.: 8.634 min
Delta R.T.: -0.003 min
Response: 303562
Conc: 2.43 ug/ml



#7 n-Hexadecane (C16)

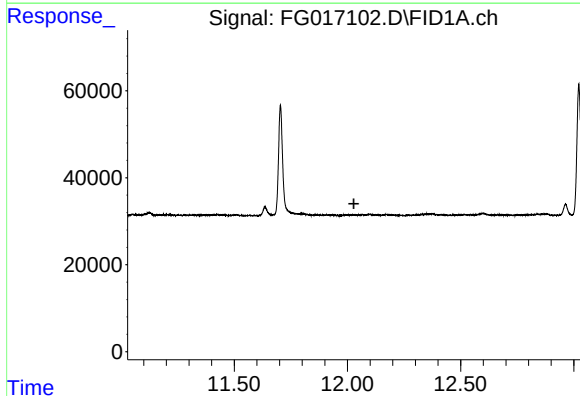
R.T.: 10.251 min
Delta R.T.: -0.003 min
Response: 277527
Conc: 2.16 ug/ml

Instrument :
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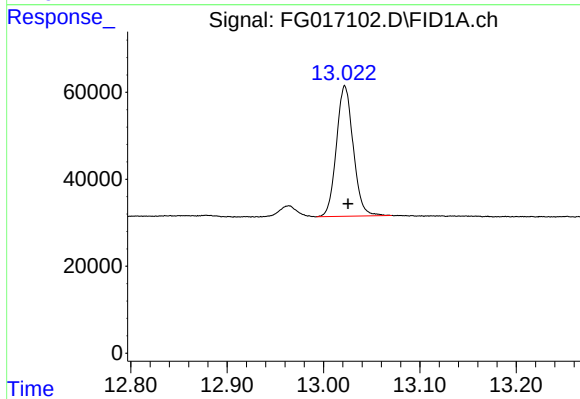
#8 n-Octadecane (C18)

R.T.: 11.704 min
Delta R.T.: -0.002 min
Response: 313711
Conc: 2.31 ug/ml



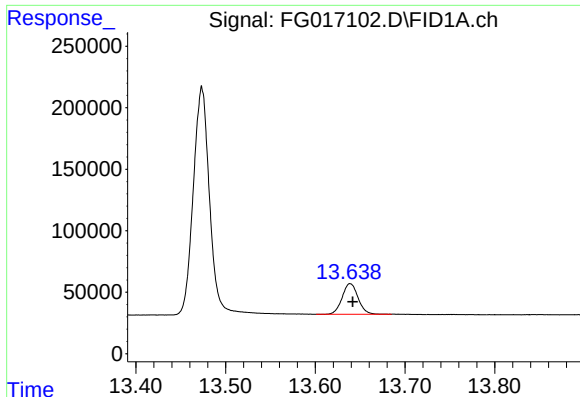
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

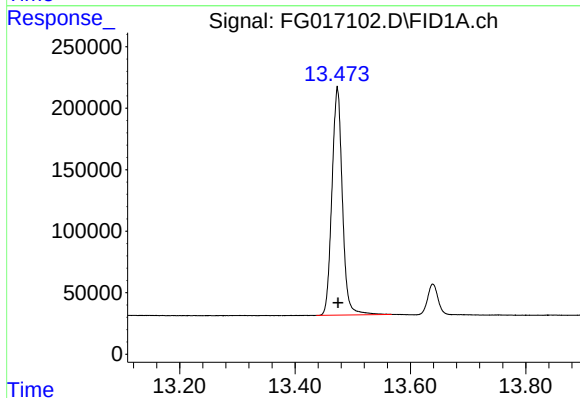
R.T.: 13.022 min
Delta R.T.: -0.003 min
Response: 363953
Conc: 2.66 ug/ml



#11 n-Heneicosane (C21)

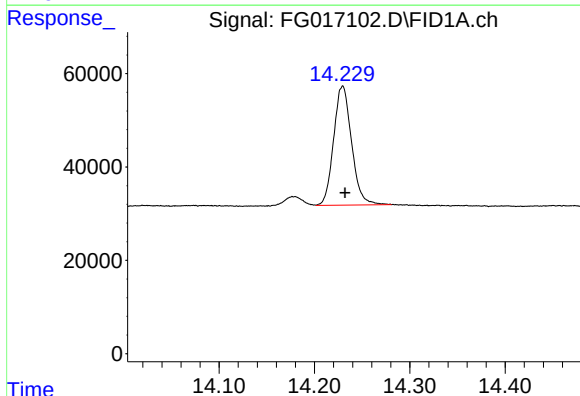
R.T.: 13.639 min
Delta R.T.: -0.003 min
Response: 306587
Conc: 2.26 ug/ml

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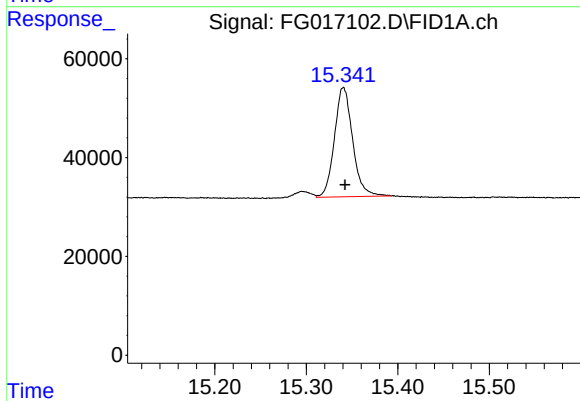
#12 1-chlorooctadecane (SURR)

R.T.: 13.474 min
Delta R.T.: -0.001 min
Response: 2331405
Conc: 20.10 ug/ml



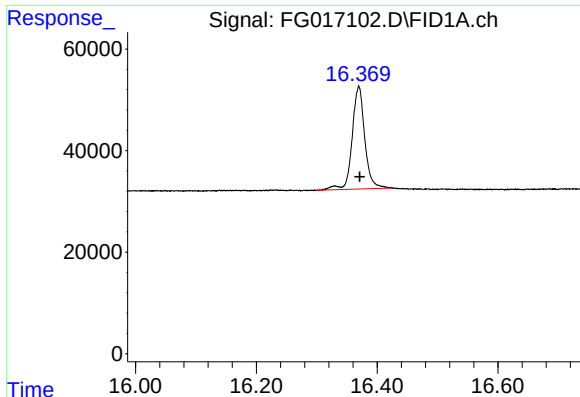
#13 n-Docosane (C22)

R.T.: 14.230 min
Delta R.T.: -0.003 min
Response: 333599
Conc: 2.43 ug/ml



#14 n-Tetracosane (C24)

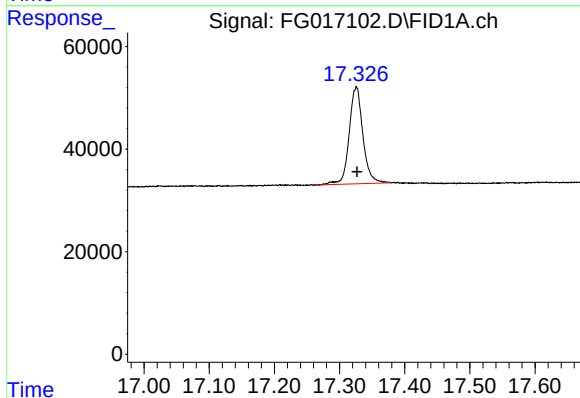
R.T.: 15.340 min
Delta R.T.: -0.002 min
Response: 306323
Conc: 2.17 ug/ml



#15 n-Hexacosane (C26)

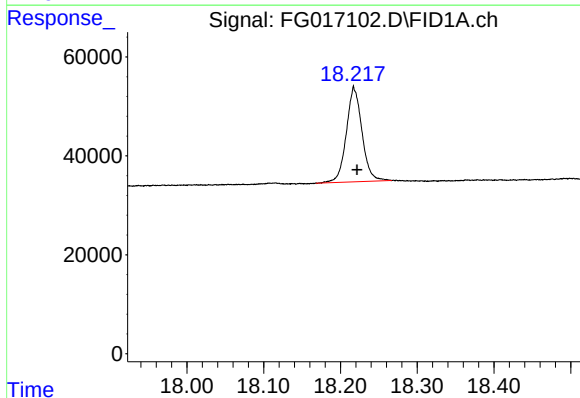
R.T.: 16.370 min
Delta R.T.: -0.001 min
Response: 293330
Conc: 2.11 ug/ml

Instrument :
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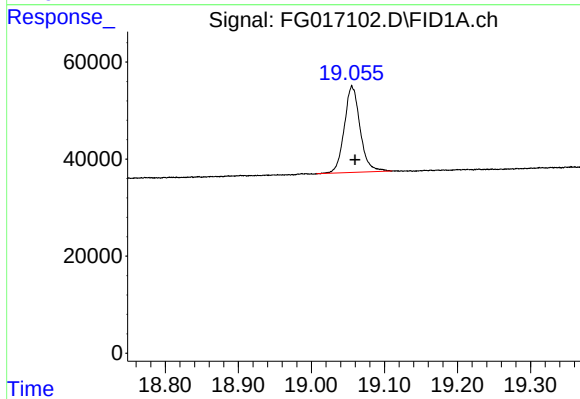
#16 n-Octacosane (C28)

R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 276829
Conc: 1.98 ug/ml



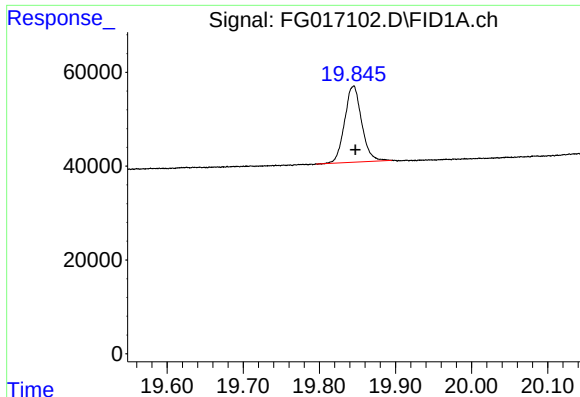
#17 n-Tricontane (C30)

R.T.: 18.218 min
Delta R.T.: -0.004 min
Response: 271622
Conc: 1.83 ug/ml



#18 n-Dotriacontane (C32)

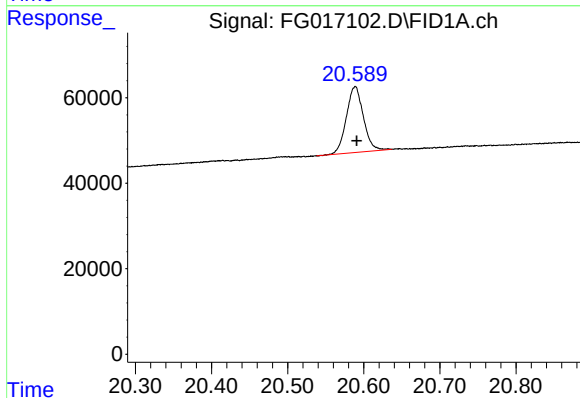
R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 267605
Conc: 1.79 ug/ml



#19 n-Tetratriacontane (C34)

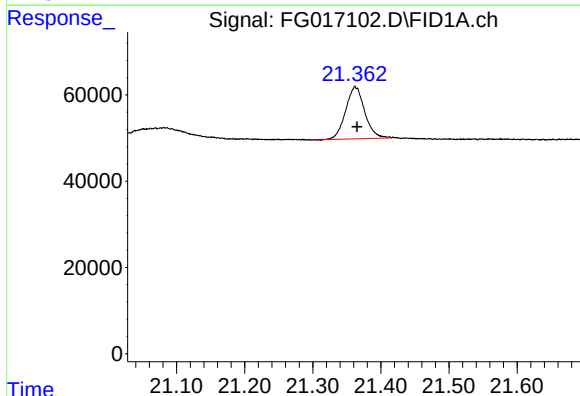
R.T.: 19.845 min
Delta R.T.: -0.003 min
Response: 252385
Conc: 1.92 ug/ml

Instrument :
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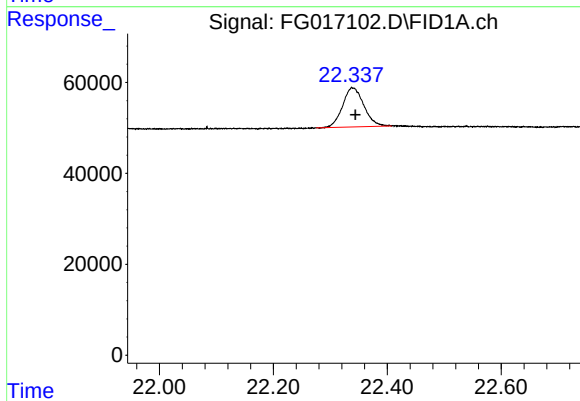
#20 n-Hexatriacontane (C36)

R.T.: 20.589 min
Delta R.T.: -0.002 min
Response: 238652
Conc: 2.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.362 min
Delta R.T.: -0.003 min
Response: 234737
Conc: 2.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.338 min
Delta R.T.: -0.006 min
Response: 223971
Conc: 2.75 ug/ml