

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG016095.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 11:57
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:00:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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...	13.537	4183139	41.514 ug/ml
Spiked Amount 50.000		Recovery =	83.03%
Target Compounds			
1) T n-Nonane (C9)	3.421	152740	1.412 ug/ml
2) T n-Decane (C10)	4.680	185003	1.687 ug/ml
4) T n-Dodecane (C12)	6.857	221064	2.008 ug/ml
6) T n-Tetradecane (C14)	8.695	249020	2.268 ug/ml
7) T n-Hexadecane (C16)	10.313	227311	1.997 ug/ml
8) T n-Octadecane (C18)	11.766	243728	2.094 ug/ml
10) T n-Eicosane (C20)	13.085	261656	2.299 ug/ml
11) T n-Heneicosane (C21)	13.702	245597	2.169 ug/ml
13) T n-Docosane (C22)	14.291	258626	2.275 ug/ml
14) T n-Tetracosane (C24)	15.402	258949	2.246 ug/ml
15) T n-Hexacosane (C26)	16.429	257839	2.241 ug/ml
16) T n-Octacosane (C28)	17.383	264835	2.334 ug/ml
17) T n-Tricontane (C30)	18.276	297240	2.596 ug/ml
18) T n-Dotriacontane (C32)	19.112	298505	2.738 ug/ml
19) T n-Tetratriacontane (C34)	19.899	273511	2.765 ug/ml
20) T n-Hexatriacontane (C36)	20.642	240292	2.831 ug/ml
21) T n-Octatriacontane (C38)	21.431	215574	2.856 ug/ml
22) T n-Tetracontane (C40)	22.432	196915	2.848 ug/ml

(f)=RT Delta > 1/2 Window

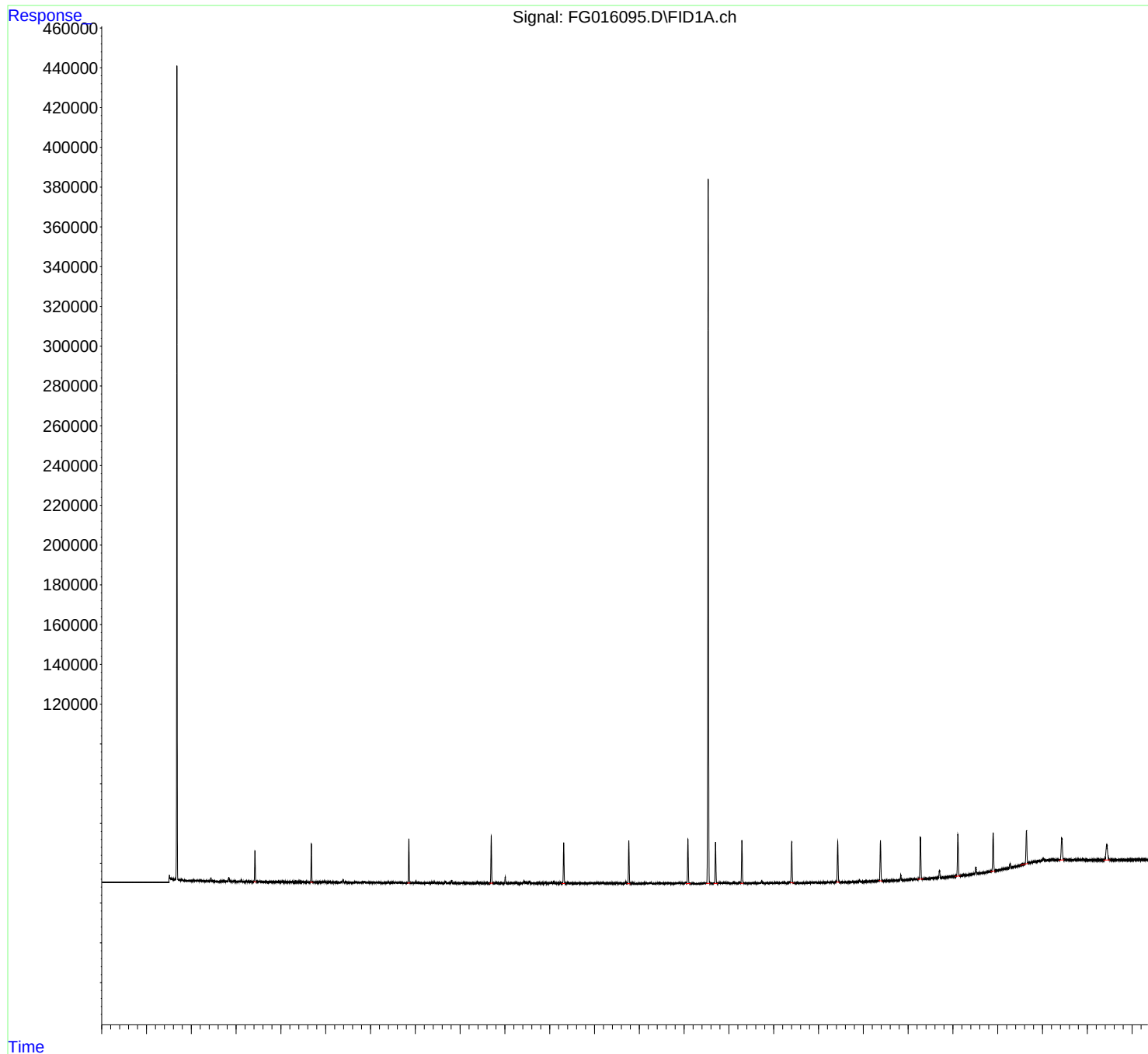
(m)=manual int.

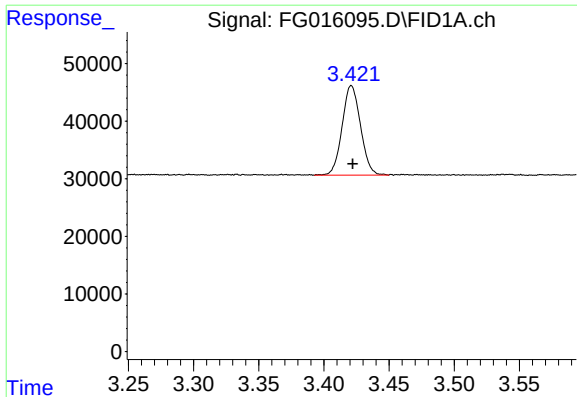
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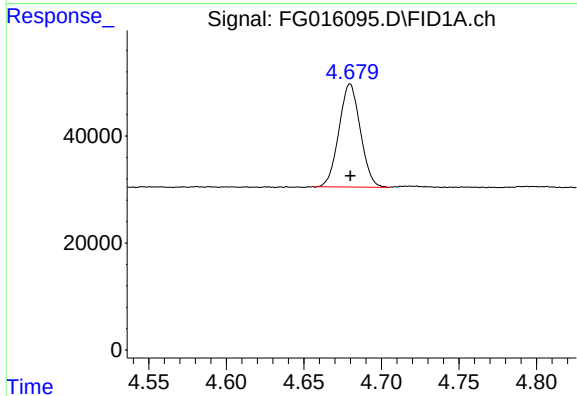




#1 n-Nonane (C9)

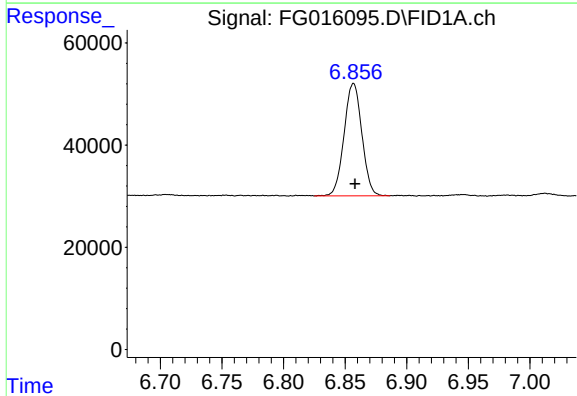
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 152740
Conc: 1.41 ug/ml

Instrument :
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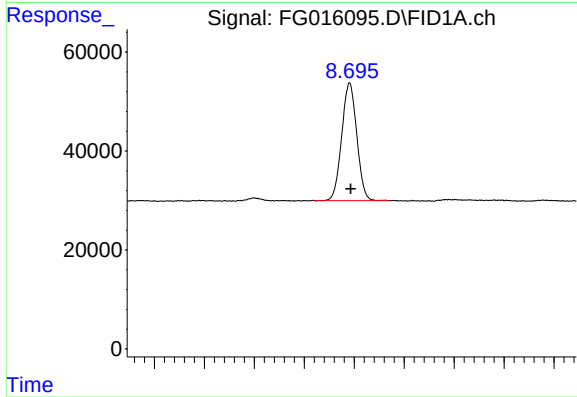
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 185003
Conc: 1.69 ug/ml



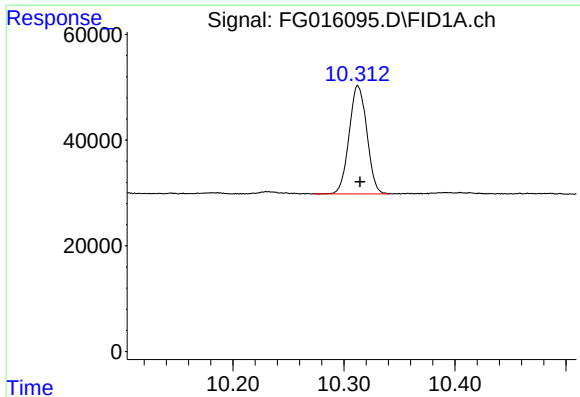
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 221064
Conc: 2.01 ug/ml



#6 n-Tetradecane (C14)

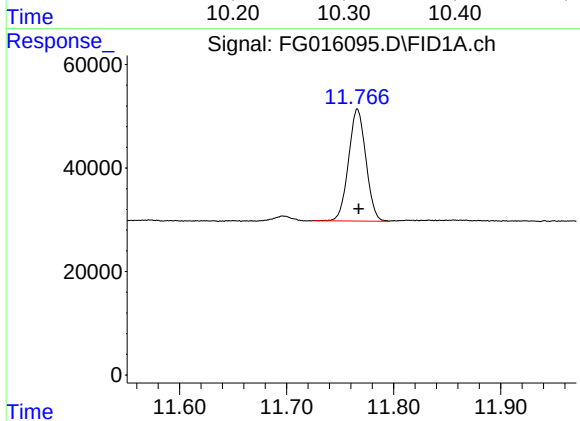
R.T.: 8.695 min
Delta R.T.: -0.001 min
Response: 249020
Conc: 2.27 ug/ml



#7 n-Hexadecane (C16)

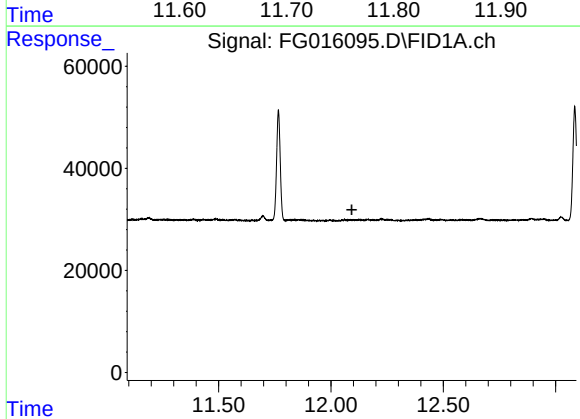
R.T.: 10.313 min
Delta R.T.: -0.002 min
Response: 227311
Conc: 2.00 ug/ml

Instrument :
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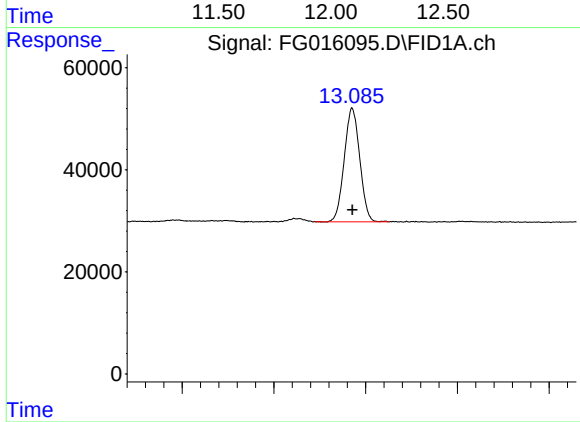
#8 n-Octadecane (C18)

R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 243728
Conc: 2.09 ug/ml



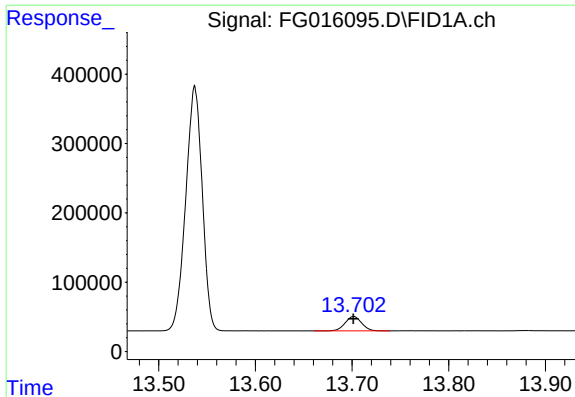
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.092 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

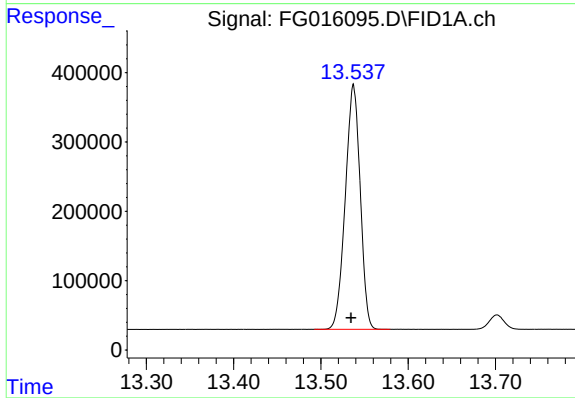
R.T.: 13.085 min
Delta R.T.: 0.000 min
Response: 261656
Conc: 2.30 ug/ml



#11 n-Heneicosane (C21)

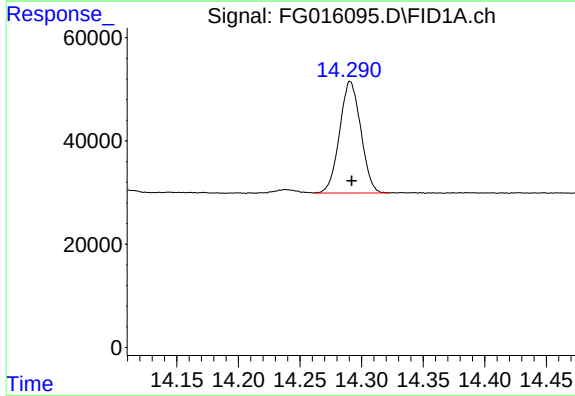
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 245597
Conc: 2.17 ug/ml

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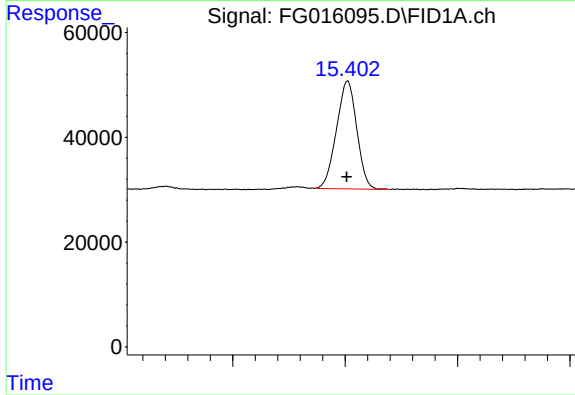
#12 1-chlorooctadecane (SURR)

R.T.: 13.537 min
Delta R.T.: 0.003 min
Response: 4183139
Conc: 41.51 ug/ml



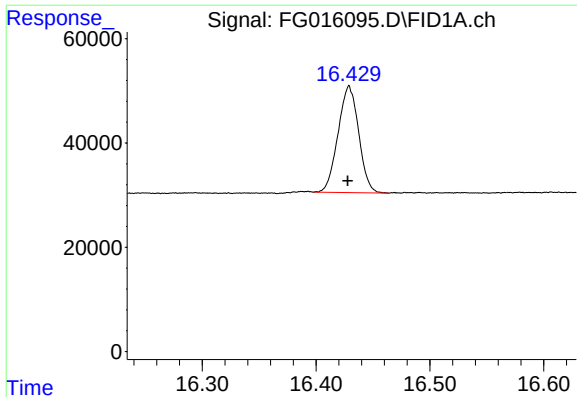
#13 n-Docosane (C22)

R.T.: 14.291 min
Delta R.T.: -0.001 min
Response: 258626
Conc: 2.28 ug/ml



#14 n-Tetracosane (C24)

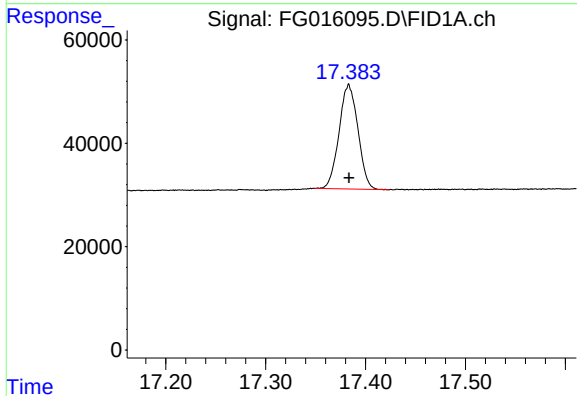
R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 258949
Conc: 2.25 ug/ml



#15 n-Hexacosane (C26)

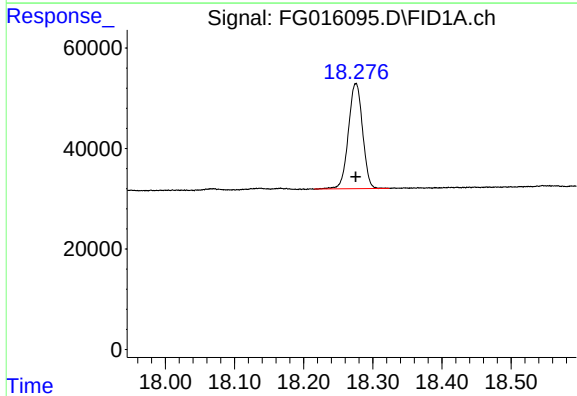
R.T.: 16.429 min
Delta R.T.: 0.001 min
Response: 257839
Conc: 2.24 ug/ml

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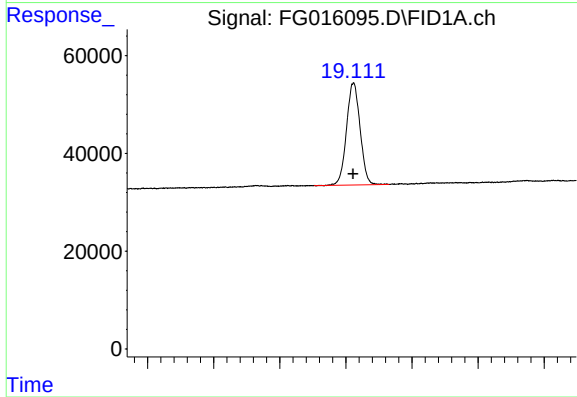
#16 n-Octacosane (C28)

R.T.: 17.383 min
Delta R.T.: 0.000 min
Response: 264835
Conc: 2.33 ug/ml



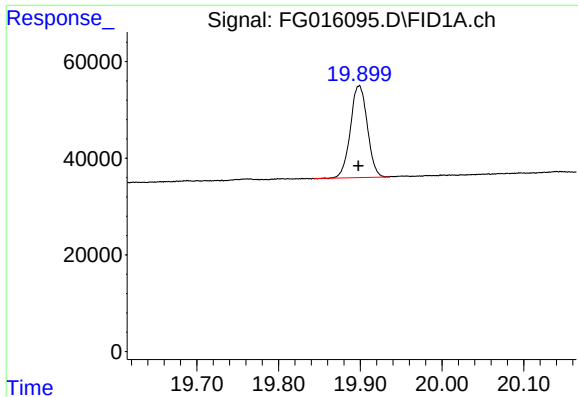
#17 n-Tricontane (C30)

R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 297240
Conc: 2.60 ug/ml



#18 n-Dotriacontane (C32)

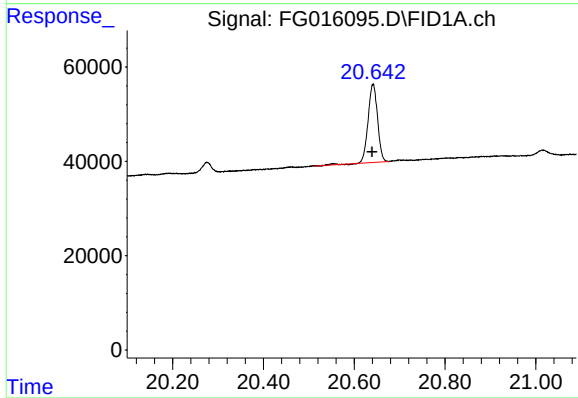
R.T.: 19.112 min
Delta R.T.: 0.000 min
Response: 298505
Conc: 2.74 ug/ml



#19 n-Tetratriacontane (C34)

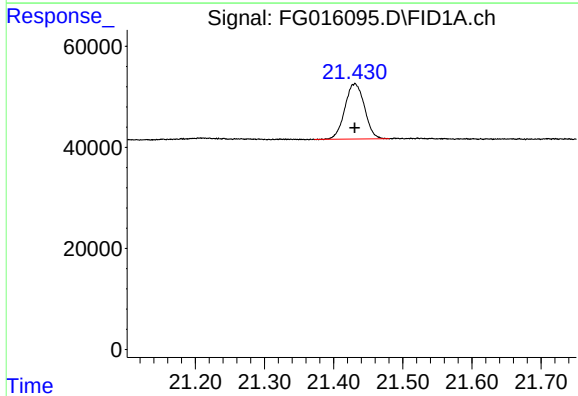
R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 273511
Conc: 2.76 ug/ml

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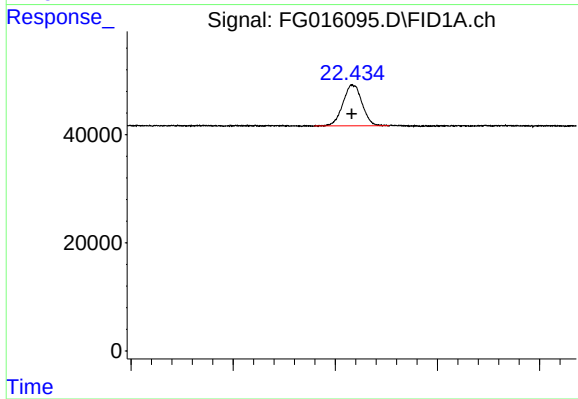
#20 n-Hexatriacontane (C36)

R.T.: 20.642 min
Delta R.T.: 0.002 min
Response: 240292
Conc: 2.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.431 min
Delta R.T.: 0.000 min
Response: 215574
Conc: 2.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.432 min
Delta R.T.: 0.000 min
Response: 196915
Conc: 2.85 ug/ml