

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG016097.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 13:29
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:01:14 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...	13.538	4117999	40.868 ug/ml
Spiked Amount 50.000		Recovery =	81.74%
Target Compounds			
1) T n-Nonane (C9)	3.421	147815	1.366 ug/ml
2) T n-Decane (C10)	4.680	180989	1.650 ug/ml
4) T n-Dodecane (C12)	6.857	217305	1.974 ug/ml
6) T n-Tetradecane (C14)	8.697	244255	2.224 ug/ml
7) T n-Hexadecane (C16)	10.314	224099	1.969 ug/ml
8) T n-Octadecane (C18)	11.767	238100	2.045 ug/ml
10) T n-Eicosane (C20)	13.086	257777	2.265 ug/ml
11) T n-Heneicosane (C21)	13.703	240978	2.129 ug/ml
13) T n-Docosane (C22)	14.292	254584	2.239 ug/ml
14) T n-Tetracosane (C24)	15.403	251262	2.179 ug/ml
15) T n-Hexacosane (C26)	16.429	252975	2.198 ug/ml
16) T n-Octacosane (C28)	17.384	266009	2.344 ug/ml
17) T n-Tricontane (C30)	18.276	294011	2.568 ug/ml
18) T n-Dotriacontane (C32)	19.113	297344	2.727 ug/ml
19) T n-Tetratriacontane (C34)	19.900	272060	2.750 ug/ml
20) T n-Hexatriacontane (C36)	20.643	237890	2.803 ug/ml
21) T n-Octatriacontane (C38)	21.433	213814	2.832 ug/ml
22) T n-Tetracontane (C40)	22.435	194040	2.806 ug/ml

(f)=RT Delta > 1/2 Window

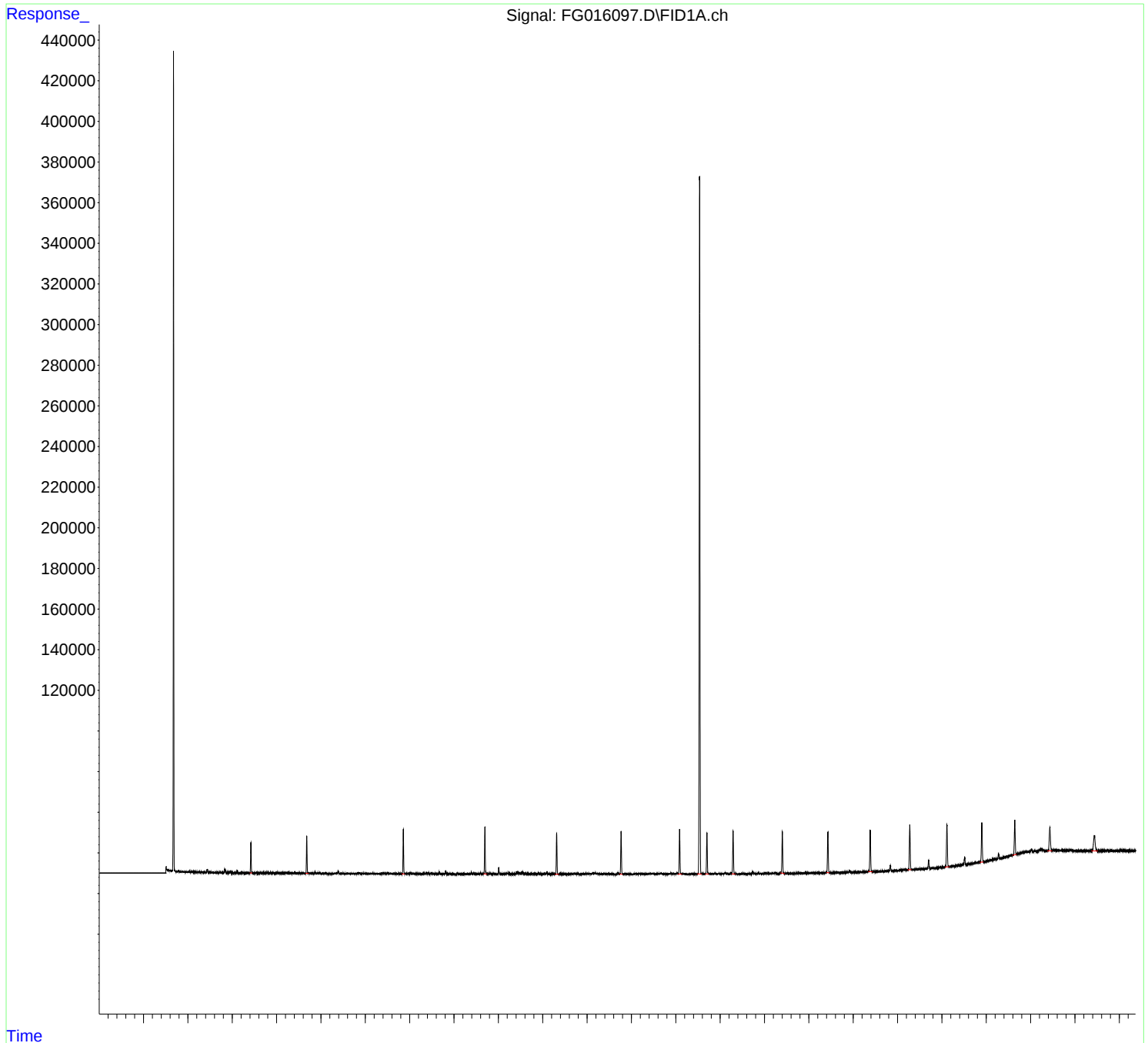
(m)=manual int.

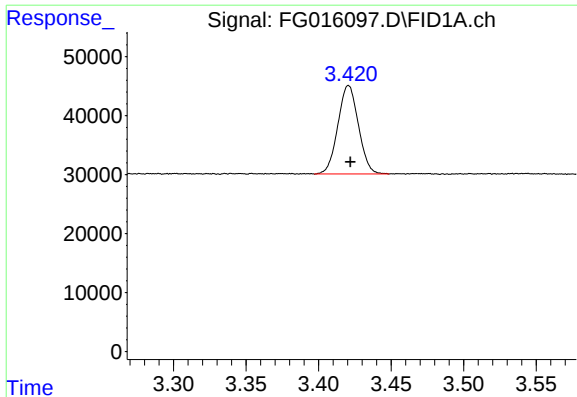
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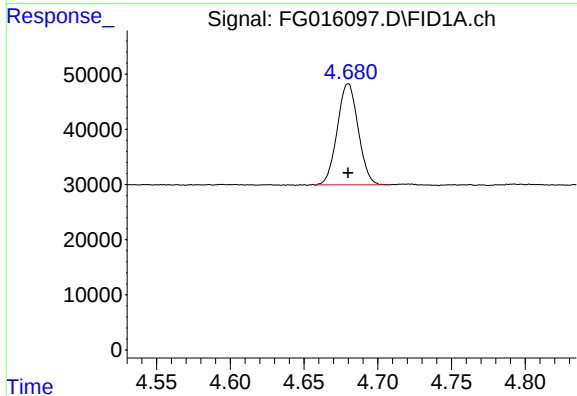




#1 n-Nonane (C9)

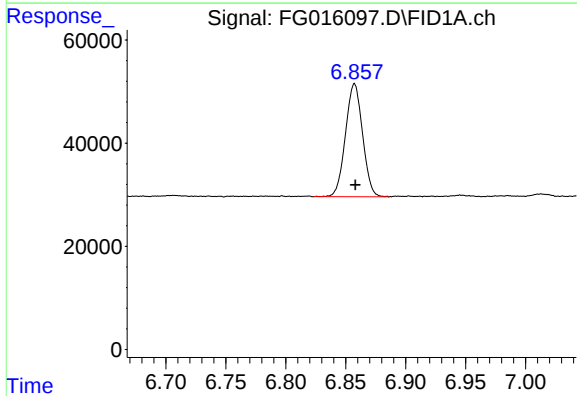
R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 147815
Conc: 1.37 ug/ml

Instrument :
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LOD-MDL-WATER-01-QT2-2025



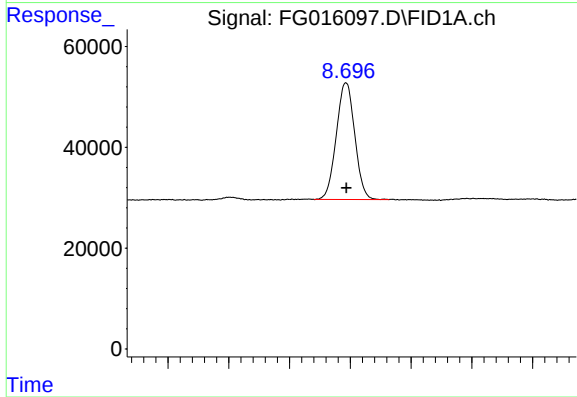
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 180989
Conc: 1.65 ug/ml



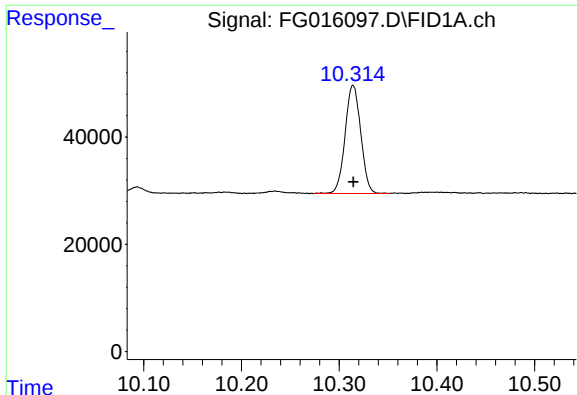
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 217305
Conc: 1.97 ug/ml



#6 n-Tetradecane (C14)

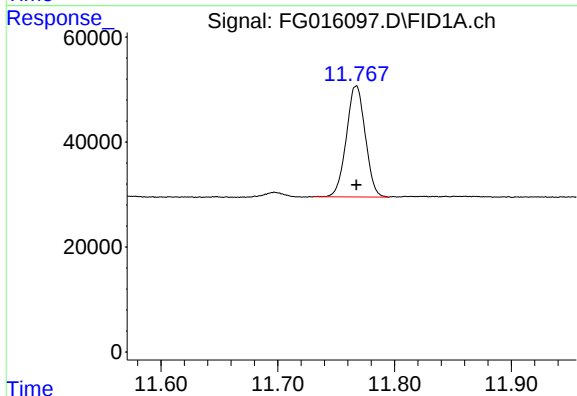
R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 244255
Conc: 2.22 ug/ml



#7 n-Hexadecane (C16)

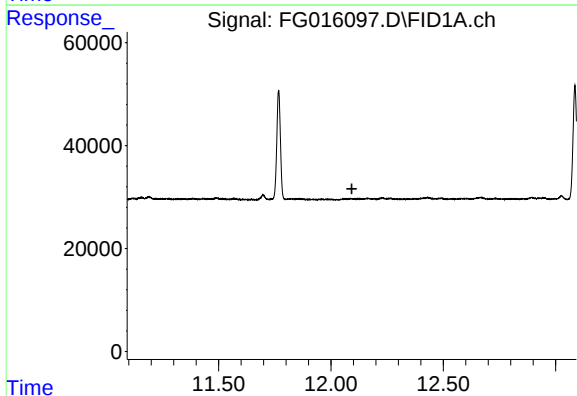
R.T.: 10.314 min
Delta R.T.: 0.000 min
Response: 224099
Conc: 1.97 ug/ml

Instrument :
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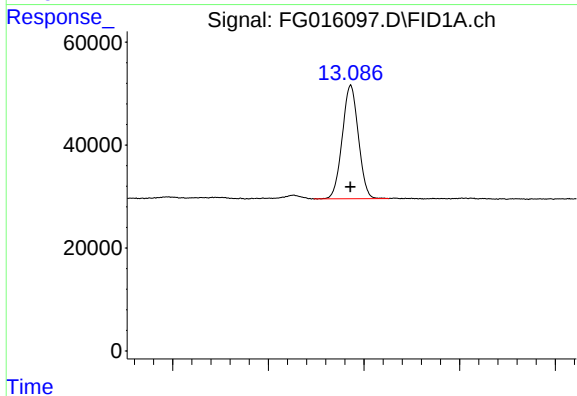
#8 n-Octadecane (C18)

R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 238100
Conc: 2.05 ug/ml



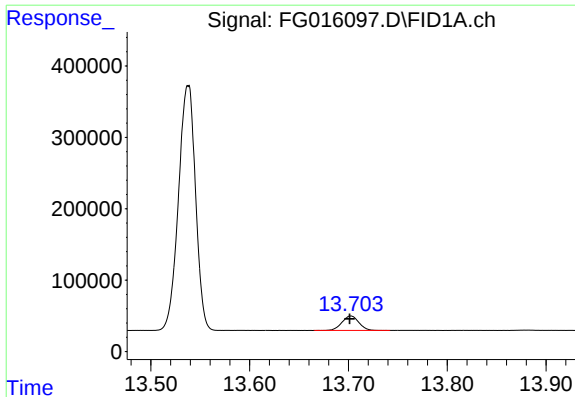
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

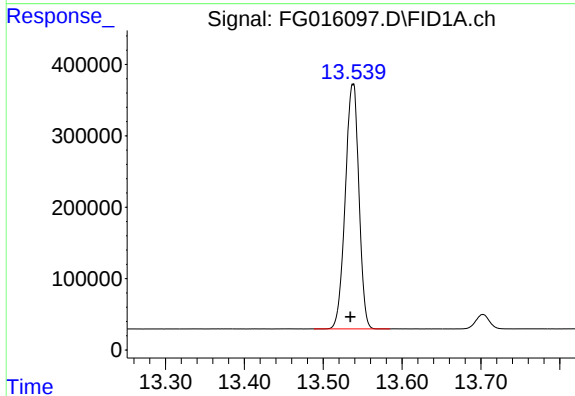
R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 257777
Conc: 2.26 ug/ml



#11 n-Heneicosane (C21)

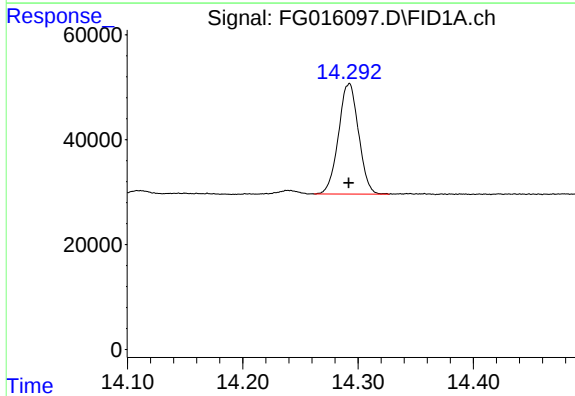
R.T.: 13.703 min
Delta R.T.: 0.001 min
Response: 240978
Conc: 2.13 ug/ml

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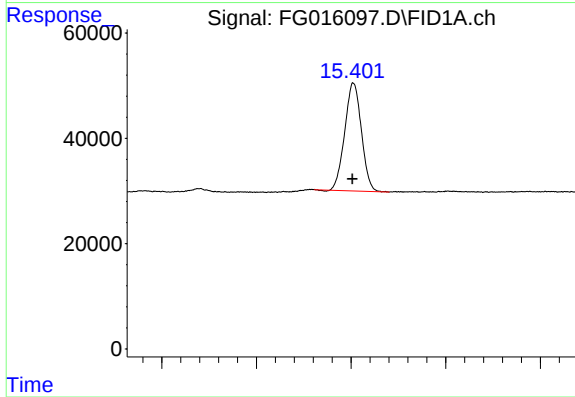
#12 1-chlorooctadecane (SURR)

R.T.: 13.538 min
Delta R.T.: 0.003 min
Response: 4117999
Conc: 40.87 ug/ml



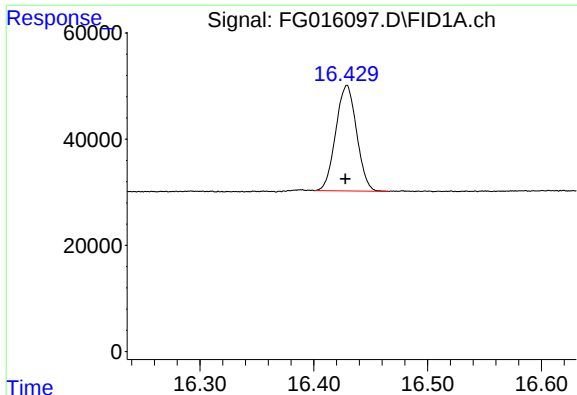
#13 n-Docosane (C22)

R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 254584
Conc: 2.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.403 min
Delta R.T.: 0.001 min
Response: 251262
Conc: 2.18 ug/ml



#15 n-Hexacosane (C26)

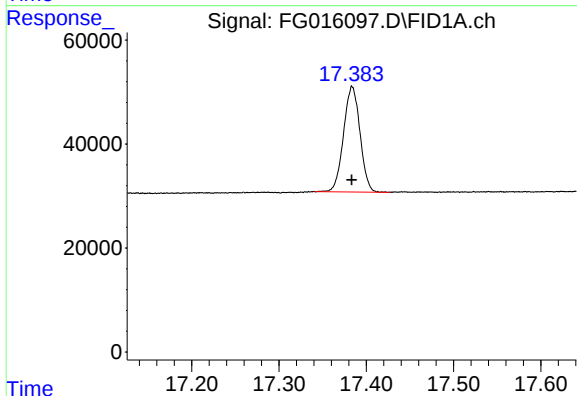
R.T.: 16.429 min

Delta R.T.: 0.001 min

Response: 252975

Conc: 2.20 ug/ml

Instrument :
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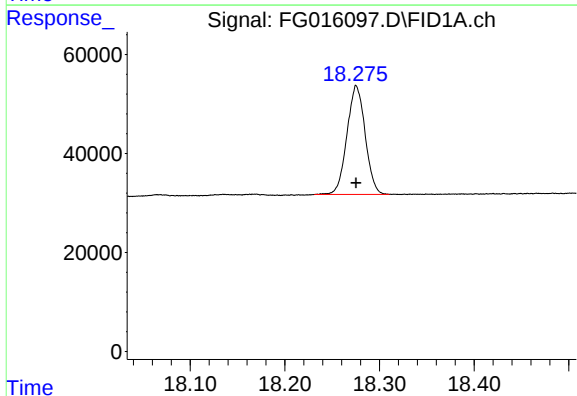
#16 n-Octacosane (C28)

R.T.: 17.384 min

Delta R.T.: 0.000 min

Response: 266009

Conc: 2.34 ug/ml



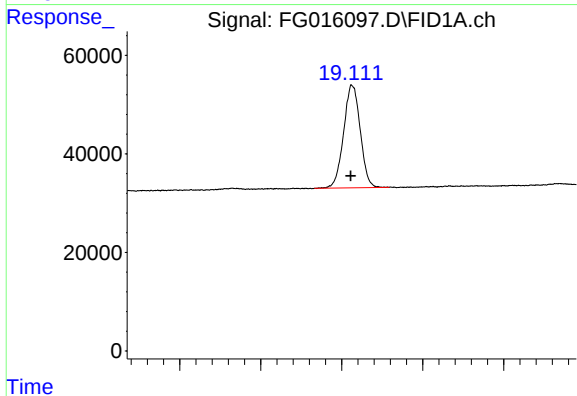
#17 n-Tricontane (C30)

R.T.: 18.276 min

Delta R.T.: 0.000 min

Response: 294011

Conc: 2.57 ug/ml



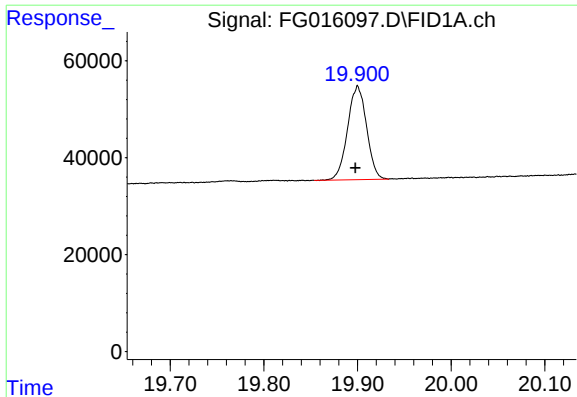
#18 n-Dotriacontane (C32)

R.T.: 19.113 min

Delta R.T.: 0.002 min

Response: 297344

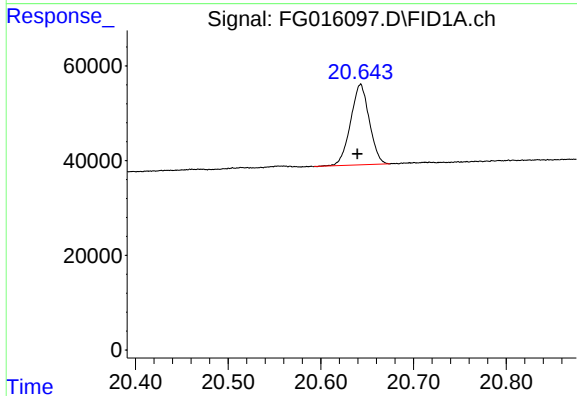
Conc: 2.73 ug/ml



#19 n-Tetratriacontane (C34)

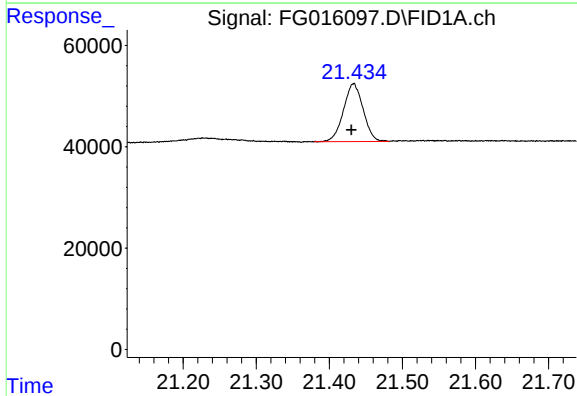
R.T.: 19.900 min
Delta R.T.: 0.003 min
Response: 272060
Conc: 2.75 ug/ml

Instrument :
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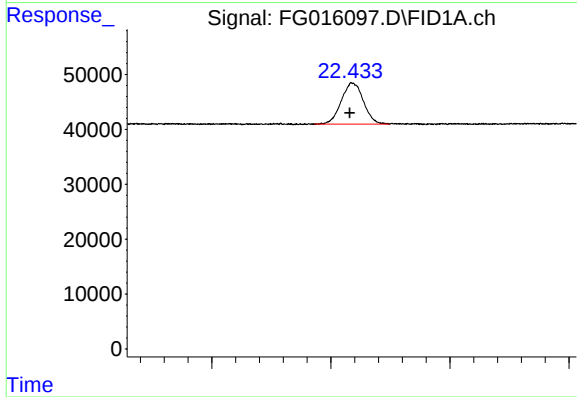
#20 n-Hexatriacontane (C36)

R.T.: 20.643 min
Delta R.T.: 0.003 min
Response: 237890
Conc: 2.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.433 min
Delta R.T.: 0.003 min
Response: 213814
Conc: 2.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.003 min
Response: 194040
Conc: 2.81 ug/ml