

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061625AL\
 Data File : FG016098.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jun 2025 14:03
 Operator : YP\AJ
 Sample : Q2126-02
 Misc : 5 PPM WATER LOQ
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 05:01:29 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...	13.540	5089526	50.509 ug/ml
Spiked Amount 50.000		Recovery =	101.02%
Target Compounds			
1) T n-Nonane (C9)	3.420	298931	2.763 ug/ml
2) T n-Decane (C10)	4.679	367405	3.349 ug/ml
4) T n-Dodecane (C12)	6.857	422520	3.837 ug/ml
6) T n-Tetradecane (C14)	8.696	460042	4.189 ug/ml
7) T n-Hexadecane (C16)	10.315	445060	3.910 ug/ml
8) T n-Octadecane (C18)	11.768	477285	4.100 ug/ml
10) T n-Eicosane (C20)	13.087	513212	4.509 ug/ml
11) T n-Heneicosane (C21)	13.702	493314	4.357 ug/ml
13) T n-Docosane (C22)	14.292	507311	4.463 ug/ml
14) T n-Tetracosane (C24)	15.402	506481	4.392 ug/ml
15) T n-Hexacosane (C26)	16.429	507794	4.413 ug/ml
16) T n-Octacosane (C28)	17.385	529120	4.662 ug/ml
17) T n-Tricontane (C30)	18.276	580000	5.066 ug/ml
18) T n-Dotriacontane (C32)	19.114	586440	5.379 ug/ml
19) T n-Tetratriacontane (C34)	19.899	542619	5.485 ug/ml
20) T n-Hexatriacontane (C36)	20.642	480333	5.659 ug/ml
21) T n-Octatriacontane (C38)	21.433	431987	5.722 ug/ml
22) T n-Tetracontane (C40)	22.436	391288	5.659 ug/ml

(f)=RT Delta > 1/2 Window

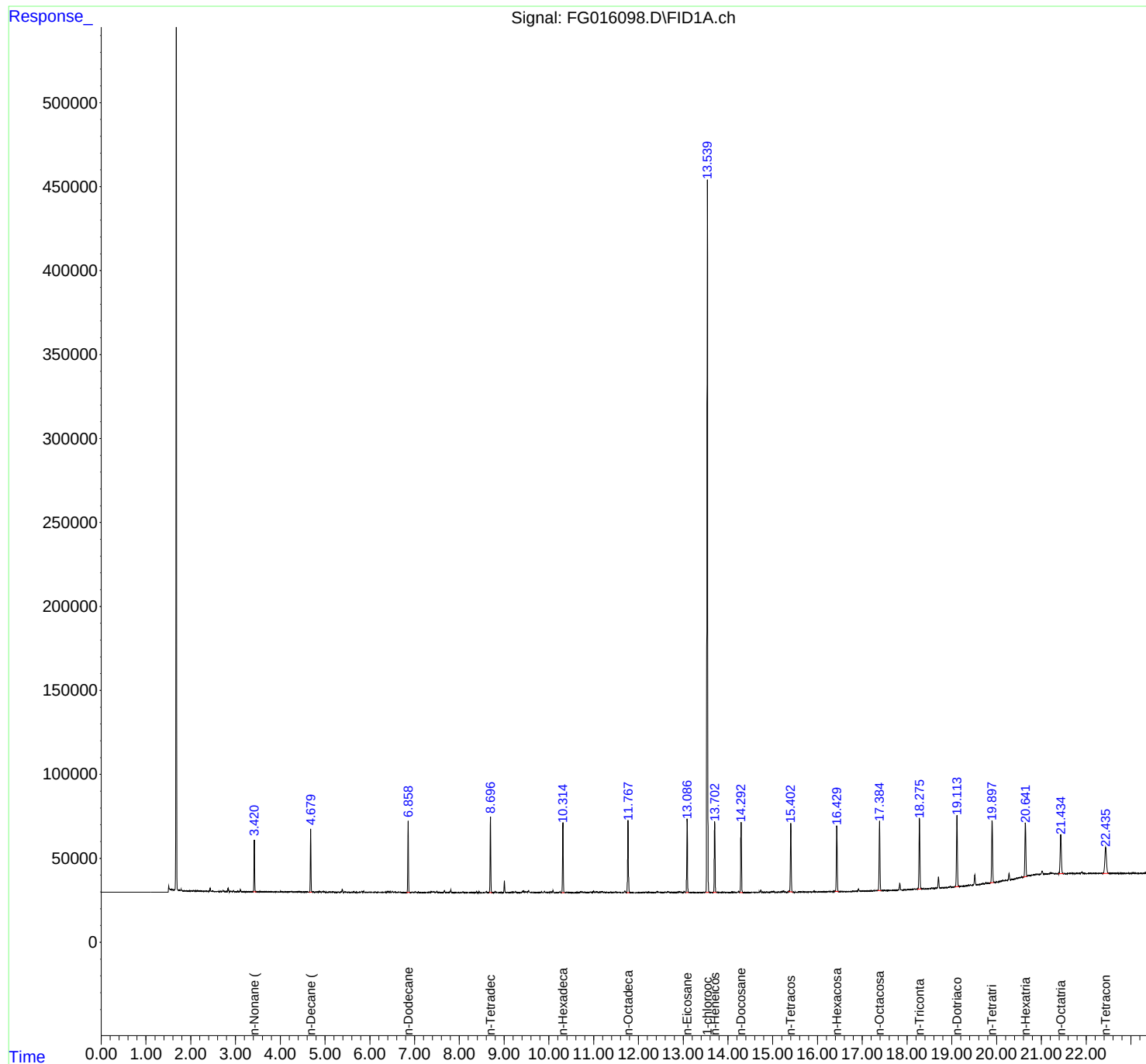
(m)=manual int.

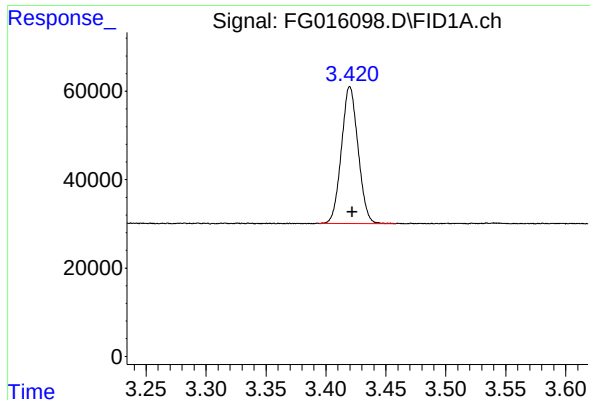
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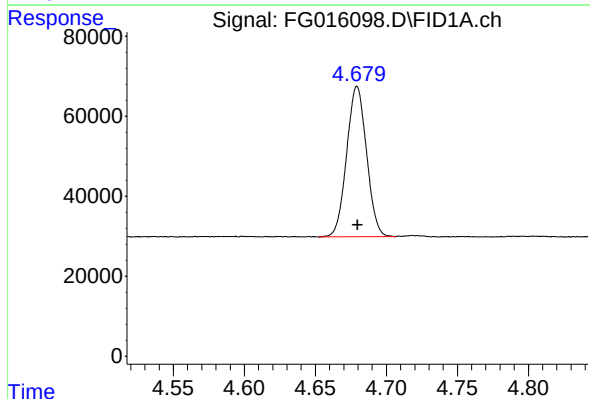




#1 n-Nonane (C9)

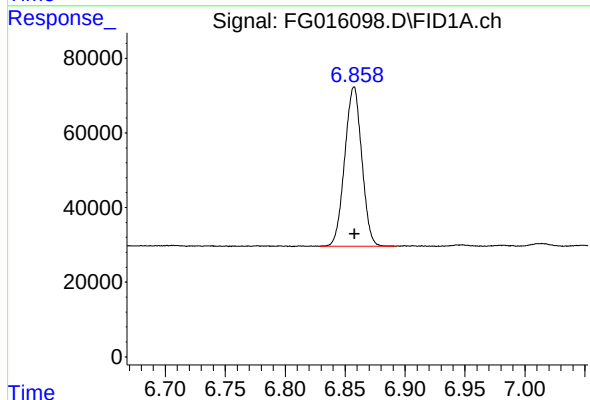
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 298931
Conc: 2.76 ug/ml

Instrument :
FID_G
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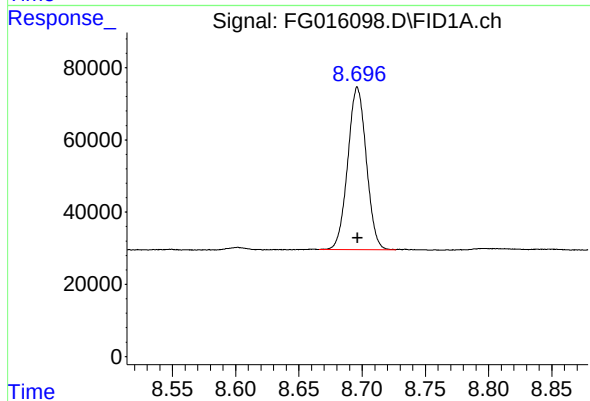
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 367405
Conc: 3.35 ug/ml



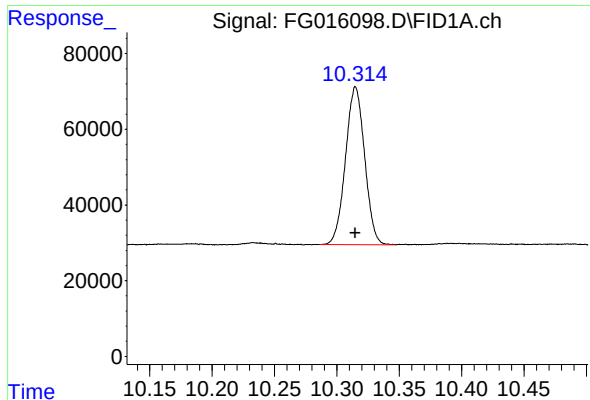
#4 n-Dodecane (C12)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 422520
Conc: 3.84 ug/ml



#6 n-Tetradecane (C14)

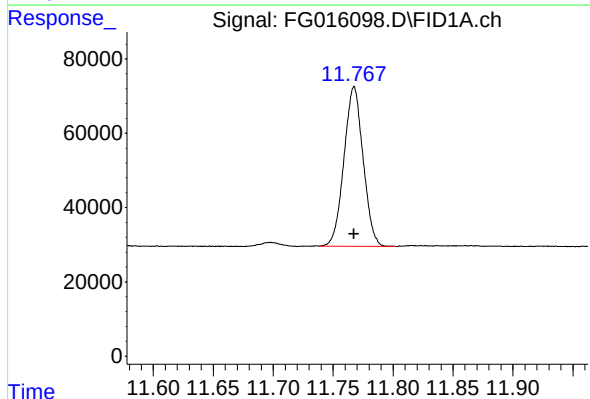
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 460042
Conc: 4.19 ug/ml



#7 n-Hexadecane (C16)

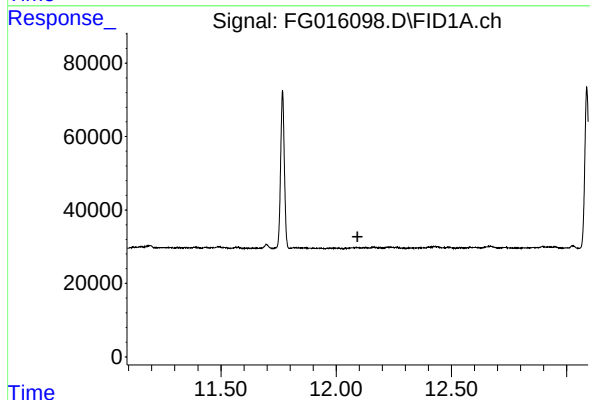
R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 445060
Conc: 3.91 ug/ml

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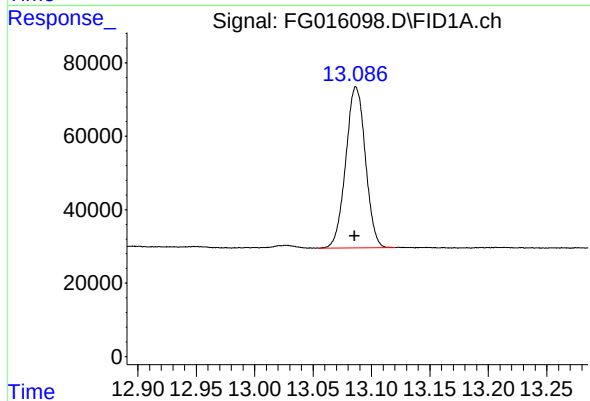
#8 n-Octadecane (C18)

R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 477285
Conc: 4.10 ug/ml



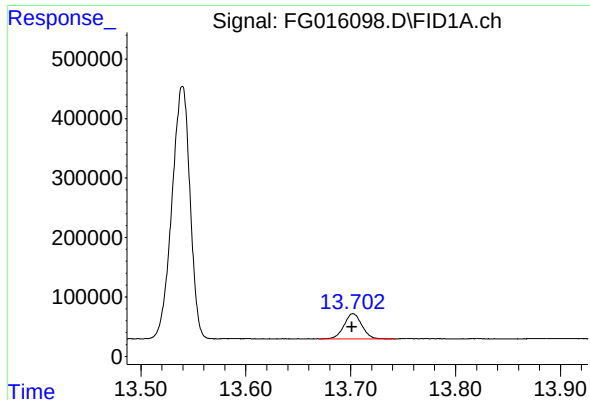
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

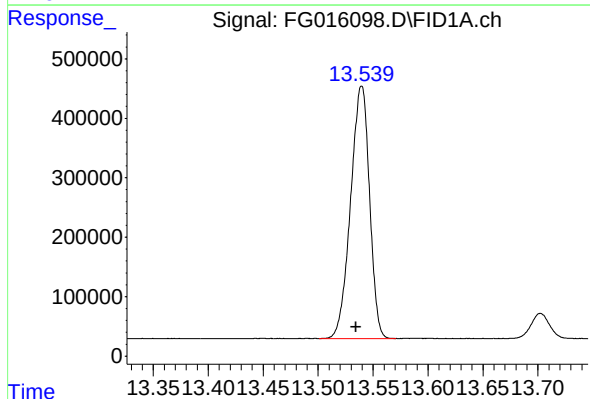
R.T.: 13.087 min
Delta R.T.: 0.001 min
Response: 513212
Conc: 4.51 ug/ml



#11 n-Heneicosane (C21)

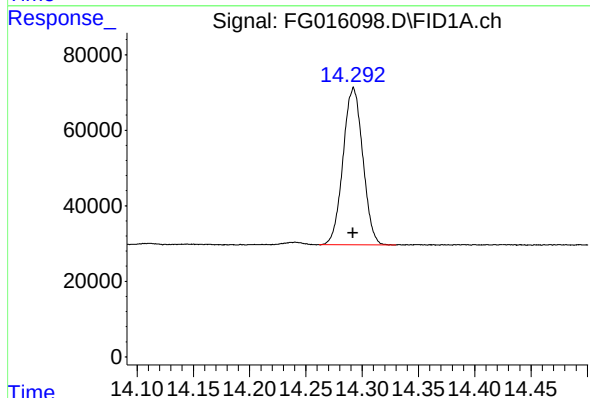
R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 493314
Conc: 4.36 ug/ml

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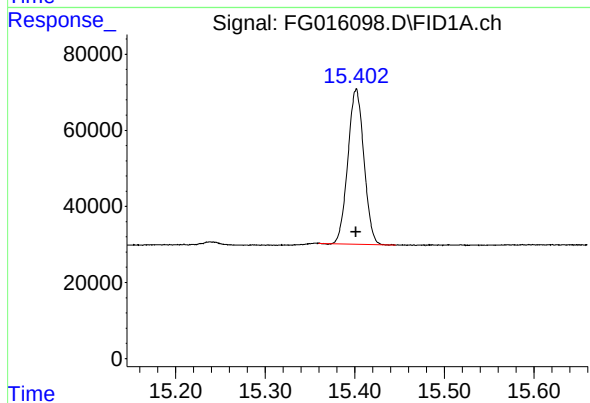
#12 1-chlorooctadecane (SURR)

R.T.: 13.540 min
Delta R.T.: 0.005 min
Response: 5089526
Conc: 50.51 ug/ml



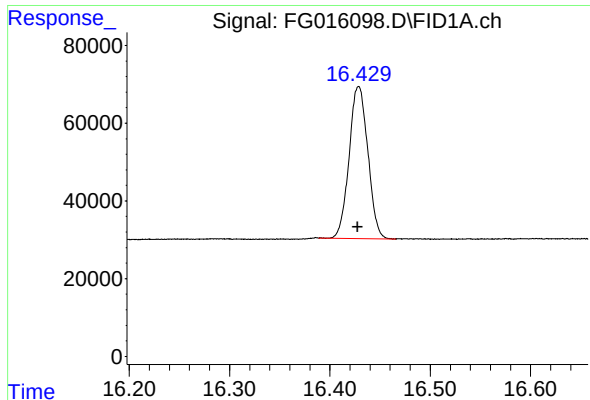
#13 n-Docosane (C22)

R.T.: 14.292 min
Delta R.T.: 0.000 min
Response: 507311
Conc: 4.46 ug/ml



#14 n-Tetracosane (C24)

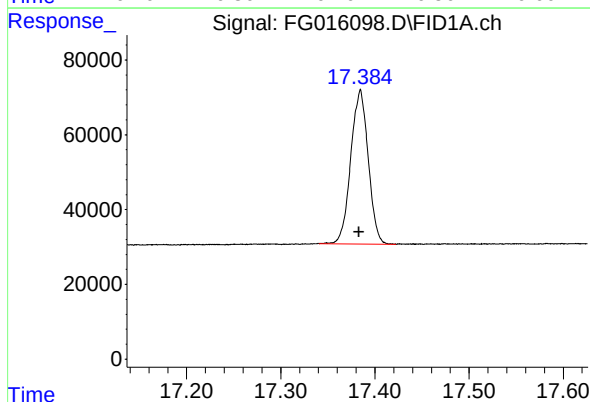
R.T.: 15.402 min
Delta R.T.: 0.000 min
Response: 506481
Conc: 4.39 ug/ml



#15 n-Hexacosane (C26)

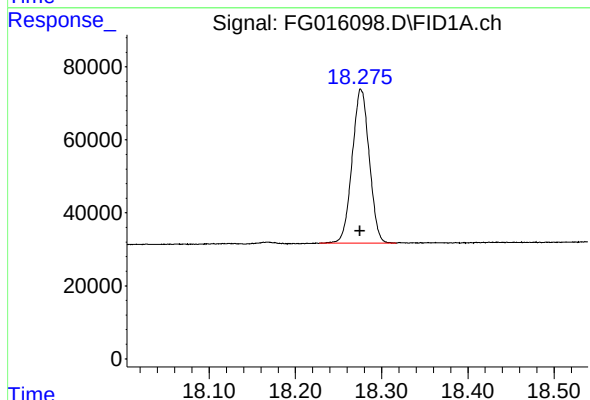
R.T.: 16.429 min
Delta R.T.: 0.000 min
Response: 507794
Conc: 4.41 ug/ml

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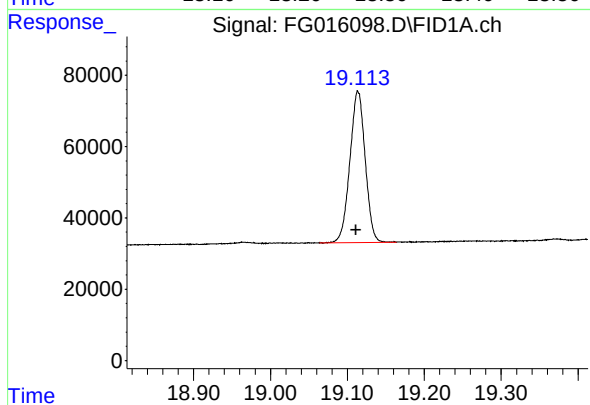
#16 n-Octacosane (C28)

R.T.: 17.385 min
Delta R.T.: 0.001 min
Response: 529120
Conc: 4.66 ug/ml



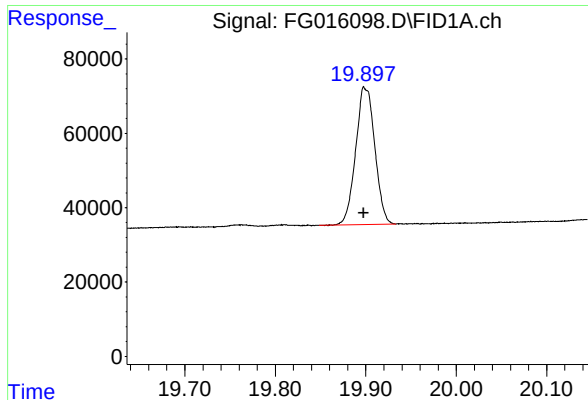
#17 n-Tricontane (C30)

R.T.: 18.276 min
Delta R.T.: 0.001 min
Response: 580000
Conc: 5.07 ug/ml



#18 n-Dotriacontane (C32)

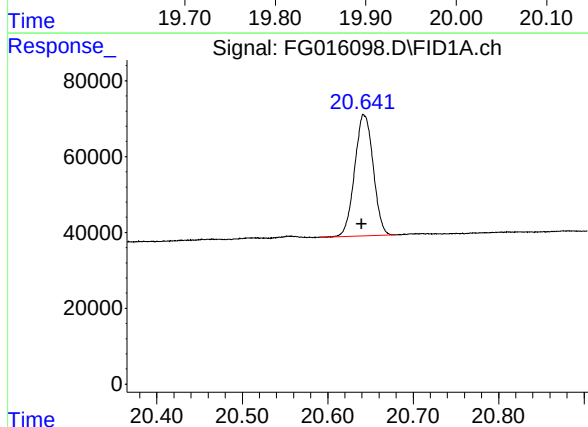
R.T.: 19.114 min
Delta R.T.: 0.003 min
Response: 586440
Conc: 5.38 ug/ml



#19 n-Tetratriacontane (C34)

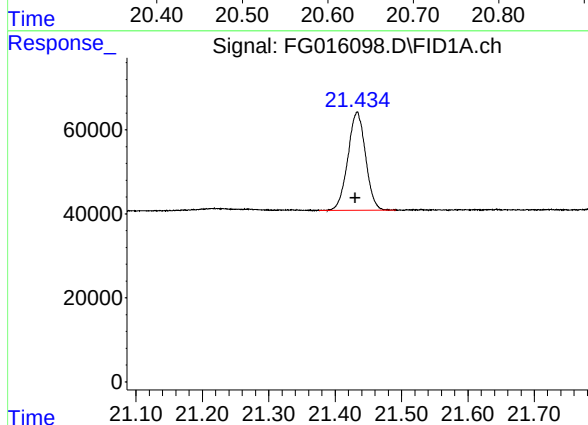
R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 542619
Conc: 5.48 ug/ml

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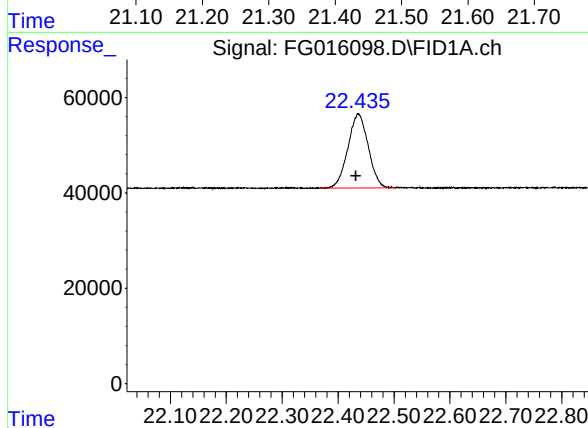
#20 n-Hexatriacontane (C36)

R.T.: 20.642 min
Delta R.T.: 0.003 min
Response: 480333
Conc: 5.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.433 min
Delta R.T.: 0.003 min
Response: 431987
Conc: 5.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.436 min
Delta R.T.: 0.004 min
Response: 391288
Conc: 5.66 ug/ml