

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016150.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 13:09
 Operator : YP\AJ
 Sample : PB168639BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168639BS

Integration File: autoint1.e
 Quant Time: Jun 28 04:30:51 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...	13.536	4791873	47.555 ug/ml
Spiked Amount 50.000		Recovery =	95.11%
Target Compounds			
1) T n-Nonane (C9)	3.416	2680905	24.778 ug/ml
2) T n-Decane (C10)	4.677	3560144	32.456 ug/ml
4) T n-Dodecane (C12)	6.856	4301835	39.068 ug/ml
6) T n-Tetradecane (C14)	8.697	4747673	43.232 ug/ml
7) T n-Hexadecane (C16)	10.315	5024691	44.142 ug/ml
8) T n-Octadecane (C18)	11.768	5274176	45.305 ug/ml
10) T n-Eicosane (C20)	13.088	5866741	51.548 ug/ml
11) T n-Heneicosane (C21)	13.704	5740326	50.704 ug/ml
13) T n-Docosane (C22)	14.294	5794735	50.973 ug/ml
14) T n-Tetracosane (C24)	15.404	5840903	50.653 ug/ml
15) T n-Hexacosane (C26)	16.432	5816106	50.541 ug/ml
16) T n-Octacosane (C28)	17.389	5768352	50.827 ug/ml
17) T n-Tricontane (C30)	18.280	5831096	50.931 ug/ml
18) T n-Dotriacontane (C32)	19.117	5649064	51.812 ug/ml
19) T n-Tetratriacontane (C34)	19.904	5370229	54.281 ug/ml
20) T n-Hexatriacontane (C36)	20.646	4948476	58.300 ug/ml
21) T n-Octatriacontane (C38)	21.435	4659057	61.716 ug/ml
22) T n-Tetracontane (C40)	22.438	4410697	63.786 ug/ml

(f)=RT Delta > 1/2 Window

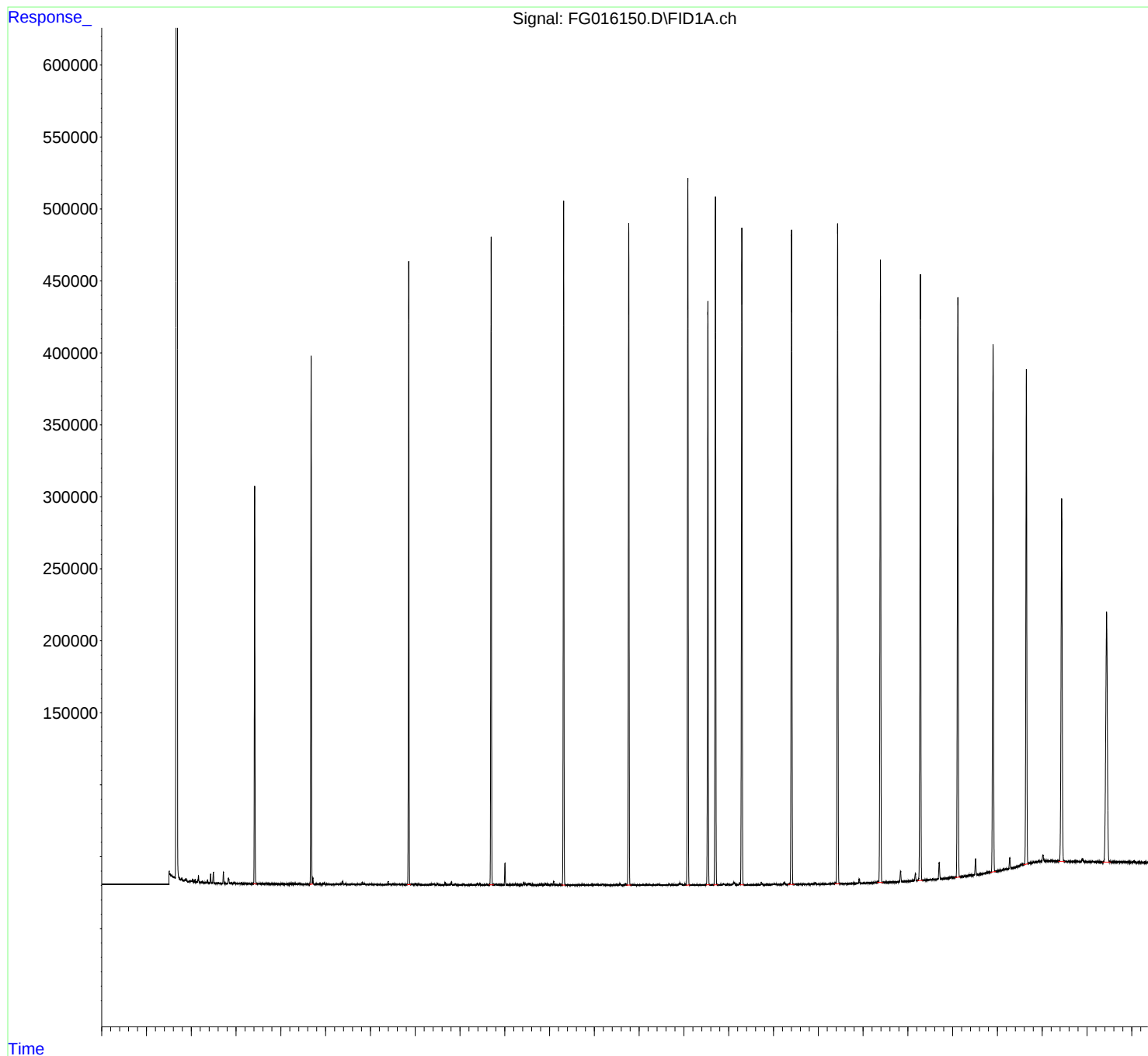
(m)=manual int.

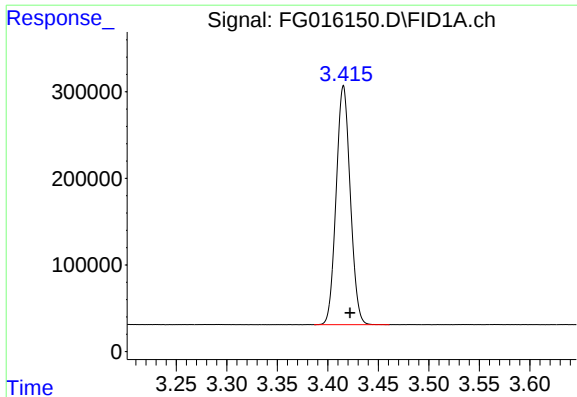
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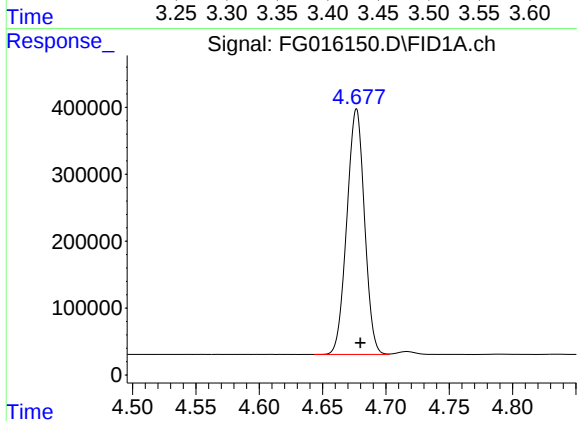




#1 n-Nonane (C9)

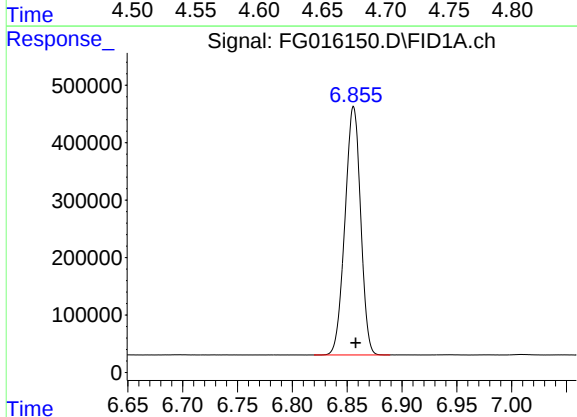
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 2680905
Conc: 24.78 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168639BS



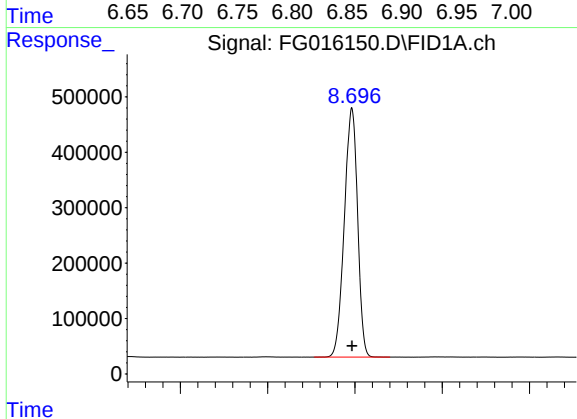
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 3560144
Conc: 32.46 ug/ml



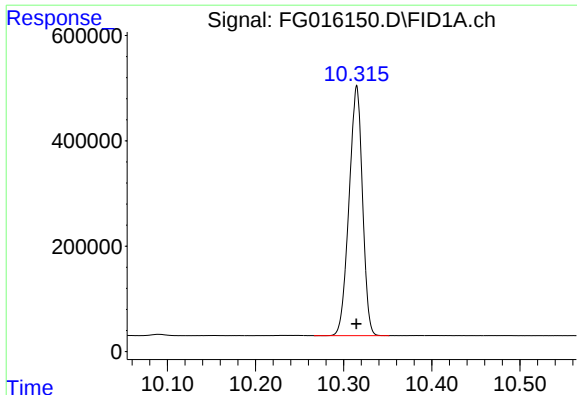
#4 n-Dodecane (C12)

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 4301835
Conc: 39.07 ug/ml



#6 n-Tetradecane (C14)

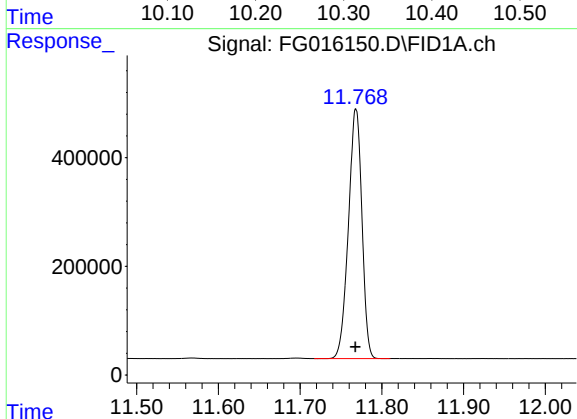
R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 4747673
Conc: 43.23 ug/ml



#7 n-Hexadecane (C16)

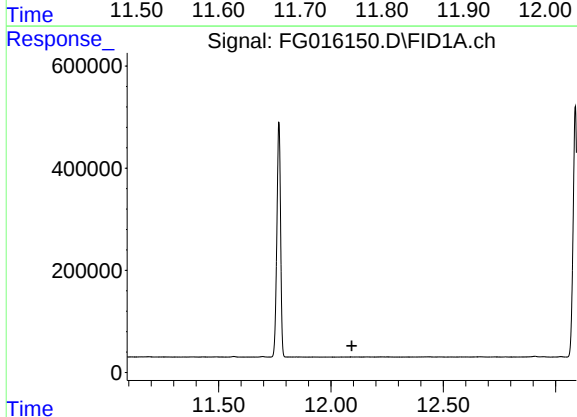
R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 5024691
Conc: 44.14 ug/ml

Instrument :
FID_G
ClientSampleId :
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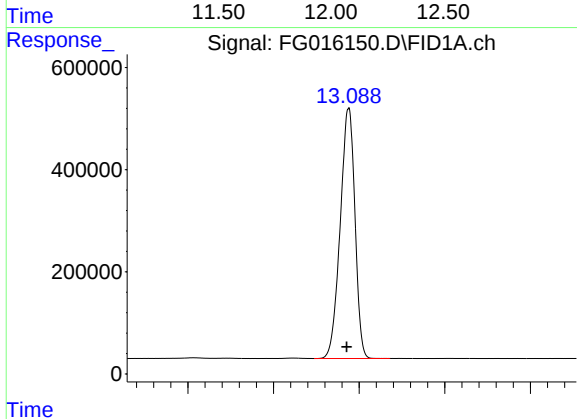
#8 n-Octadecane (C18)

R.T.: 11.768 min
Delta R.T.: 0.000 min
Response: 5274176
Conc: 45.30 ug/ml



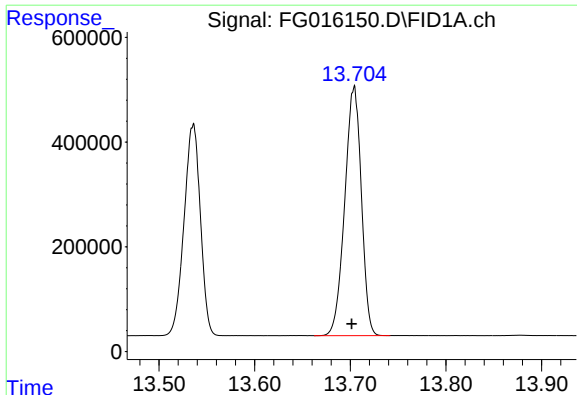
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

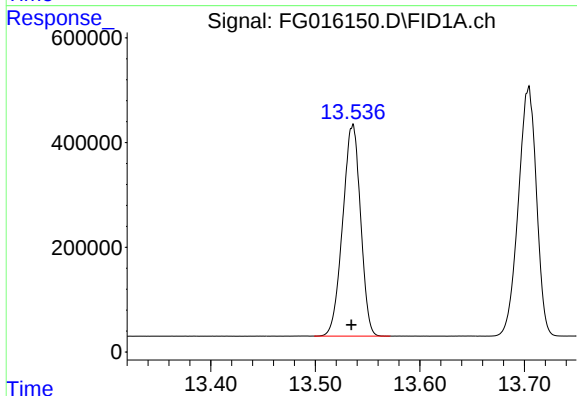
R.T.: 13.088 min
Delta R.T.: 0.002 min
Response: 5866741
Conc: 51.55 ug/ml



#11 n-Heneicosane (C21)

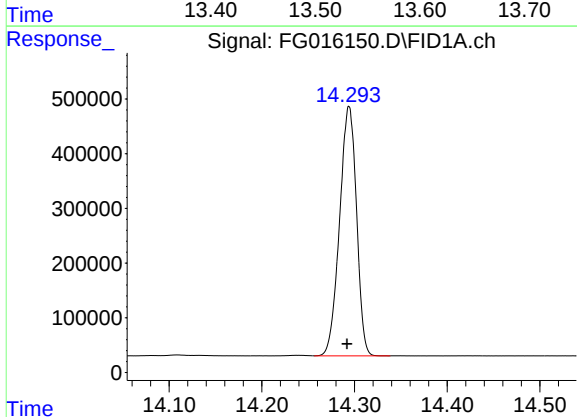
R.T.: 13.704 min
Delta R.T.: 0.002 min
Response: 5740326
Conc: 50.70 ug/ml

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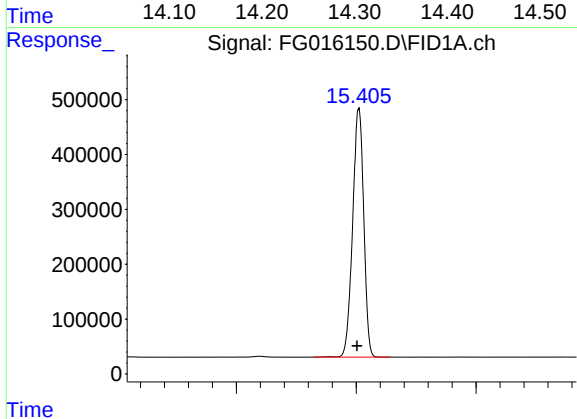
#12 1-chlorooctadecane (SURR)

R.T.: 13.536 min
Delta R.T.: 0.001 min
Response: 4791873
Conc: 47.56 ug/ml



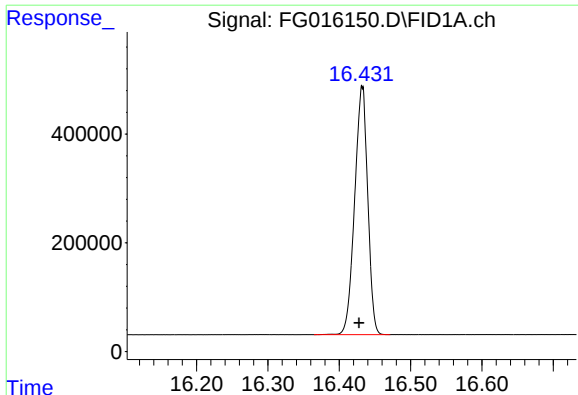
#13 n-Docosane (C22)

R.T.: 14.294 min
Delta R.T.: 0.002 min
Response: 5794735
Conc: 50.97 ug/ml



#14 n-Tetracosane (C24)

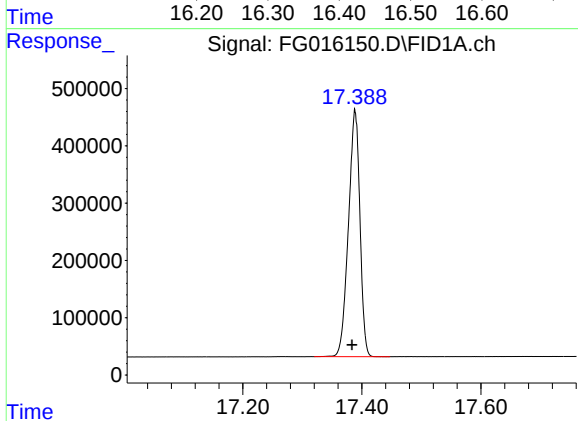
R.T.: 15.404 min
Delta R.T.: 0.003 min
Response: 5840903
Conc: 50.65 ug/ml



#15 n-Hexacosane (C26)

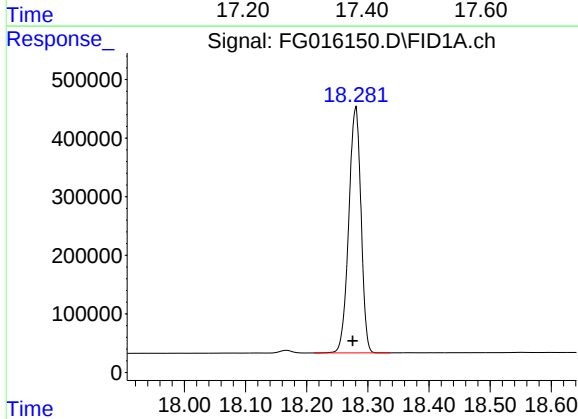
R.T.: 16.432 min
Delta R.T.: 0.004 min
Response: 5816106
Conc: 50.54 ug/ml

Instrument :
FID_G
ClientSampleId :
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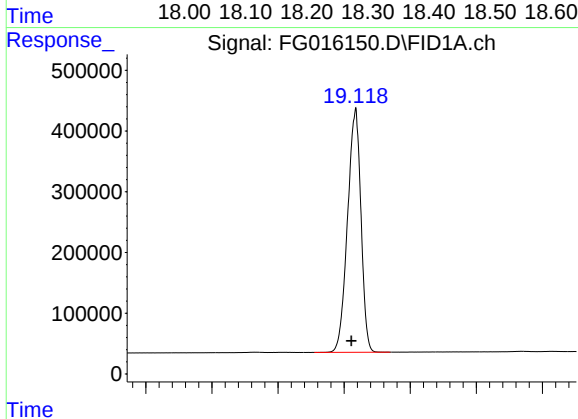
#16 n-Octacosane (C28)

R.T.: 17.389 min
Delta R.T.: 0.005 min
Response: 5768352
Conc: 50.83 ug/ml



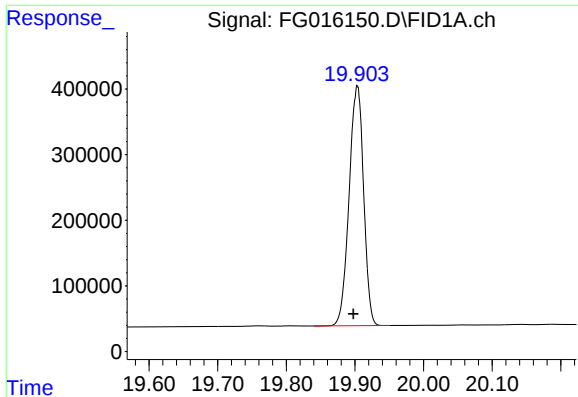
#17 n-Tricontane (C30)

R.T.: 18.280 min
Delta R.T.: 0.005 min
Response: 5831096
Conc: 50.93 ug/ml



#18 n-Dotriacontane (C32)

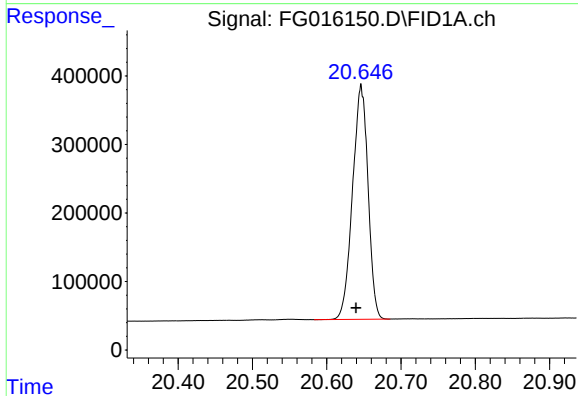
R.T.: 19.117 min
Delta R.T.: 0.006 min
Response: 5649064
Conc: 51.81 ug/ml



#19 n-Tetratriacontane (C34)

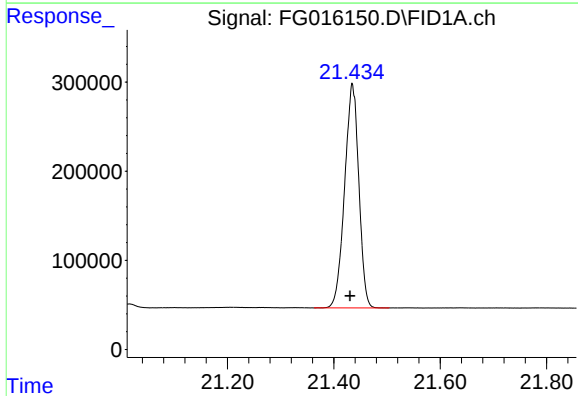
R.T.: 19.904 min
Delta R.T.: 0.006 min
Response: 5370229
Conc: 54.28 ug/ml

Instrument :
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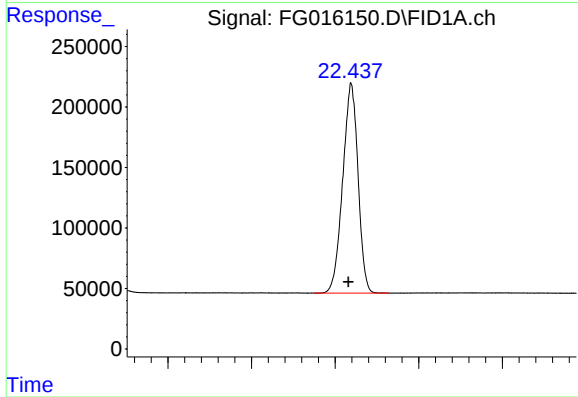
#20 n-Hexatriacontane (C36)

R.T.: 20.646 min
Delta R.T.: 0.007 min
Response: 4948476
Conc: 58.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.435 min
Delta R.T.: 0.004 min
Response: 4659057
Conc: 61.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.438 min
Delta R.T.: 0.006 min
Response: 4410697
Conc: 63.79 ug/ml