

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016151.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 13:39
 Operator : YP\AJ
 Sample : PB168639BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 04:31:01 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	4896274	48.591 ug/ml
Spiked Amount 50.000		Recovery =	97.18%
Target Compounds			
1) T n-Nonane (C9)	3.416	2731905	25.249 ug/ml
2) T n-Decane (C10)	4.677	3629483	33.088 ug/ml
4) T n-Dodecane (C12)	6.856	4390313	39.872 ug/ml
6) T n-Tetradecane (C14)	8.696	4848289	44.148 ug/ml
7) T n-Hexadecane (C16)	10.315	5131953	45.084 ug/ml
8) T n-Octadecane (C18)	11.769	5388673	46.288 ug/ml
10) T n-Eicosane (C20)	13.088	5994213	52.668 ug/ml
11) T n-Heneicosane (C21)	13.704	5861808	51.777 ug/ml
13) T n-Docosane (C22)	14.295	5917505	52.053 ug/ml
14) T n-Tetracosane (C24)	15.405	5964347	51.724 ug/ml
15) T n-Hexacosane (C26)	16.433	5933230	51.558 ug/ml
16) T n-Octacosane (C28)	17.388	5880202	51.812 ug/ml
17) T n-Tricontane (C30)	18.281	5937159	51.857 ug/ml
18) T n-Dotriacontane (C32)	19.117	5737732	52.625 ug/ml
19) T n-Tetratriacontane (C34)	19.904	5439568	54.982 ug/ml
20) T n-Hexatriacontane (C36)	20.649	5002681	58.939 ug/ml
21) T n-Octatriacontane (C38)	21.436	4711794	62.414 ug/ml
22) T n-Tetracontane (C40)	22.439	4469856	64.641 ug/ml

(f)=RT Delta > 1/2 Window

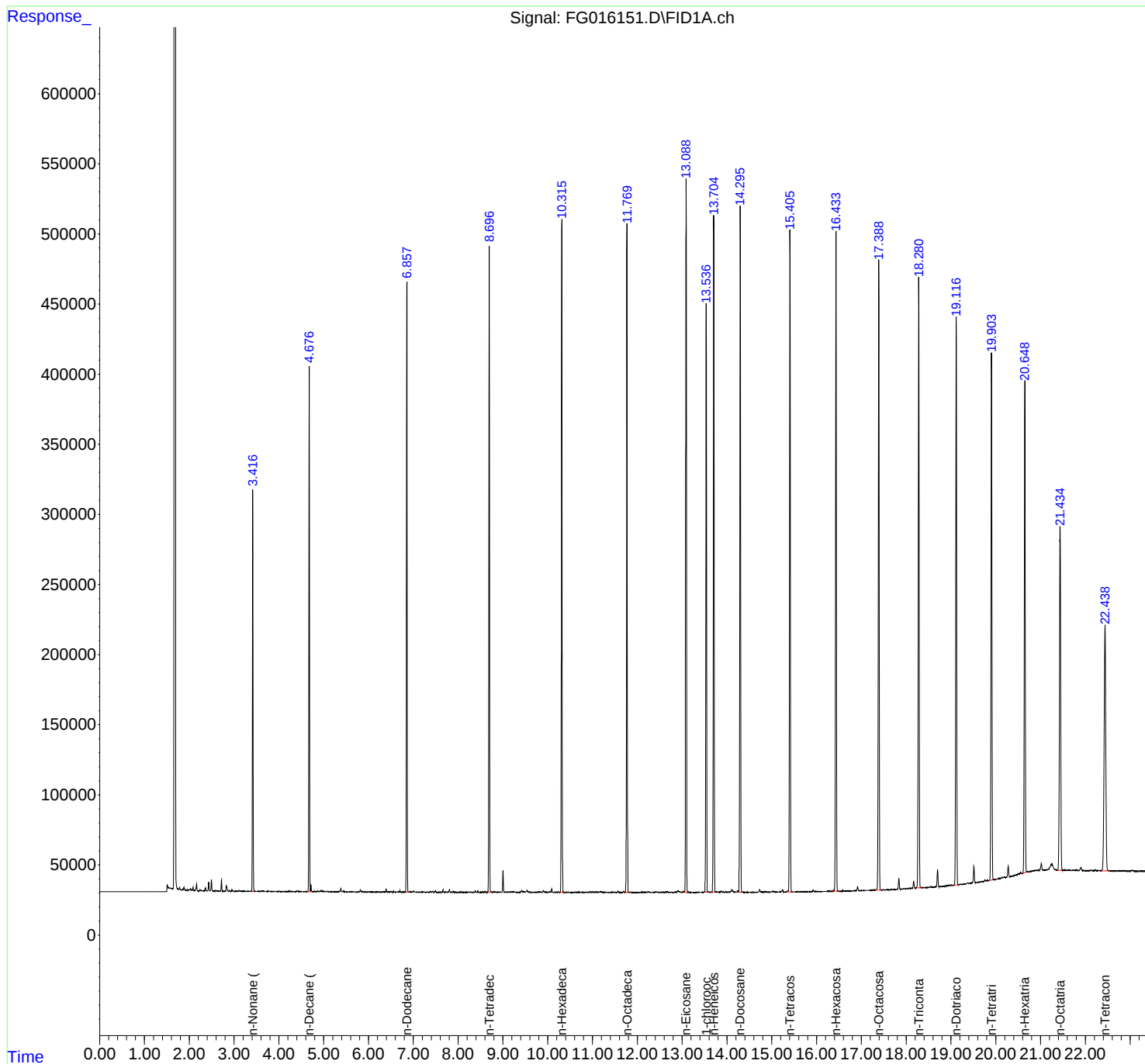
(m)=manual int.

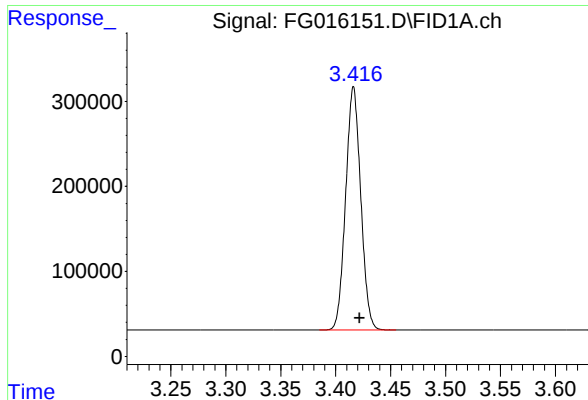
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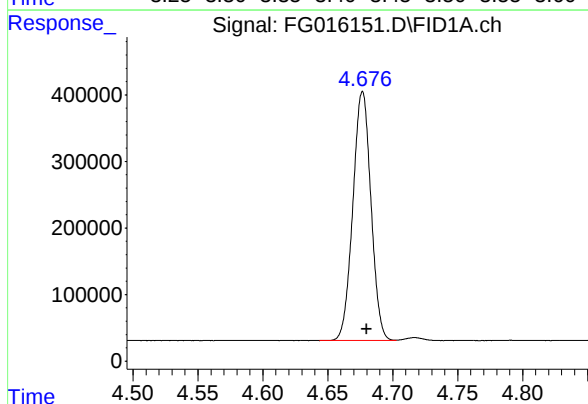




#1 n-Nonane (C9)

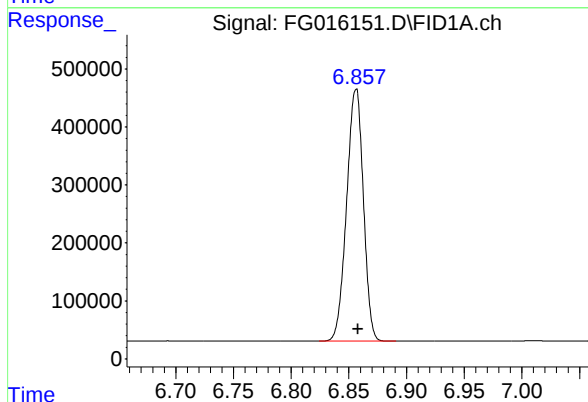
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 2731905
Conc: 25.25 ug/ml

Instrument :
FID_G
ClientSampleId :



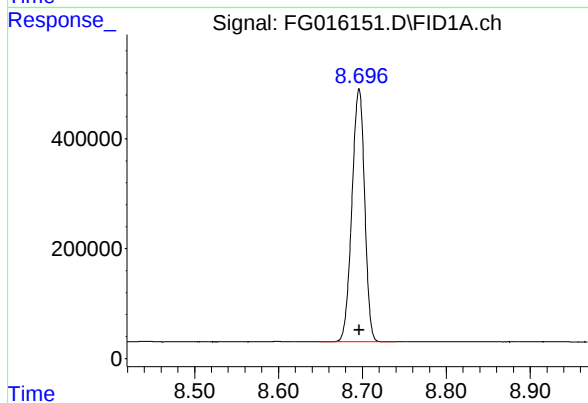
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 3629483
Conc: 33.09 ug/ml



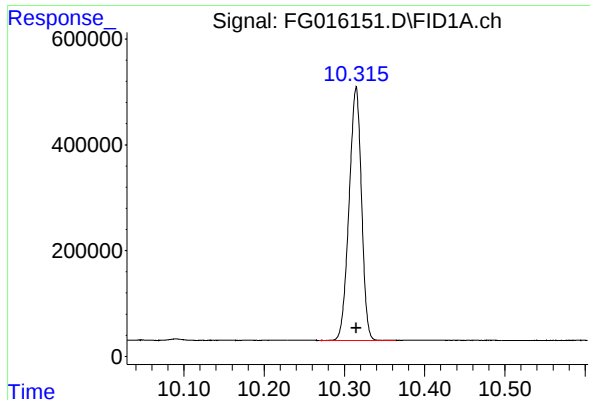
#4 n-Dodecane (C12)

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 4390313
Conc: 39.87 ug/ml



#6 n-Tetradecane (C14)

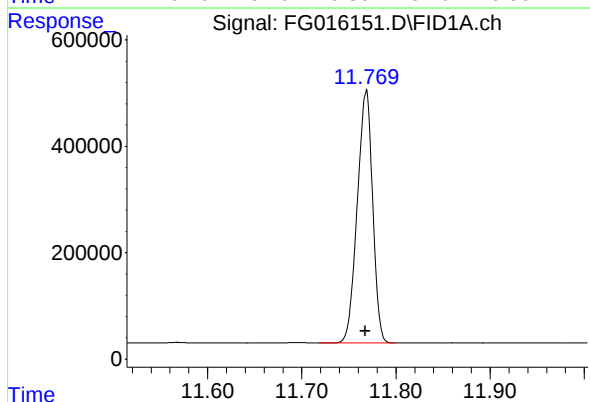
R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 4848289
Conc: 44.15 ug/ml



#7 n-Hexadecane (C16)

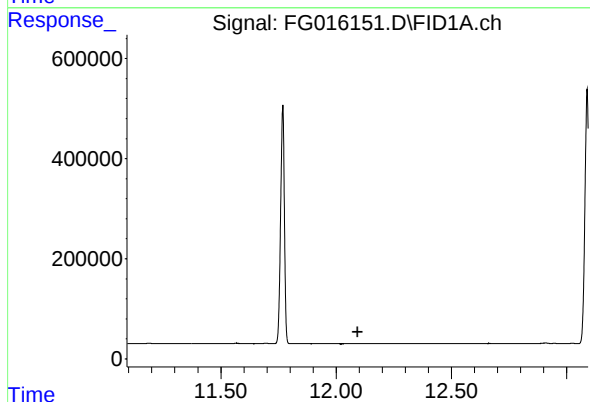
R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 5131953
Conc: 45.08 ug/ml

Instrument :
FID_G
ClientSampleId :



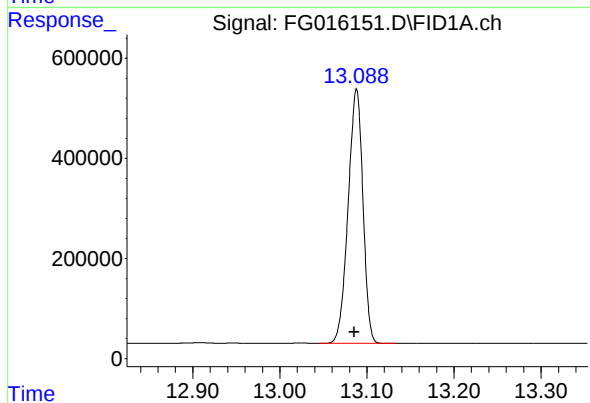
#8 n-Octadecane (C18)

R.T.: 11.769 min
Delta R.T.: 0.001 min
Response: 5388673
Conc: 46.29 ug/ml



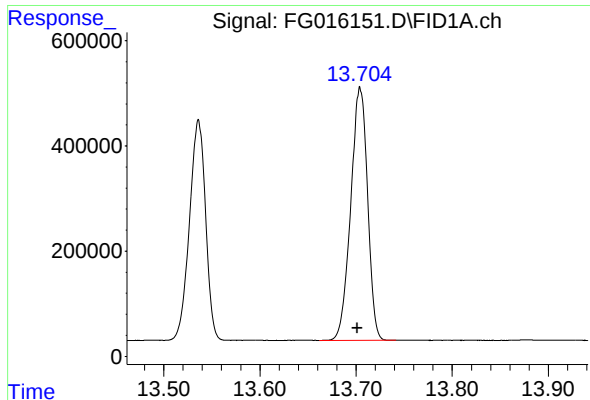
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

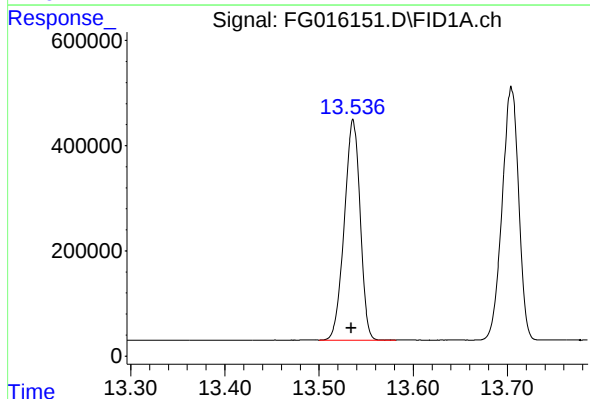
R.T.: 13.088 min
Delta R.T.: 0.002 min
Response: 5994213
Conc: 52.67 ug/ml



#11 n-Heneicosane (C21)

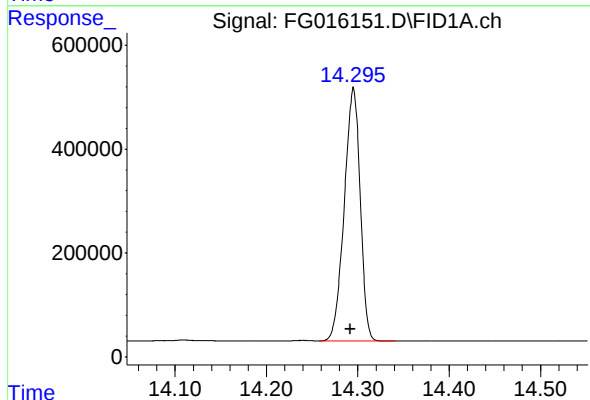
R.T.: 13.704 min
Delta R.T.: 0.003 min
Response: 5861808
Conc: 51.78 ug/ml

Instrument :
FID_G
ClientSampleId :



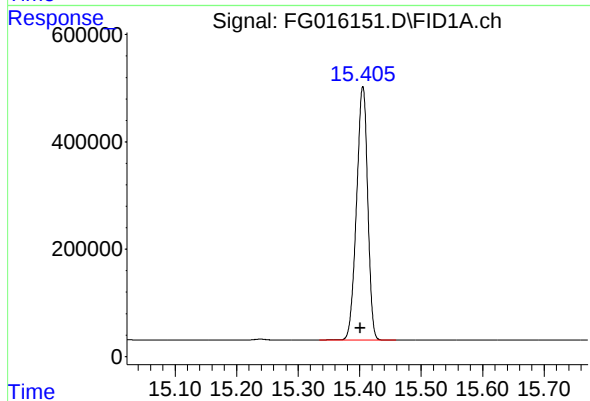
#12 1-chlorooctadecane (SURR)

R.T.: 13.536 min
Delta R.T.: 0.002 min
Response: 4896274
Conc: 48.59 ug/ml



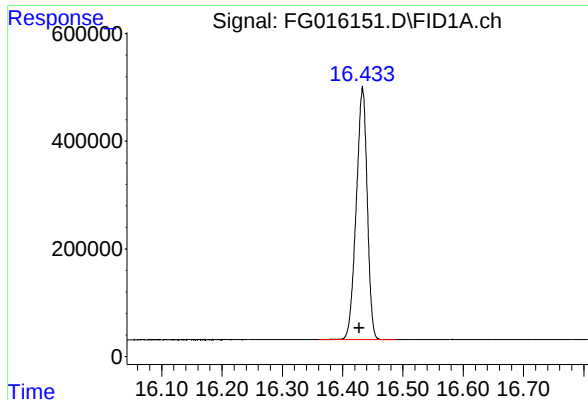
#13 n-Docosane (C22)

R.T.: 14.295 min
Delta R.T.: 0.003 min
Response: 5917505
Conc: 52.05 ug/ml



#14 n-Tetracosane (C24)

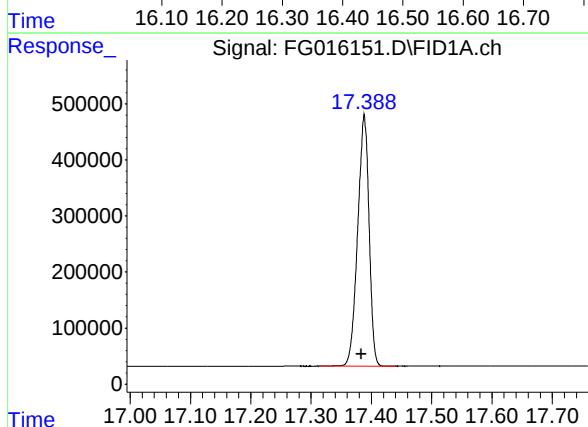
R.T.: 15.405 min
Delta R.T.: 0.004 min
Response: 5964347
Conc: 51.72 ug/ml



#15 n-Hexacosane (C26)

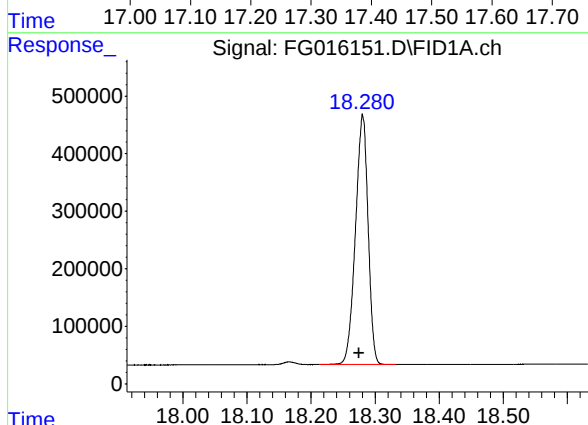
R.T.: 16.433 min
Delta R.T.: 0.005 min
Response: 5933230
Conc: 51.56 ug/ml

Instrument :
FID_G
ClientSampleId :



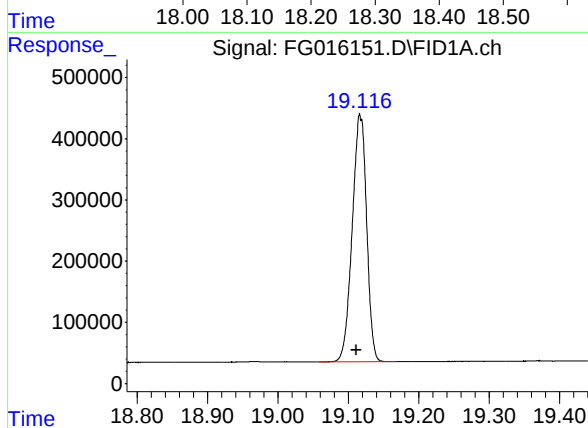
#16 n-Octacosane (C28)

R.T.: 17.388 min
Delta R.T.: 0.005 min
Response: 5880202
Conc: 51.81 ug/ml



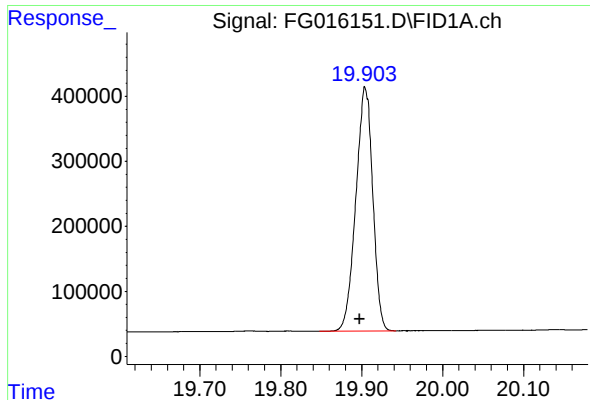
#17 n-Tricontane (C30)

R.T.: 18.281 min
Delta R.T.: 0.006 min
Response: 5937159
Conc: 51.86 ug/ml



#18 n-Dotriacontane (C32)

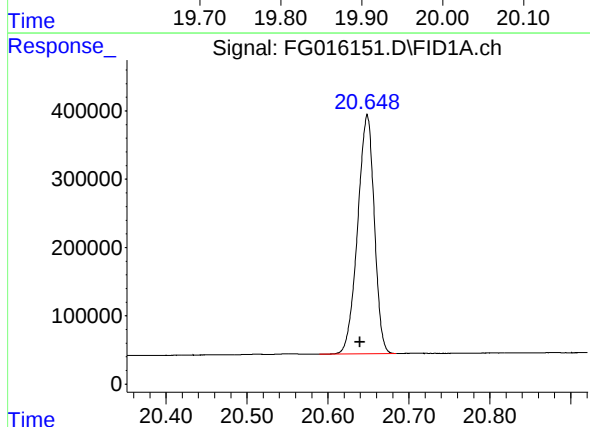
R.T.: 19.117 min
Delta R.T.: 0.005 min
Response: 5737732
Conc: 52.63 ug/ml



#19 n-Tetratriacontane (C34)

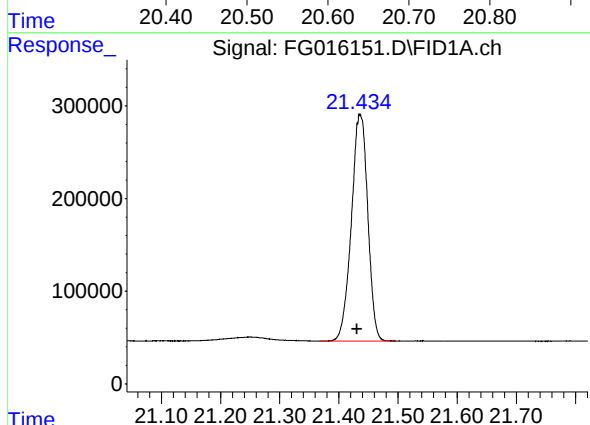
R.T.: 19.904 min
Delta R.T.: 0.007 min
Response: 5439568
Conc: 54.98 ug/ml

Instrument :
FID_G
ClientSampleId :



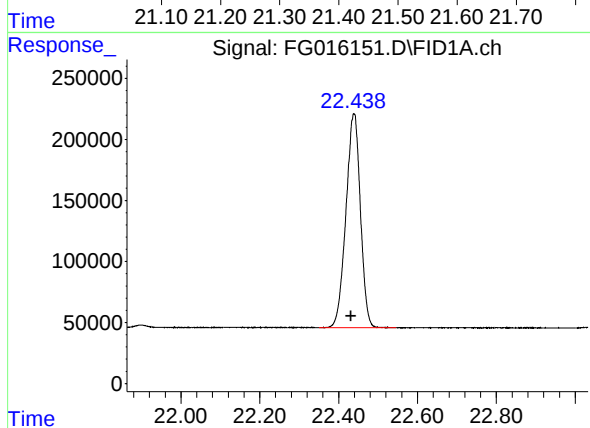
#20 n-Hexatriacontane (C36)

R.T.: 20.649 min
Delta R.T.: 0.009 min
Response: 5002681
Conc: 58.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.436 min
Delta R.T.: 0.006 min
Response: 4711794
Conc: 62.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.439 min
Delta R.T.: 0.007 min
Response: 4469856
Conc: 64.64 ug/ml