

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092925AL\
 Data File : FG016682.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2025 14:37
 Operator : YP\AJ
 Sample : Q3210-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SG-1MSD

Integration File: autoint1.e
 Quant Time: Sep 30 01:41:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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			
9) S ortho-Terphenyl (SURR)	12.059	6143163	43.069 ug/ml
Spiked Amount 50.000		Recovery =	86.14%
12) S 1-chlorooctadecane (S...	13.504	5092635	45.119 ug/ml
Spiked Amount 50.000		Recovery =	90.24%
Target Compounds			
1) T n-Nonane (C9)	3.379	3264869	28.770 ug/ml
2) T n-Decane (C10)	4.642	3915937	33.859 ug/ml
3) T A~Naphthalene (C11.7)	6.359	4571897	37.082 ug/ml
4) T n-Dodecane (C12)	6.822	4463847	38.030 ug/ml
5) T A~2-methylnaphthalene...	7.463	4609578	39.850 ug/ml
6) T n-Tetradecane (C14)	8.664	4813403	41.027 ug/ml
7) T n-Hexadecane (C16)	10.282	5048803	40.748 ug/ml
8) T n-Octadecane (C18)	11.736	5201846	39.959 ug/ml
10) T n-Eicosane (C20)	13.056	5337369	41.287 ug/ml
11) T n-Heneicosane (C21)	13.672	5258669	40.951 ug/ml
13) T n-Docosane (C22)	14.263	5230611	40.565 ug/ml
14) T n-Tetracosane (C24)	15.367	10382094	79.604 ug/ml
15) T n-Hexacosane (C26)	16.404	5078788	39.344 ug/ml
16) T n-Octacosane (C28)	17.358	5031572	39.649 ug/ml
17) T n-Tricontane (C30)	18.253	4834176	37.781 ug/ml
18) T n-Dotriacontane (C32)	19.088	4645809	37.934 ug/ml
19) T n-Tetratriacontane (C34)	19.877	4411480	40.608 ug/ml
20) T n-Hexatriacontane (C36)	20.621	4099048	45.108 ug/ml
21) T n-Octatriacontane (C38)	21.403	3928712	48.239 ug/ml
22) T n-Tetracontane (C40)	22.394	3811842	49.415 ug/ml

(f)=RT Delta > 1/2 Window

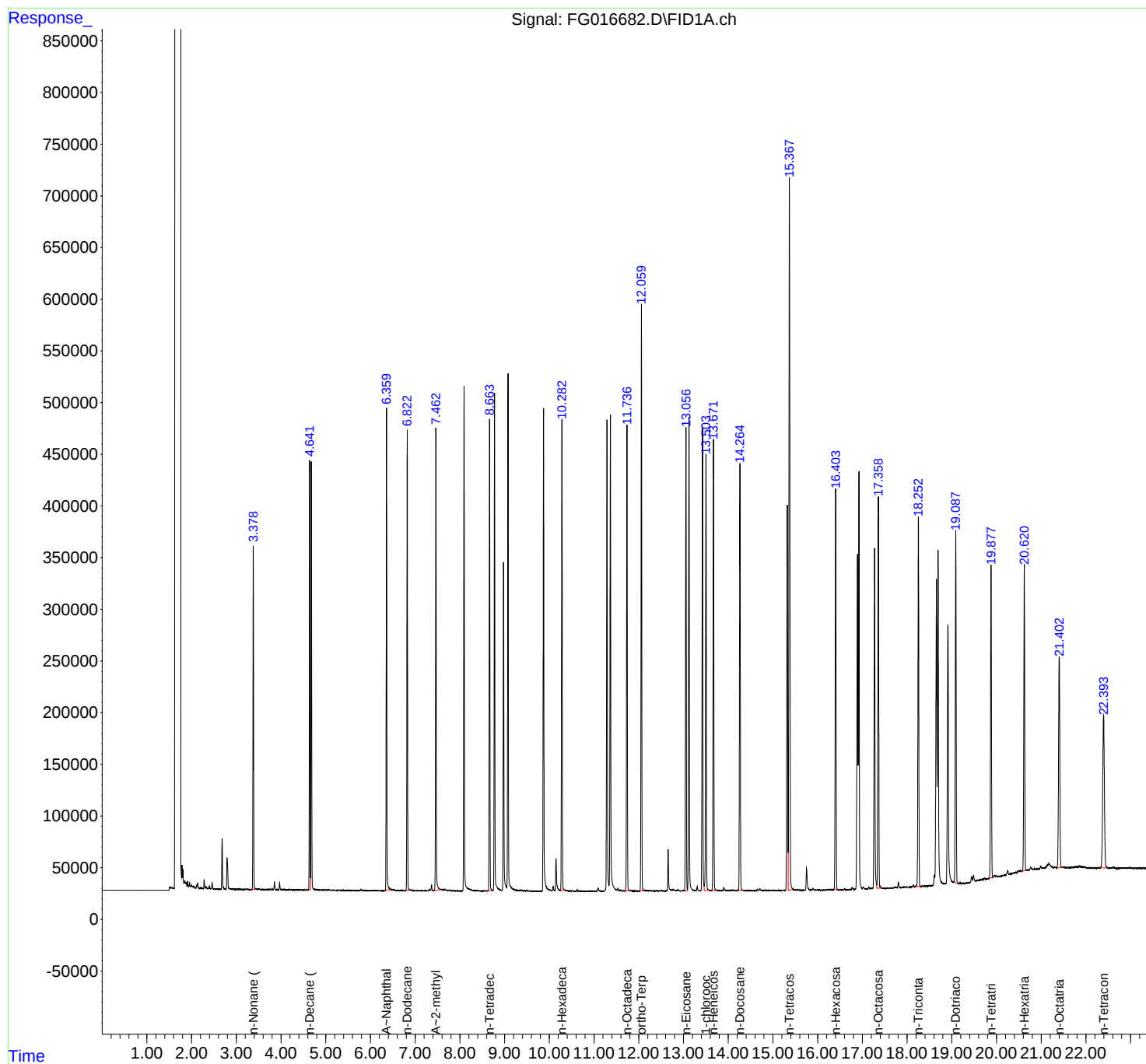
(m)=manual int.

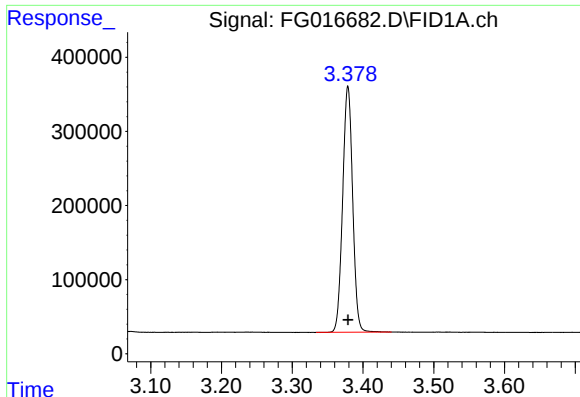
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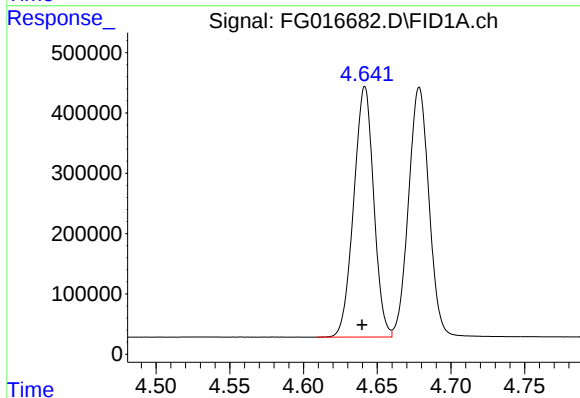




#1 n-Nonane (C9)

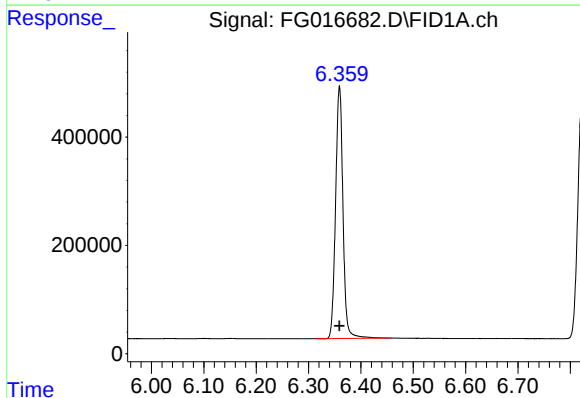
R.T.: 3.379 min
Delta R.T.: 0.000 min
Response: 3264869
Conc: 28.77 ug/ml

Instrument :
FID_G
ClientSampleId :
SG-1MSD



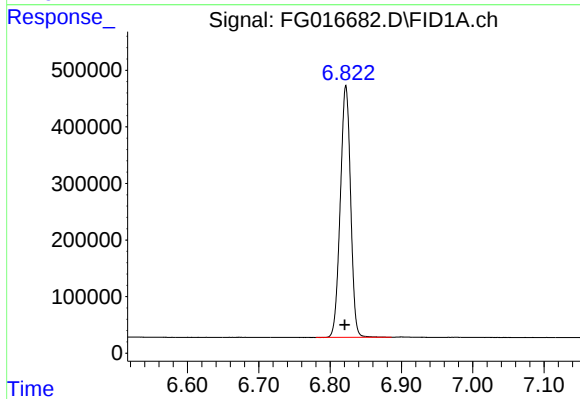
#2 n-Decane (C10)

R.T.: 4.642 min
Delta R.T.: 0.002 min
Response: 3915937
Conc: 33.86 ug/ml



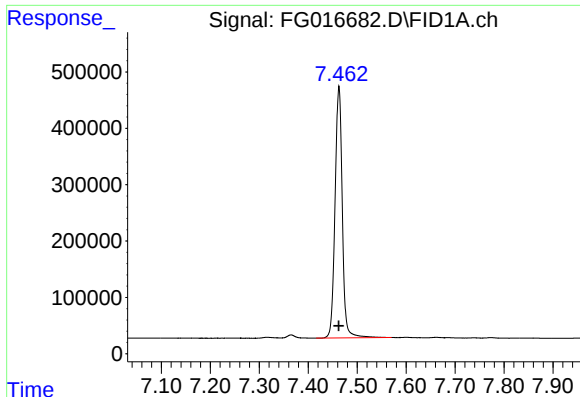
#3 A~Naphthalene (C11.7)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 4571897
Conc: 37.08 ug/ml



#4 n-Dodecane (C12)

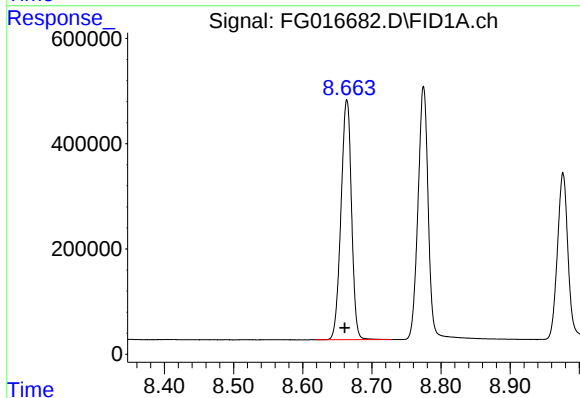
R.T.: 6.822 min
Delta R.T.: 0.002 min
Response: 4463847
Conc: 38.03 ug/ml



#5 A~2-methylnaphthalene (C12.89)

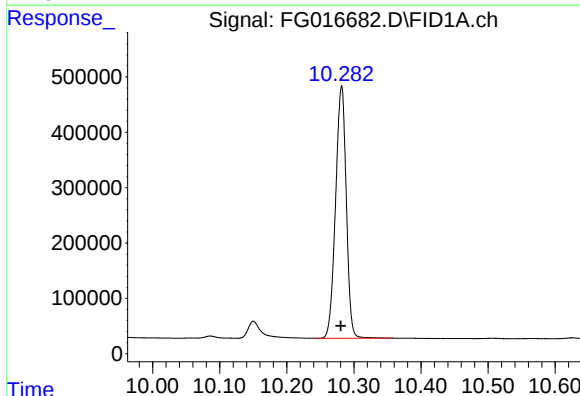
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 4609578
Conc: 39.85 ug/ml

Instrument :
FID_G
ClientSampleId :
SG-1MSD



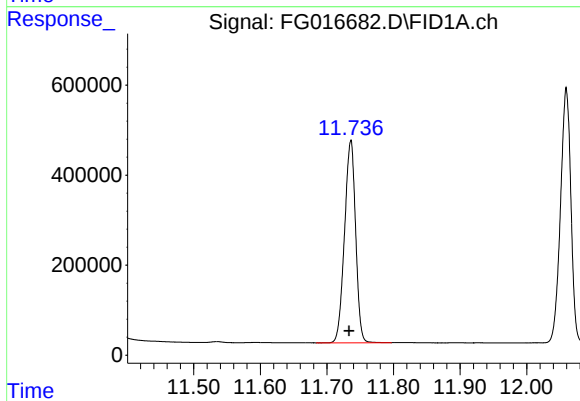
#6 n-Tetradecane (C14)

R.T.: 8.664 min
Delta R.T.: 0.003 min
Response: 4813403
Conc: 41.03 ug/ml



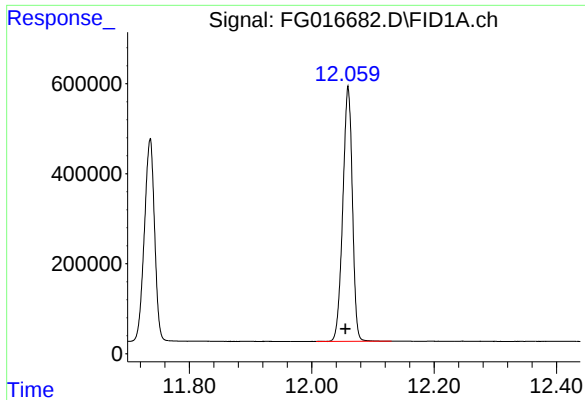
#7 n-Hexadecane (C16)

R.T.: 10.282 min
Delta R.T.: 0.001 min
Response: 5048803
Conc: 40.75 ug/ml



#8 n-Octadecane (C18)

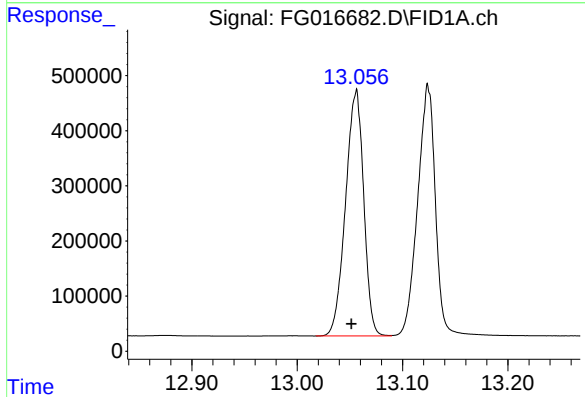
R.T.: 11.736 min
Delta R.T.: 0.003 min
Response: 5201846
Conc: 39.96 ug/ml



#9 ortho-Terphenyl (SURR)

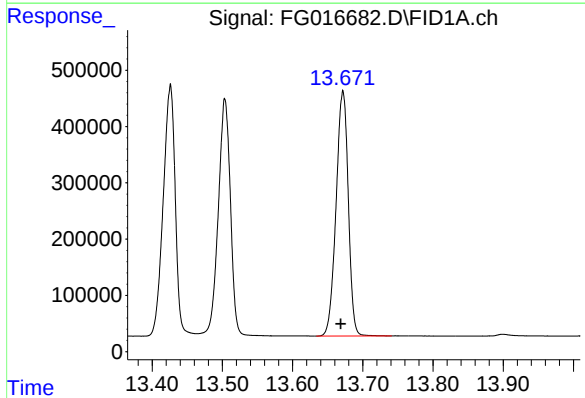
R.T.: 12.059 min
Delta R.T.: 0.005 min
Response: 6143163
Conc: 43.07 ug/ml

Instrument :
FID_G
ClientSampleId :
SG-1MSD



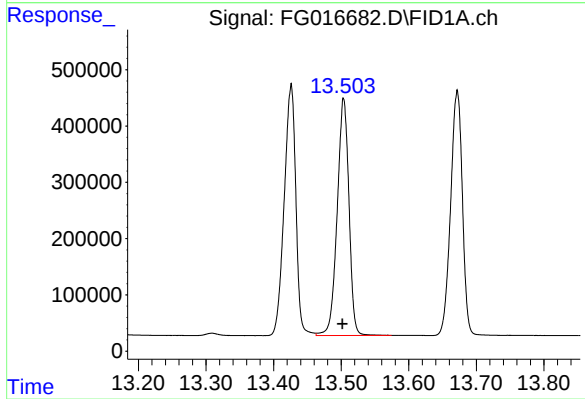
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: 0.005 min
Response: 5337369
Conc: 41.29 ug/ml



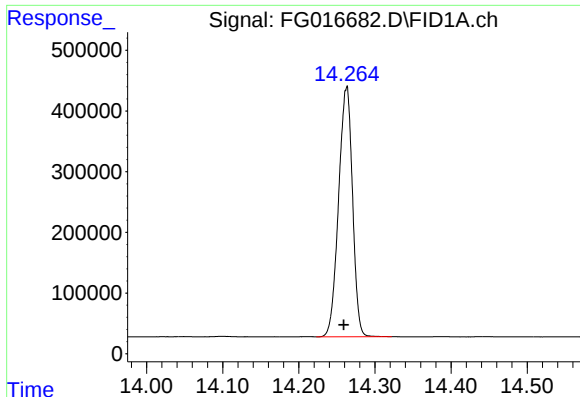
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: 0.003 min
Response: 5258669
Conc: 40.95 ug/ml



#12 1-chlorooctadecane (SURR)

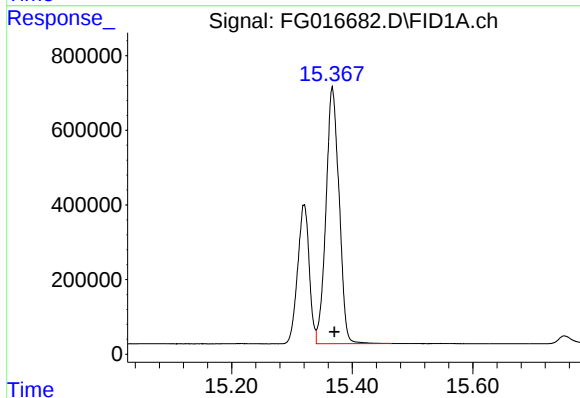
R.T.: 13.504 min
Delta R.T.: 0.002 min
Response: 5092635
Conc: 45.12 ug/ml



#13 n-Docosane (C22)

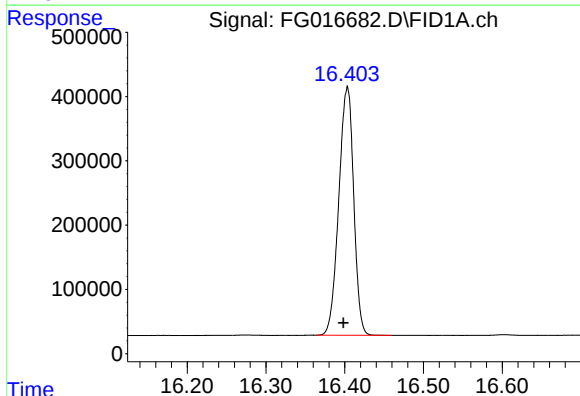
R.T.: 14.263 min
Delta R.T.: 0.004 min
Response: 5230611
Conc: 40.56 ug/ml

Instrument :
FID_G
ClientSampleId :
SG-1MSD



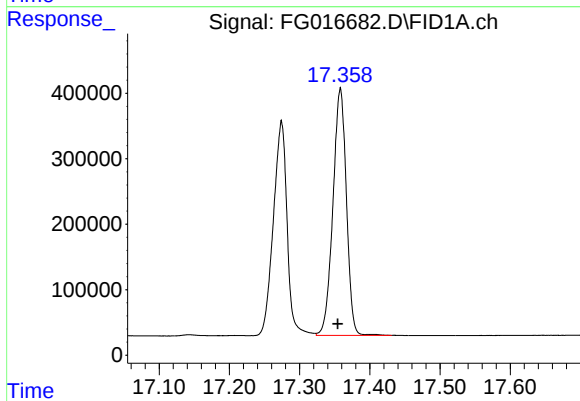
#14 n-Tetracosane (C24)

R.T.: 15.367 min
Delta R.T.: -0.003 min
Response: 10382094
Conc: 79.60 ug/ml



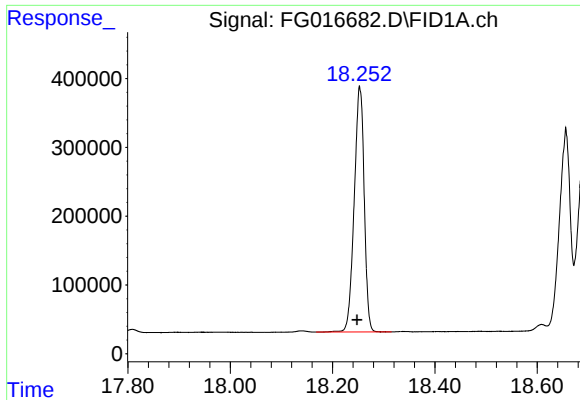
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: 0.005 min
Response: 5078788
Conc: 39.34 ug/ml



#16 n-Octacosane (C28)

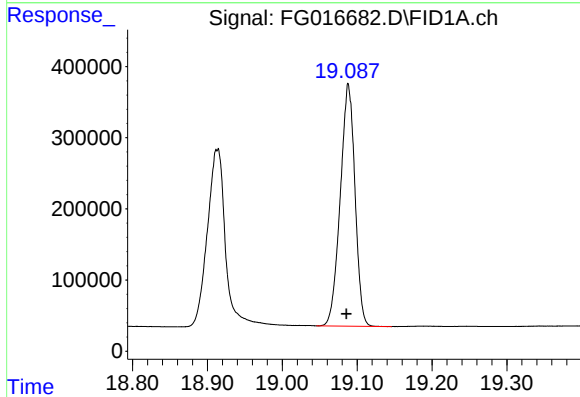
R.T.: 17.358 min
Delta R.T.: 0.003 min
Response: 5031572
Conc: 39.65 ug/ml



#17 n-Tricontane (C30)

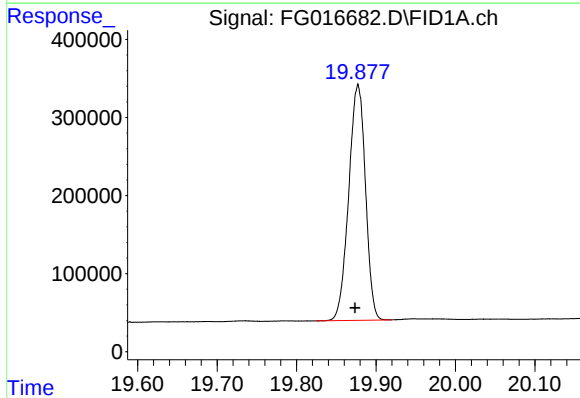
R.T.: 18.253 min
Delta R.T.: 0.005 min
Response: 4834176
Conc: 37.78 ug/ml

Instrument :
FID_G
ClientSampleId :
SG-1MSD



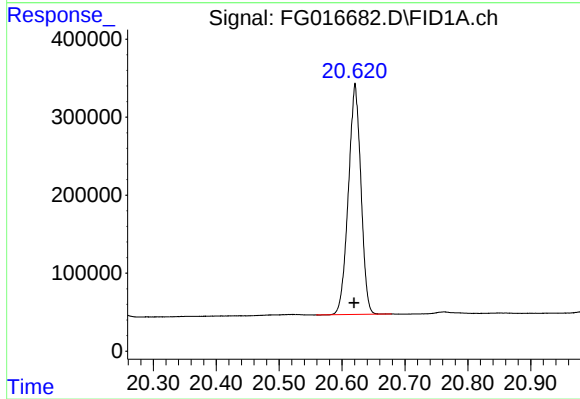
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.002 min
Response: 4645809
Conc: 37.93 ug/ml



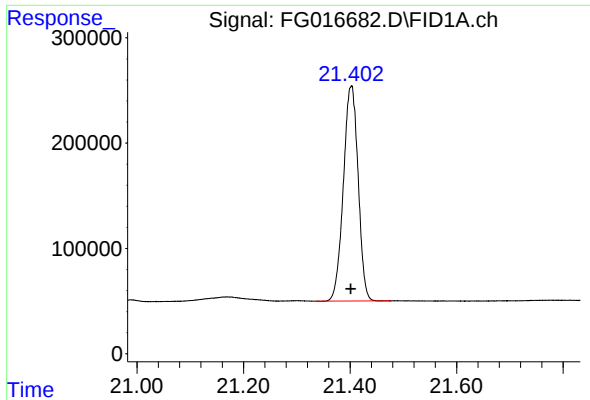
#19 n-Tetratriacontane (C34)

R.T.: 19.877 min
Delta R.T.: 0.004 min
Response: 4411480
Conc: 40.61 ug/ml



#20 n-Hexatriacontane (C36)

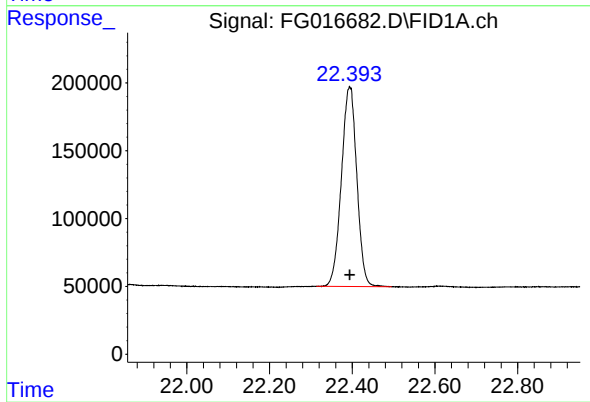
R.T.: 20.621 min
Delta R.T.: 0.002 min
Response: 4099048
Conc: 45.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.403 min
Delta R.T.: 0.002 min
Response: 3928712
Conc: 48.24 ug/ml

Instrument :
FID_G
ClientSampleId :
SG-1MSD



#22 n-Tetracontane (C40)

R.T.: 22.394 min
Delta R.T.: 0.000 min
Response: 3811842
Conc: 49.41 ug/ml