

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041825AL\
 Data File : FG015704.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 15:08
 Operator : YP\AJ
 Sample : PB167646BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167646BSD

Integration File: autoint1.e
 Quant Time: Apr 19 01:54:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.904	7538464	51.999 ug/ml
Spiked Amount 50.000		Recovery =	104.00%
12) S 1-chlorooctadecane (S...	13.347	5912502	55.910 ug/ml
Spiked Amount 50.000		Recovery =	111.82%
Target Compounds			
1) T n-Nonane (C9)	3.265	4670768	41.796 ug/ml
2) T n-Decane (C10)	4.516	4900468	43.702 ug/ml
3) T A~Naphthalene (C11.7)	6.221	5755638	49.609 ug/ml
4) T n-Dodecane (C12)	6.689	5297108	46.329 ug/ml
5) T A~2-methylnaphthalene...	7.322	5413794	48.630 ug/ml
6) T n-Tetradecane (C14)	8.526	5894736	51.728 ug/ml
7) T n-Hexadecane (C16)	10.139	6370668	54.483 ug/ml
8) T n-Octadecane (C18)	11.588	6571842	54.940 ug/ml
10) T n-Eicosane (C20)	12.902	6836435	57.451 ug/ml
11) T n-Heneicosane (C21)	13.516	6550792	55.383 ug/ml
13) T n-Docosane (C22)	14.104	6519328	55.904 ug/ml
14) T n-Tetracosane (C24)	15.199	12813561	111.183 ug/ml
15) T n-Hexacosane (C26)	16.237	6317571	56.573 ug/ml
16) T n-Octacosane (C28)	17.188	6408877	58.888 ug/ml
17) T n-Tricontane (C30)	18.079	6109046	56.086 ug/ml
18) T n-Dotriacontane (C32)	18.911	6013089	55.893 ug/ml
19) T n-Tetratriacontane (C34)	19.696	5697585	55.918 ug/ml
20) T n-Hexatriacontane (C36)	20.435	5247544	53.645 ug/ml
21) T n-Octatriacontane (C38)	21.177	4648860	50.932 ug/ml
22) T n-Tetracontane (C40)	22.098	3781534	44.777 ug/ml

(f)=RT Delta > 1/2 Window

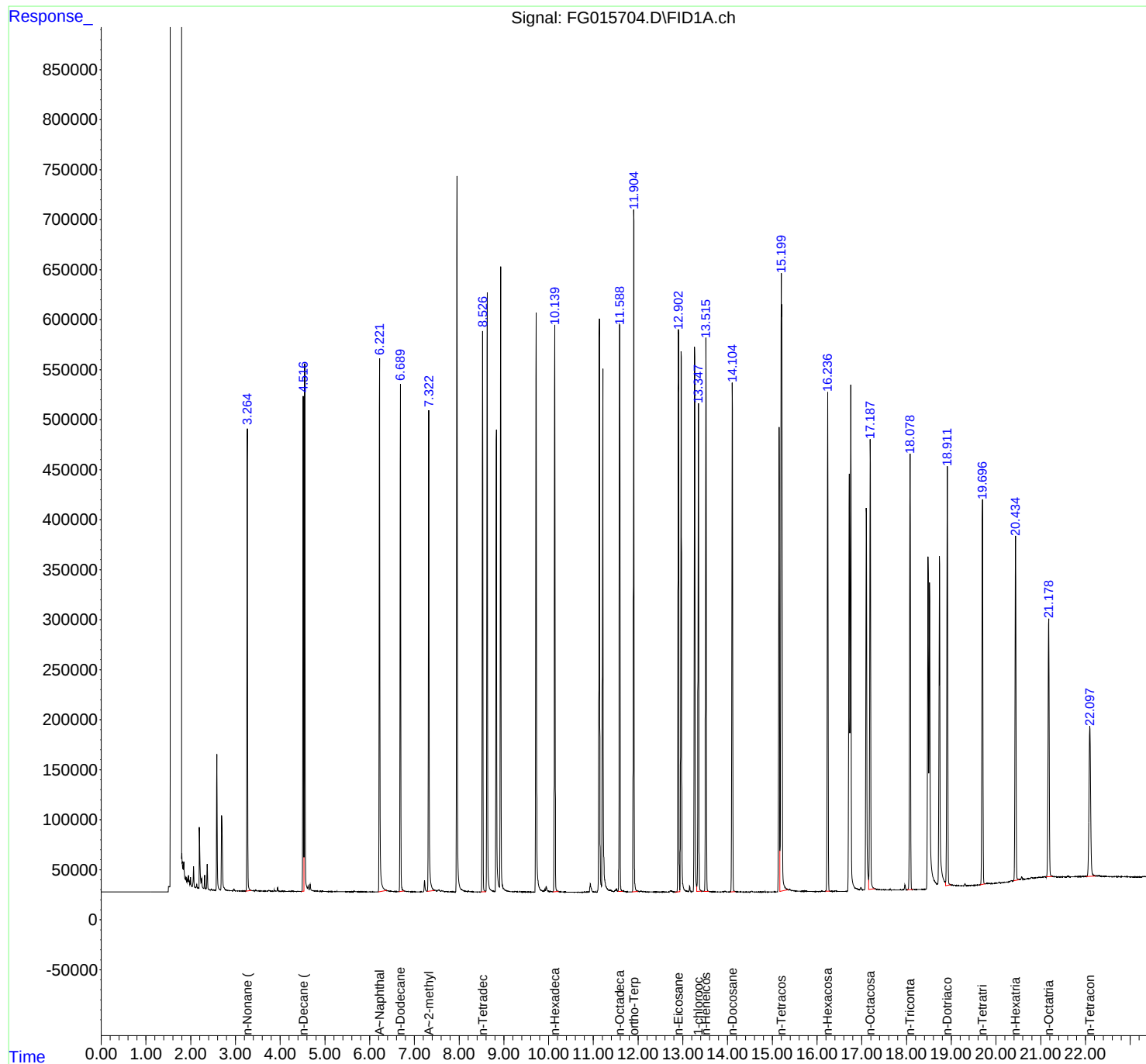
(m)=manual int.

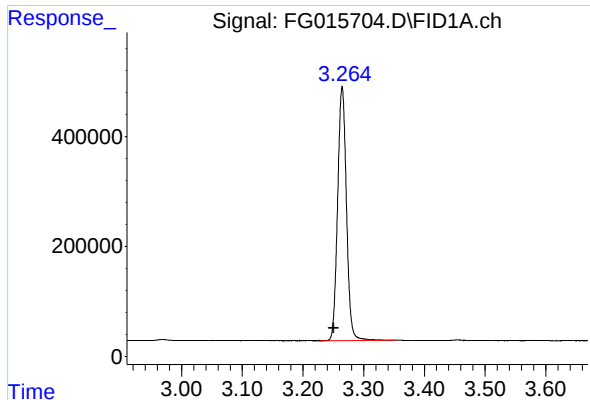
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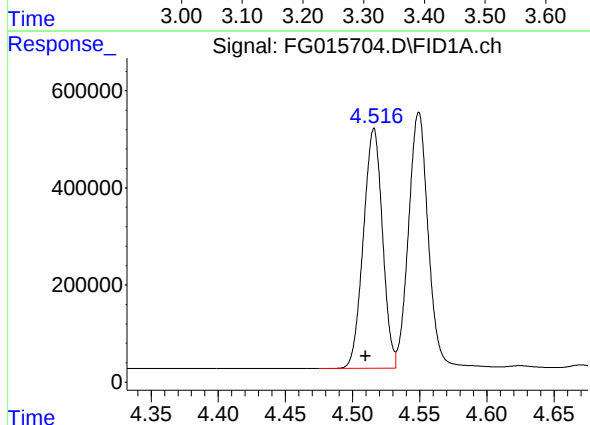




#1 n-Nonane (C9)

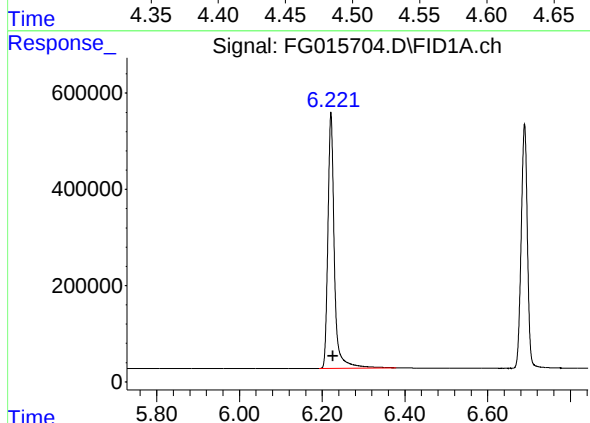
R.T.: 3.265 min
Delta R.T.: 0.014 min
Response: 4670768
Conc: 41.80 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167646BSD



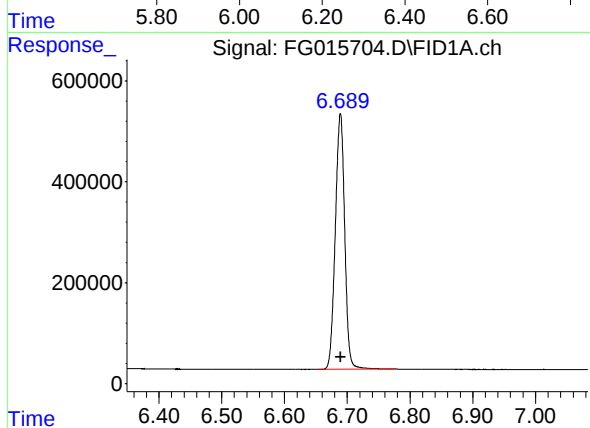
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.006 min
Response: 4900468
Conc: 43.70 ug/ml



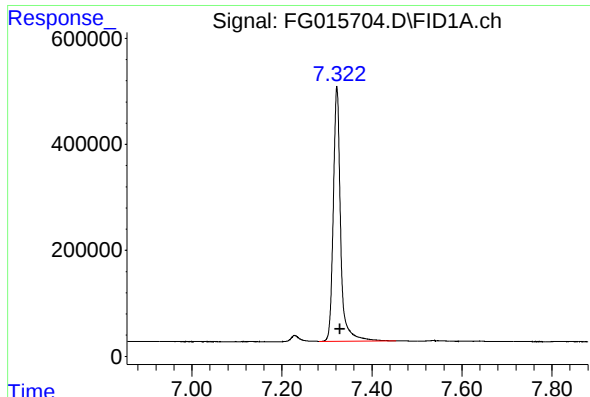
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 5755638
Conc: 49.61 ug/ml



#4 n-Dodecane (C12)

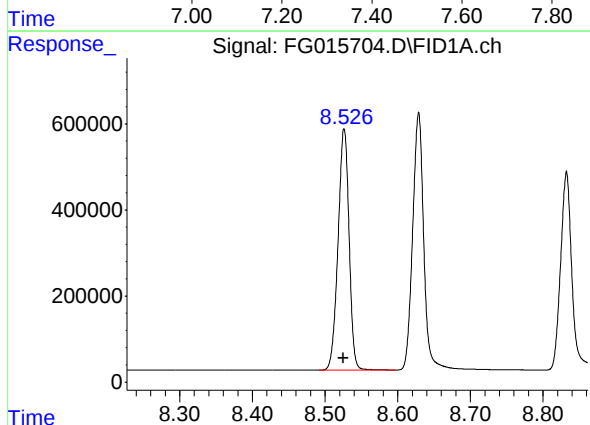
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 5297108
Conc: 46.33 ug/ml



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

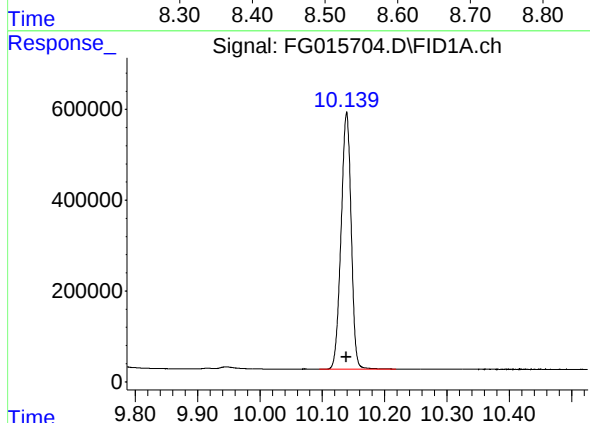
R.T.: 7.322 min
Delta R.T.: -0.006 min
Response: 5413794
Conc: 48.63 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167646BSD



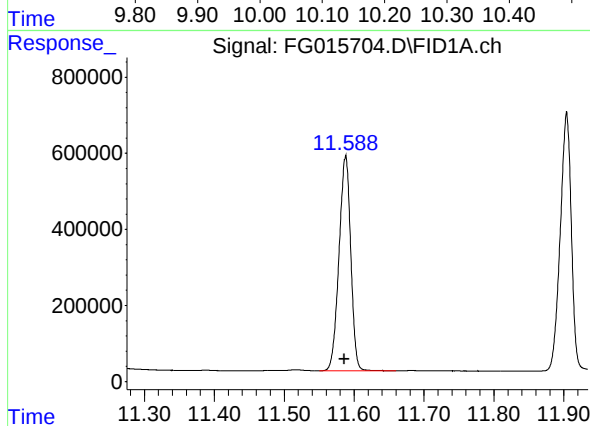
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.001 min
Response: 5894736
Conc: 51.73 ug/ml



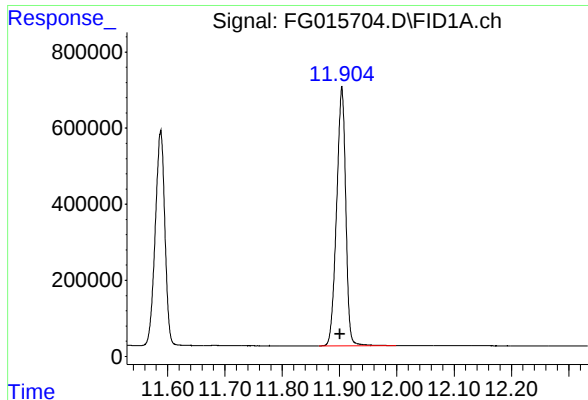
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 6370668
Conc: 54.48 ug/ml



#8 n-Octadecane (C18)

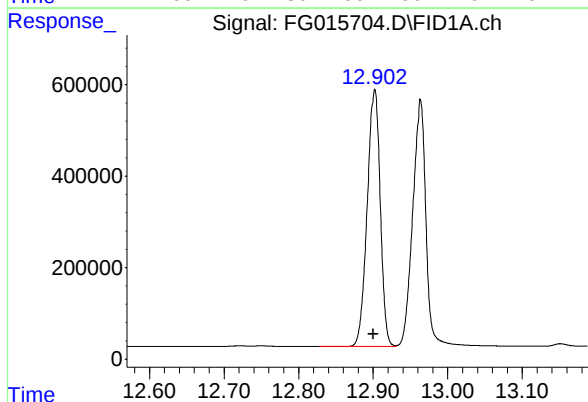
R.T.: 11.588 min
Delta R.T.: 0.002 min
Response: 6571842
Conc: 54.94 ug/ml



#9 ortho-Terphenyl (SURR)

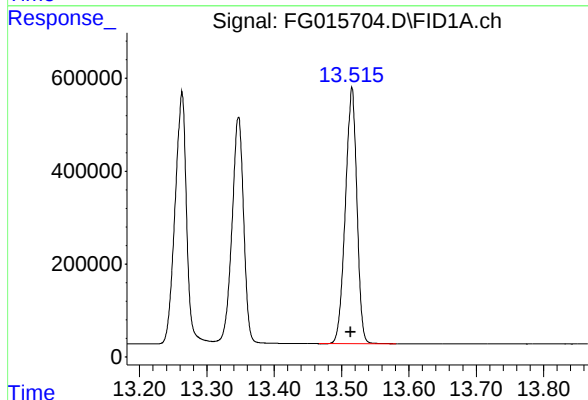
R.T.: 11.904 min
Delta R.T.: 0.003 min
Response: 7538464
Conc: 52.00 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167646BSD



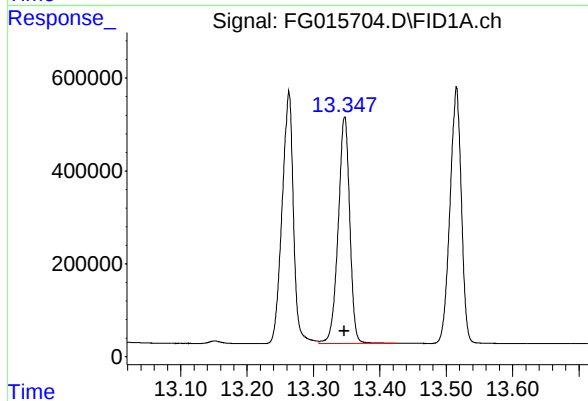
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.002 min
Response: 6836435
Conc: 57.45 ug/ml



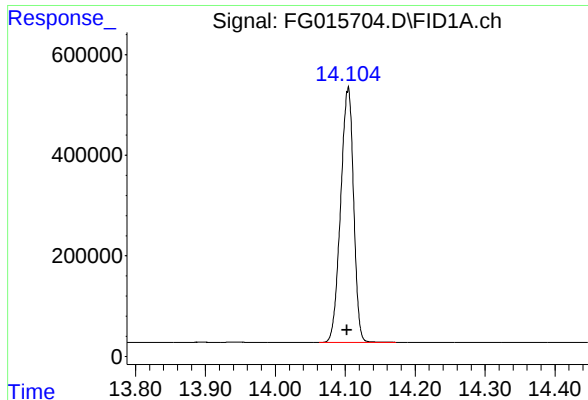
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.002 min
Response: 6550792
Conc: 55.38 ug/ml



#12 1-chlorooctadecane (SURR)

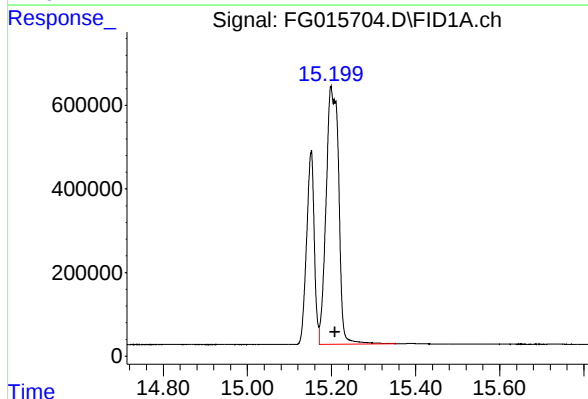
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 5912502
Conc: 55.91 ug/ml



#13 n-Docosane (C22)

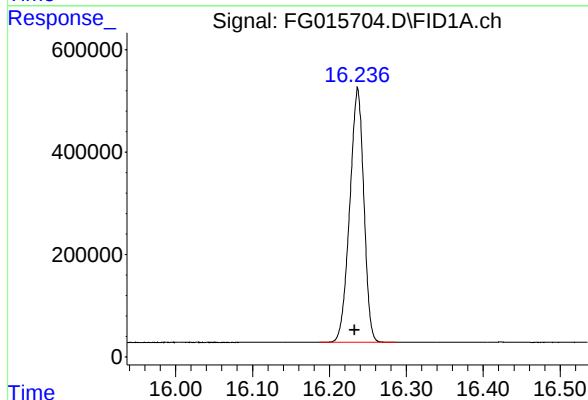
R.T.: 14.104 min
Delta R.T.: 0.002 min
Response: 6519328
Conc: 55.90 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167646BSD



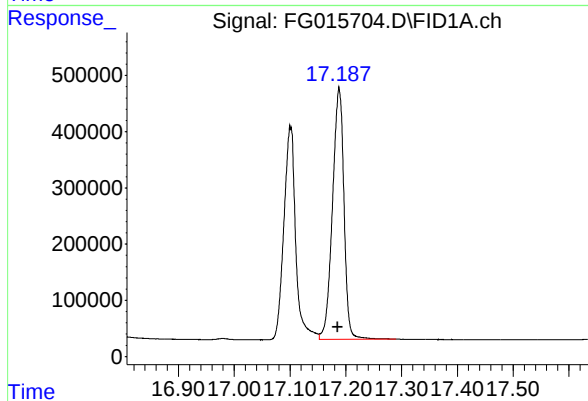
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 12813561
Conc: 111.18 ug/ml



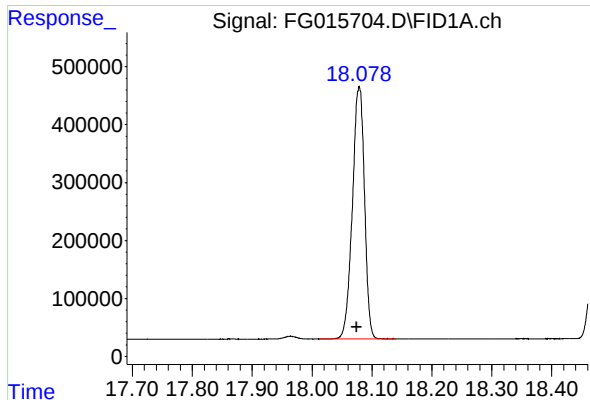
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.004 min
Response: 6317571
Conc: 56.57 ug/ml



#16 n-Octacosane (C28)

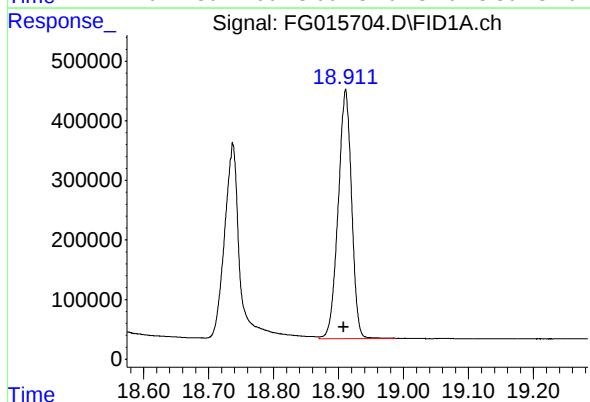
R.T.: 17.188 min
Delta R.T.: 0.003 min
Response: 6408877
Conc: 58.89 ug/ml



#17 n-Tricontane (C30)

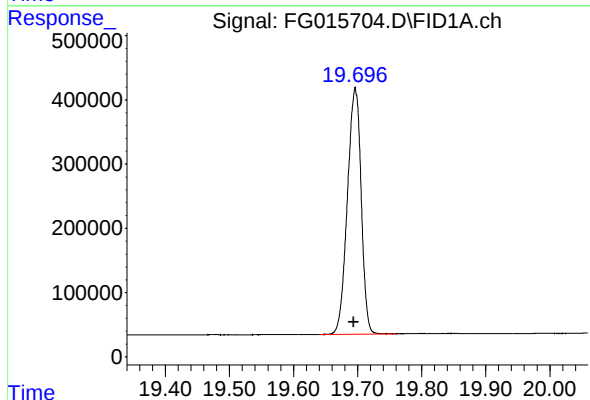
R.T.: 18.079 min
Delta R.T.: 0.005 min
Response: 6109046
Conc: 56.09 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167646BSD



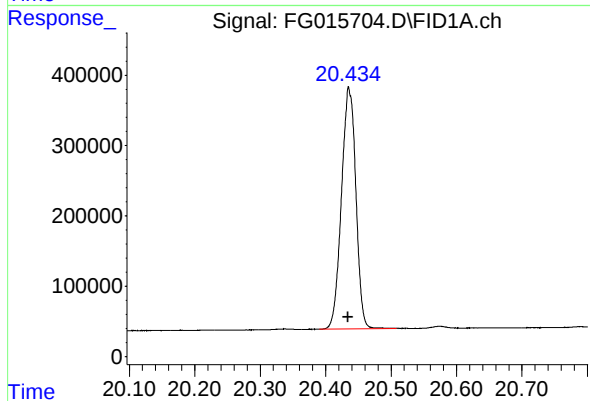
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.003 min
Response: 6013089
Conc: 55.89 ug/ml



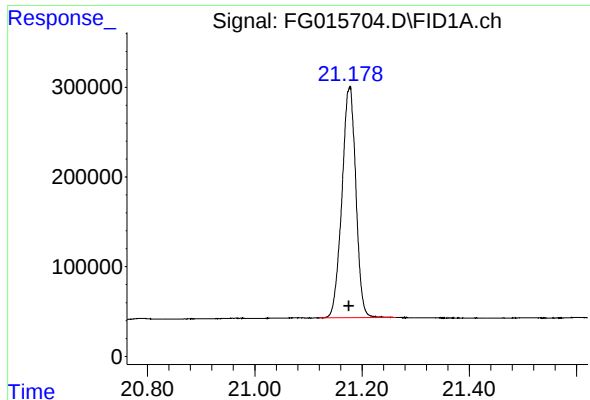
#19 n-Tetatriacontane (C34)

R.T.: 19.696 min
Delta R.T.: 0.002 min
Response: 5697585
Conc: 55.92 ug/ml



#20 n-Hexatriacontane (C36)

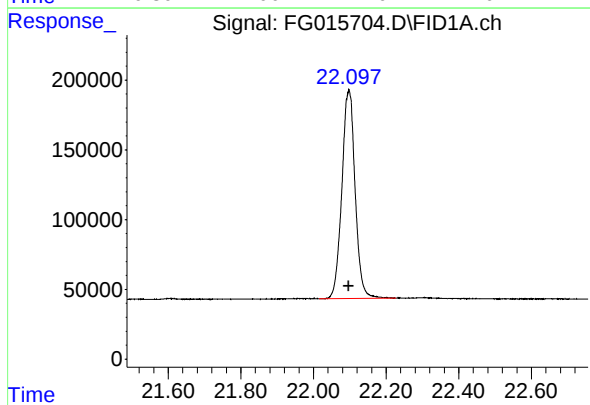
R.T.: 20.435 min
Delta R.T.: 0.001 min
Response: 5247544
Conc: 53.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.001 min
Response: 4648860
Conc: 50.93 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167646BSD



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.000 min
Response: 3781534
Conc: 44.78 ug/ml