

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AL\
 Data File : FG015188.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 18:14
 Operator : YP\AJ
 Sample : Q1168-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 29 02:36:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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...	13.385	4990942	40.989 ug/ml
Spiked Amount 50.000		Recovery =	81.98%
Target Compounds			
1) T n-Nonane (C9)	3.281	363844	2.802 ug/ml
2) T n-Decane (C10)	4.540	427266	3.215 ug/ml
4) T n-Dodecane (C12)	6.719	487732	3.588 ug/ml
6) T n-Tetradecane (C14)	8.556	517384	3.762 ug/ml
7) T n-Hexadecane (C16)	10.171	543093	3.748 ug/ml
8) T n-Octadecane (C18)	11.620	588241	3.958 ug/ml
10) T n-Eicosane (C20)	12.936	590826	4.116 ug/ml
11) T n-Heneicosane (C21)	13.550	567846	4.016 ug/ml
13) T n-Docosane (C22)	14.139	563747	4.010 ug/ml
14) T n-Tetracosane (C24)	15.246	553513	3.977 ug/ml
15) T n-Hexacosane (C26)	16.270	535606	3.954 ug/ml
16) T n-Octacosane (C28)	17.222	525021	3.990 ug/ml
17) T n-Tricontane (C30)	18.113	535787	4.039 ug/ml
18) T n-Dotriacontane (C32)	18.948	533273	4.228 ug/ml
19) T n-Tetratriacontane (C34)	19.734	511798	4.700 ug/ml
20) T n-Hexatriacontane (C36)	20.475	486555	5.212 ug/ml
21) T n-Octatriacontane (C38)	21.223	476416	5.429 ug/ml
22) T n-Tetracontane (C40)	22.161	437658	5.163 ug/ml

(f)=RT Delta > 1/2 Window

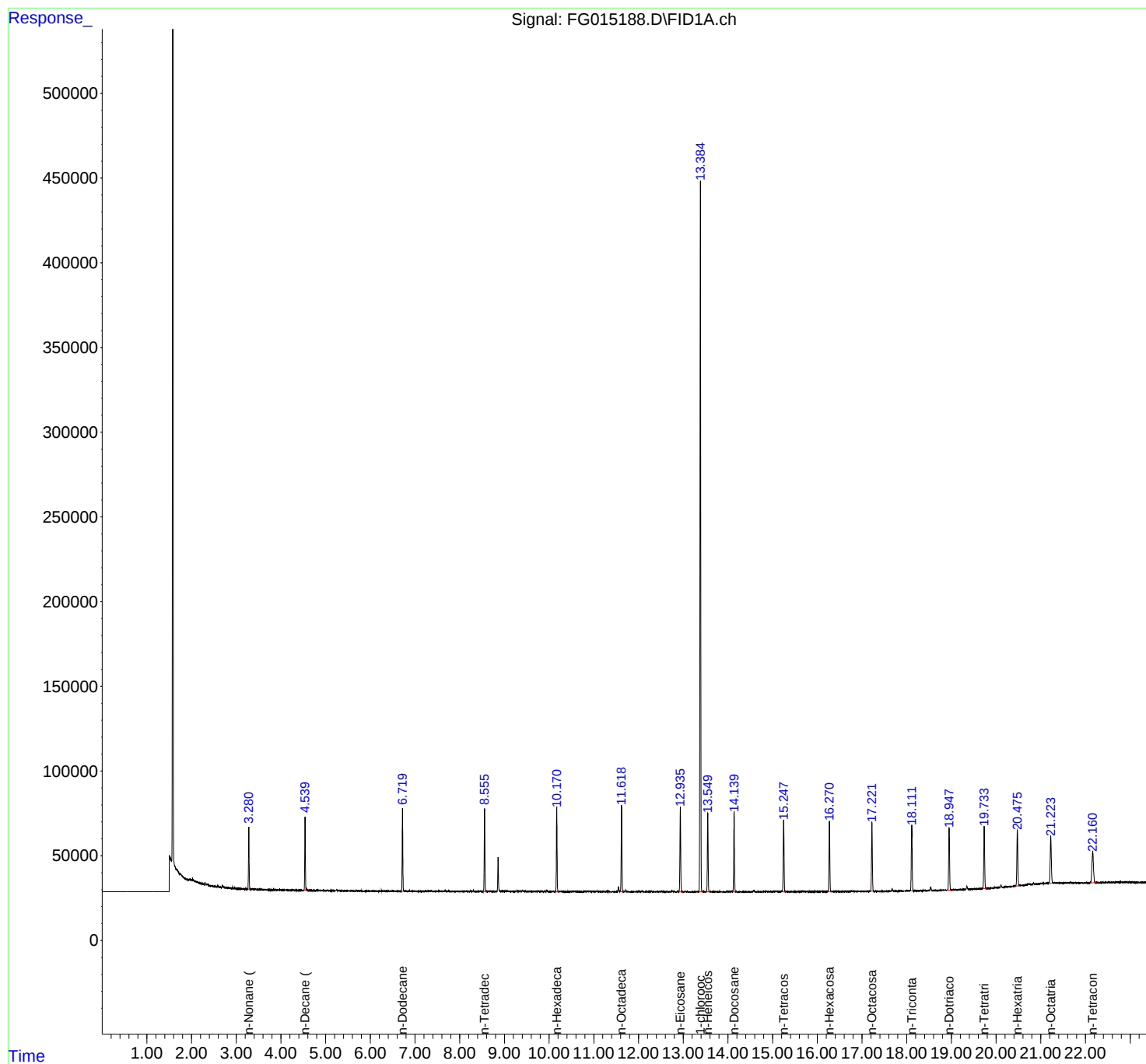
(m)=manual int.

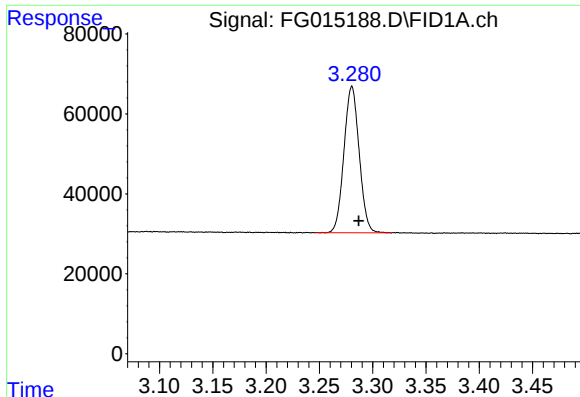
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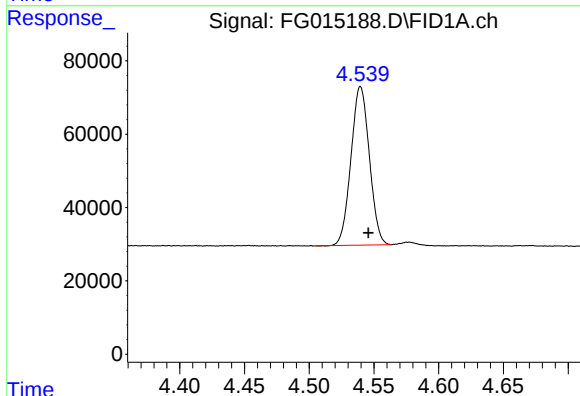




#1 n-Nonane (C9)

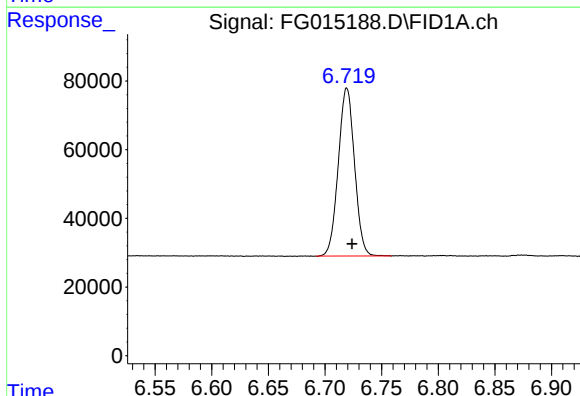
R.T.: 3.281 min
Delta R.T.: -0.006 min
Response: 363844
Conc: 2.80 ug/ml

Instrument :
FID_G
ClientSampleId :



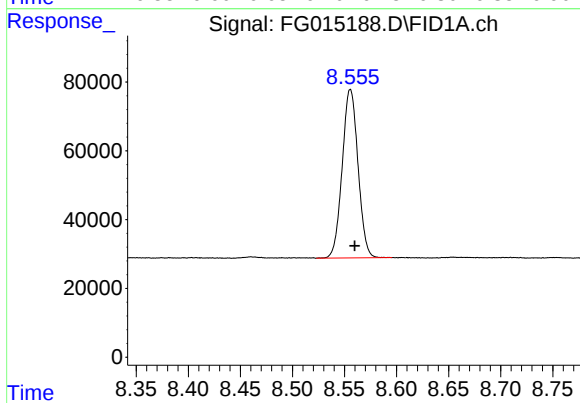
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.006 min
Response: 427266
Conc: 3.22 ug/ml



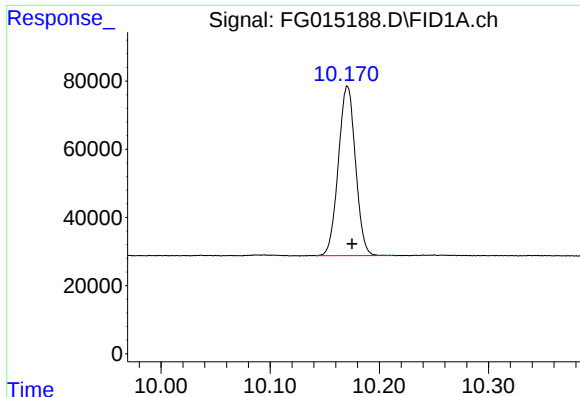
#4 n-Dodecane (C12)

R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 487732
Conc: 3.59 ug/ml



#6 n-Tetradecane (C14)

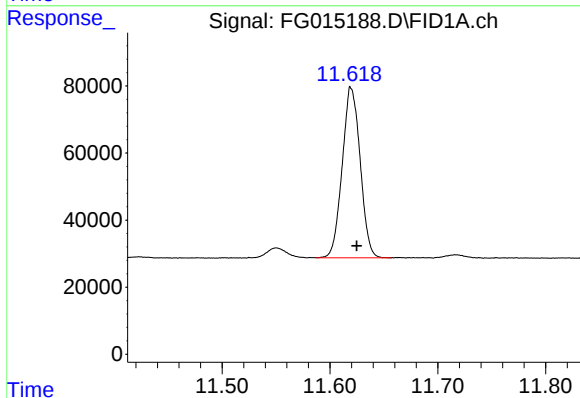
R.T.: 8.556 min
Delta R.T.: -0.004 min
Response: 517384
Conc: 3.76 ug/ml



#7 n-Hexadecane (C16)

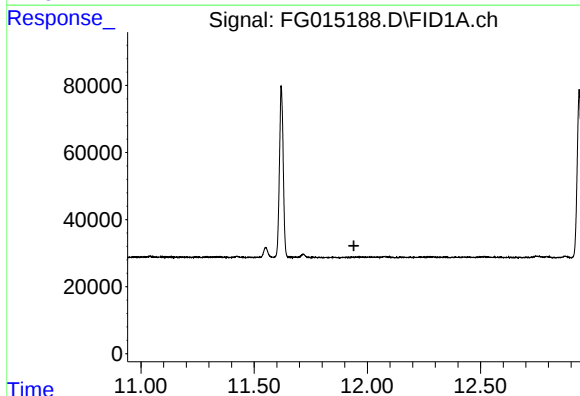
R.T.: 10.171 min
Delta R.T.: -0.004 min
Response: 543093
Conc: 3.75 ug/ml

Instrument :
FID_G
ClientSampleId :



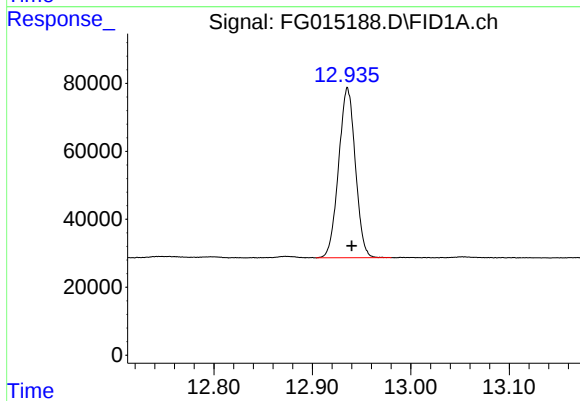
#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.005 min
Response: 588241
Conc: 3.96 ug/ml



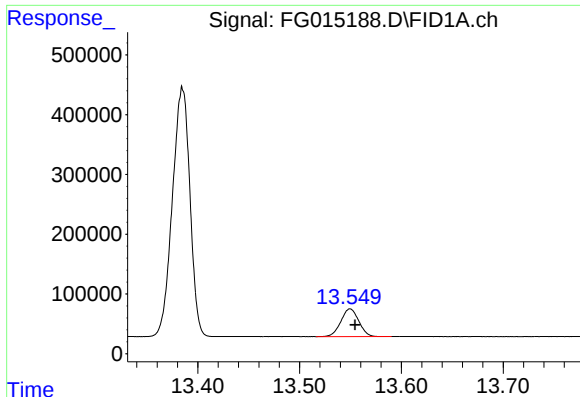
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

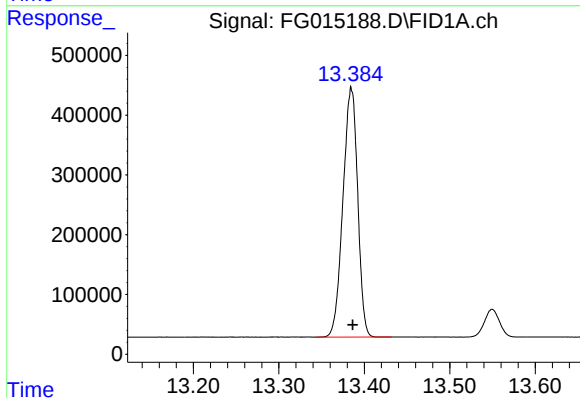
R.T.: 12.936 min
Delta R.T.: -0.004 min
Response: 590826
Conc: 4.12 ug/ml



#11 n-Heneicosane (C21)

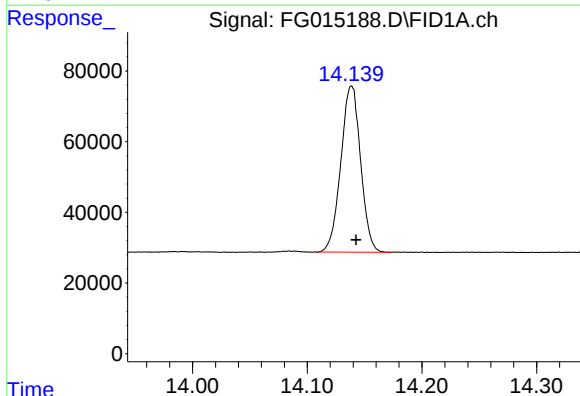
R.T.: 13.550 min
Delta R.T.: -0.005 min
Response: 567846
Conc: 4.02 ug/ml

Instrument :
FID_G
ClientSampleId :



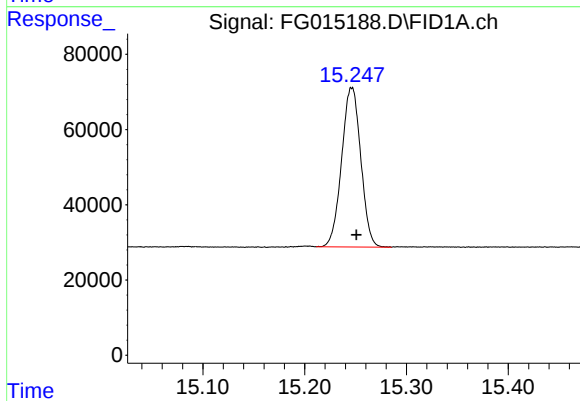
#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.002 min
Response: 4990942
Conc: 40.99 ug/ml



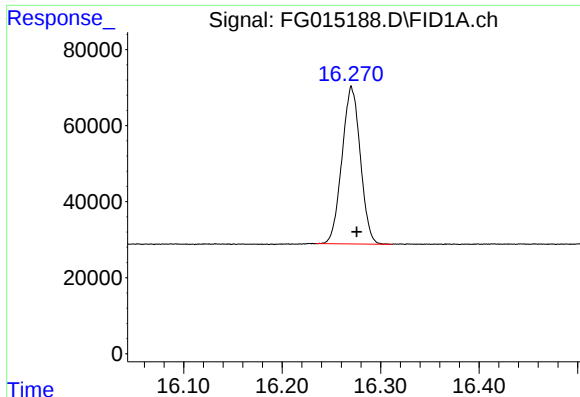
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.004 min
Response: 563747
Conc: 4.01 ug/ml



#14 n-Tetracosane (C24)

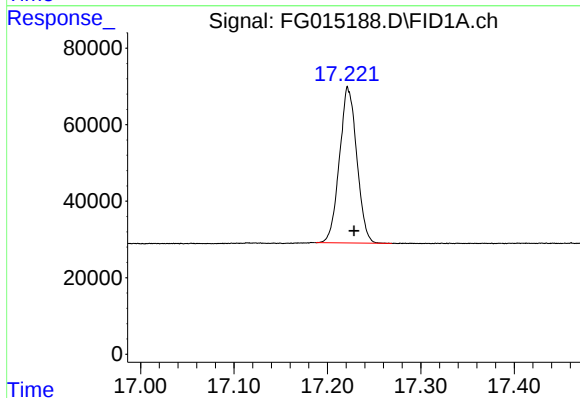
R.T.: 15.246 min
Delta R.T.: -0.004 min
Response: 553513
Conc: 3.98 ug/ml



#15 n-Hexacosane (C26)

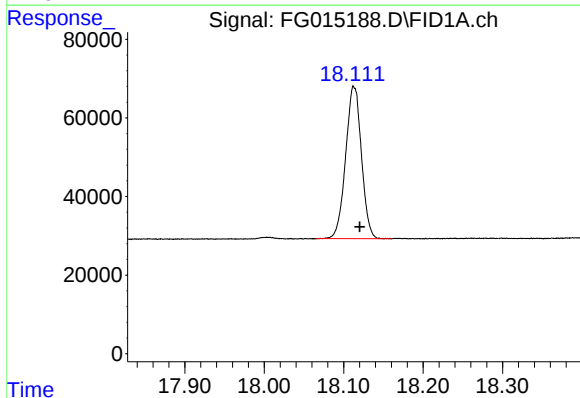
R.T.: 16.270 min
Delta R.T.: -0.005 min
Response: 535606
Conc: 3.95 ug/ml

Instrument :
FID_G
ClientSampleId :



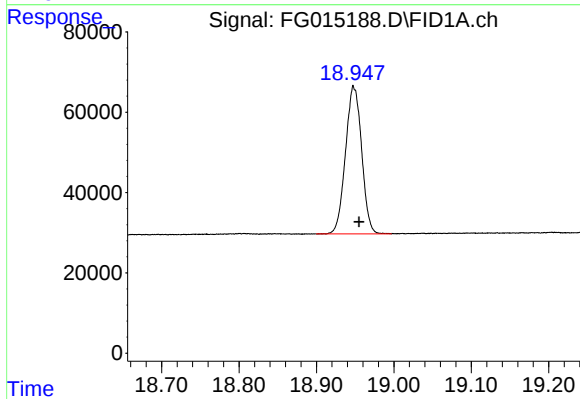
#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.007 min
Response: 525021
Conc: 3.99 ug/ml



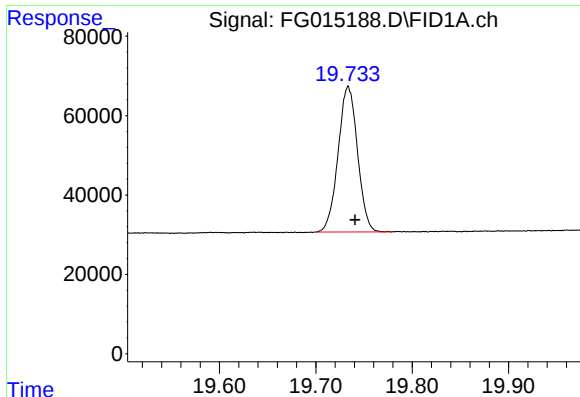
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.007 min
Response: 535787
Conc: 4.04 ug/ml



#18 n-Dotriacontane (C32)

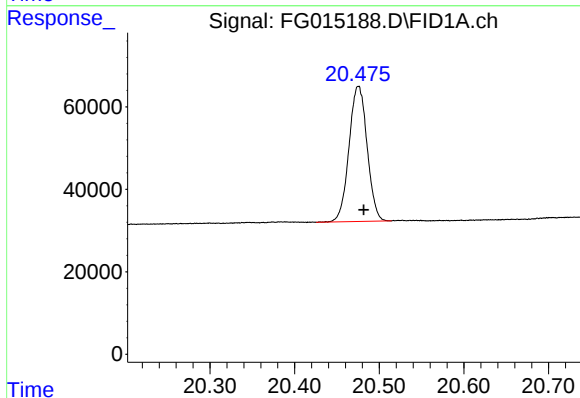
R.T.: 18.948 min
Delta R.T.: -0.007 min
Response: 533273
Conc: 4.23 ug/ml



#19 n-Tetratriacontane (C34)

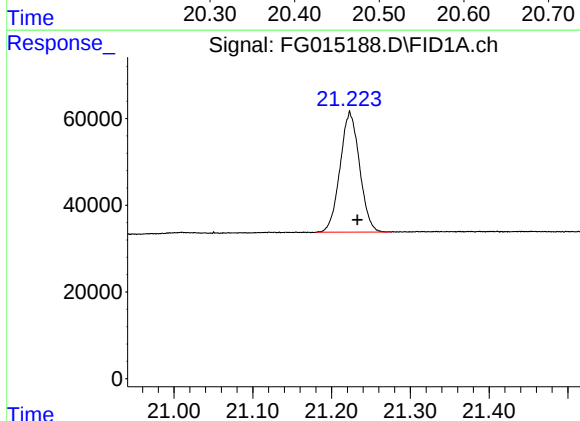
R.T.: 19.734 min
Delta R.T.: -0.007 min
Response: 511798
Conc: 4.70 ug/ml

Instrument :
FID_G
ClientSampleId :



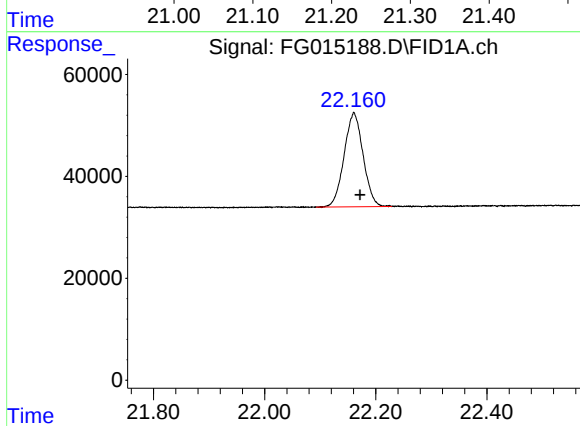
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.006 min
Response: 486555
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.010 min
Response: 476416
Conc: 5.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.011 min
Response: 437658
Conc: 5.16 ug/ml