

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068962.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 16:52
 Operator : YP/AJ
 Sample : PB168103BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168103BSD

Integration File: autoint1.e
 Quant Time: May 22 07:44:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.709	4939599	43.277 ug/ml
Spiked Amount 50.000		Recovery =	86.55%
12) S 1-chlorooctadecane (S...	13.142	3916224	48.815 ug/ml
Spiked Amount 50.000		Recovery =	97.63%
Target Compounds			
1) T n-Nonane (C9)	3.450	4056073	40.327 ug/ml
2) T n-Decane (C10)	4.521	4265861	42.812 ug/ml
3) T A~Naphthalene (C11.7)	6.114	4903773	44.474 ug/ml
4) T n-Dodecane (C12)	6.541	4273955	43.981 ug/ml
5) T A~2-methylnaphthalene...	7.172	4463653	41.587 ug/ml
6) T n-Tetradecane (C14)	8.340	4140945	44.803 ug/ml
7) T n-Hexadecane (C16)	9.941	4122263	46.036 ug/ml
8) T n-Octadecane (C18)	11.385	4040270	46.060 ug/ml
10) T n-Eicosane (C20)	12.696	4102860	48.145 ug/ml
11) T n-Heneicosane (C21)	13.308	3928006	46.571 ug/ml
13) T n-Docosane (C22)	13.894	3878621	46.363 ug/ml
14) T n-Tetracosane (C24)	14.991	7951056	95.558 ug/ml
15) T n-Hexacosane (C26)	16.020	3773031	45.539 ug/ml
16) T n-Octacosane (C28)	16.970	3747665	45.346 ug/ml
17) T n-Tricontane (C30)	17.859	3748504	44.302 ug/ml
18) T n-Dotriacontane (C32)	18.691	3754548	43.589 ug/ml
19) T n-Tetratriacontane (C34)	19.477	3924343	46.060 ug/ml
20) T n-Hexatriacontane (C36)	20.216	3879171	45.134 ug/ml
21) T n-Octatriacontane (C38)	20.989	3959010	47.196 ug/ml
22) T n-Tetracontane (C40)	21.967	3864665	47.156 ug/ml

(f)=RT Delta > 1/2 Window

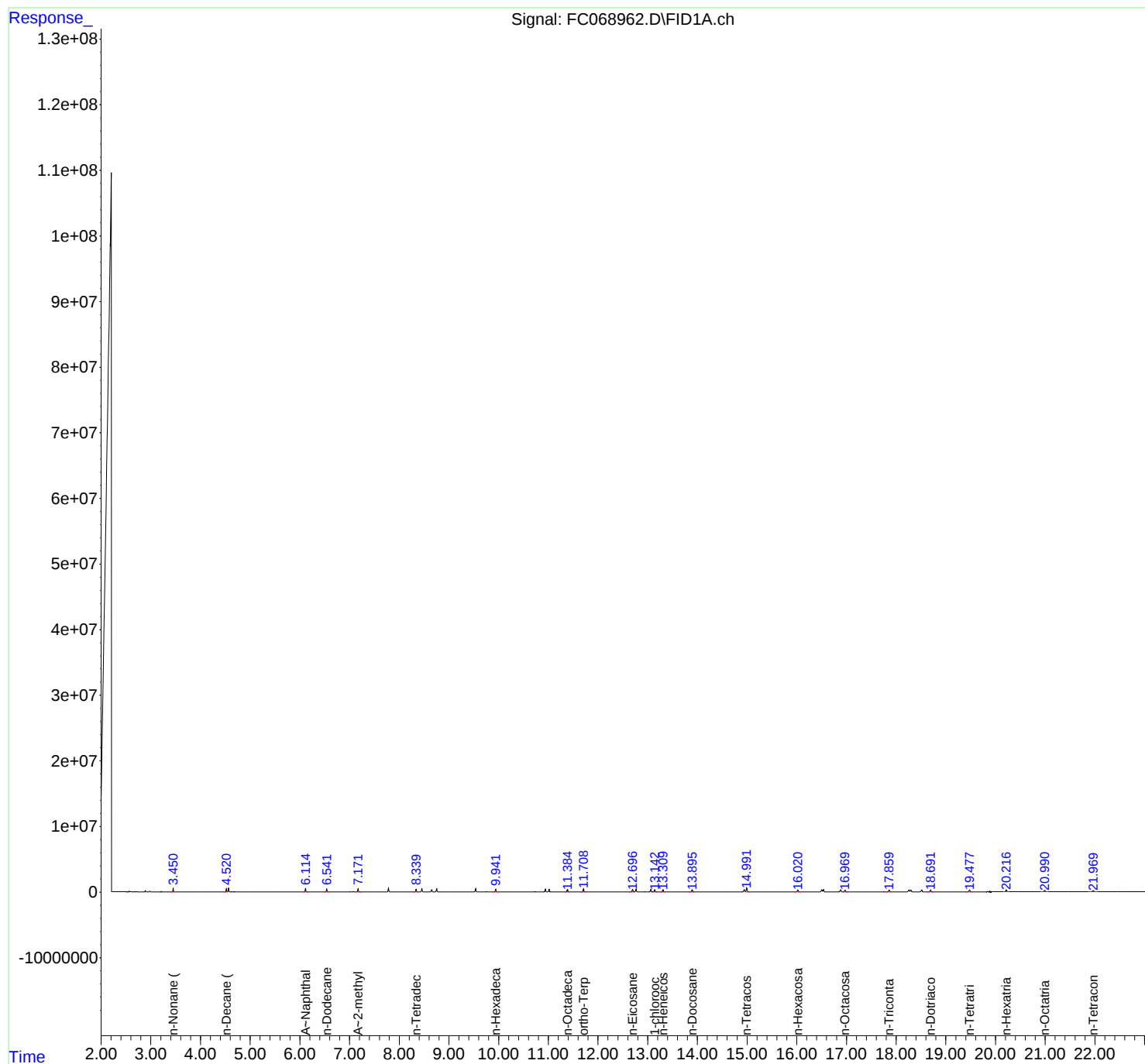
(m)=manual int.

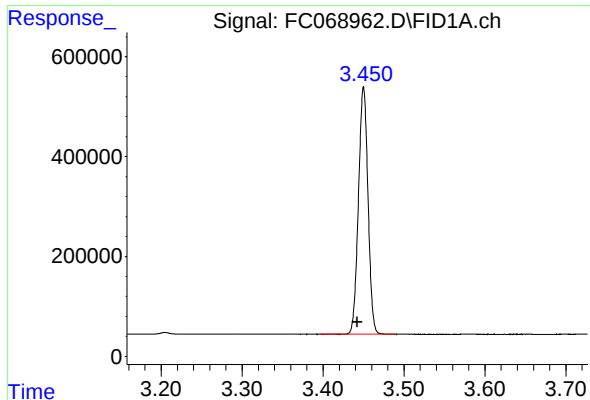
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
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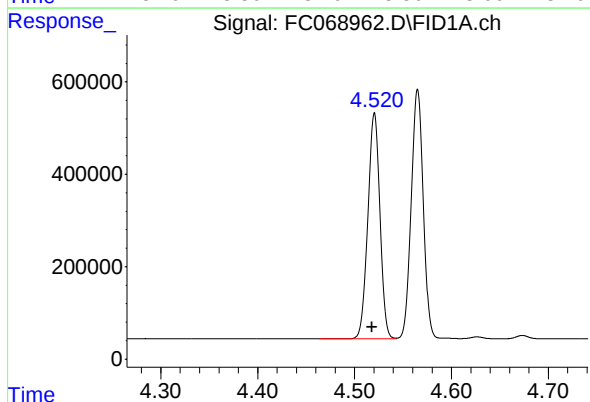




#1 n-Nonane (C9)

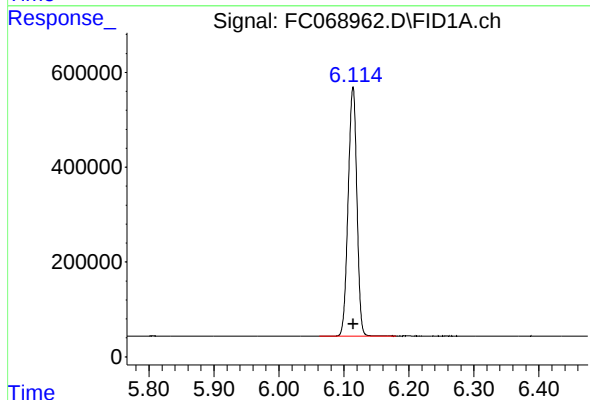
R.T.: 3.450 min
Delta R.T.: 0.008 min
Response: 4056073
Conc: 40.33 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BSD



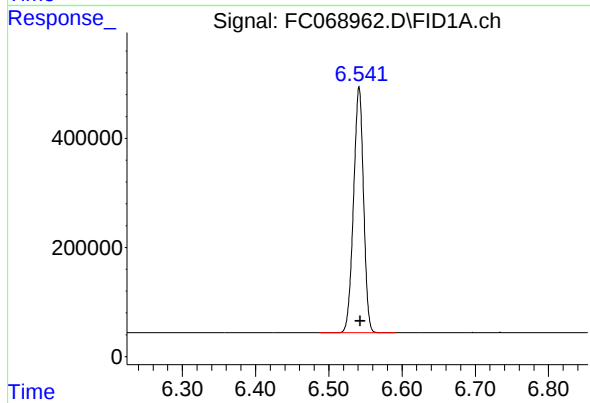
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 4265861
Conc: 42.81 ug/ml



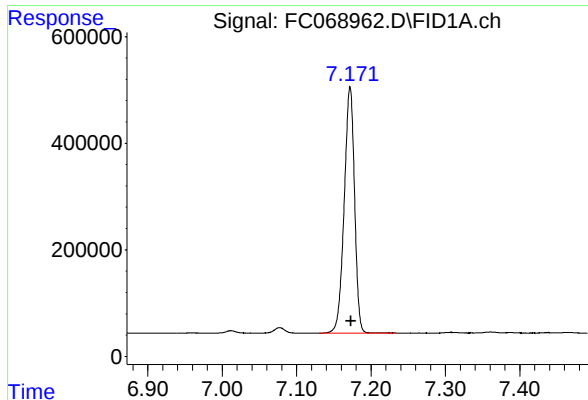
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 4903773
Conc: 44.47 ug/ml



#4 n-Dodecane (C12)

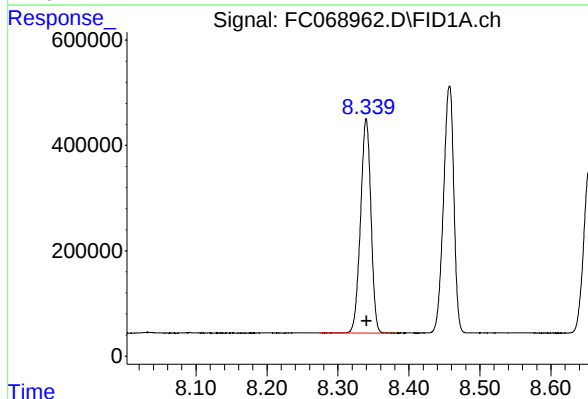
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 4273955
Conc: 43.98 ug/ml



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

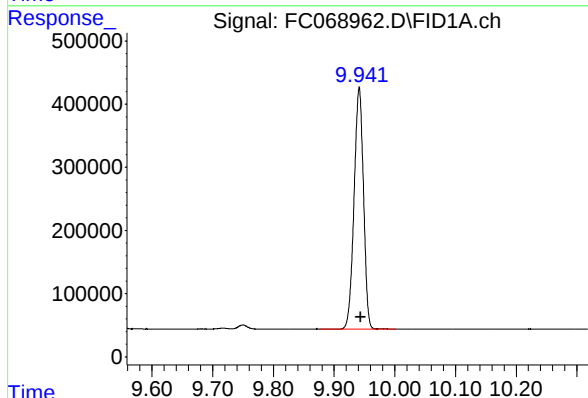
R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 4463653
Conc: 41.59 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BSD



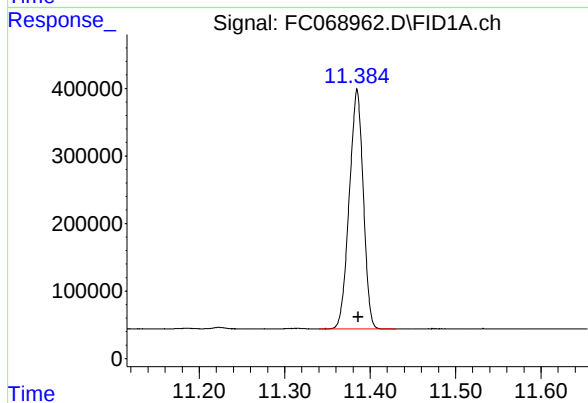
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 4140945
Conc: 44.80 ug/ml



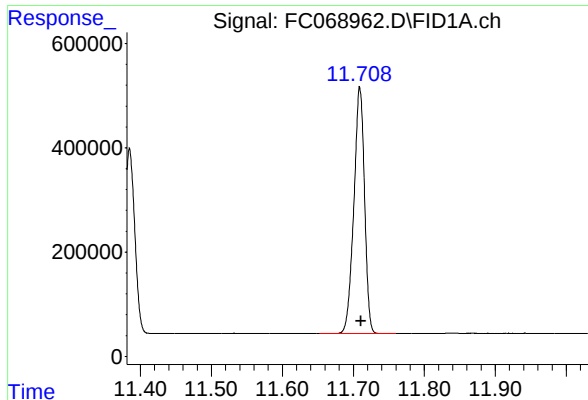
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 4122263
Conc: 46.04 ug/ml



#8 n-Octadecane (C18)

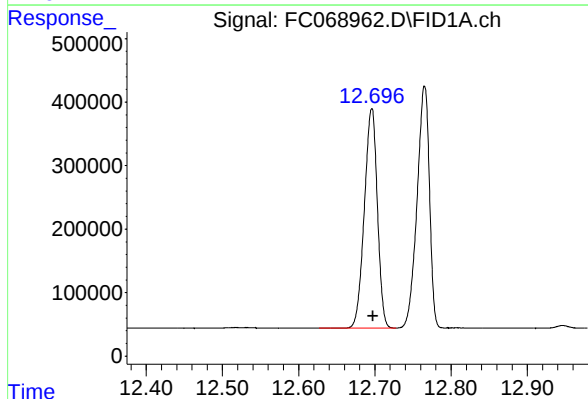
R.T.: 11.385 min
Delta R.T.: -0.002 min
Response: 4040270
Conc: 46.06 ug/ml



#9 ortho-Terphenyl (SURR)

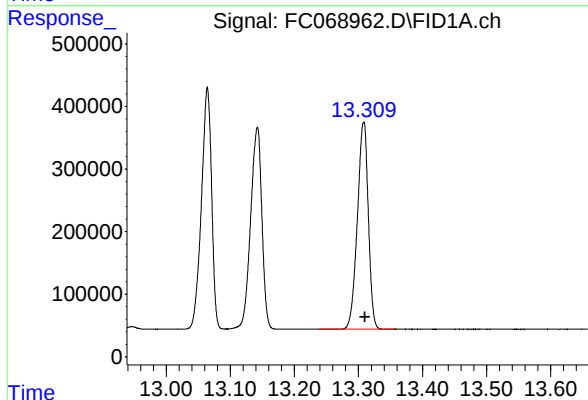
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 4939599
Conc: 43.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BSD



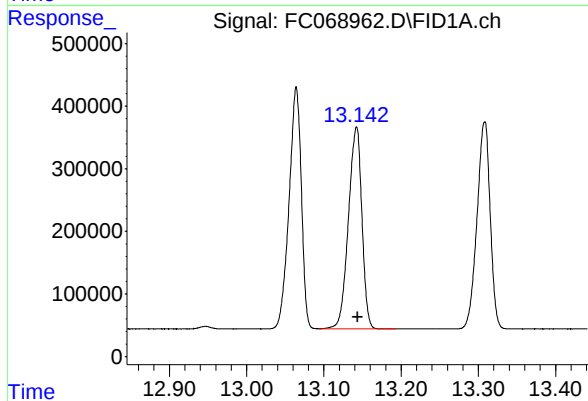
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.002 min
Response: 4102860
Conc: 48.15 ug/ml



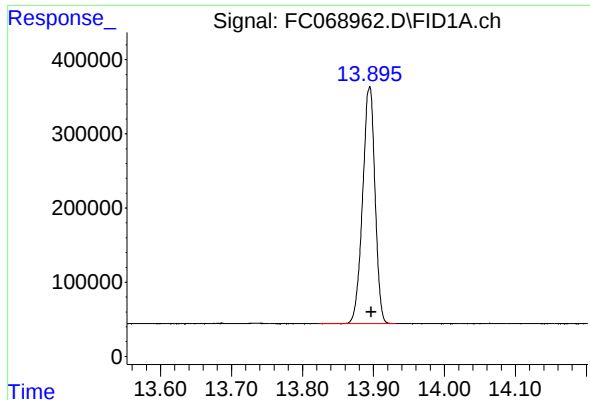
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 3928006
Conc: 46.57 ug/ml



#12 1-chlorooctadecane (SURR)

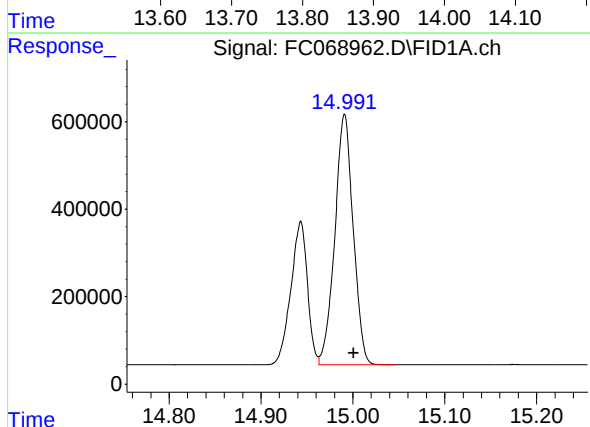
R.T.: 13.142 min
Delta R.T.: -0.002 min
Response: 3916224
Conc: 48.81 ug/ml



#13 n-Docosane (C22)

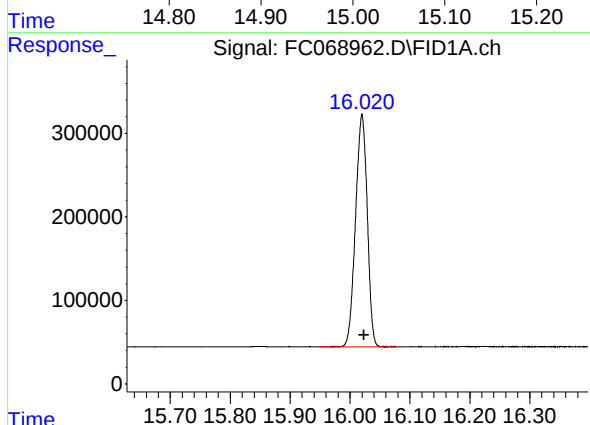
R.T.: 13.894 min
Delta R.T.: -0.002 min
Response: 3878621
Conc: 46.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BSD



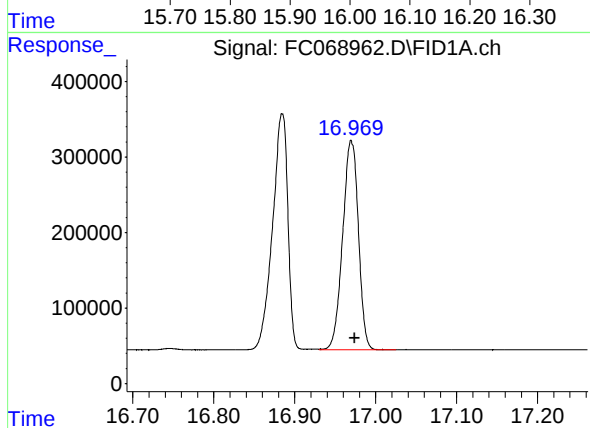
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.010 min
Response: 7951056
Conc: 95.56 ug/ml



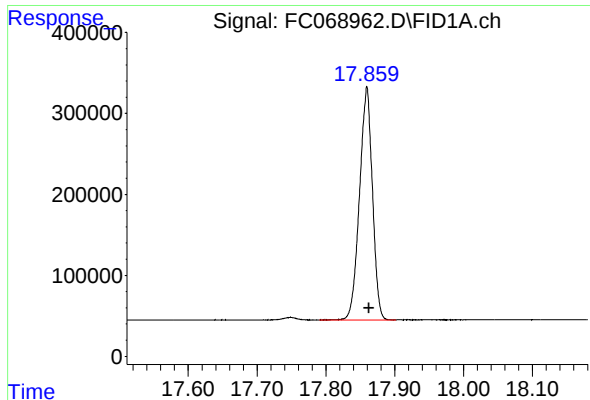
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 3773031
Conc: 45.54 ug/ml



#16 n-Octacosane (C28)

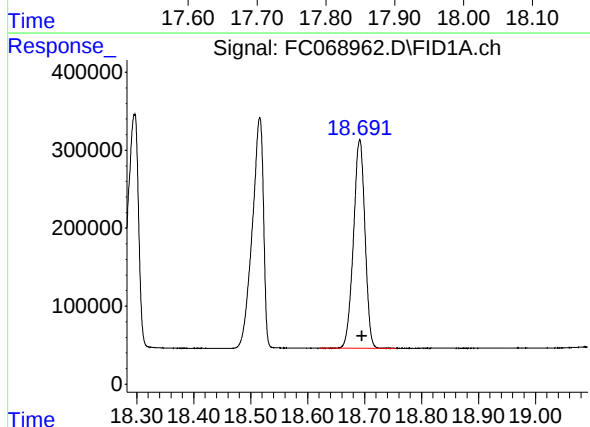
R.T.: 16.970 min
Delta R.T.: -0.004 min
Response: 3747665
Conc: 45.35 ug/ml



#17 n-Tricontane (C30)

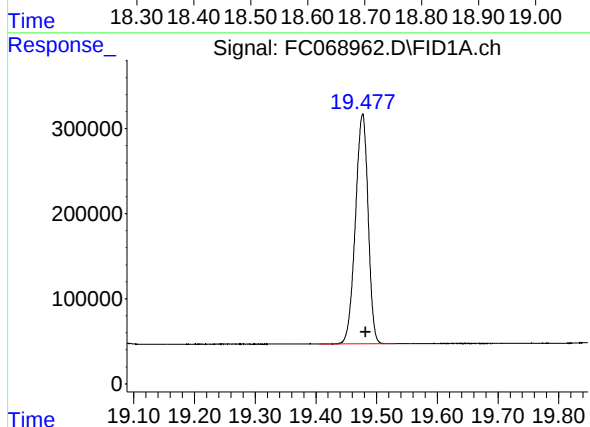
R.T.: 17.859 min
Delta R.T.: -0.003 min
Response: 3748504
Conc: 44.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BSD



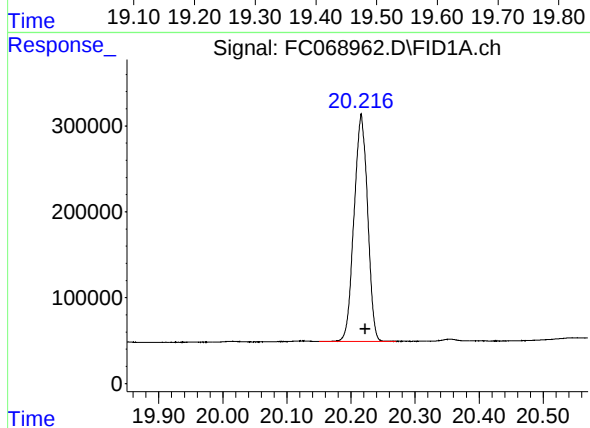
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.004 min
Response: 3754548
Conc: 43.59 ug/ml



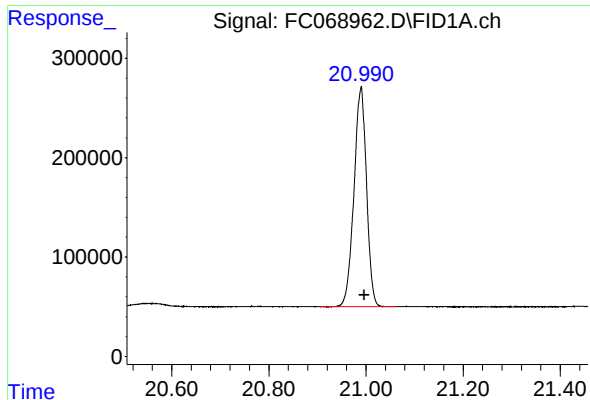
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: -0.005 min
Response: 3924343
Conc: 46.06 ug/ml



#20 n-Hexatriacontane (C36)

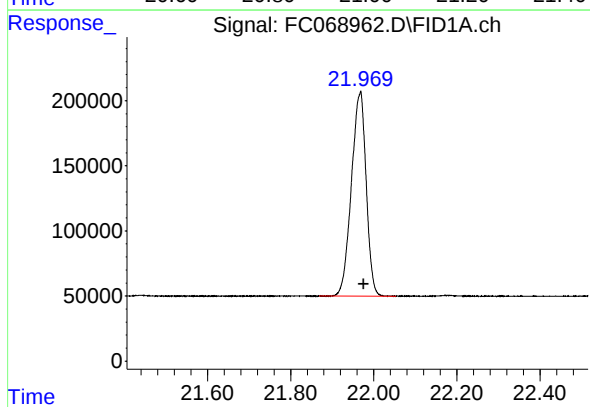
R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 3879171
Conc: 45.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.007 min
Response: 3959010
Conc: 47.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168103BSD



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.008 min
Response: 3864665
Conc: 47.16 ug/ml