

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052025AL\
 Data File : FC068944.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 01:05
 Operator : YP/AJ
 Sample : PB168071BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168071BSD

Integration File: autoint1.e
 Quant Time: May 21 07:37:04 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	4590873	40.222 ug/ml
Spiked Amount 50.000		Recovery =	80.44%
12) S 1-chlorooctadecane (S...	13.141	3544412	44.180 ug/ml
Spiked Amount 50.000		Recovery =	88.36%
Target Compounds			
1) T n-Nonane (C9)	3.449	3871417	38.491 ug/ml
2) T n-Decane (C10)	4.521	4012535	40.270 ug/ml
3) T A~Naphthalene (C11.7)	6.115	4623882	41.935 ug/ml
4) T n-Dodecane (C12)	6.542	3962617	40.777 ug/ml
5) T A~2-methylnaphthalene...	7.172	4173083	38.880 ug/ml
6) T n-Tetradecane (C14)	8.340	3776560	40.861 ug/ml
7) T n-Hexadecane (C16)	9.941	3696557	41.282 ug/ml
8) T n-Octadecane (C18)	11.384	3571937	40.721 ug/ml
10) T n-Eicosane (C20)	12.694	3607529	42.333 ug/ml
11) T n-Heneicosane (C21)	13.306	3445898	40.855 ug/ml
13) T n-Docosane (C22)	13.894	3407424	40.730 ug/ml
14) T n-Tetracosane (C24)	14.990	7321168	87.987 ug/ml
15) T n-Hexacosane (C26)	16.020	3364015	40.602 ug/ml
16) T n-Octacosane (C28)	16.969	3395832	41.089 ug/ml
17) T n-Tricontane (C30)	17.858	3426185	40.493 ug/ml
18) T n-Dotriacontane (C32)	18.691	3347803	38.867 ug/ml
19) T n-Tetratriacontane (C34)	19.475	3148940	36.959 ug/ml
20) T n-Hexatriacontane (C36)	20.214	2543810	29.597 ug/ml
21) T n-Octatriacontane (C38)	20.986	2098083	25.012 ug/ml
22) T n-Tetracontane (C40)	21.960	1720395	20.992 ug/ml

(f)=RT Delta > 1/2 Window

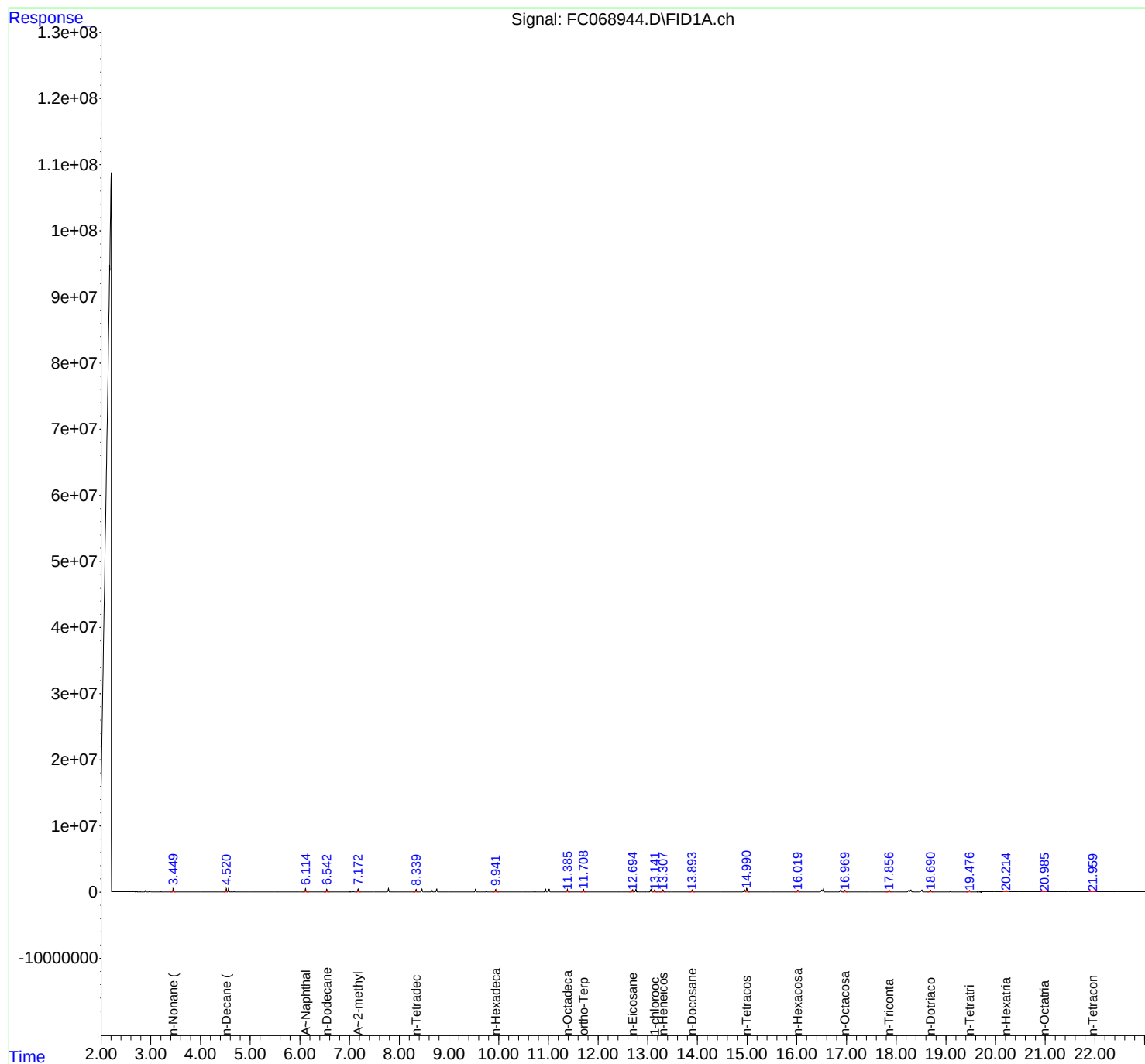
(m)=manual int.

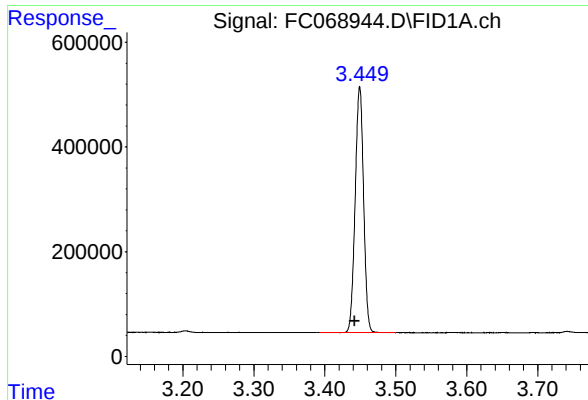
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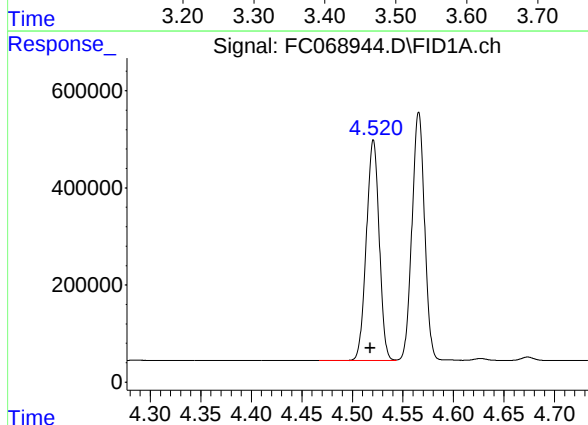




#1 n-Nonane (C9)

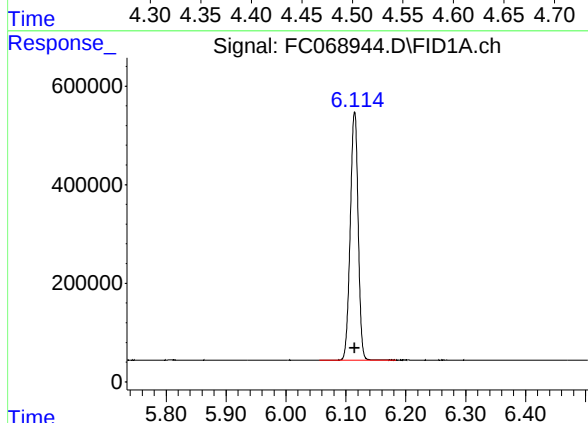
R.T.: 3.449 min
Delta R.T.: 0.007 min
Response: 3871417
Conc: 38.49 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168071BSD



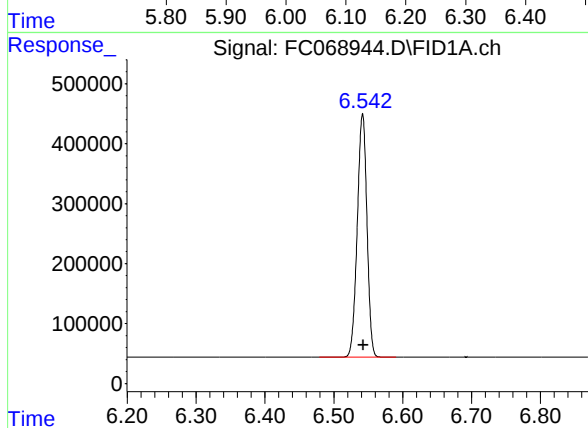
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.003 min
Response: 4012535
Conc: 40.27 ug/ml



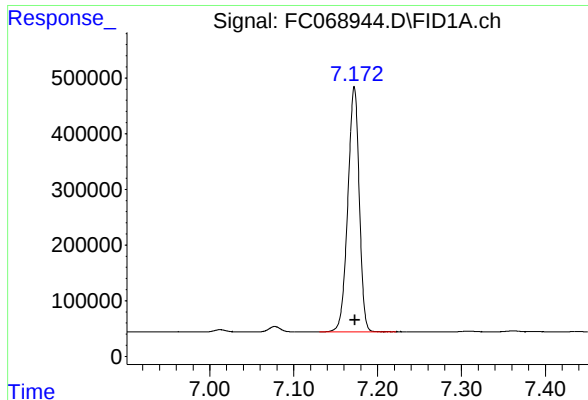
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 4623882
Conc: 41.94 ug/ml



#4 n-Dodecane (C12)

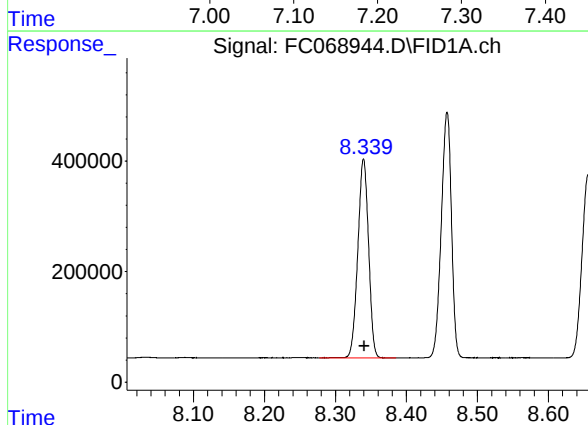
R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 3962617
Conc: 40.78 ug/ml



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

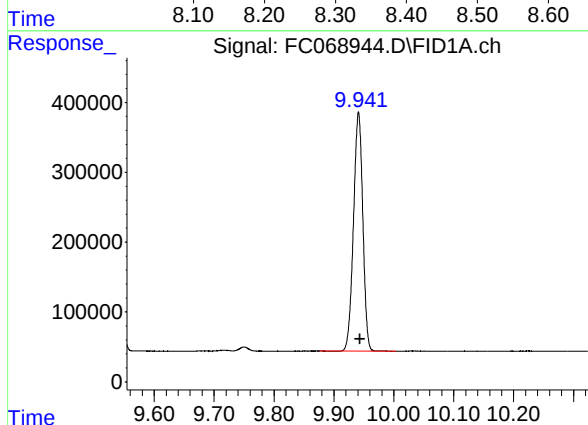
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 4173083
Conc: 38.88 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168071BSD



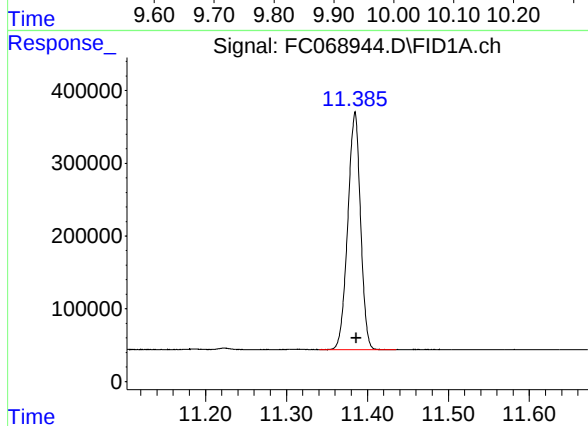
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 3776560
Conc: 40.86 ug/ml



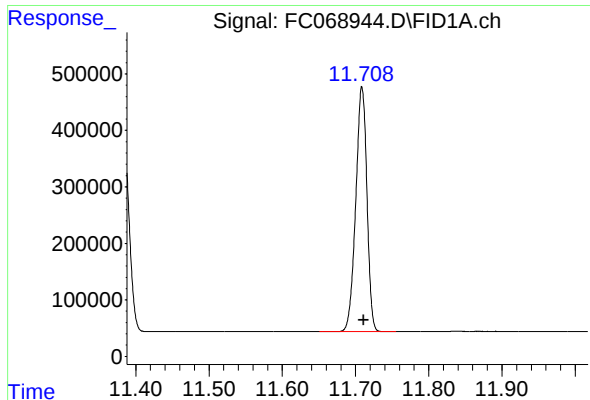
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.003 min
Response: 3696557
Conc: 41.28 ug/ml



#8 n-Octadecane (C18)

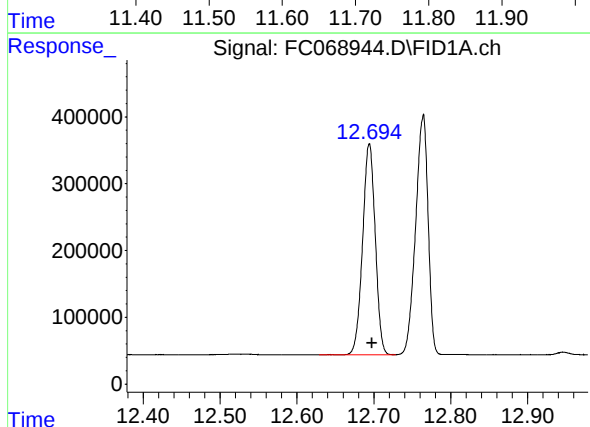
R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 3571937
Conc: 40.72 ug/ml



#9 ortho-Terphenyl (SURR)

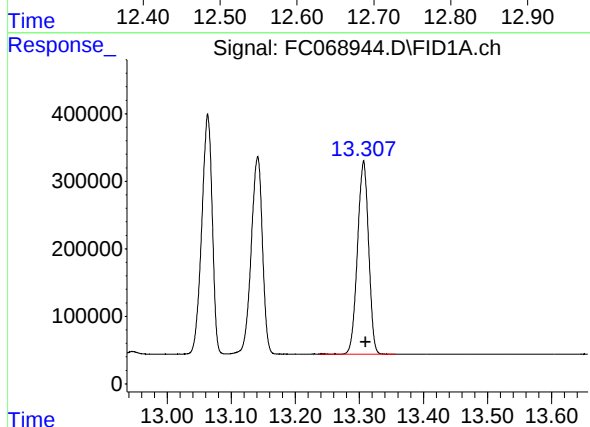
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 4590873
Conc: 40.22 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168071BSD



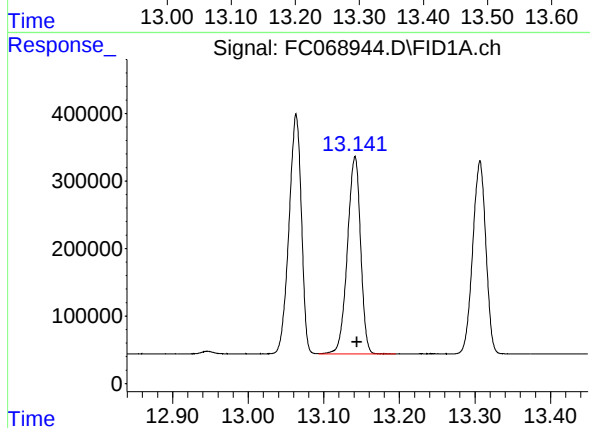
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.003 min
Response: 3607529
Conc: 42.33 ug/ml



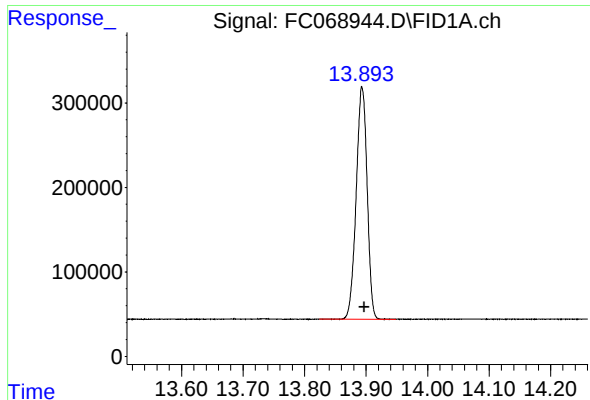
#11 n-Heneicosane (C21)

R.T.: 13.306 min
Delta R.T.: -0.004 min
Response: 3445898
Conc: 40.85 ug/ml



#12 1-chlorooctadecane (SURR)

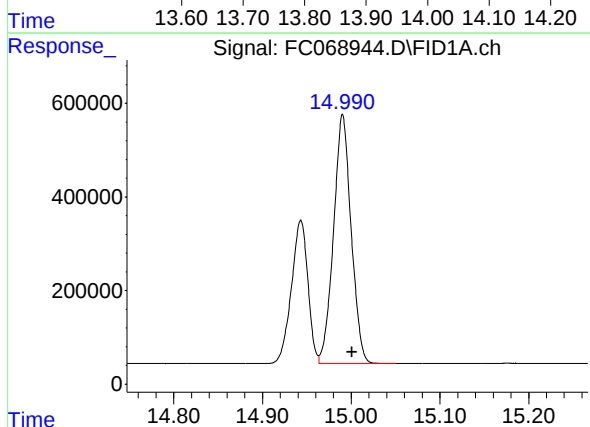
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 3544412
Conc: 44.18 ug/ml



#13 n-Docosane (C22)

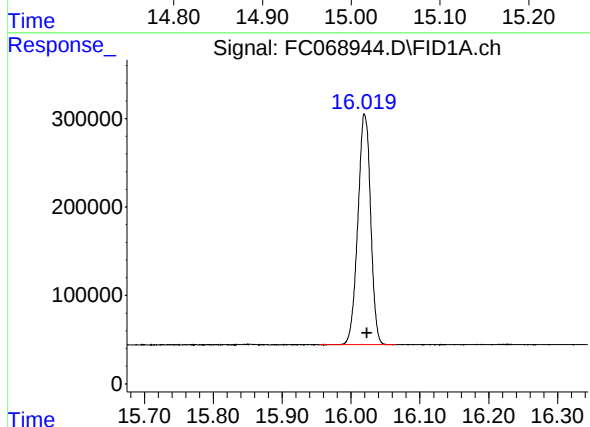
R.T.: 13.894 min
Delta R.T.: -0.003 min
Response: 3407424
Conc: 40.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168071BSD



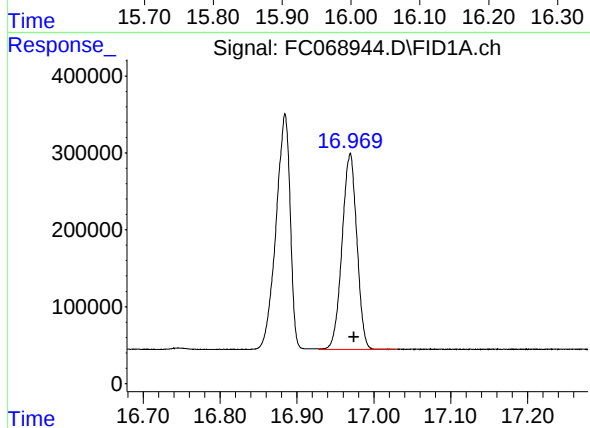
#14 n-Tetracosane (C24)

R.T.: 14.990 min
Delta R.T.: -0.010 min
Response: 7321168
Conc: 87.99 ug/ml



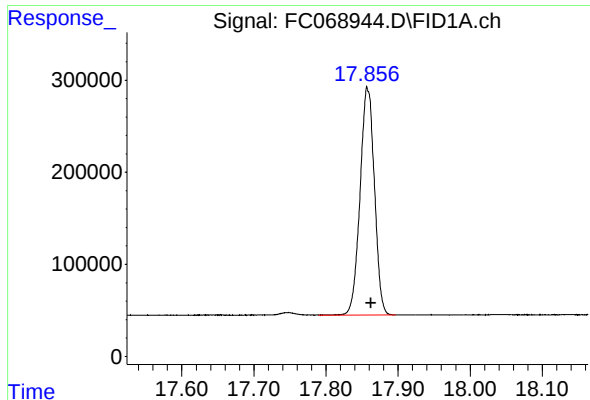
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 3364015
Conc: 40.60 ug/ml



#16 n-Octacosane (C28)

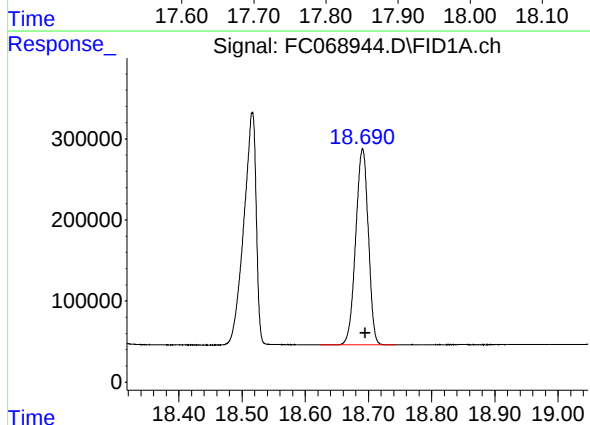
R.T.: 16.969 min
Delta R.T.: -0.005 min
Response: 3395832
Conc: 41.09 ug/ml



#17 n-Tricontane (C30)

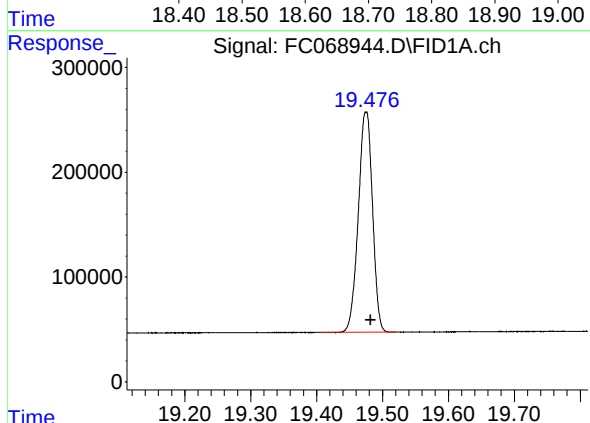
R.T.: 17.858 min
Delta R.T.: -0.005 min
Response: 3426185
Conc: 40.49 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168071BSD



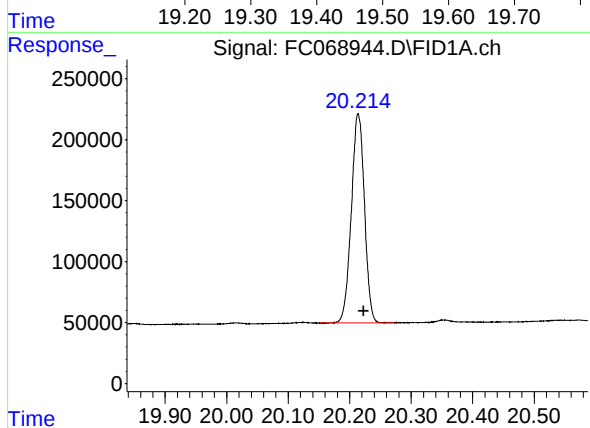
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.005 min
Response: 3347803
Conc: 38.87 ug/ml



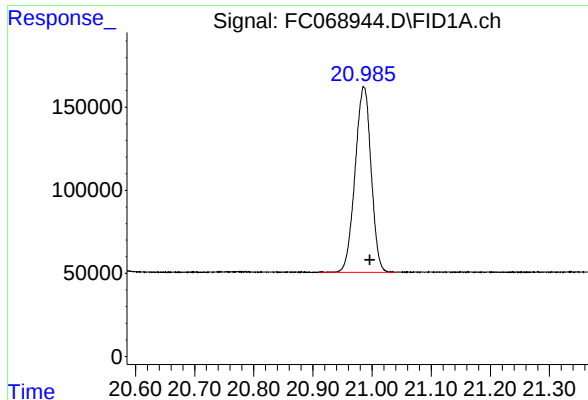
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.007 min
Response: 3148940
Conc: 36.96 ug/ml



#20 n-Hexatriacontane (C36)

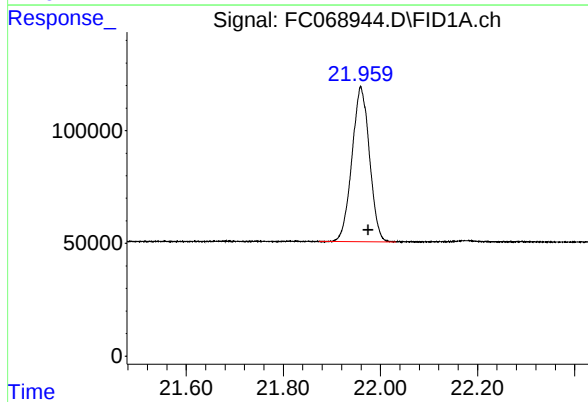
R.T.: 20.214 min
Delta R.T.: -0.008 min
Response: 2543810
Conc: 29.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.010 min
Response: 2098083
Conc: 25.01 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168071BSD



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.016 min
Response: 1720395
Conc: 20.99 ug/ml