

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068638.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 18:02
 Operator : YP/AJ
 Sample : PB167642BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167642BS

Integration File: autoint1.e
 Quant Time: Apr 19 00:25:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.722	5249377	41.224 ug/ml
Spiked Amount 50.000		Recovery =	82.45%
12) S 1-chlorooctadecane (S...	13.155	3974896	42.790 ug/ml
Spiked Amount 50.000		Recovery =	85.58%
Target Compounds			
1) T n-Nonane (C9)	3.454	3779785	35.888 ug/ml
2) T n-Decane (C10)	4.527	4022888	38.182 ug/ml
3) T A~Naphthalene (C11.7)	6.122	4777130	41.019 ug/ml
4) T n-Dodecane (C12)	6.550	4150078	39.463 ug/ml
5) T A~2-methylnaphthalene...	7.181	4416564	38.239 ug/ml
6) T n-Tetradecane (C14)	8.350	4343307	42.248 ug/ml
7) T n-Hexadecane (C16)	9.952	4422953	43.430 ug/ml
8) T n-Octadecane (C18)	11.397	4402384	43.747 ug/ml
10) T n-Eicosane (C20)	12.709	4472928	45.475 ug/ml
11) T n-Heneicosane (C21)	13.322	4275222	43.868 ug/ml
13) T n-Docosane (C22)	13.908	4244569	43.942 ug/ml
14) T n-Tetracosane (C24)	15.008	8924026	93.755 ug/ml
15) T n-Hexacosane (C26)	16.038	4152438	44.456 ug/ml
16) T n-Octacosane (C28)	16.988	4203751	45.914 ug/ml
17) T n-Tricontane (C30)	17.879	4201705	45.705 ug/ml
18) T n-Dotriacontane (C32)	18.713	4194282	45.725 ug/ml
19) T n-Tetratriacontane (C34)	19.498	4251239	47.585 ug/ml
20) T n-Hexatriacontane (C36)	20.239	4082500	45.574 ug/ml
21) T n-Octatriacontane (C38)	21.018	4019038	45.458 ug/ml
22) T n-Tetracontane (C40)	22.000	3937360	44.588 ug/ml

(f)=RT Delta > 1/2 Window

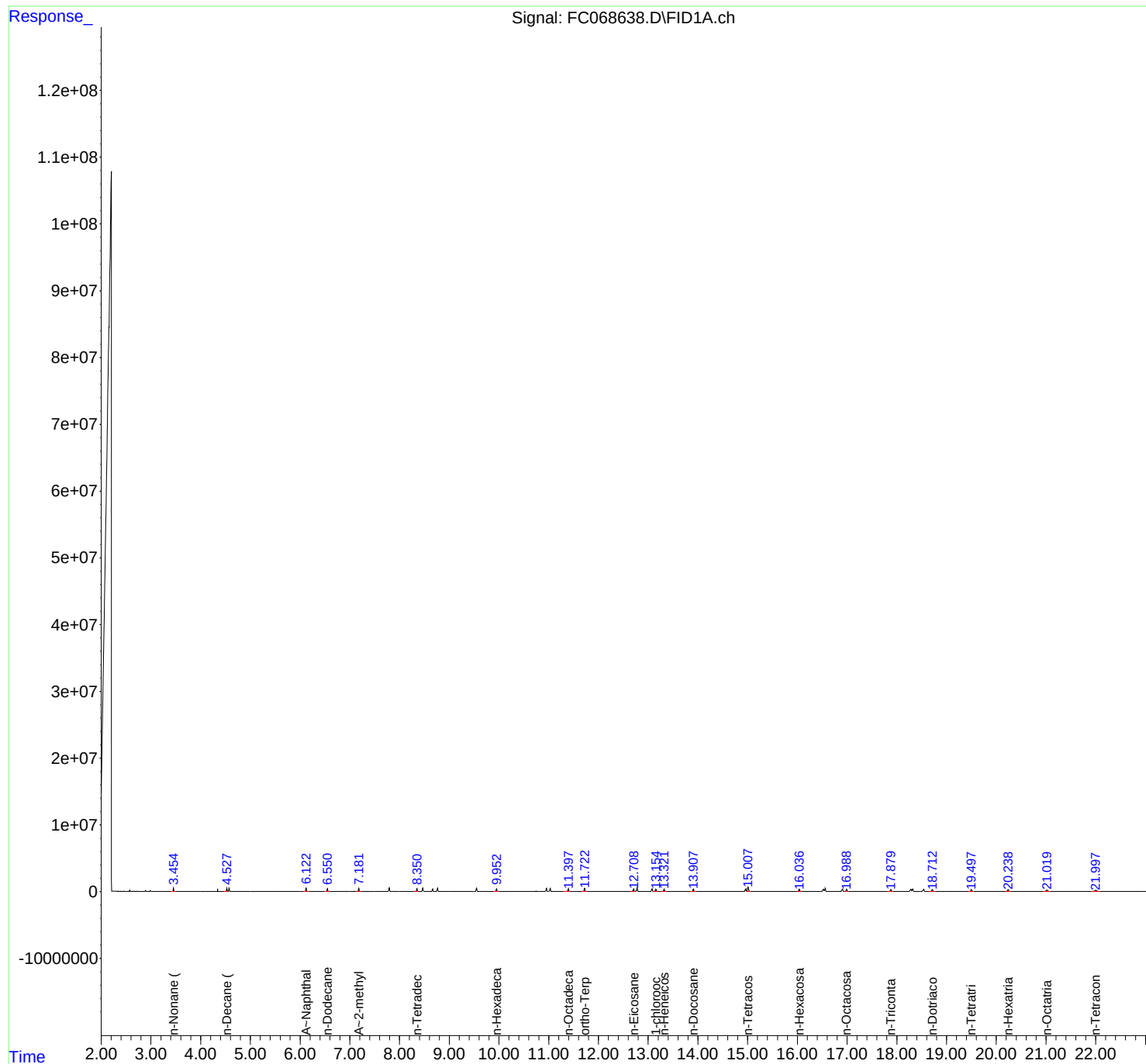
(m)=manual int.

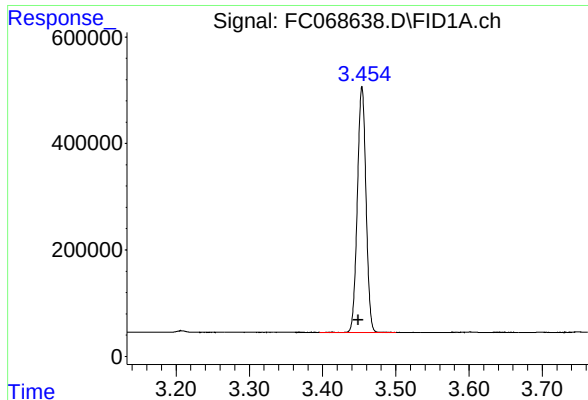
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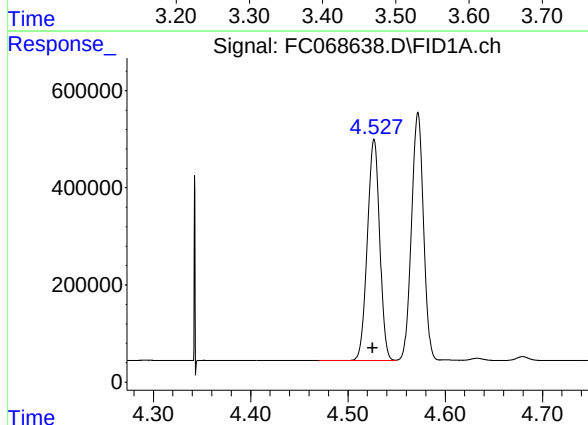




#1 n-Nonane (C9)

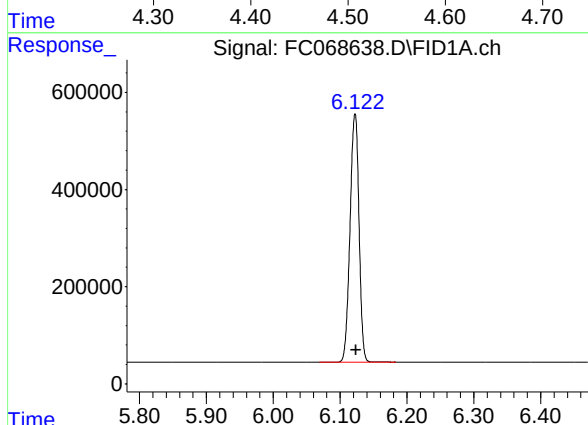
R.T.: 3.454 min
Delta R.T.: 0.005 min
Response: 3779785
Conc: 35.89 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BS



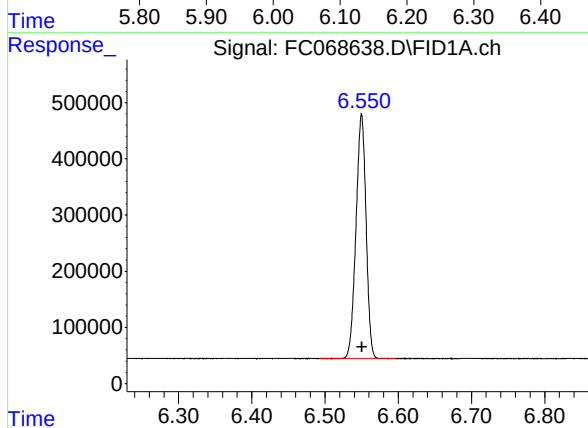
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 4022888
Conc: 38.18 ug/ml



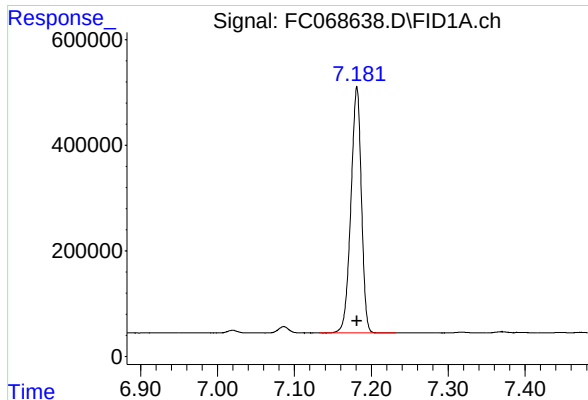
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 4777130
Conc: 41.02 ug/ml



#4 n-Dodecane (C12)

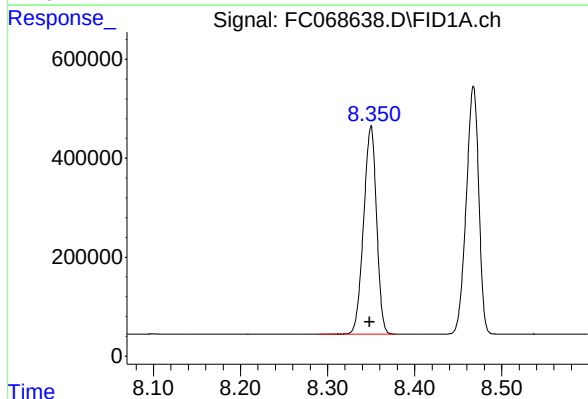
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4150078
Conc: 39.46 ug/ml



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

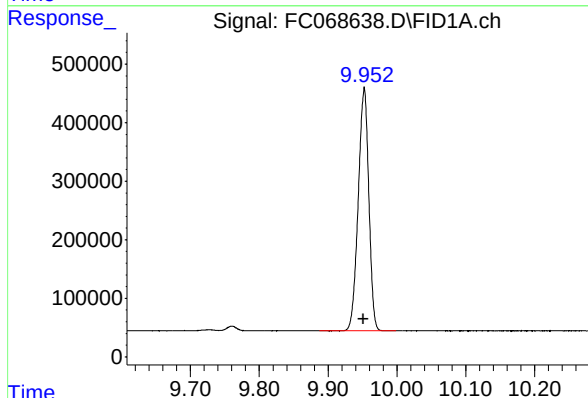
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 4416564
Conc: 38.24 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BS



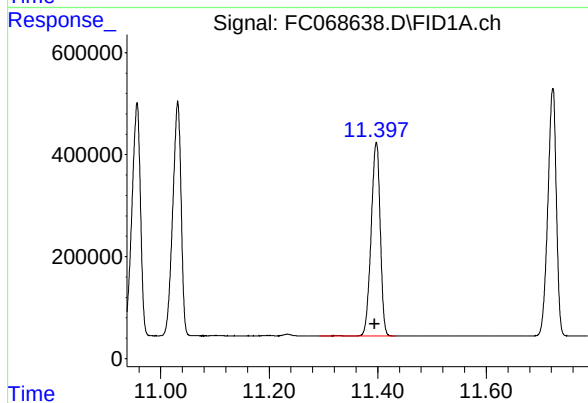
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.001 min
Response: 4343307
Conc: 42.25 ug/ml



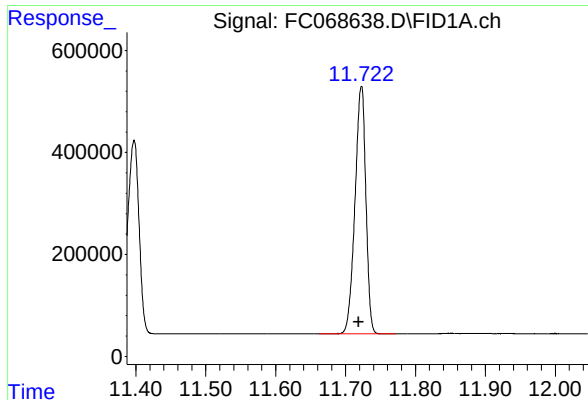
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.001 min
Response: 4422953
Conc: 43.43 ug/ml



#8 n-Octadecane (C18)

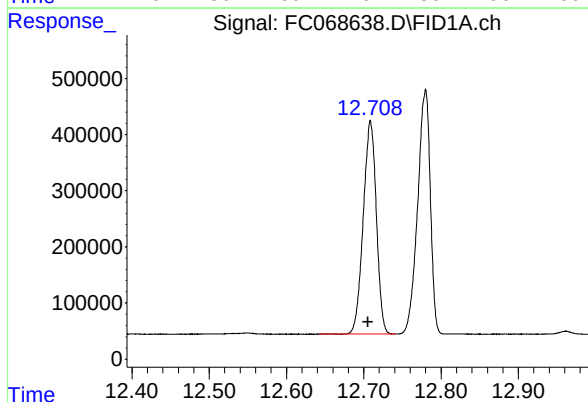
R.T.: 11.397 min
Delta R.T.: 0.002 min
Response: 4402384
Conc: 43.75 ug/ml



#9 ortho-Terphenyl (SURR)

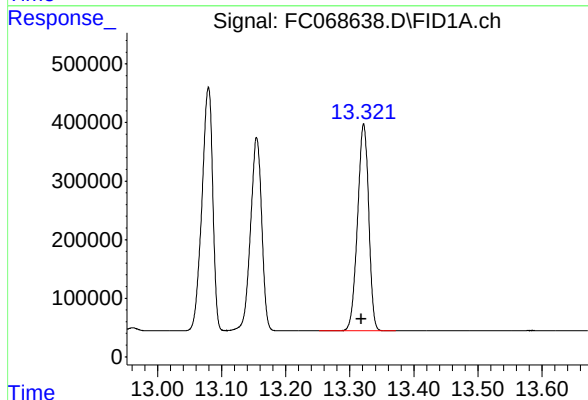
R.T.: 11.722 min
Delta R.T.: 0.004 min
Response: 5249377
Conc: 41.22 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BS



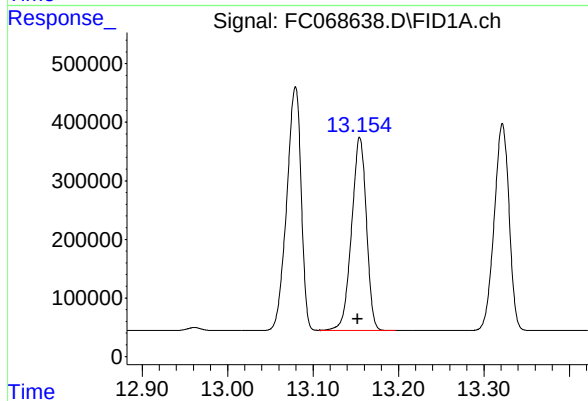
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.003 min
Response: 4472928
Conc: 45.48 ug/ml



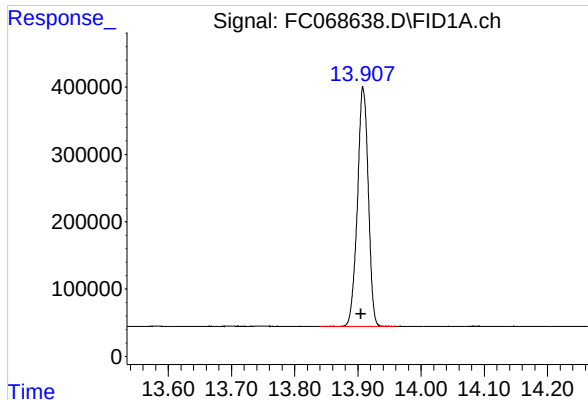
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 4275222
Conc: 43.87 ug/ml



#12 1-chlorooctadecane (SURR)

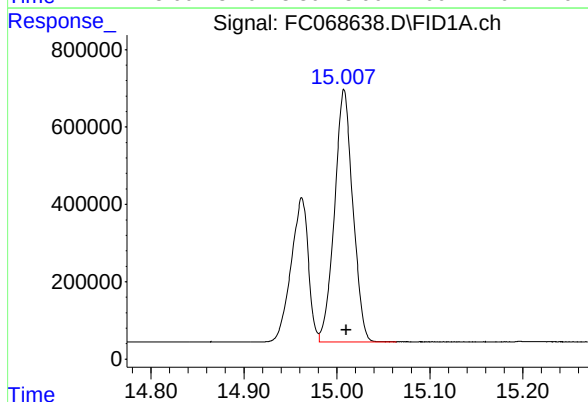
R.T.: 13.155 min
Delta R.T.: 0.003 min
Response: 3974896
Conc: 42.79 ug/ml



#13 n-Docosane (C22)

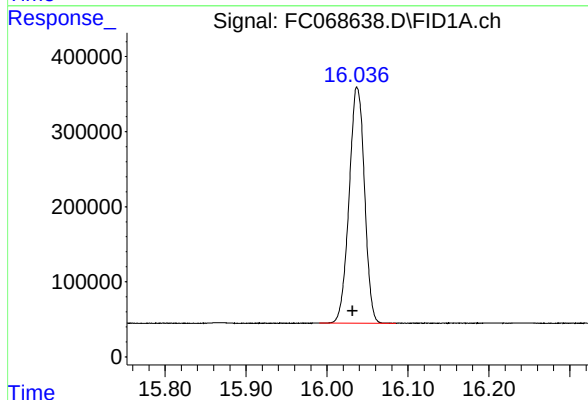
R.T.: 13.908 min
Delta R.T.: 0.003 min
Response: 4244569
Conc: 43.94 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BS



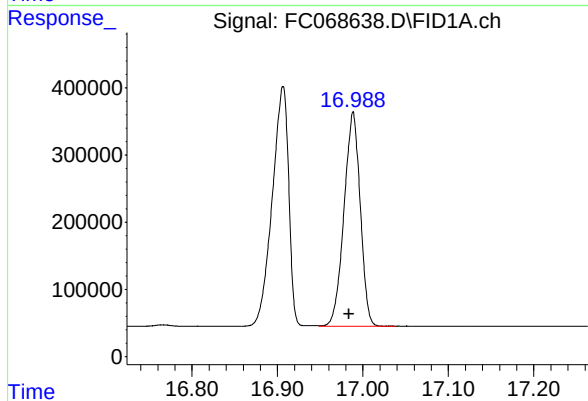
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: -0.002 min
Response: 8924026
Conc: 93.76 ug/ml



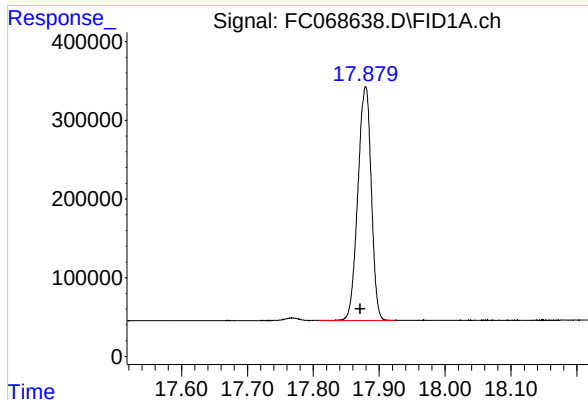
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.006 min
Response: 4152438
Conc: 44.46 ug/ml



#16 n-Octacosane (C28)

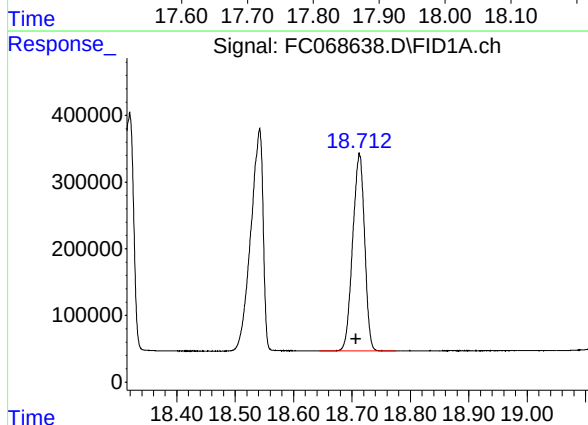
R.T.: 16.988 min
Delta R.T.: 0.005 min
Response: 4203751
Conc: 45.91 ug/ml



#17 n-Tricontane (C30)

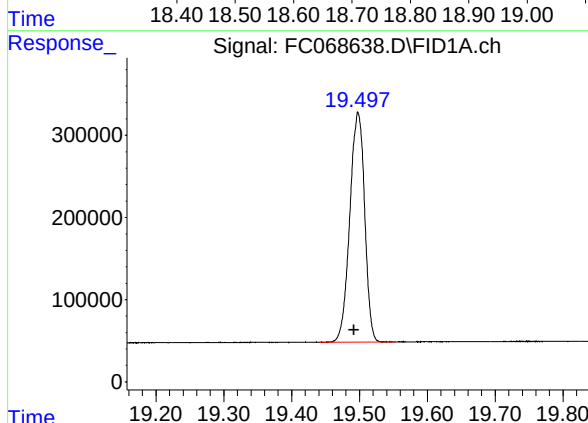
R.T.: 17.879 min
Delta R.T.: 0.008 min
Response: 4201705
Conc: 45.70 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BS



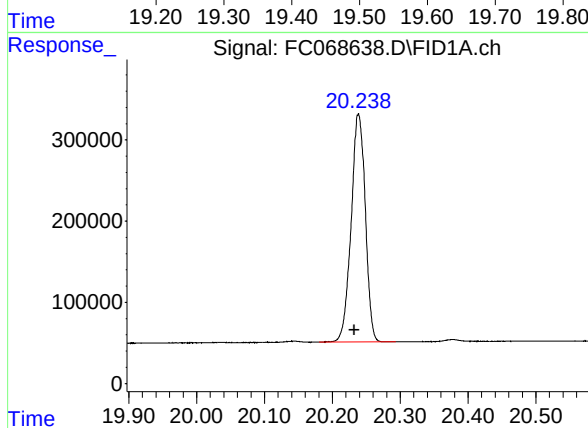
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: 0.006 min
Response: 4194282
Conc: 45.72 ug/ml



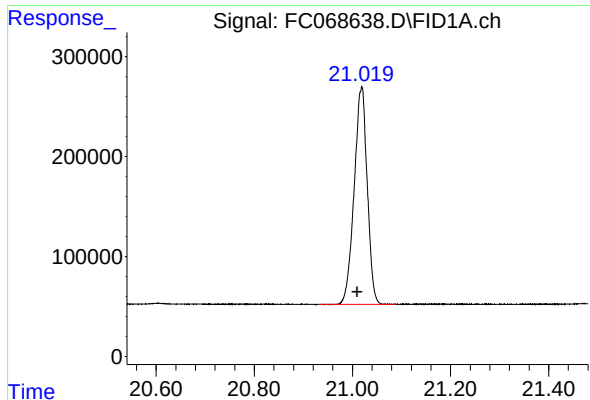
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min
Delta R.T.: 0.006 min
Response: 4251239
Conc: 47.59 ug/ml



#20 n-Hexatriacontane (C36)

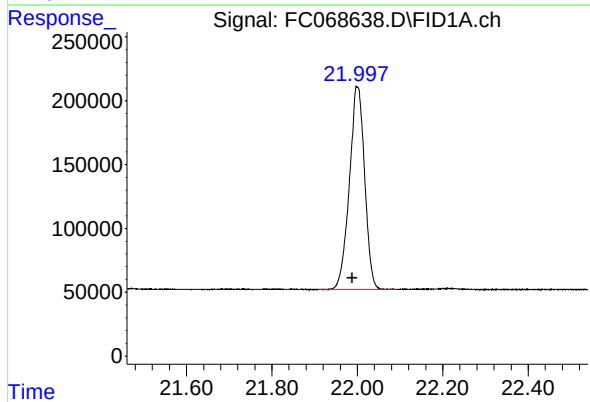
R.T.: 20.239 min
Delta R.T.: 0.006 min
Response: 4082500
Conc: 45.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min
Delta R.T.: 0.009 min
Response: 4019038
Conc: 45.46 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167642BS



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: 0.011 min
Response: 3937360
Conc: 44.59 ug/ml