

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068750.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 17:11
 Operator : YP/AJ
 Sample : PB167833BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167833BS

Integration File: sample.E
 Quant Time: May 05 11:47:33 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)	11.716	4746439	37.274 ug/ml
Spiked Amount 50.000		Recovery =	74.55%
12) S 1-chlorooctadecane (S...	13.149	3617879	38.946 ug/ml
Spiked Amount 50.000		Recovery =	77.89%
Target Compounds			
1) T n-Nonane (C9)	3.451	4183534	39.721 ug/ml
2) T n-Decane (C10)	4.525	4448055	42.218 ug/ml
3) T A~Naphthalene (C11.7)	6.119	5332662	45.789 ug/ml
4) T n-Dodecane (C12)	6.547	4612969	43.865 ug/ml
5) T A~2-methylnaphthalene...	7.177	4930620	42.690 ug/ml
6) T n-Tetradecane (C14)	8.346	4713974	45.854 ug/ml
7) T n-Hexadecane (C16)	9.948	4660594	45.763 ug/ml
8) T n-Octadecane (C18)	11.392	4602652	45.737 ug/ml
10) T n-Eicosane (C20)	12.704	4697131	47.754 ug/ml
11) T n-Heneicosane (C21)	13.316	4504471	46.220 ug/ml
13) T n-Docosane (C22)	13.904	4486199	46.443 ug/ml
14) T n-Tetracosane (C24)	15.002	9584037	100.689 ug/ml
15) T n-Hexacosane (C26)	16.033	4462728	47.778 ug/ml
16) T n-Octacosane (C28)	16.982	4556968	49.772 ug/ml
17) T n-Tricontane (C30)	17.872	4581526	49.836 ug/ml
18) T n-Dotriacontane (C32)	18.704	4590126	50.040 ug/ml
19) T n-Tetratriacontane (C34)	19.489	4662560	52.189 ug/ml
20) T n-Hexatriacontane (C36)	20.230	4484131	50.058 ug/ml
21) T n-Octatriacontane (C38)	21.006	4416902	49.958 ug/ml
22) T n-Tetracontane (C40)	21.987	4332224	49.059 ug/ml

(f)=RT Delta > 1/2 Window

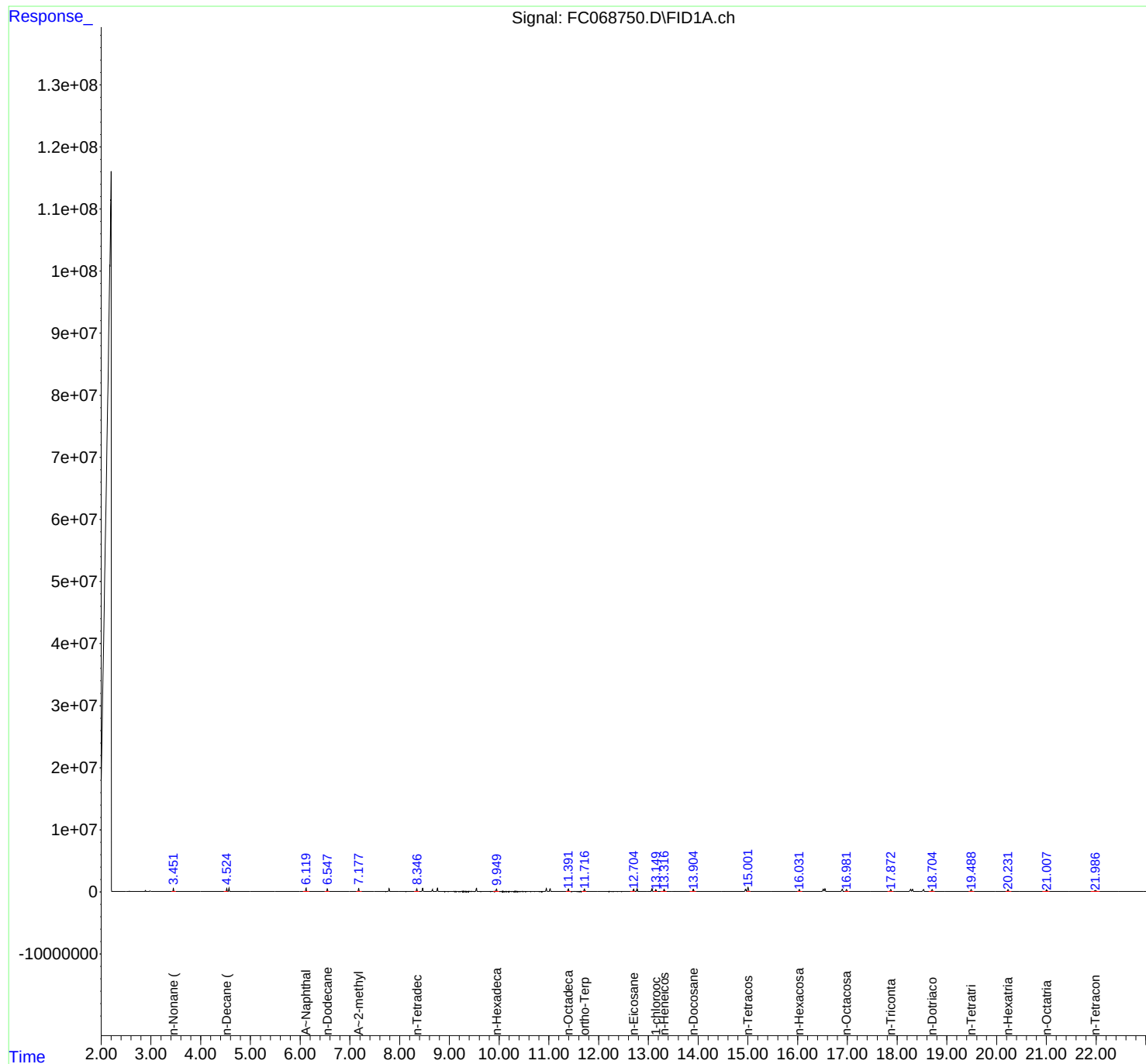
(m)=manual int.

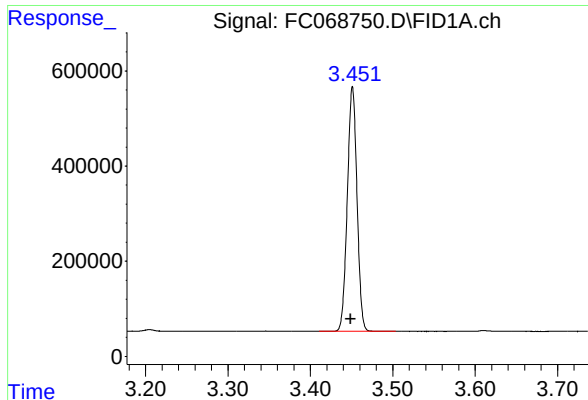
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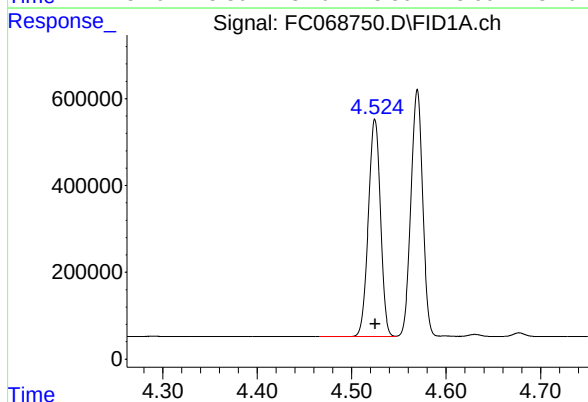




#1 n-Nonane (C9)

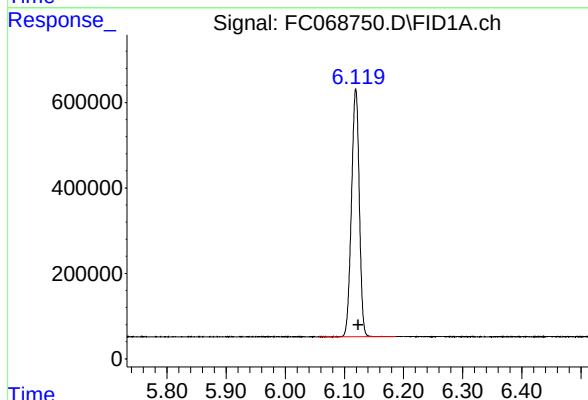
R.T.: 3.451 min
Delta R.T.: 0.002 min
Response: 4183534
Conc: 39.72 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BS



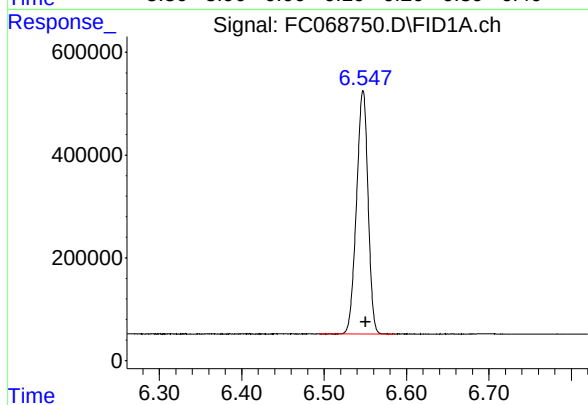
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 4448055
Conc: 42.22 ug/ml



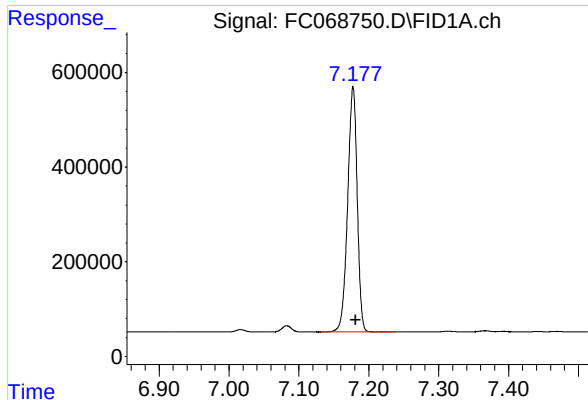
#3 A~Naphthalene (C11.7)

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 5332662
Conc: 45.79 ug/ml



#4 n-Dodecane (C12)

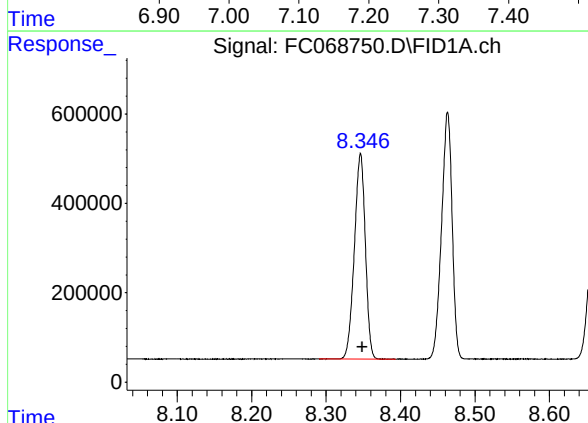
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 4612969
Conc: 43.86 ug/ml



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

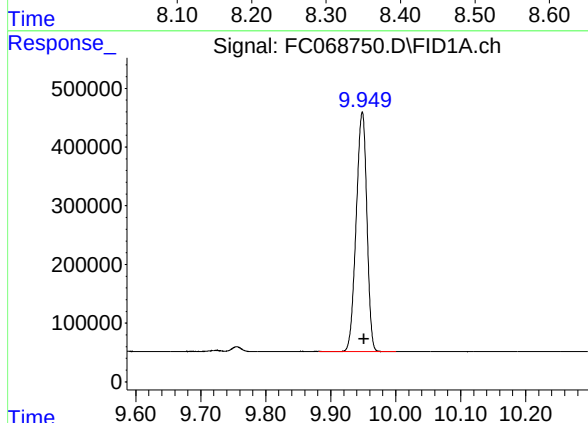
R.T.: 7.177 min
Delta R.T.: -0.004 min
Response: 4930620
Conc: 42.69 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BS



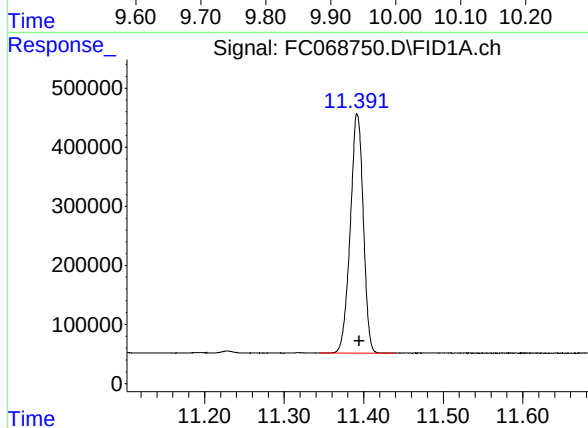
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 4713974
Conc: 45.85 ug/ml



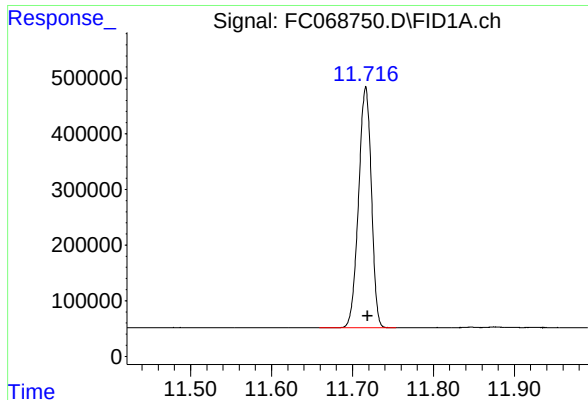
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: -0.003 min
Response: 4660594
Conc: 45.76 ug/ml



#8 n-Octadecane (C18)

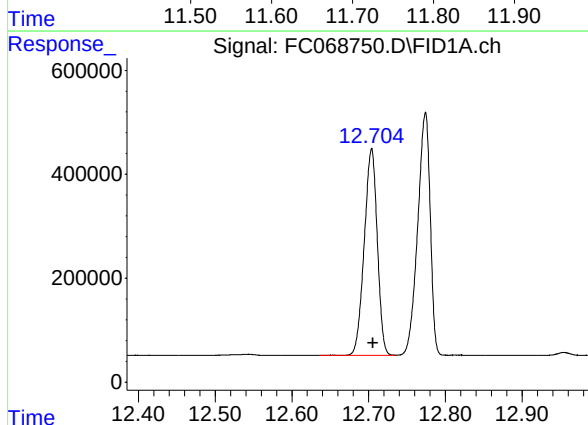
R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 4602652
Conc: 45.74 ug/ml



#9 ortho-Terphenyl (SURR)

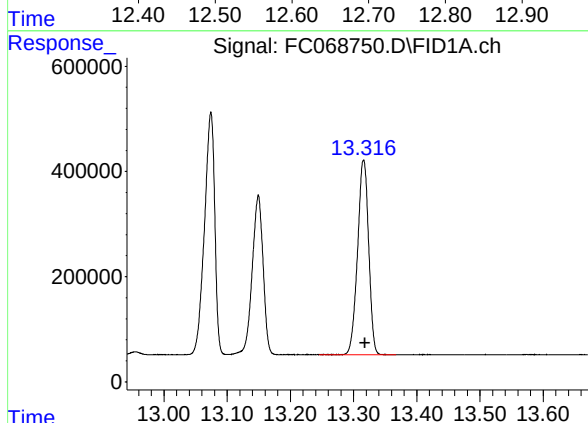
R.T.: 11.716 min
Delta R.T.: -0.003 min
Response: 4746439
Conc: 37.27 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BS



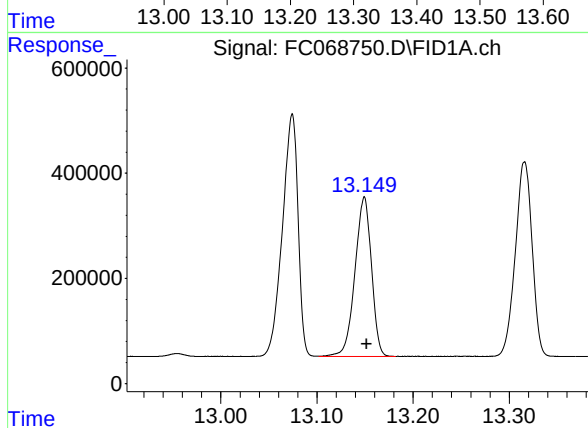
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.002 min
Response: 4697131
Conc: 47.75 ug/ml



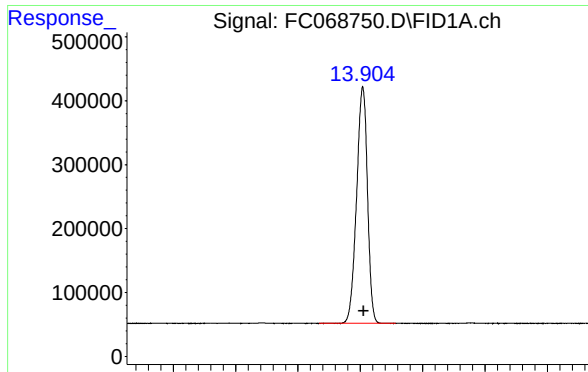
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 4504471
Conc: 46.22 ug/ml



#12 1-chlorooctadecane (SURR)

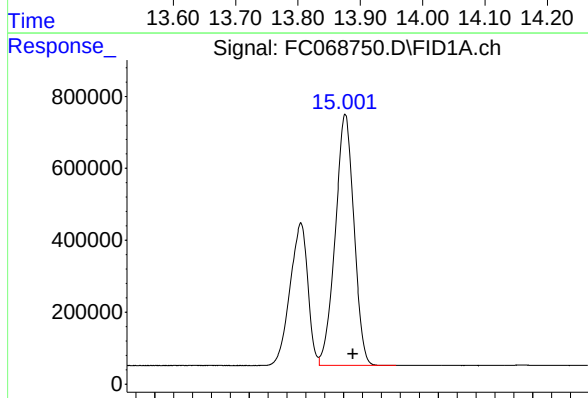
R.T.: 13.149 min
Delta R.T.: -0.003 min
Response: 3617879
Conc: 38.95 ug/ml



#13 n-Docosane (C22)

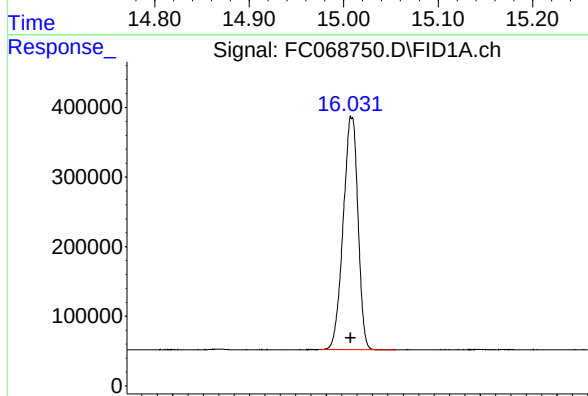
R.T.: 13.904 min
Delta R.T.: -0.001 min
Response: 4486199
Conc: 46.44 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BS



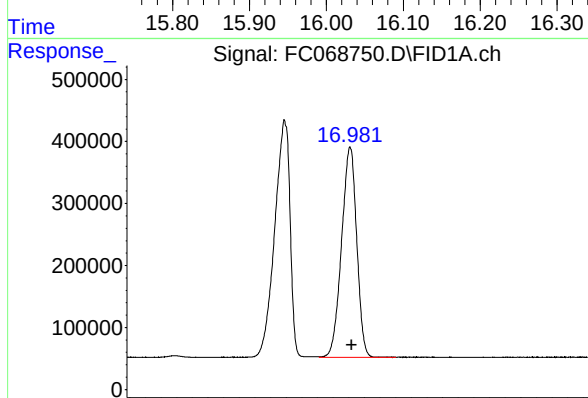
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.008 min
Response: 9584037
Conc: 100.69 ug/ml



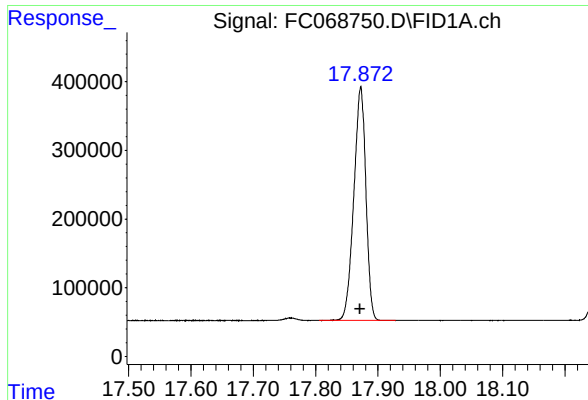
#15 n-Hexacosane (C26)

R.T.: 16.033 min
Delta R.T.: 0.000 min
Response: 4462728
Conc: 47.78 ug/ml



#16 n-Octacosane (C28)

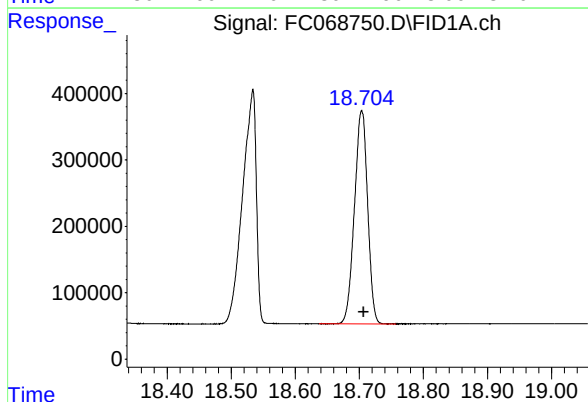
R.T.: 16.982 min
Delta R.T.: -0.002 min
Response: 4556968
Conc: 49.77 ug/ml



#17 n-Tricontane (C30)

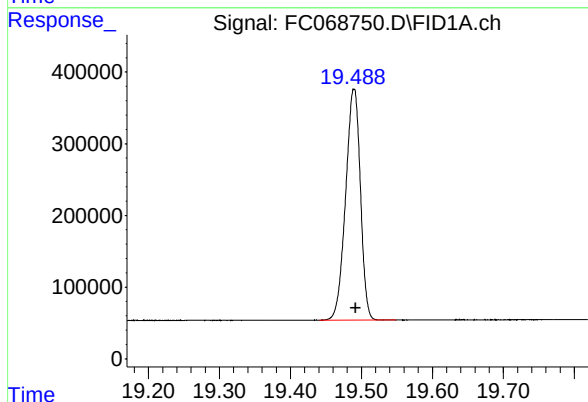
R.T.: 17.872 min
Delta R.T.: 0.000 min
Response: 4581526
Conc: 49.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BS



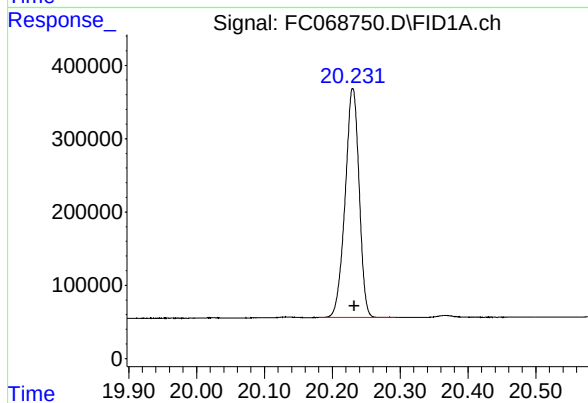
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.003 min
Response: 4590126
Conc: 50.04 ug/ml



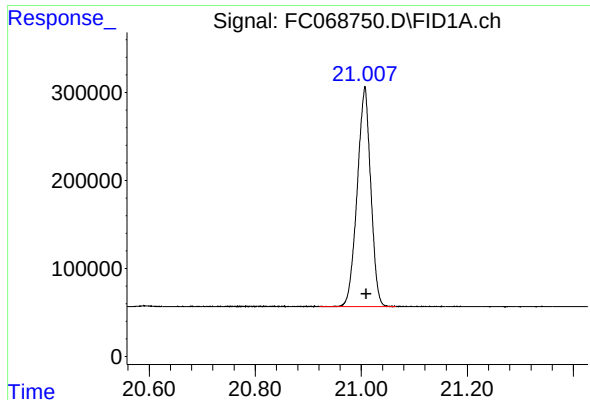
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.002 min
Response: 4662560
Conc: 52.19 ug/ml



#20 n-Hexatriacontane (C36)

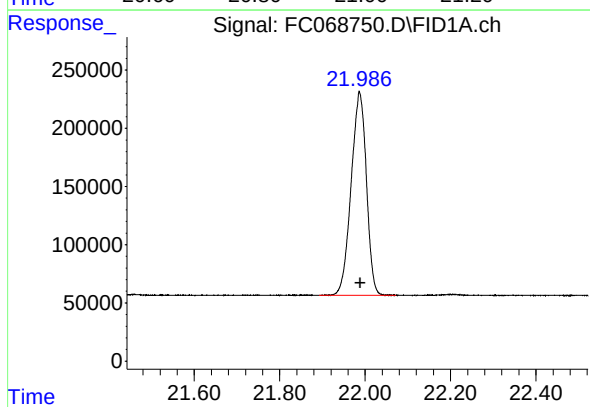
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 4484131
Conc: 50.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.003 min
Response: 4416902
Conc: 49.96 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167833BS



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.002 min
Response: 4332224
Conc: 49.06 ug/ml