

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041025AL\
 Data File : FC068527.D
 Signal(s) : FID1A.ch
 Acq On : 09 Apr 2025 15:24
 Operator : YP/AJ
 Sample : PB167528BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167528BS

Integration File: autoint1.e
 Quant Time: Apr 10 05:23:31 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)	11.717	4526962	35.551 ug/ml
Spiked Amount 50.000		Recovery =	71.10%
12) S 1-chlorooctadecane (S...	13.148	3412856	36.739 ug/ml
Spiked Amount 50.000		Recovery =	73.48%
Target Compounds			
1) T n-Nonane (C9)	3.453	4528017	42.992 ug/ml
2) T n-Decane (C10)	4.528	4720452	44.803 ug/ml
3) T A~Naphthalene (C11.7)	6.123	5295953	45.474 ug/ml
4) T n-Dodecane (C12)	6.550	4738909	45.063 ug/ml
5) T A~2-methylnaphthalene...	7.181	4793535	41.503 ug/ml
6) T n-Tetradecane (C14)	8.348	4629719	45.034 ug/ml
7) T n-Hexadecane (C16)	9.949	4642726	45.588 ug/ml
8) T n-Octadecane (C18)	11.393	4580561	45.518 ug/ml
10) T n-Eicosane (C20)	12.703	4668271	47.461 ug/ml
11) T n-Heneicosane (C21)	13.315	4473012	45.897 ug/ml
13) T n-Docosane (C22)	13.903	4430949	45.871 ug/ml
14) T n-Tetracosane (C24)	14.999	9103174	95.637 ug/ml
15) T n-Hexacosane (C26)	16.029	4323853	46.292 ug/ml
16) T n-Octacosane (C28)	16.979	4332074	47.315 ug/ml
17) T n-Tricontane (C30)	17.869	4291965	46.686 ug/ml
18) T n-Dotriacontane (C32)	18.703	4261287	46.455 ug/ml
19) T n-Tetratriacontane (C34)	19.488	4339770	48.576 ug/ml
20) T n-Hexatriacontane (C36)	20.230	4307284	48.084 ug/ml
21) T n-Octatriacontane (C38)	21.007	4604561	52.081 ug/ml
22) T n-Tetracontane (C40)	21.988	4799410	54.350 ug/ml

(f)=RT Delta > 1/2 Window

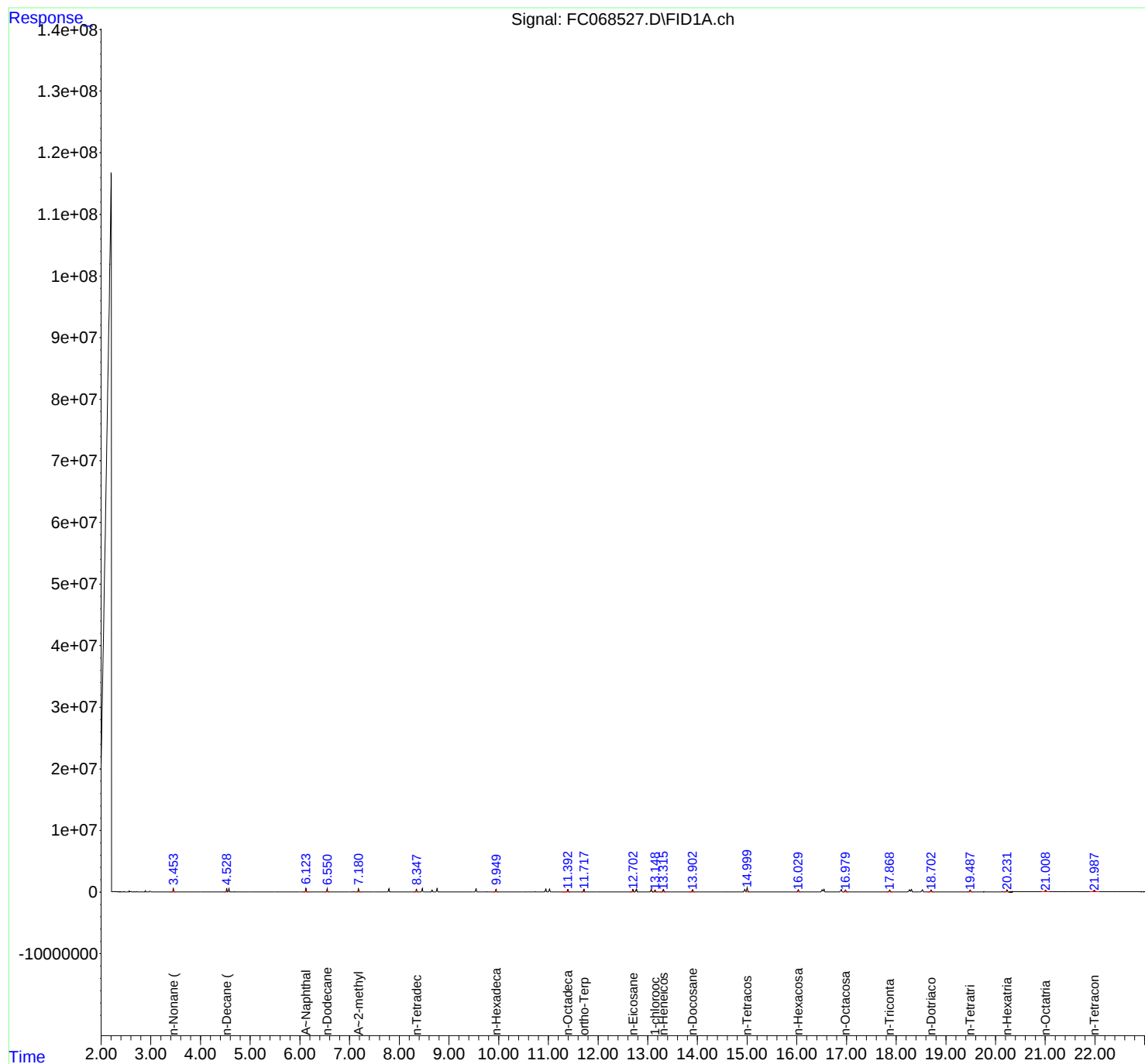
(m)=manual int.

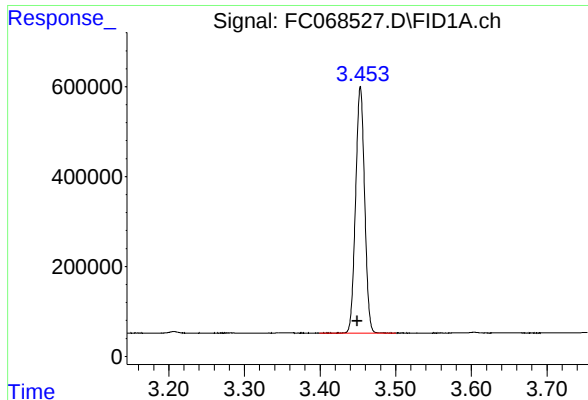
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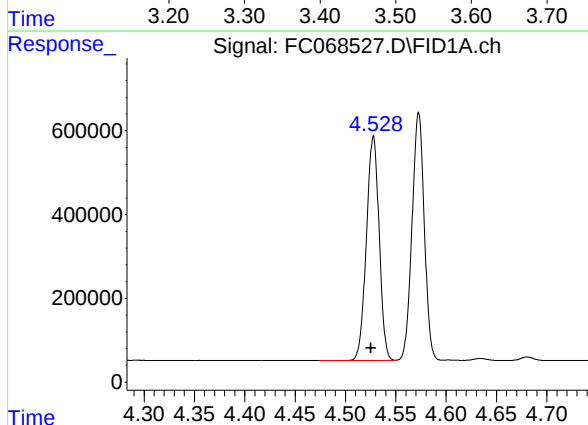




#1 n-Nonane (C9)

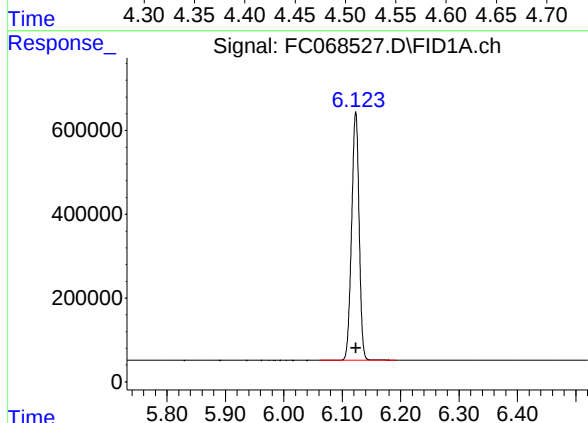
R.T.: 3.453 min
Delta R.T.: 0.004 min
Response: 4528017
Conc: 42.99 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BS



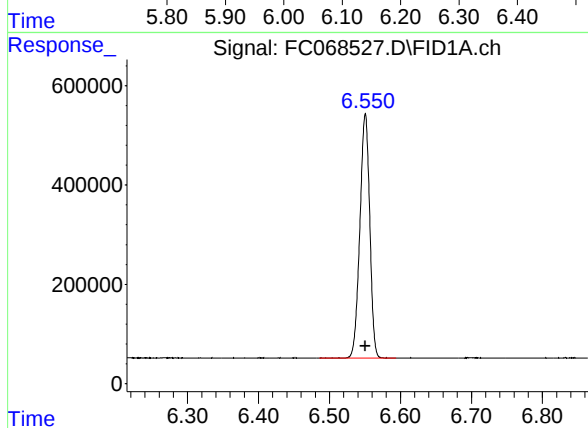
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 4720452
Conc: 44.80 ug/ml



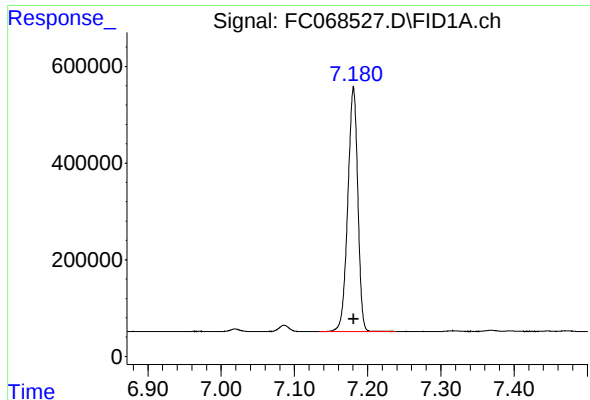
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 5295953
Conc: 45.47 ug/ml



#4 n-Dodecane (C12)

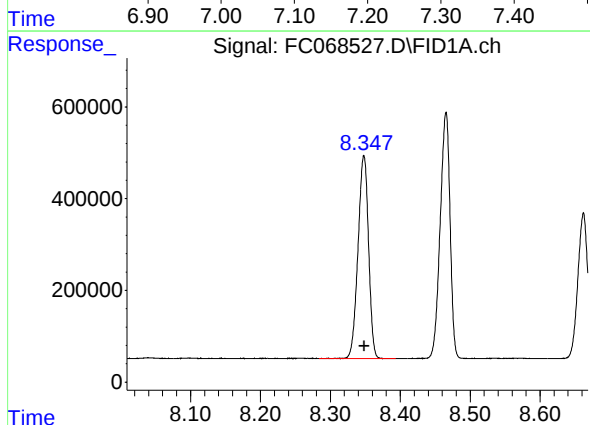
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4738909
Conc: 45.06 ug/ml



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

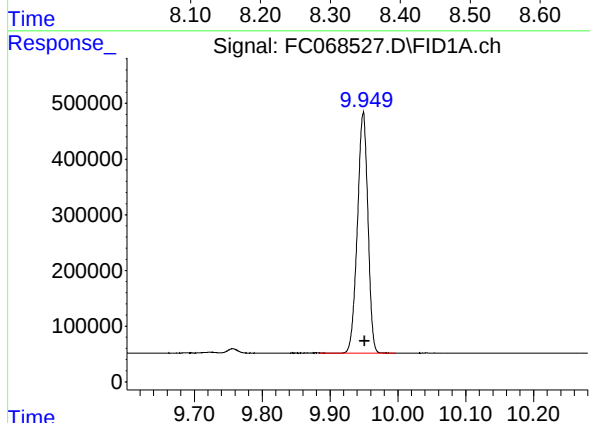
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 4793535
Conc: 41.50 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BS



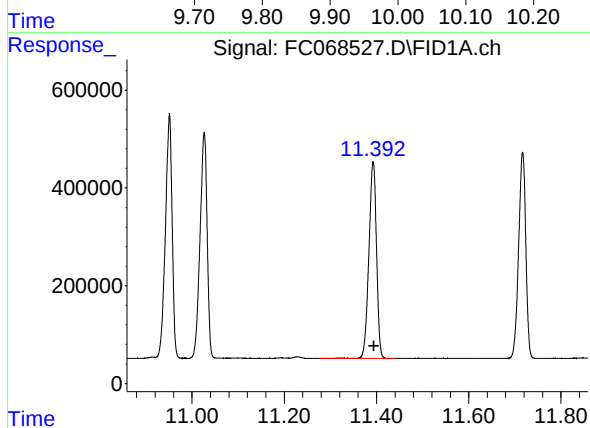
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 4629719
Conc: 45.03 ug/ml



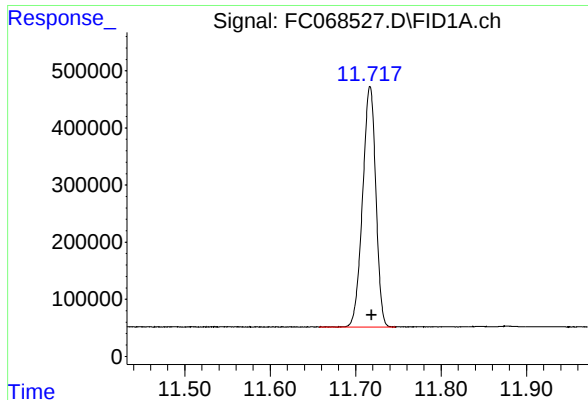
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 4642726
Conc: 45.59 ug/ml



#8 n-Octadecane (C18)

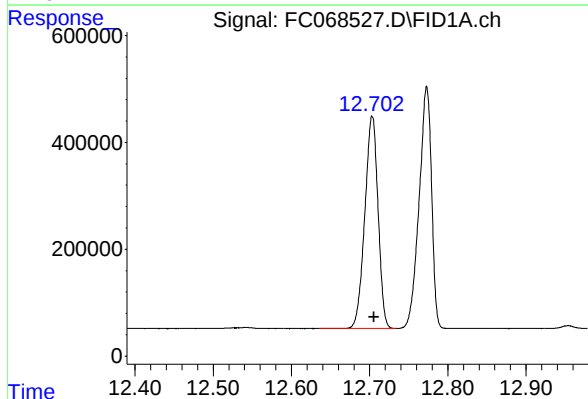
R.T.: 11.393 min
Delta R.T.: -0.002 min
Response: 4580561
Conc: 45.52 ug/ml



#9 ortho-Terphenyl (SURR)

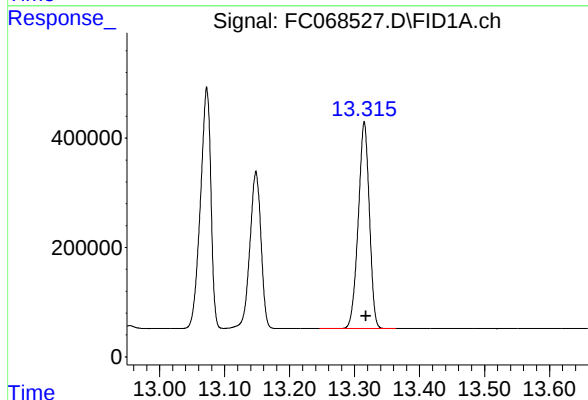
R.T.: 11.717 min
Delta R.T.: -0.002 min
Response: 4526962
Conc: 35.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BS



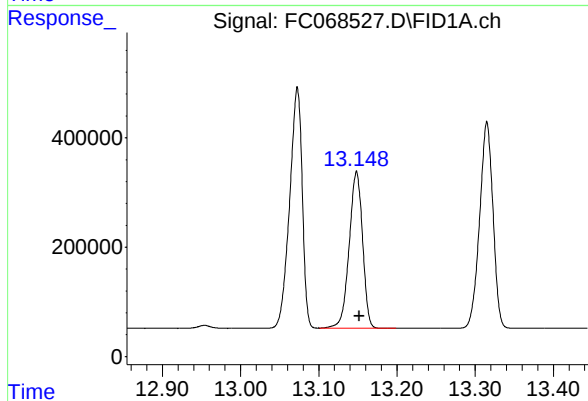
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.002 min
Response: 4668271
Conc: 47.46 ug/ml



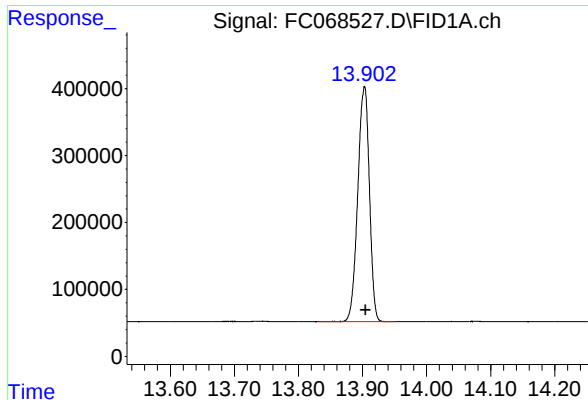
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.003 min
Response: 4473012
Conc: 45.90 ug/ml



#12 1-chlorooctadecane (SURR)

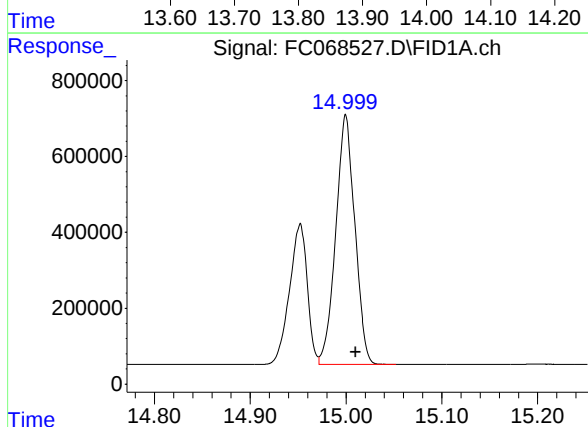
R.T.: 13.148 min
Delta R.T.: -0.004 min
Response: 3412856
Conc: 36.74 ug/ml



#13 n-Docosane (C22)

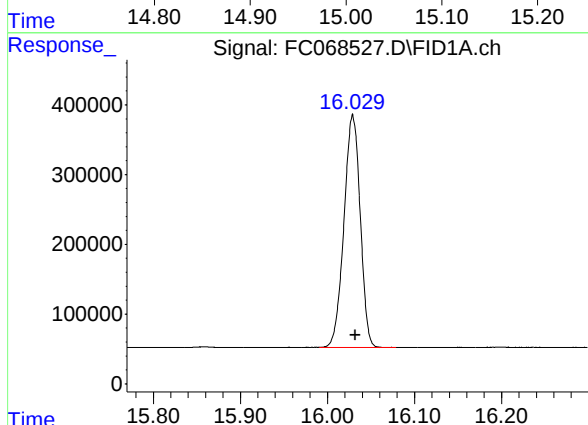
R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 4430949
Conc: 45.87 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BS



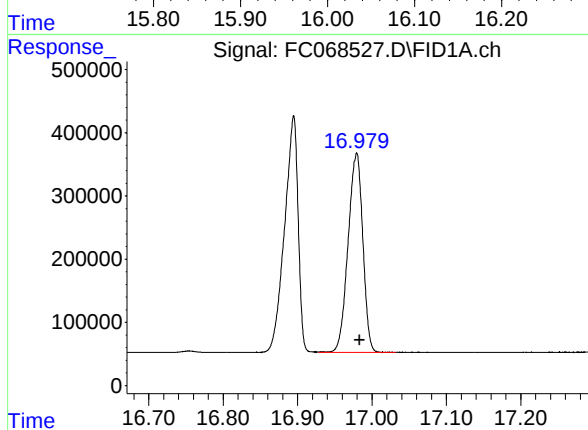
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.011 min
Response: 9103174
Conc: 95.64 ug/ml



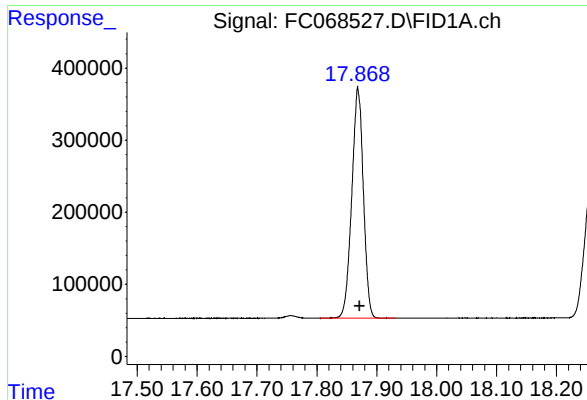
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: -0.003 min
Response: 4323853
Conc: 46.29 ug/ml



#16 n-Octacosane (C28)

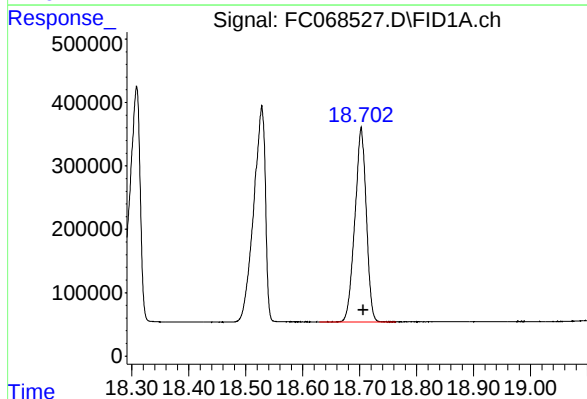
R.T.: 16.979 min
Delta R.T.: -0.005 min
Response: 4332074
Conc: 47.32 ug/ml



#17 n-Tricontane (C30)

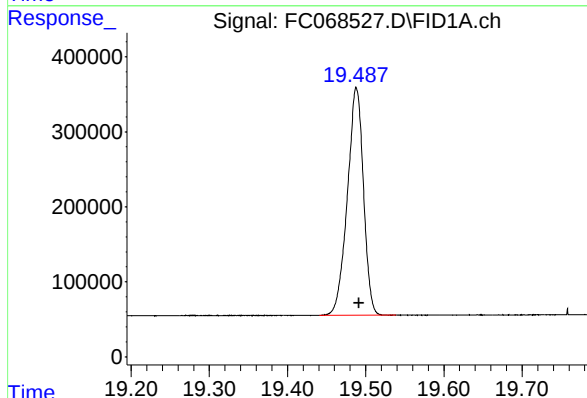
R.T.: 17.869 min
Delta R.T.: -0.003 min
Response: 4291965
Conc: 46.69 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BS



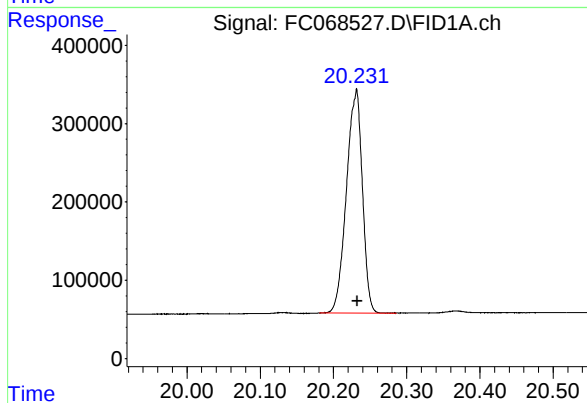
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: -0.004 min
Response: 4261287
Conc: 46.46 ug/ml



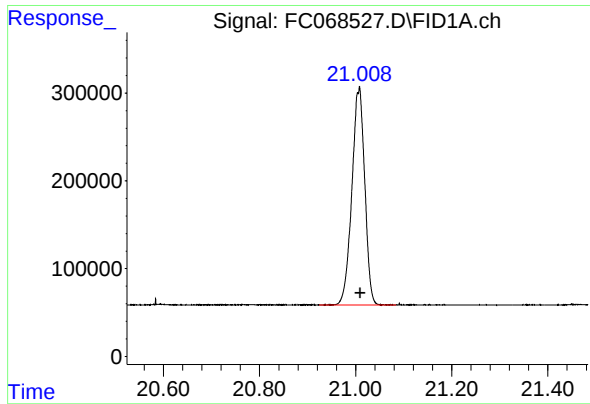
#19 n-Tetatriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.003 min
Response: 4339770
Conc: 48.58 ug/ml



#20 n-Hexatriacontane (C36)

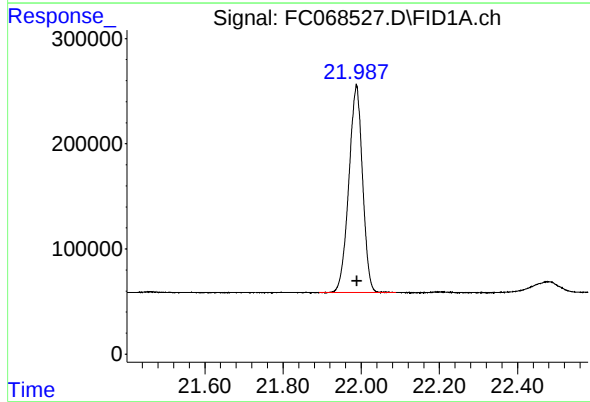
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 4307284
Conc: 48.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.007 min
Delta R.T.: -0.003 min
Response: 4604561
Conc: 52.08 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167528BS



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.001 min
Response: 4799410
Conc: 54.35 ug/ml