

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041225AL\
 Data File : FC068580.D
 Signal(s) : FID1A.ch
 Acq On : 11 Apr 2025 15:15
 Operator : YP/AJ
 Sample : PB167562BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167562BSD

Integration File: autoint1.e
 Quant Time: Apr 11 22:37:05 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)	11.714	4177733	32.808 ug/ml
Spiked Amount 50.000		Recovery =	65.62%
12) S 1-chlorooctadecane (S...	13.145	3077991	33.134 ug/ml
Spiked Amount 50.000		Recovery =	66.27%
Target Compounds			
1) T n-Nonane (C9)	3.454	4757336	45.169 ug/ml
2) T n-Decane (C10)	4.525	5000854	47.465 ug/ml
3) T A~Naphthalene (C11.7)	6.119	5604914	48.127 ug/ml
4) T n-Dodecane (C12)	6.546	4971755	47.277 ug/ml
5) T A~2-methylnaphthalene...	7.176	5035606	43.599 ug/ml
6) T n-Tetradecane (C14)	8.345	4760297	46.305 ug/ml
7) T n-Hexadecane (C16)	9.946	4657703	45.735 ug/ml
8) T n-Octadecane (C18)	11.389	4504896	44.766 ug/ml
10) T n-Eicosane (C20)	12.700	4549985	46.258 ug/ml
11) T n-Heneicosane (C21)	13.312	4350055	44.636 ug/ml
13) T n-Docosane (C22)	13.900	4303780	44.555 ug/ml
14) T n-Tetracosane (C24)	14.997	9193892	96.590 ug/ml
15) T n-Hexacosane (C26)	16.028	4228607	45.272 ug/ml
16) T n-Octacosane (C28)	16.980	4289312	46.848 ug/ml
17) T n-Tricontane (C30)	17.871	4283871	46.598 ug/ml
18) T n-Dotriacontane (C32)	18.703	4275773	46.613 ug/ml
19) T n-Tetratriacontane (C34)	19.489	4317183	48.323 ug/ml
20) T n-Hexatriacontane (C36)	20.229	4152370	46.354 ug/ml
21) T n-Octatriacontane (C38)	21.006	4152872	46.972 ug/ml
22) T n-Tetracontane (C40)	21.987	3985951	45.138 ug/ml

(f)=RT Delta > 1/2 Window

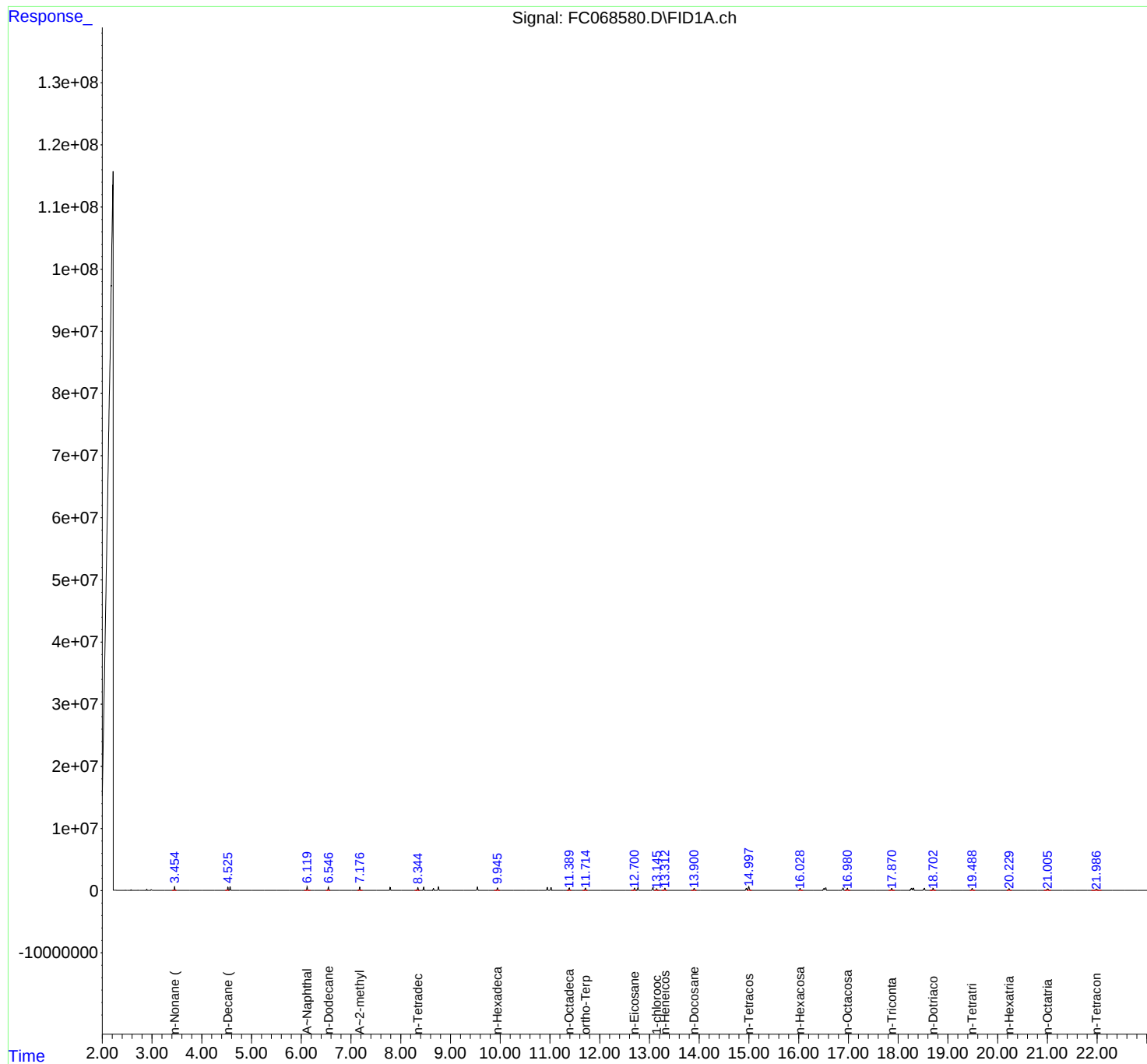
(m)=manual int.

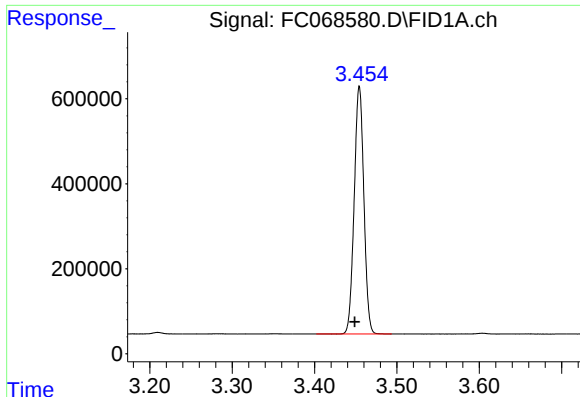
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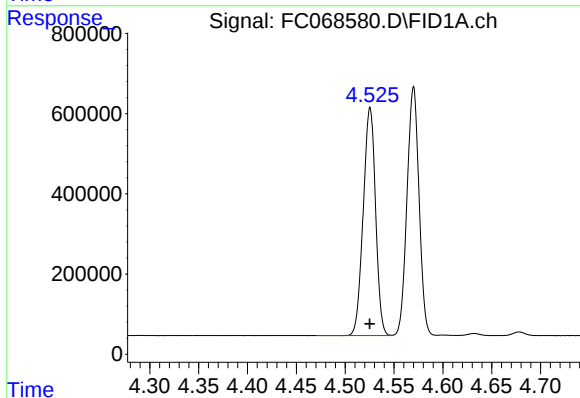




#1 n-Nonane (C9)

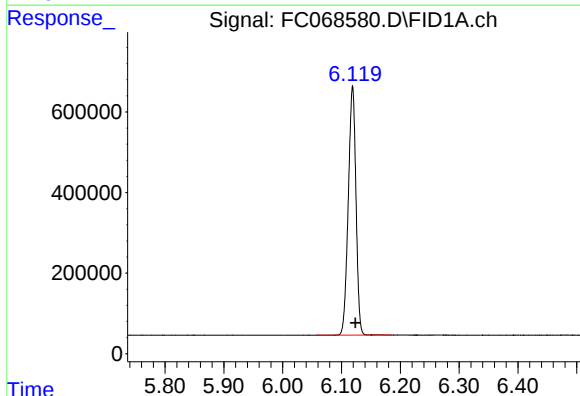
R.T.: 3.454 min
Delta R.T.: 0.005 min
Response: 4757336
Conc: 45.17 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167562BSD



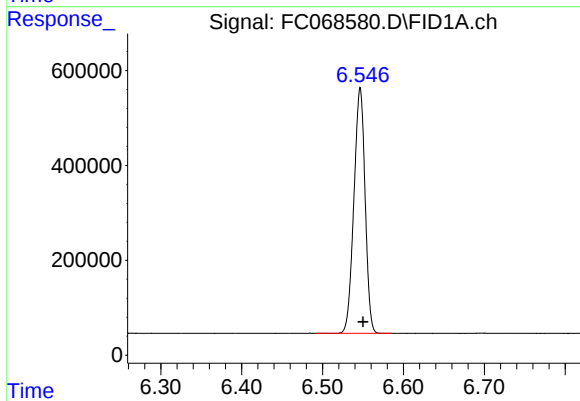
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 5000854
Conc: 47.46 ug/ml



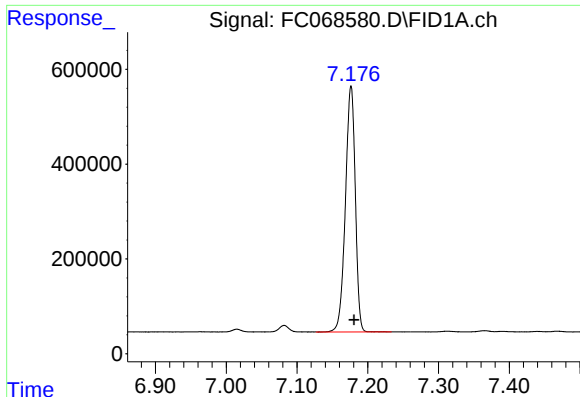
#3 A~Naphthalene (C11.7)

R.T.: 6.119 min
Delta R.T.: -0.005 min
Response: 5604914
Conc: 48.13 ug/ml



#4 n-Dodecane (C12)

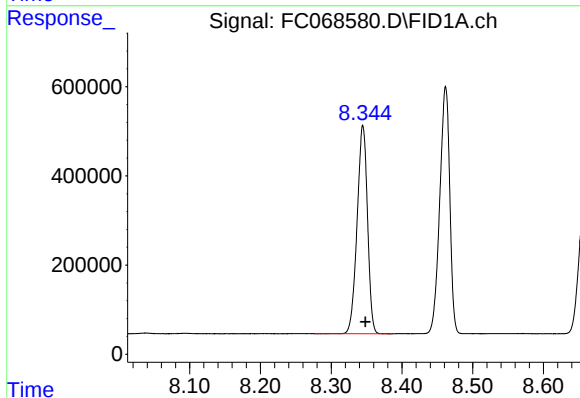
R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 4971755
Conc: 47.28 ug/ml



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

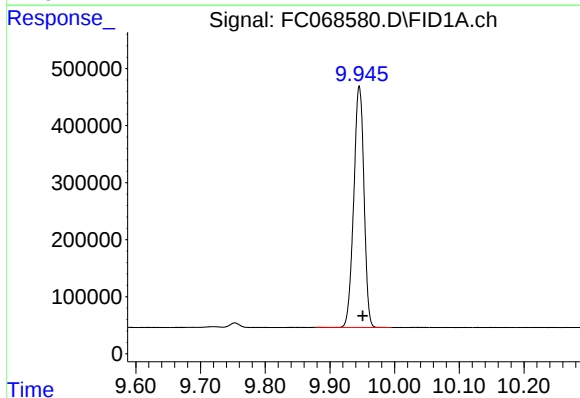
R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 5035606
Conc: 43.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167562BSD



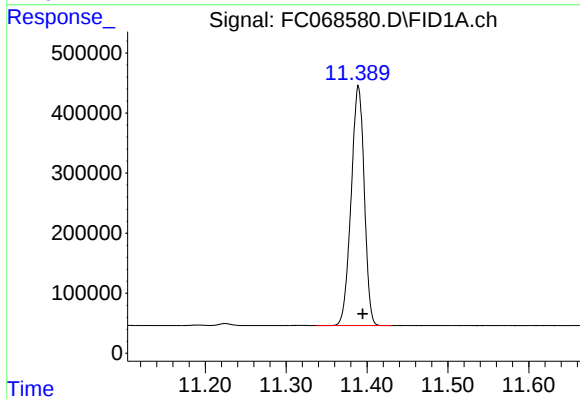
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 4760297
Conc: 46.30 ug/ml



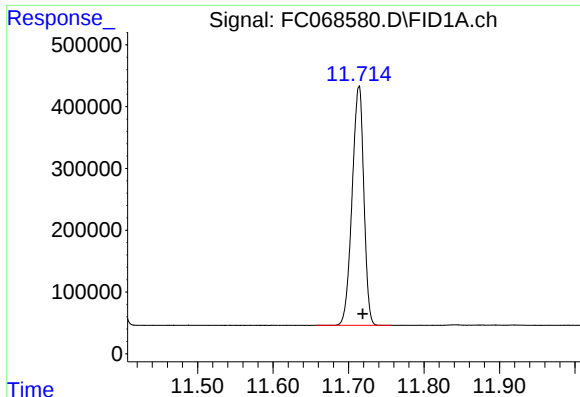
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 4657703
Conc: 45.74 ug/ml



#8 n-Octadecane (C18)

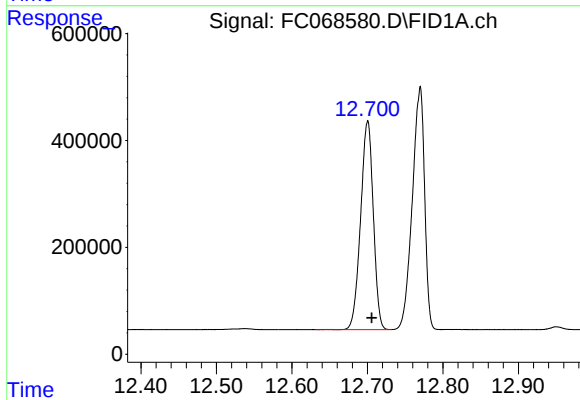
R.T.: 11.389 min
Delta R.T.: -0.005 min
Response: 4504896
Conc: 44.77 ug/ml



#9 ortho-Terphenyl (SURR)

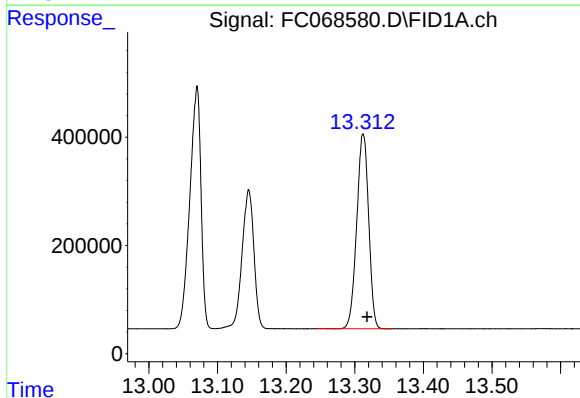
R.T.: 11.714 min
Delta R.T.: -0.005 min
Response: 4177733
Conc: 32.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167562BSD



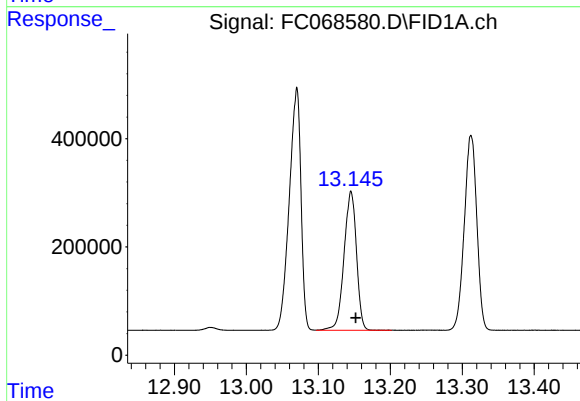
#10 n-Eicosane (C20)

R.T.: 12.700 min
Delta R.T.: -0.005 min
Response: 4549985
Conc: 46.26 ug/ml



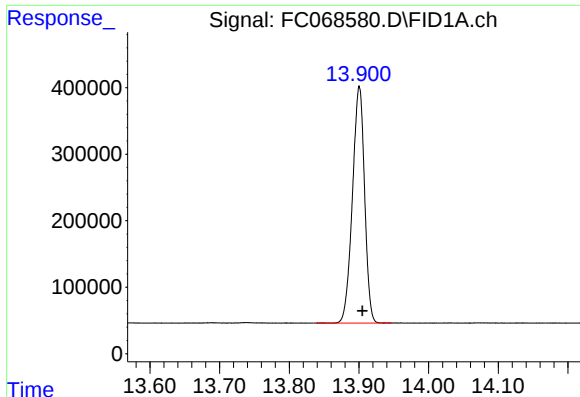
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.005 min
Response: 4350055
Conc: 44.64 ug/ml



#12 1-chlorooctadecane (SURR)

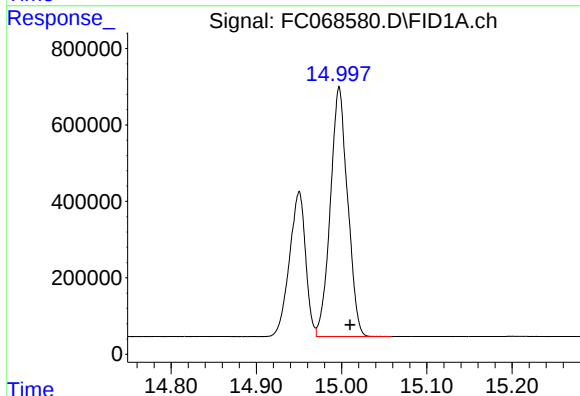
R.T.: 13.145 min
Delta R.T.: -0.007 min
Response: 3077991
Conc: 33.13 ug/ml



#13 n-Docosane (C22)

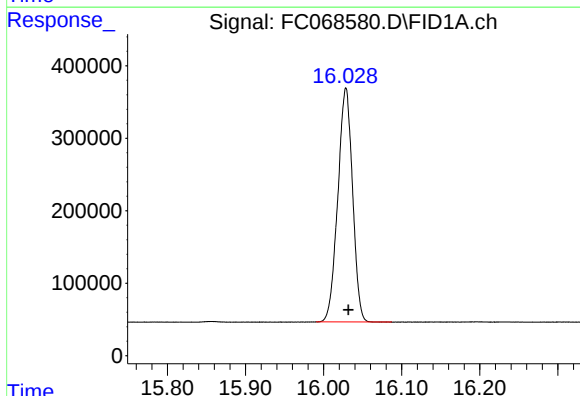
R.T.: 13.900 min
Delta R.T.: -0.005 min
Response: 4303780
Conc: 44.55 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167562BSD



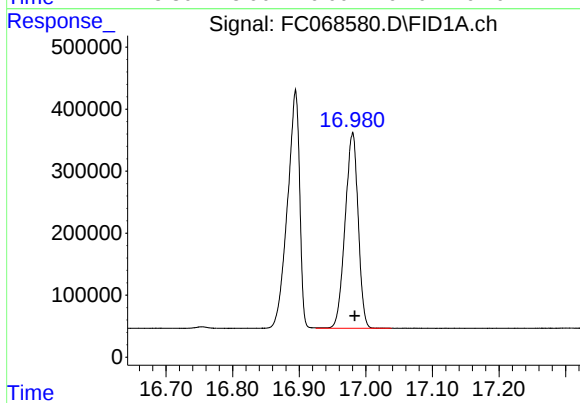
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.013 min
Response: 9193892
Conc: 96.59 ug/ml



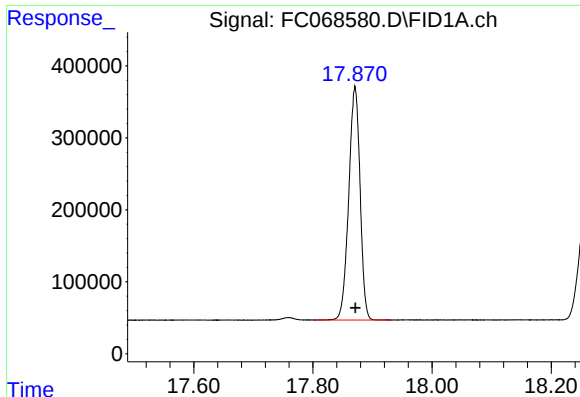
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: -0.003 min
Response: 4228607
Conc: 45.27 ug/ml



#16 n-Octacosane (C28)

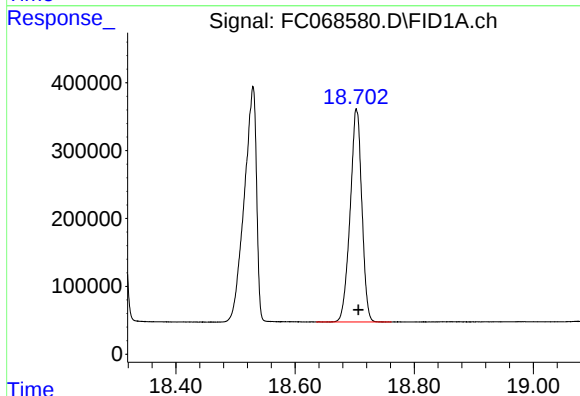
R.T.: 16.980 min
Delta R.T.: -0.004 min
Response: 4289312
Conc: 46.85 ug/ml



#17 n-Tricontane (C30)

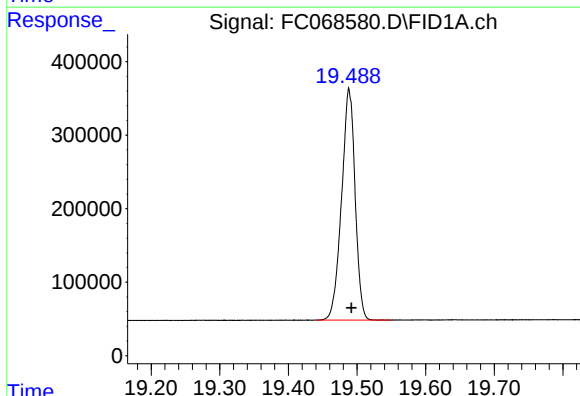
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4283871
Conc: 46.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167562BSD



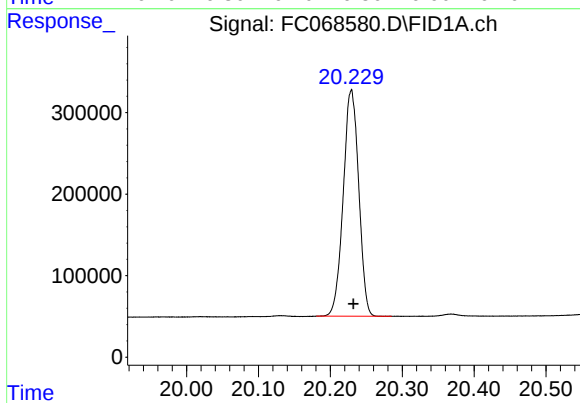
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: -0.003 min
Response: 4275773
Conc: 46.61 ug/ml



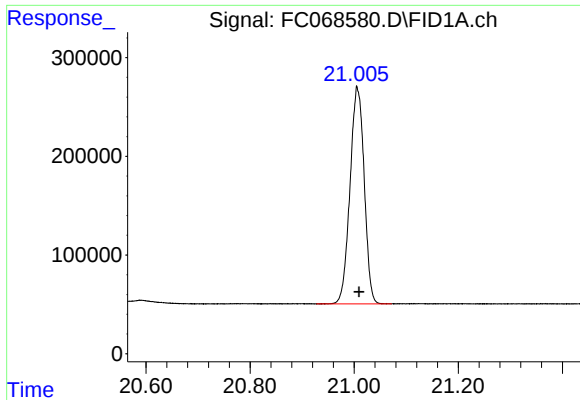
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: -0.003 min
Response: 4317183
Conc: 48.32 ug/ml



#20 n-Hexatriacontane (C36)

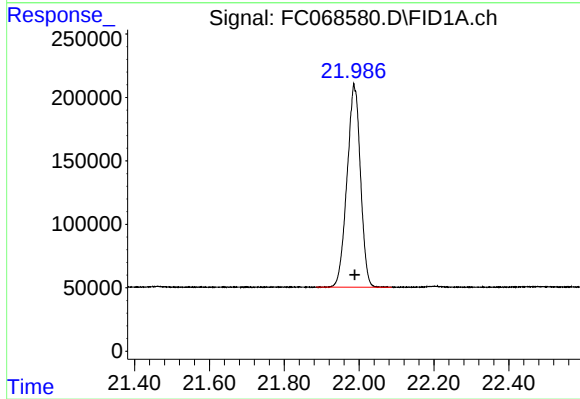
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 4152370
Conc: 46.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.003 min
Response: 4152872
Conc: 46.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167562BSD



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: -0.002 min
Response: 3985951
Conc: 45.14 ug/ml