

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051525AL\
 Data File : FC068888.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 16:43
 Operator : YP/AJ
 Sample : PB168018BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168018BSD

Integration File: autoint1.e
 Quant Time: May 16 08:01:11 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	4956127	43.422 ug/ml
Spiked Amount 50.000		Recovery =	86.84%
12) S 1-chlorooctadecane (S...	13.141	3810759	47.500 ug/ml
Spiked Amount 50.000		Recovery =	95.00%
Target Compounds			
1) T n-Nonane (C9)	3.448	4674240	46.473 ug/ml
2) T n-Decane (C10)	4.520	4895154	49.128 ug/ml
3) T A~Naphthalene (C11.7)	6.113	4607084	41.783 ug/ml
4) T n-Dodecane (C12)	6.541	4912330	50.550 ug/ml
5) T A~2-methylnaphthalene...	7.171	4197096	39.104 ug/ml
6) T n-Tetradecane (C14)	8.340	4757892	51.479 ug/ml
7) T n-Hexadecane (C16)	9.942	4724194	52.758 ug/ml
8) T n-Octadecane (C18)	11.385	4623395	52.707 ug/ml
10) T n-Eicosane (C20)	12.696	4680922	54.929 ug/ml
11) T n-Heneicosane (C21)	13.308	4472430	53.025 ug/ml
13) T n-Docosane (C22)	13.895	4411622	52.734 ug/ml
14) T n-Tetracosane (C24)	14.989	8099597	97.343 ug/ml
15) T n-Hexacosane (C26)	16.021	4288563	51.761 ug/ml
16) T n-Octacosane (C28)	16.971	4269809	51.664 ug/ml
17) T n-Tricontane (C30)	17.860	4257179	50.314 ug/ml
18) T n-Dotriacontane (C32)	18.693	3917910	45.485 ug/ml
19) T n-Tetratriacontane (C34)	19.475	2813197	33.019 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1339748	15.588 ug/ml
21) T n-Octatriacontane (C38)	20.987	650479	7.755 ug/ml
22) T n-Tetracontane (C40)	21.960	369718	4.511 ug/ml

(f)=RT Delta > 1/2 Window

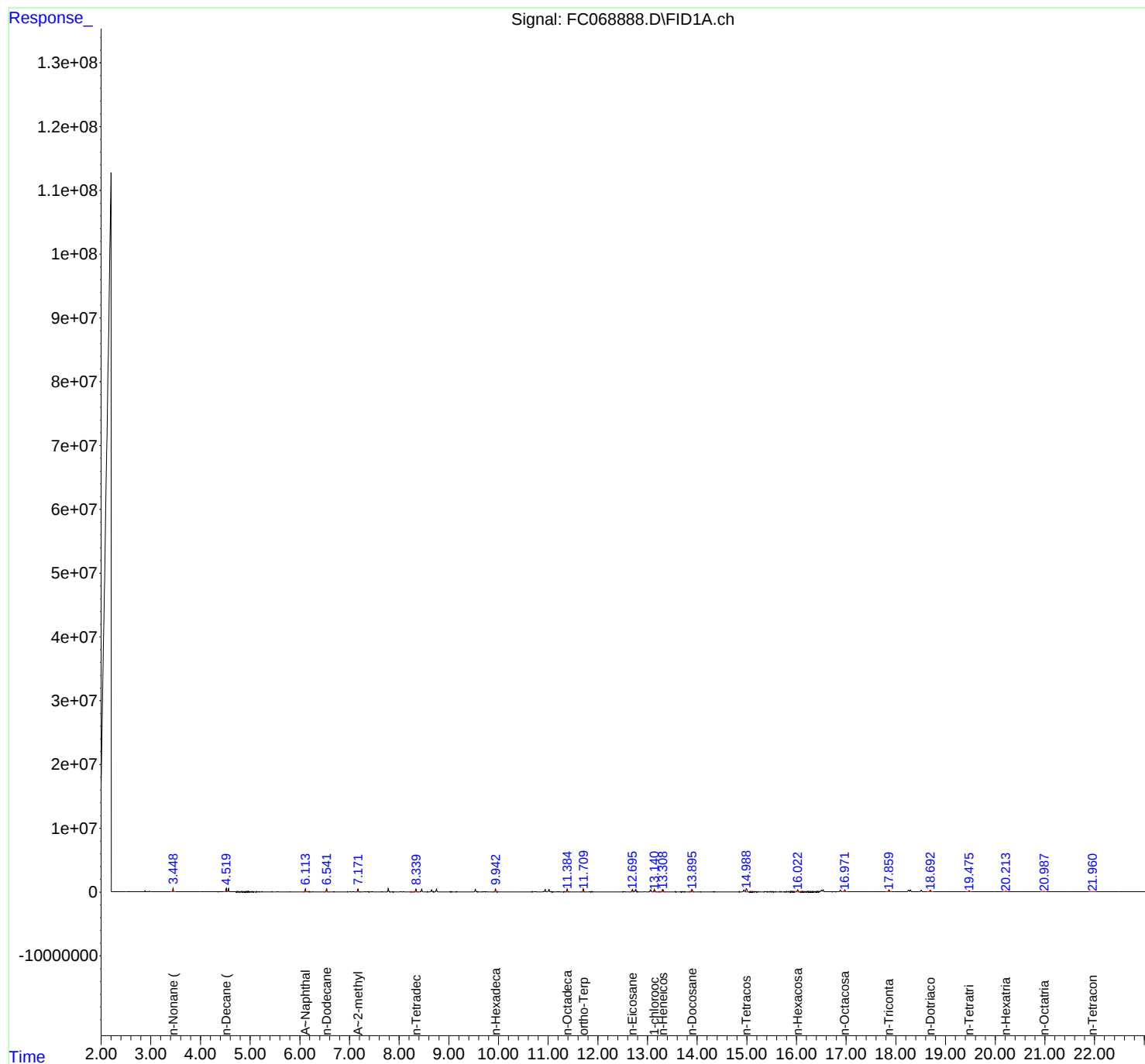
(m)=manual int.

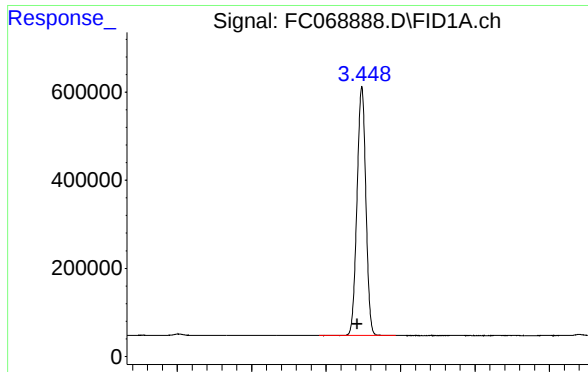
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051525AL\
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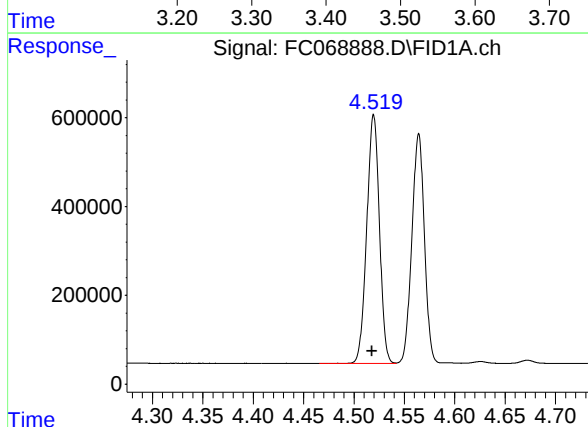




#1 n-Nonane (C9)

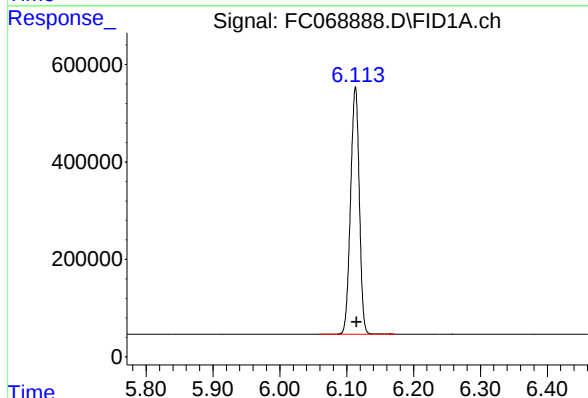
R.T.: 3.448 min
Delta R.T.: 0.006 min
Response: 4674240
Conc: 46.47 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168018BSD



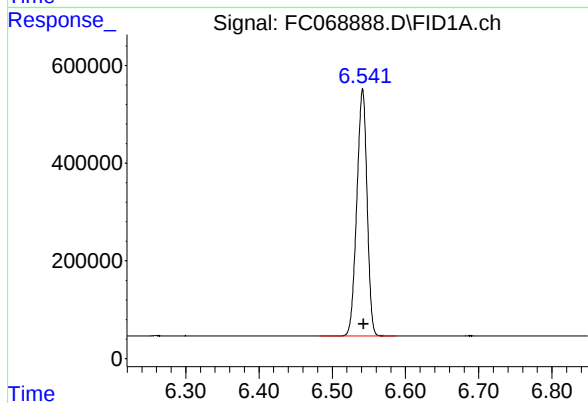
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: 0.002 min
Response: 4895154
Conc: 49.13 ug/ml



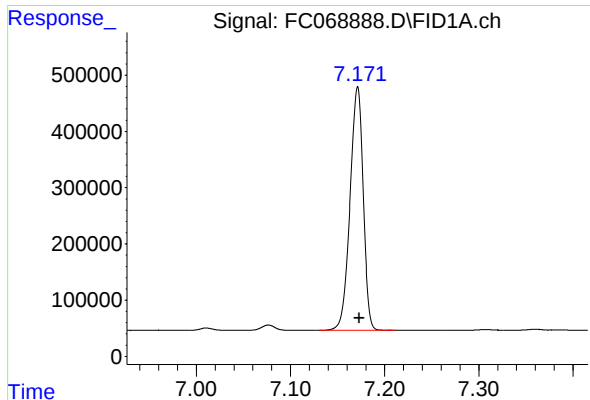
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 4607084
Conc: 41.78 ug/ml



#4 n-Dodecane (C12)

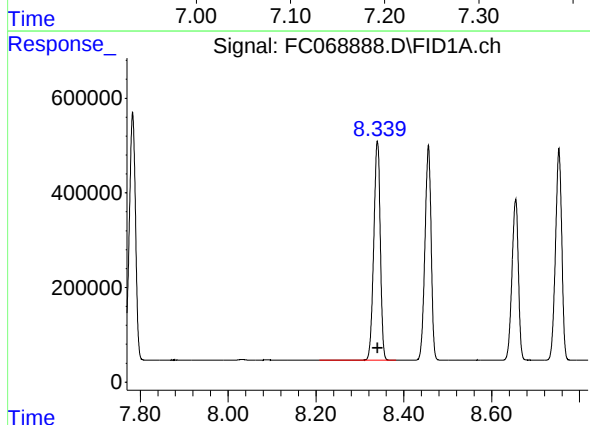
R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 4912330
Conc: 50.55 ug/ml



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

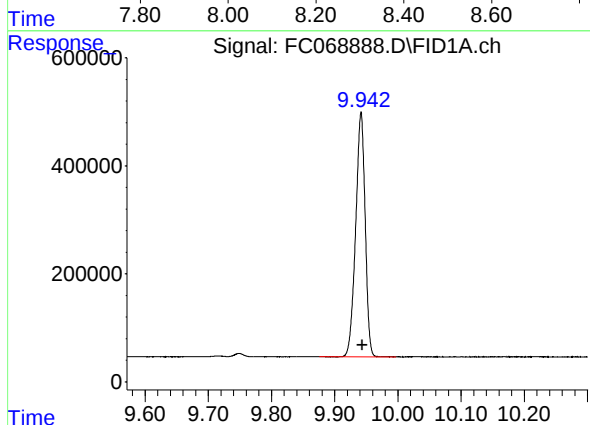
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 4197096
Conc: 39.10 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168018BSD



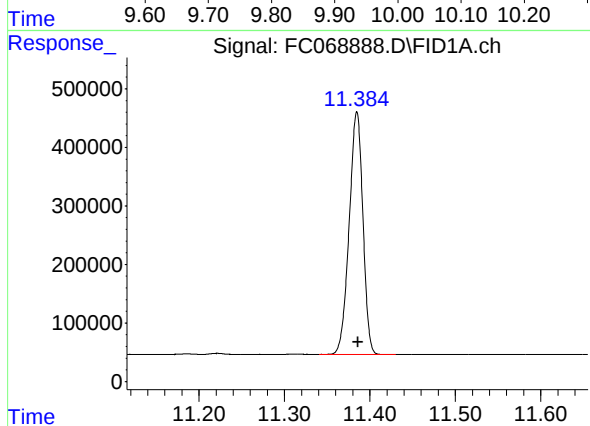
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 4757892
Conc: 51.48 ug/ml



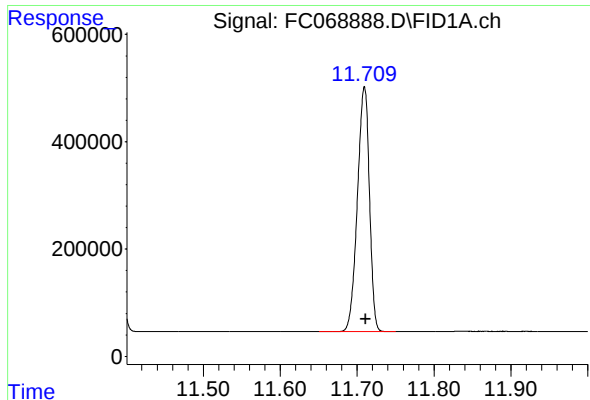
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 4724194
Conc: 52.76 ug/ml



#8 n-Octadecane (C18)

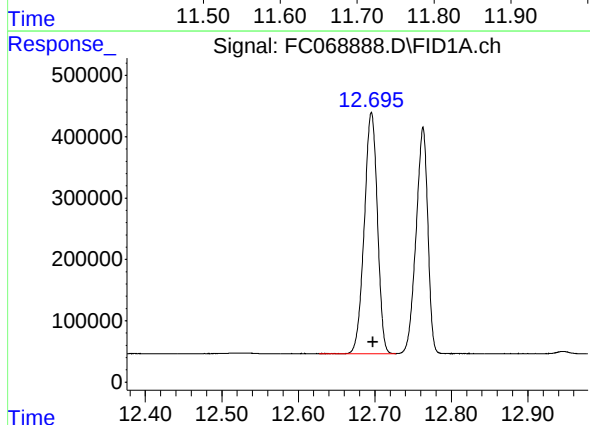
R.T.: 11.385 min
Delta R.T.: -0.002 min
Response: 4623395
Conc: 52.71 ug/ml



#9 ortho-Terphenyl (SURR)

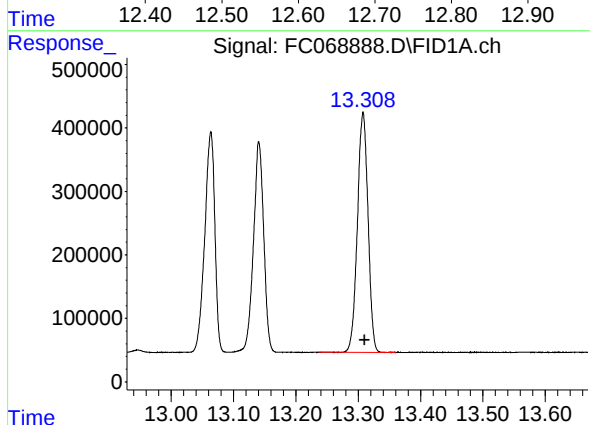
R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 4956127
Conc: 43.42 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168018BSD



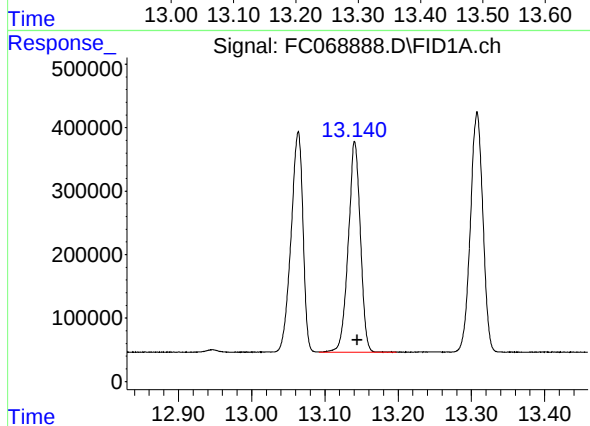
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.002 min
Response: 4680922
Conc: 54.93 ug/ml



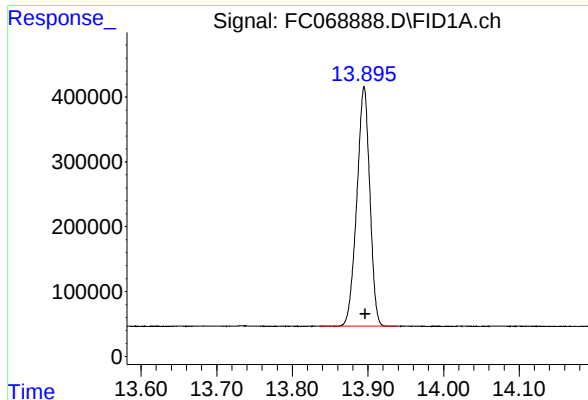
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.003 min
Response: 4472430
Conc: 53.03 ug/ml



#12 1-chlorooctadecane (SURR)

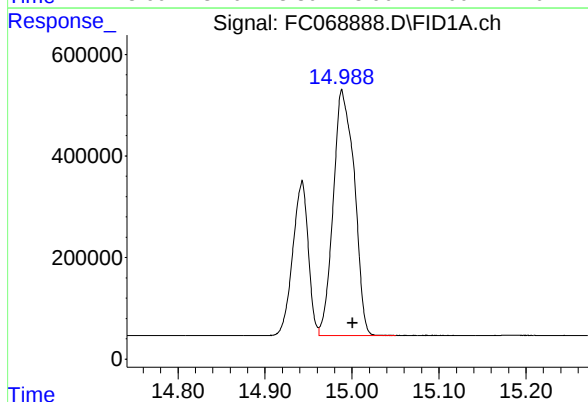
R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 3810759
Conc: 47.50 ug/ml



#13 n-Docosane (C22)

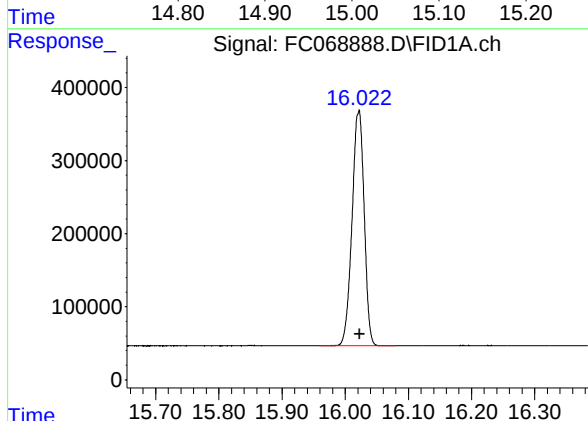
R.T.: 13.895 min
Delta R.T.: -0.002 min
Response: 4411622
Conc: 52.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168018BSD



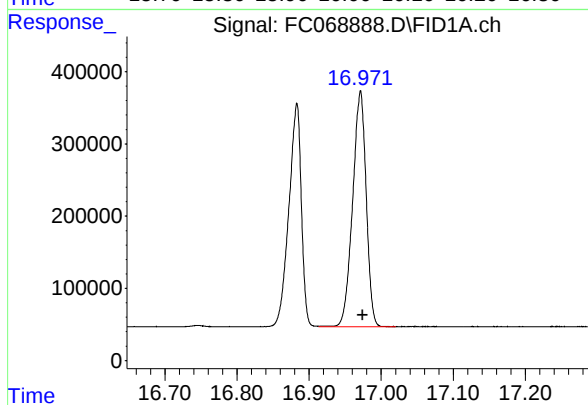
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.012 min
Response: 8099597
Conc: 97.34 ug/ml



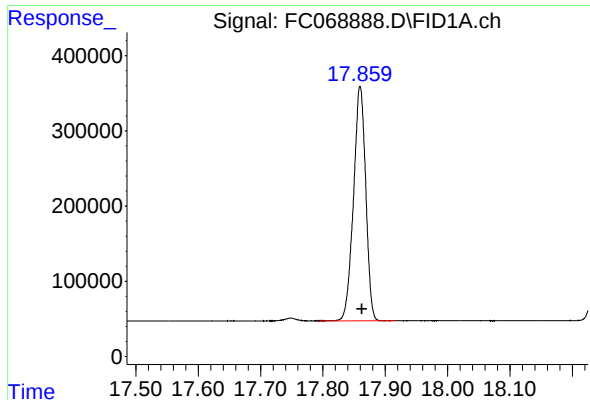
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.002 min
Response: 4288563
Conc: 51.76 ug/ml



#16 n-Octacosane (C28)

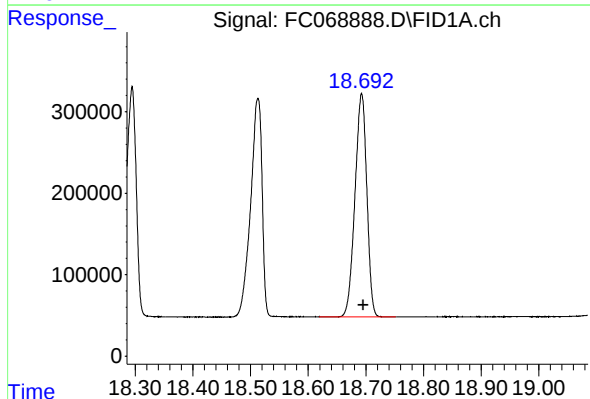
R.T.: 16.971 min
Delta R.T.: -0.003 min
Response: 4269809
Conc: 51.66 ug/ml



#17 n-Tricontane (C30)

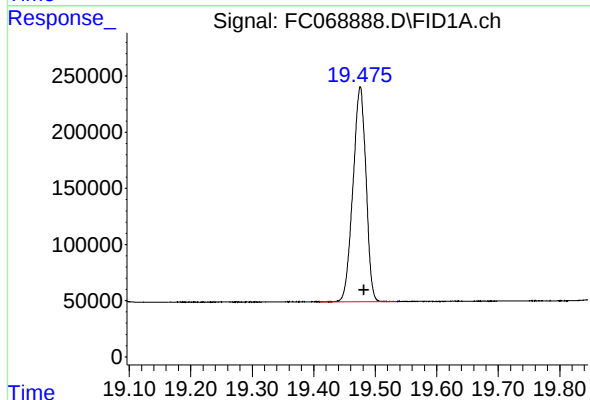
R.T.: 17.860 min
Delta R.T.: -0.003 min
Response: 4257179
Conc: 50.31 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168018BSD



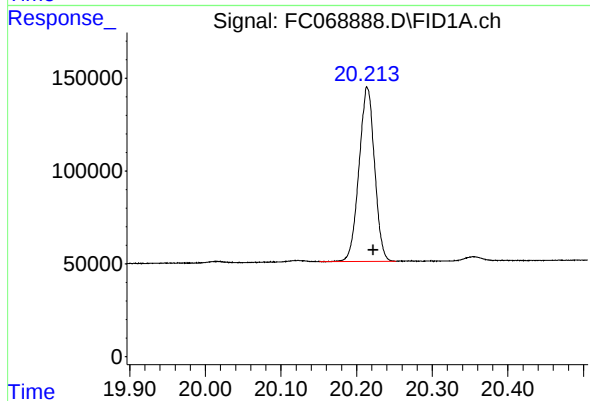
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.003 min
Response: 3917910
Conc: 45.49 ug/ml



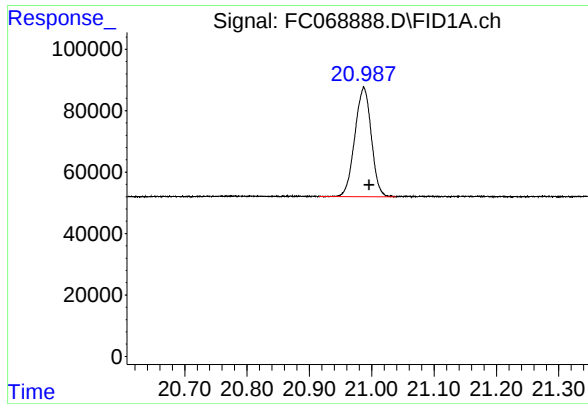
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.006 min
Response: 2813197
Conc: 33.02 ug/ml



#20 n-Hexatriacontane (C36)

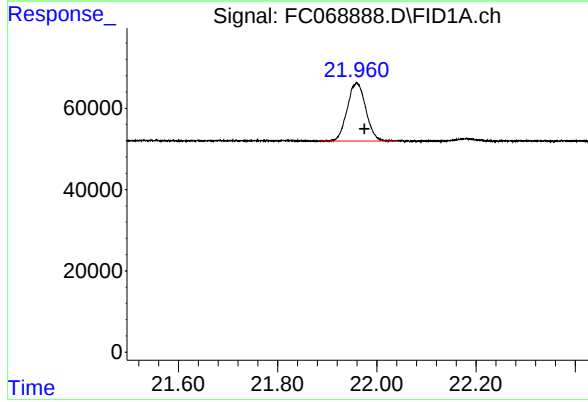
R.T.: 20.214 min
Delta R.T.: -0.008 min
Response: 1339748
Conc: 15.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.009 min
Response: 650479
Conc: 7.75 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168018BSD



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.016 min
Response: 369718
Conc: 4.51 ug/ml