

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069268.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 14:35
 Operator : YP/AJ
 Sample : PB168596BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168596BS

Integration File: autoint1.e
 Quant Time: Jun 25 00:40:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.681	6080452	35.196 ug/ml
Spiked Amount 50.000		Recovery =	70.39%
12) S 1-chlorooctadecane (S...	13.115	4791844	36.679 ug/ml
Spiked Amount 50.000		Recovery =	73.36%
Target Compounds			
1) T n-Nonane (C9)	3.425	5342859	37.568 ug/ml
2) T n-Decane (C10)	4.490	5821037	39.762 ug/ml
3) T A~Naphthalene (C11.7)	6.080	7197388	44.734 ug/ml
4) T n-Dodecane (C12)	6.509	6189435	40.875 ug/ml
5) T A~2-methylnaphthalene...	7.139	6720834	42.470 ug/ml
6) T n-Tetradecane (C14)	8.309	6303781	40.668 ug/ml
7) T n-Hexadecane (C16)	9.913	6310028	38.613 ug/ml
8) T n-Octadecane (C18)	11.358	6061634	37.126 ug/ml
10) T n-Eicosane (C20)	12.671	5920908	38.790 ug/ml
11) T n-Heneicosane (C21)	13.283	5538518	37.577 ug/ml
13) T n-Docosane (C22)	13.870	5360430	37.256 ug/ml
14) T n-Tetracosane (C24)	14.968	10329644	74.890 ug/ml
15) T n-Hexacosane (C26)	16.000	4812588	36.815 ug/ml
16) T n-Octacosane (C28)	16.949	4583845	37.168 ug/ml
17) T n-Tricontane (C30)	17.840	4416951	37.154 ug/ml
18) T n-Dotriacontane (C32)	18.672	4258985	38.953 ug/ml
19) T n-Tetratriacontane (C34)	19.457	4356580	45.115 ug/ml
20) T n-Hexatriacontane (C36)	20.199	4159372	50.470 ug/ml
21) T n-Octatriacontane (C38)	20.969	4270903	57.151 ug/ml
22) T n-Tetracontane (C40)	21.938	4224569	59.655 ug/ml

(f)=RT Delta > 1/2 Window

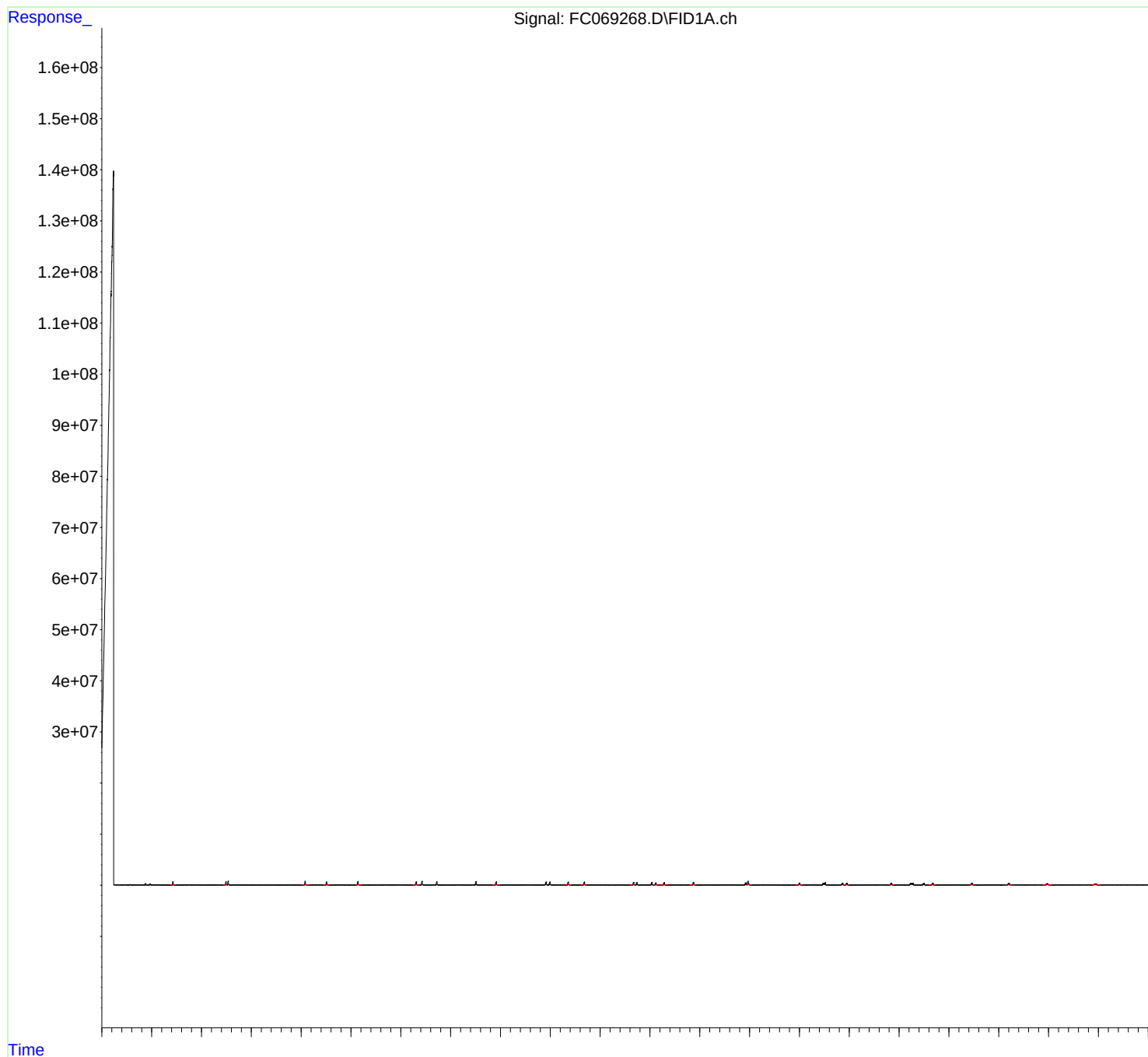
(m)=manual int.

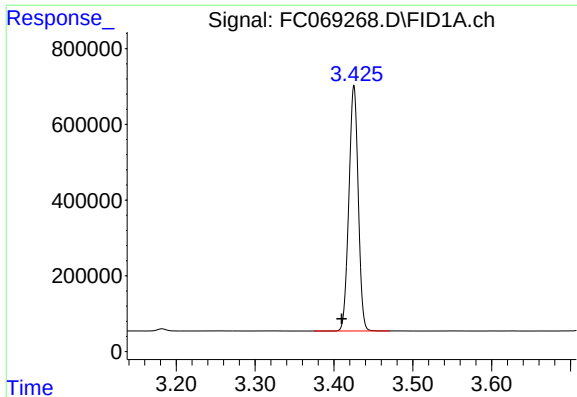
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
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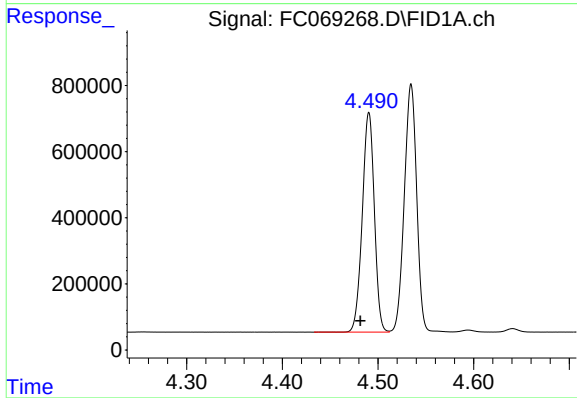




#1 n-Nonane (C9)

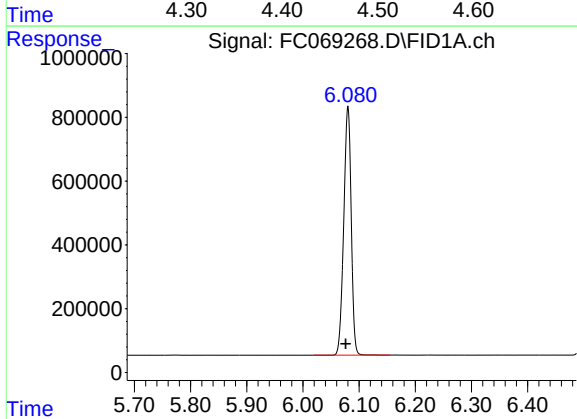
R.T.: 3.425 min
Delta R.T.: 0.015 min
Response: 5342859
Conc: 37.57 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BS



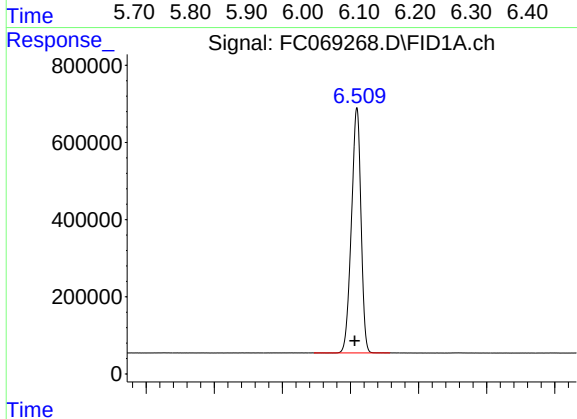
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.009 min
Response: 5821037
Conc: 39.76 ug/ml



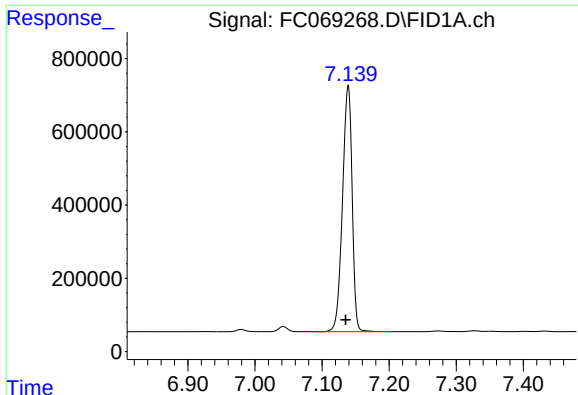
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 7197388
Conc: 44.73 ug/ml



#4 n-Dodecane (C12)

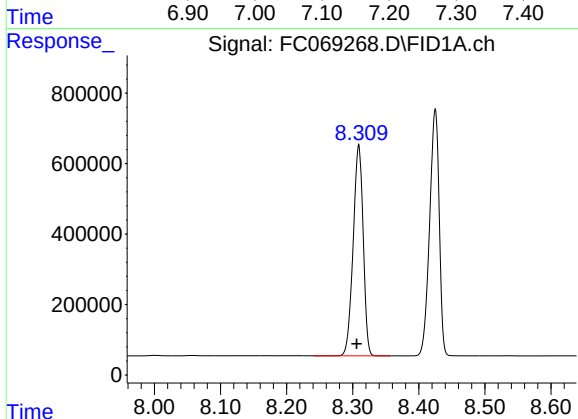
R.T.: 6.509 min
Delta R.T.: 0.003 min
Response: 6189435
Conc: 40.87 ug/ml



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

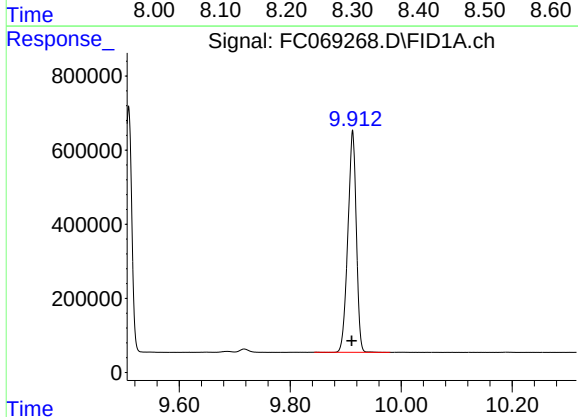
R.T.: 7.139 min
Delta R.T.: 0.003 min
Response: 6720834
Conc: 42.47 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BS



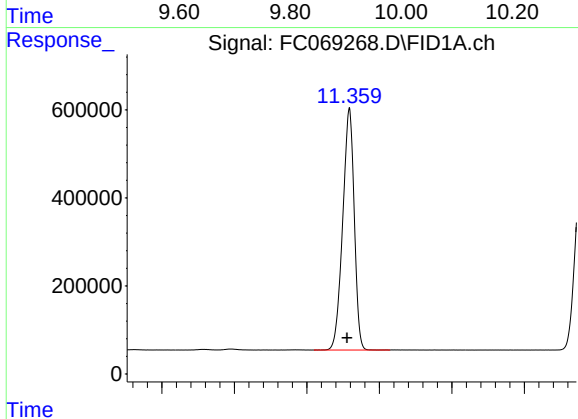
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 6303781
Conc: 40.67 ug/ml



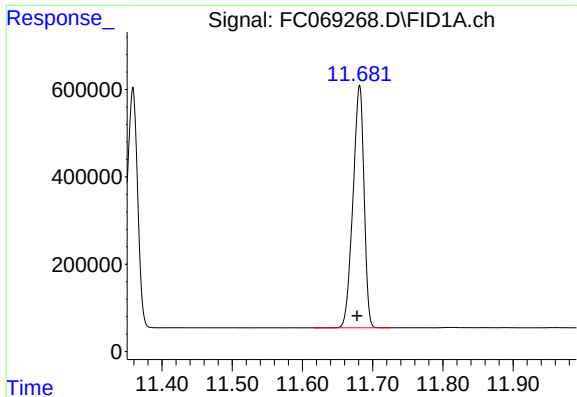
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: 0.002 min
Response: 6310028
Conc: 38.61 ug/ml



#8 n-Octadecane (C18)

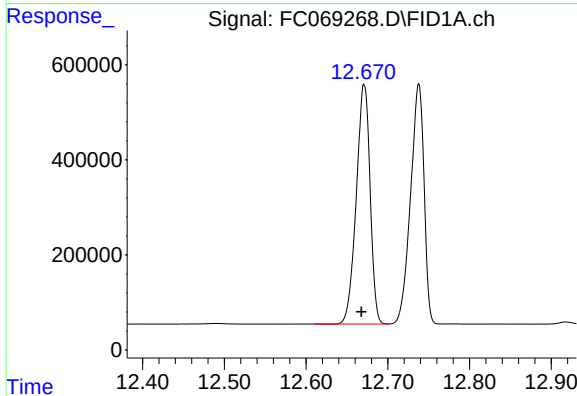
R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 6061634
Conc: 37.13 ug/ml



#9 ortho-Terphenyl (SURR)

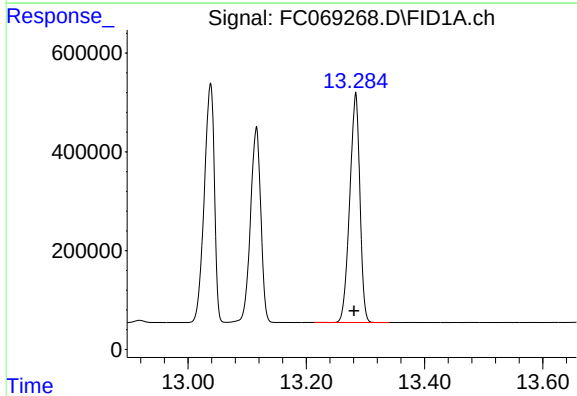
R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 6080452
Conc: 35.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BS



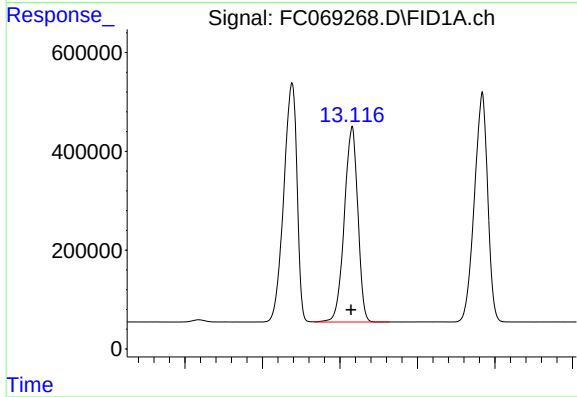
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 5920908
Conc: 38.79 ug/ml



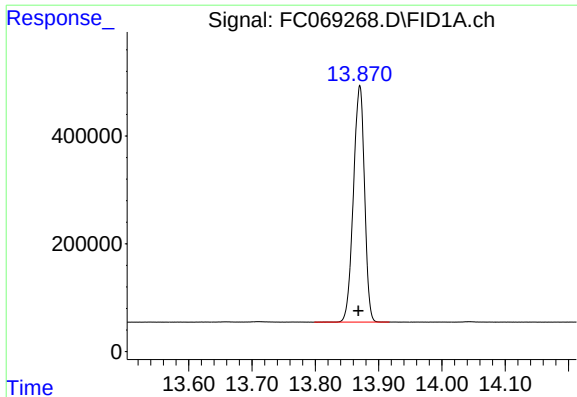
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.003 min
Response: 5538518
Conc: 37.58 ug/ml



#12 1-chlorooctadecane (SURR)

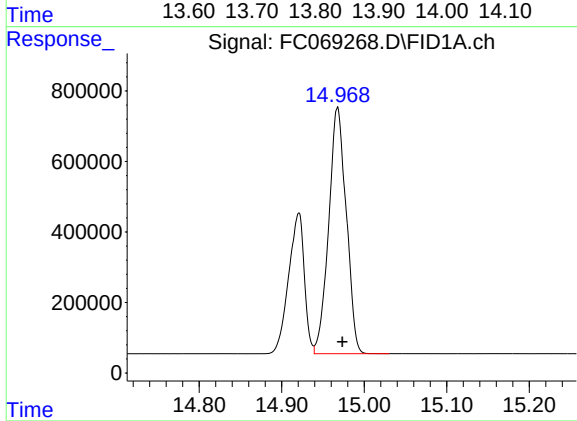
R.T.: 13.115 min
Delta R.T.: 0.001 min
Response: 4791844
Conc: 36.68 ug/ml



#13 n-Docosane (C22)

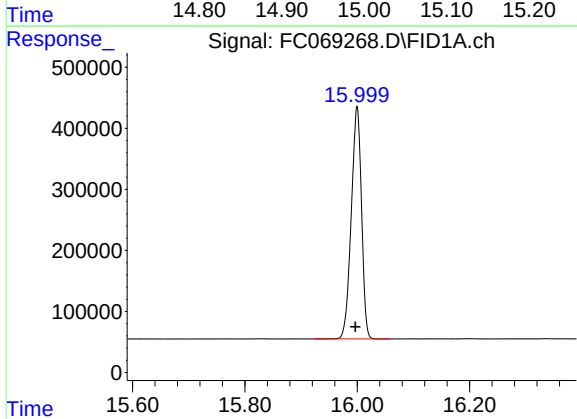
R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 5360430
Conc: 37.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BS



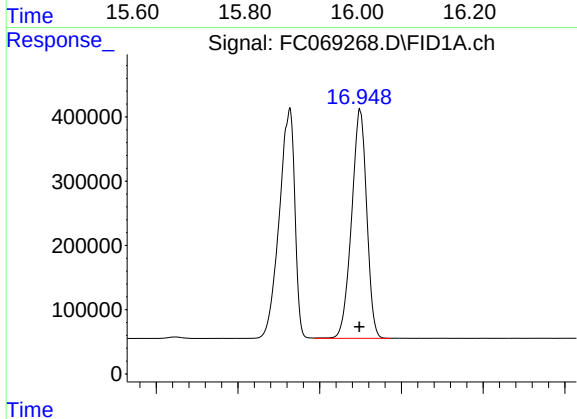
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.006 min
Response: 10329644
Conc: 74.89 ug/ml



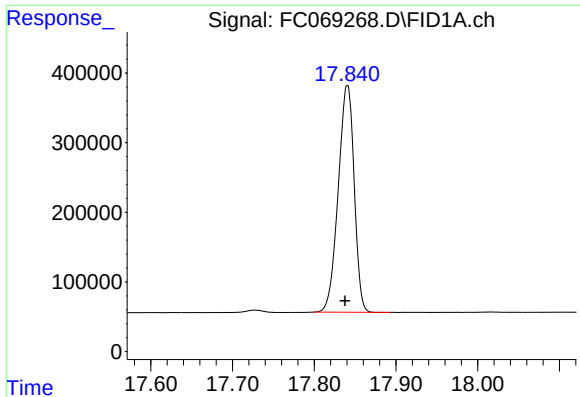
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.003 min
Response: 4812588
Conc: 36.82 ug/ml



#16 n-Octacosane (C28)

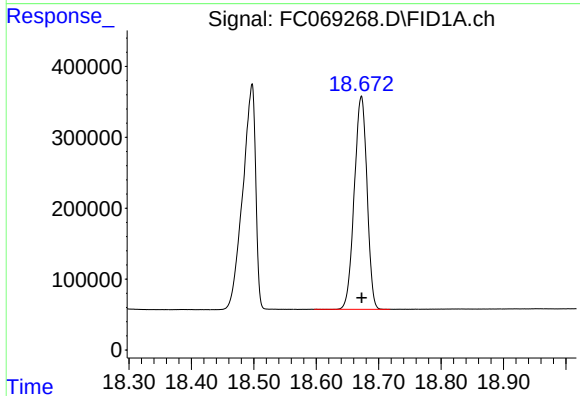
R.T.: 16.949 min
Delta R.T.: 0.000 min
Response: 4583845
Conc: 37.17 ug/ml



#17 n-Tricontane (C30)

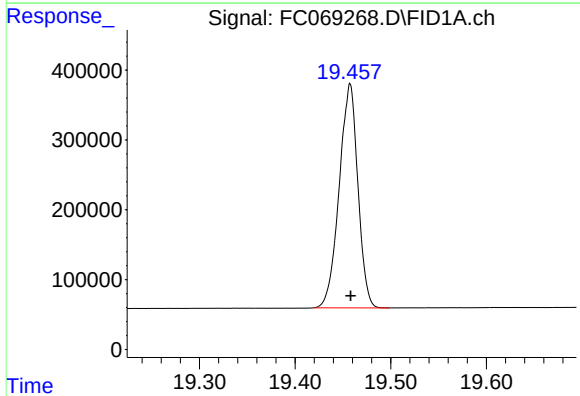
R.T.: 17.840 min
Delta R.T.: 0.003 min
Response: 4416951
Conc: 37.15 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BS



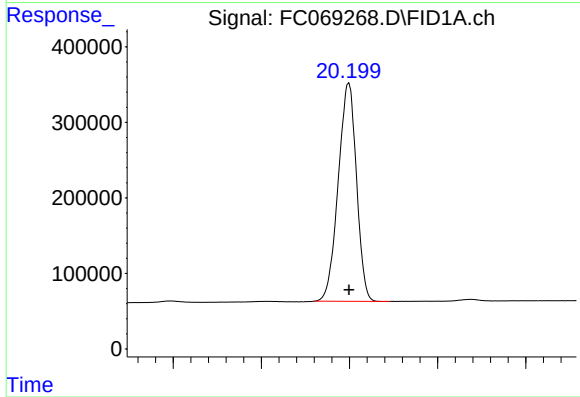
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: 0.000 min
Response: 4258985
Conc: 38.95 ug/ml



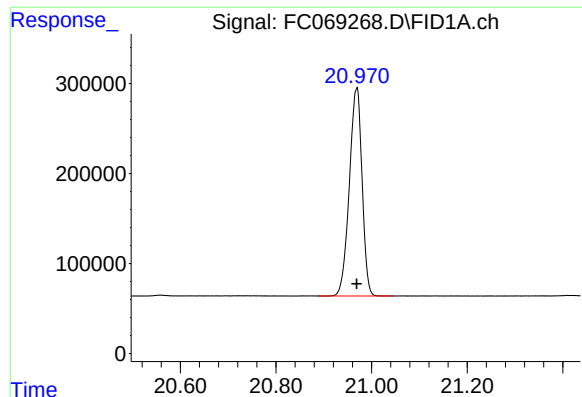
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.001 min
Response: 4356580
Conc: 45.11 ug/ml



#20 n-Hexatriacontane (C36)

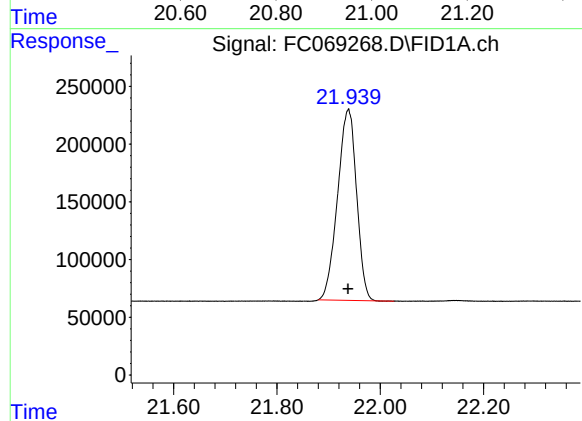
R.T.: 20.199 min
Delta R.T.: 0.000 min
Response: 4159372
Conc: 50.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min
Delta R.T.: 0.000 min
Response: 4270903
Conc: 57.15 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168596BS



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: 0.000 min
Response: 4224569
Conc: 59.66 ug/ml