

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041125AL\
 Data File : FC068551.D
 Signal(s) : FID1A.ch
 Acq On : 10 Apr 2025 14:10
 Operator : YP/AJ
 Sample : PB167545BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167545BS

Integration File: autoint1.e
 Quant Time: Apr 11 03:42:40 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	4577653	35.949 ug/ml
Spiked Amount 50.000		Recovery =	71.90%
12) S 1-chlorooctadecane (S...	13.148	3427972	36.902 ug/ml
Spiked Amount 50.000		Recovery =	73.80%
Target Compounds			
1) T n-Nonane (C9)	3.455	5061857	48.060 ug/ml
2) T n-Decane (C10)	4.527	5247149	49.802 ug/ml
3) T A~Naphthalene (C11.7)	6.120	5824613	50.013 ug/ml
4) T n-Dodecane (C12)	6.548	5225393	49.689 ug/ml
5) T A~2-methylnaphthalene...	7.178	5252340	45.476 ug/ml
6) T n-Tetradecane (C14)	8.347	5052364	49.146 ug/ml
7) T n-Hexadecane (C16)	9.949	5005621	49.151 ug/ml
8) T n-Octadecane (C18)	11.392	4893572	48.628 ug/ml
10) T n-Eicosane (C20)	12.703	4949843	50.324 ug/ml
11) T n-Heneicosane (C21)	13.315	4727526	48.509 ug/ml
13) T n-Docosane (C22)	13.903	4669051	48.336 ug/ml
14) T n-Tetracosane (C24)	15.000	9664093	101.530 ug/ml
15) T n-Hexacosane (C26)	16.030	4528424	48.482 ug/ml
16) T n-Octacosane (C28)	16.981	4555190	49.752 ug/ml
17) T n-Tricontane (C30)	17.871	4530664	49.283 ug/ml
18) T n-Dotriacontane (C32)	18.703	4506516	49.129 ug/ml
19) T n-Tetratriacontane (C34)	19.488	4541949	50.839 ug/ml
20) T n-Hexatriacontane (C36)	20.229	4367040	48.751 ug/ml
21) T n-Octatriacontane (C38)	21.005	4360833	49.324 ug/ml
22) T n-Tetracontane (C40)	21.984	4178817	47.322 ug/ml

(f)=RT Delta > 1/2 Window

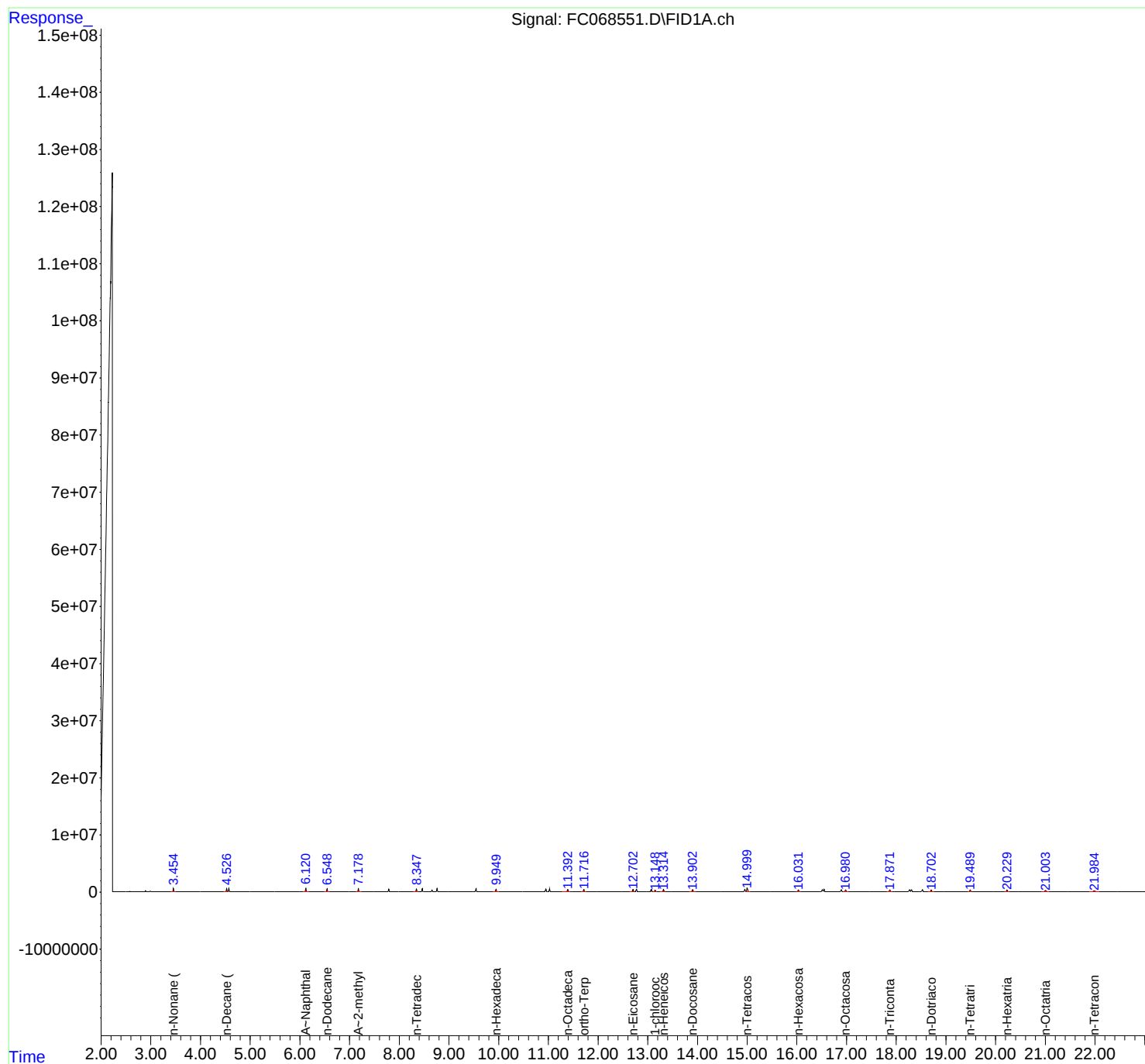
(m)=manual int.

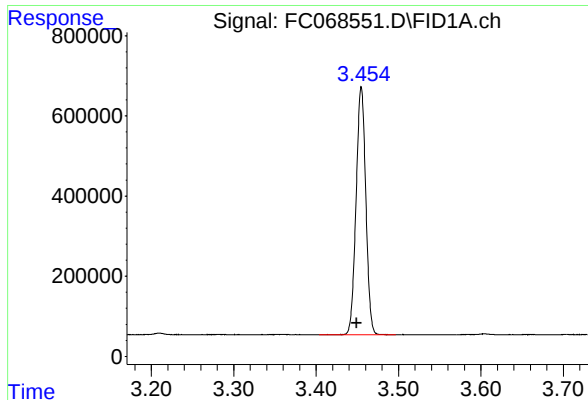
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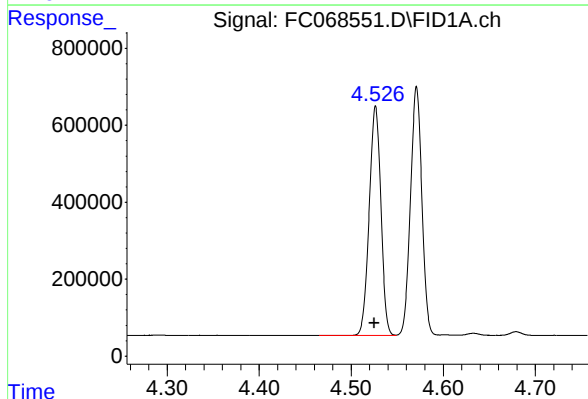




#1 n-Nonane (C9)

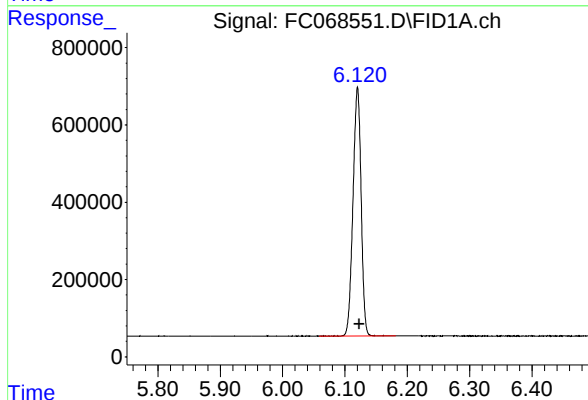
R.T.: 3.455 min
Delta R.T.: 0.006 min
Response: 5061857
Conc: 48.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167545BS



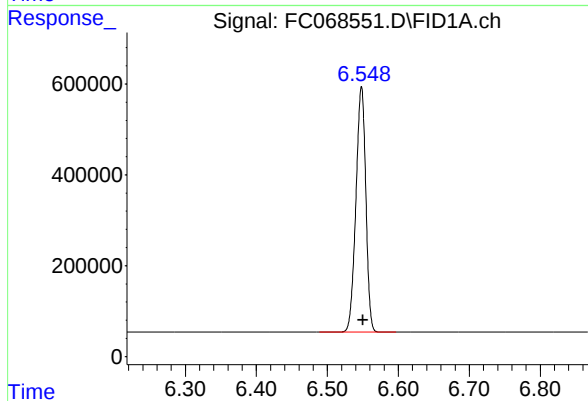
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 5247149
Conc: 49.80 ug/ml



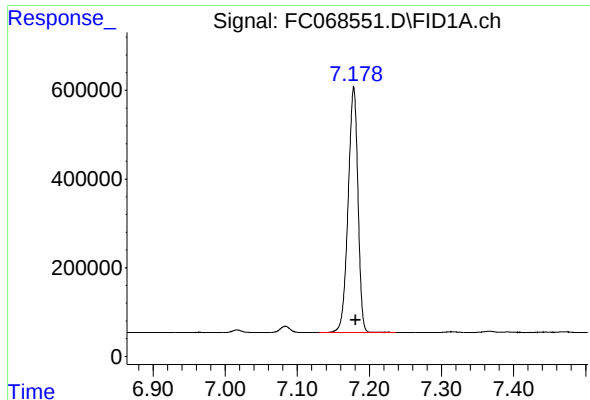
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 5824613
Conc: 50.01 ug/ml



#4 n-Dodecane (C12)

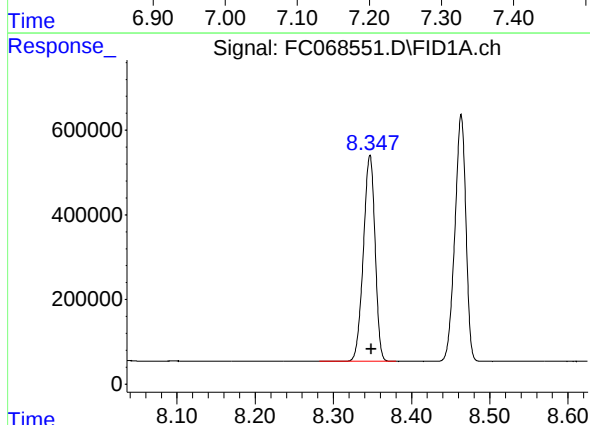
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 5225393
Conc: 49.69 ug/ml



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

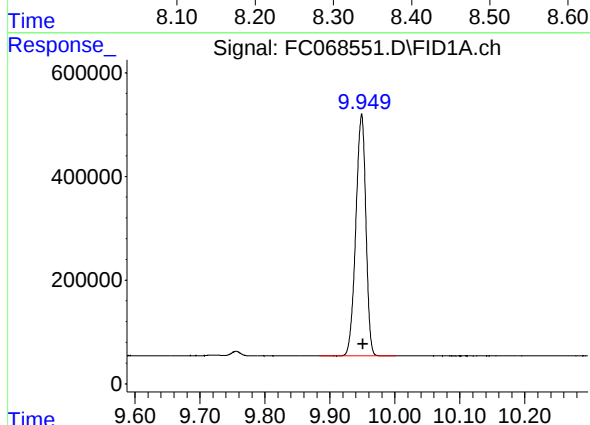
R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 5252340
Conc: 45.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167545BS



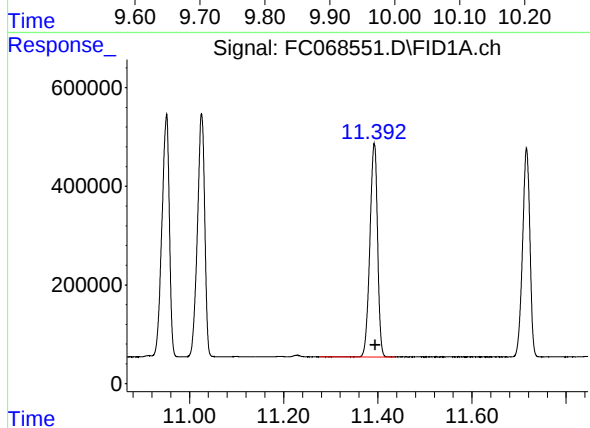
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: -0.002 min
Response: 5052364
Conc: 49.15 ug/ml



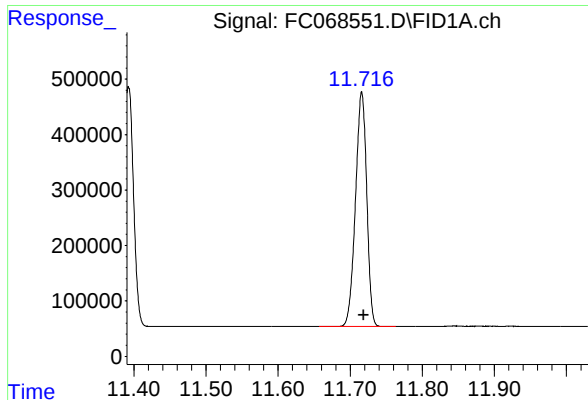
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 5005621
Conc: 49.15 ug/ml



#8 n-Octadecane (C18)

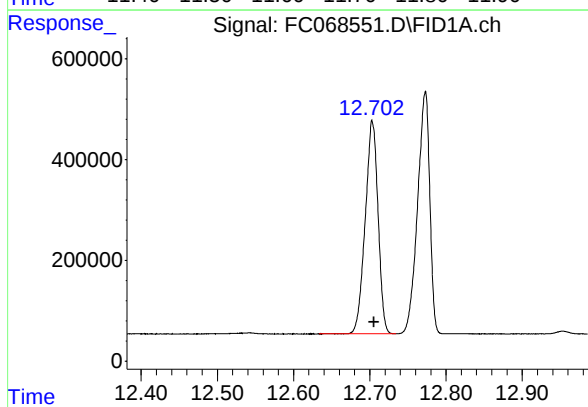
R.T.: 11.392 min
Delta R.T.: -0.002 min
Response: 4893572
Conc: 48.63 ug/ml



#9 ortho-Terphenyl (SURR)

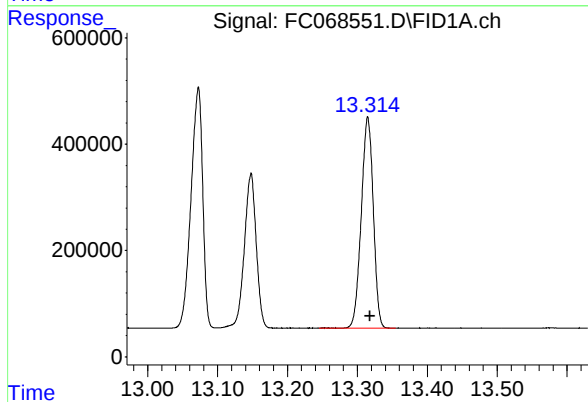
R.T.: 11.716 min
Delta R.T.: -0.003 min
Response: 4577653
Conc: 35.95 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167545BS



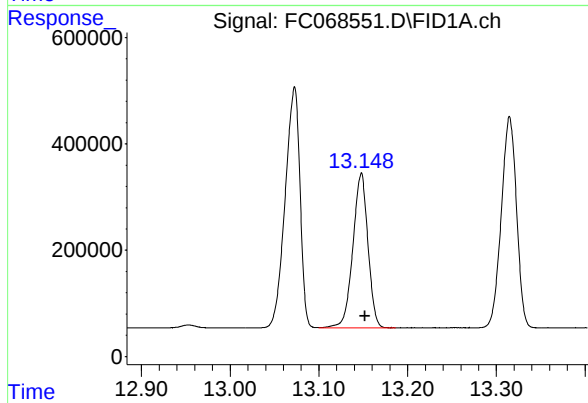
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.002 min
Response: 4949843
Conc: 50.32 ug/ml



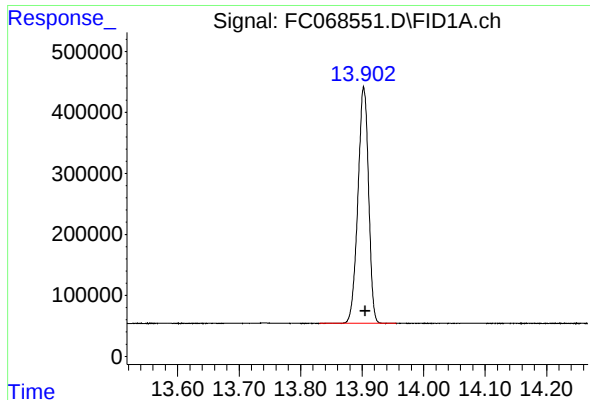
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.003 min
Response: 4727526
Conc: 48.51 ug/ml



#12 1-chlorooctadecane (SURR)

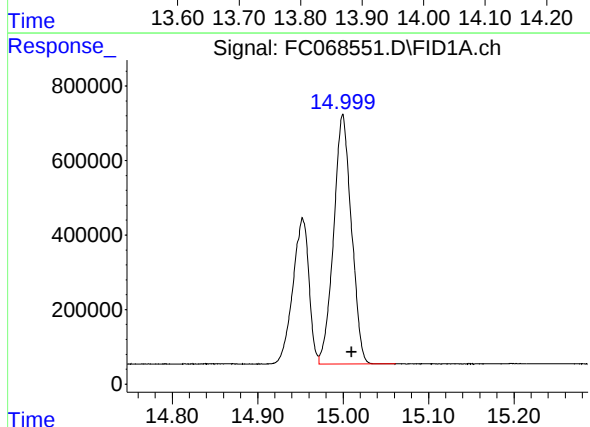
R.T.: 13.148 min
Delta R.T.: -0.004 min
Response: 3427972
Conc: 36.90 ug/ml



#13 n-Docosane (C22)

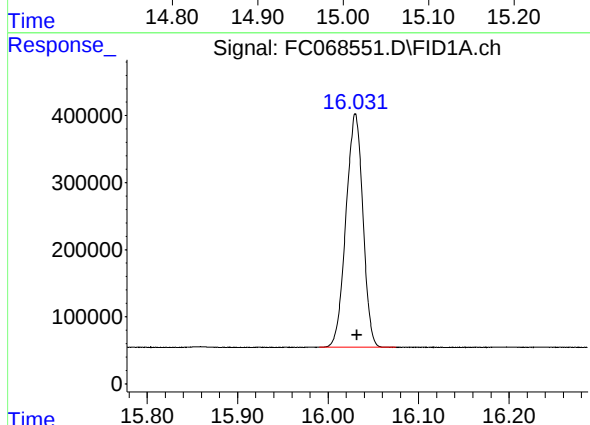
R.T.: 13.903 min
Delta R.T.: -0.002 min
Response: 4669051
Conc: 48.34 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167545BS



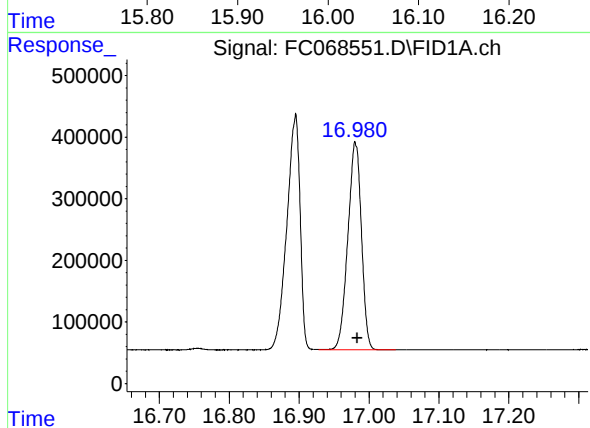
#14 n-Tetracosane (C24)

R.T.: 15.000 min
Delta R.T.: -0.010 min
Response: 9664093
Conc: 101.53 ug/ml



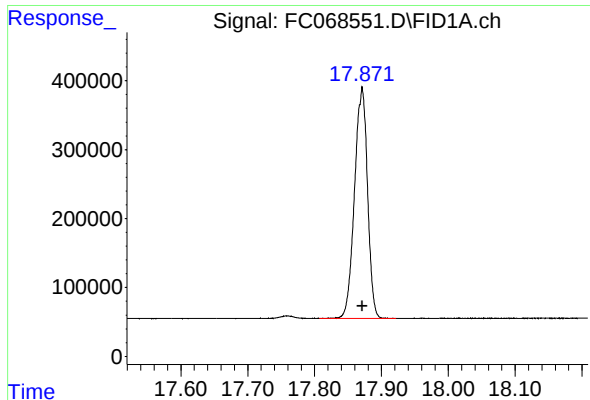
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: -0.002 min
Response: 4528424
Conc: 48.48 ug/ml



#16 n-Octacosane (C28)

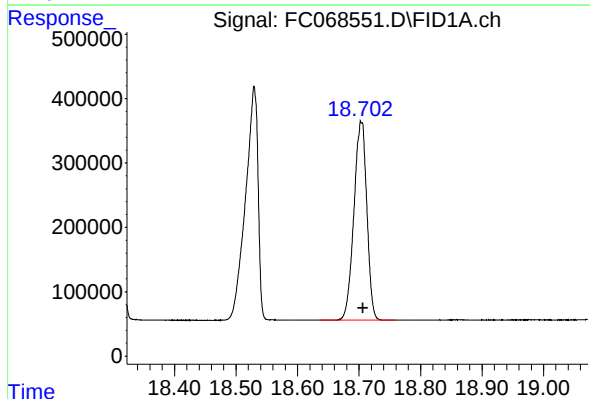
R.T.: 16.981 min
Delta R.T.: -0.003 min
Response: 4555190
Conc: 49.75 ug/ml



#17 n-Tricontane (C30)

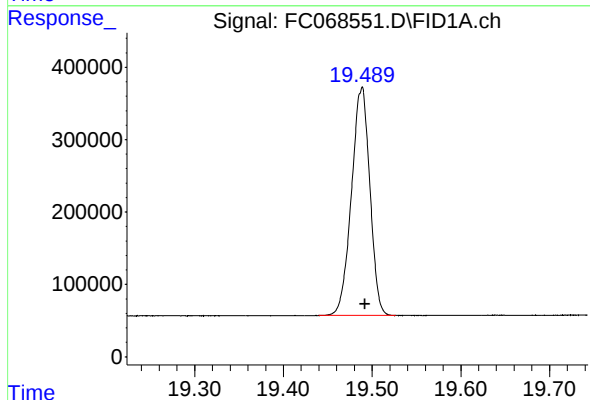
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 4530664
Conc: 49.28 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167545BS



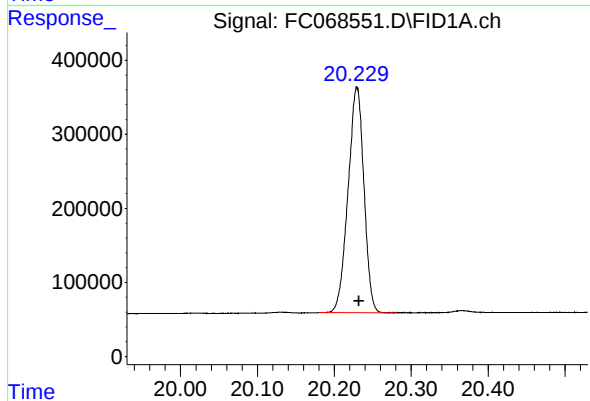
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: -0.003 min
Response: 4506516
Conc: 49.13 ug/ml



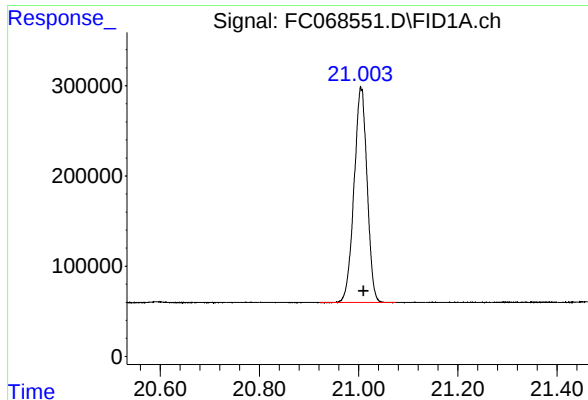
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.004 min
Response: 4541949
Conc: 50.84 ug/ml



#20 n-Hexatriacontane (C36)

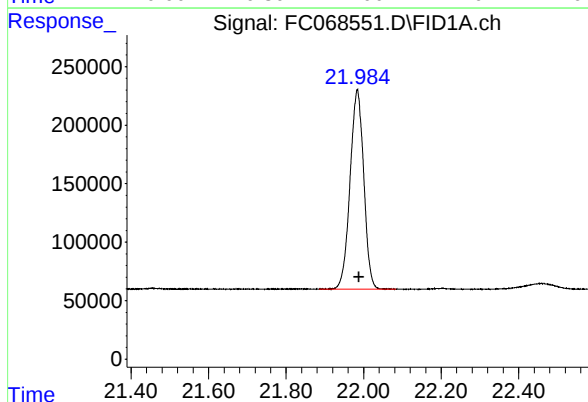
R.T.: 20.229 min
Delta R.T.: -0.003 min
Response: 4367040
Conc: 48.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: -0.005 min
Response: 4360833
Conc: 49.32 ug/ml

Instrument :
FID_C
ClientSampleId :
PB167545BS



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: -0.005 min
Response: 4178817
Conc: 47.32 ug/ml