

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091124AL\
 Data File : FC067094.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 15:18
 Operator : YP/AJ
 Sample : PB163257BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163257BS

Integration File: sample.E
 Quant Time: Sep 11 04:19:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.512	6358193	45.662 ug/ml
Spiked Amount 50.000		Recovery =	91.32%
12) S 1-chlorooctadecane (S...	12.950	4962387	50.799 ug/ml
Spiked Amount 50.000		Recovery =	101.60%
Target Compounds			
1) T n-Nonane (C9)	3.289	5212934	39.299 ug/ml
2) T n-Decane (C10)	4.351	5719574	42.586 ug/ml
3) T A~Naphthalene (C11.7)	5.927	6287784	44.241 ug/ml
4) T n-Dodecane (C12)	6.365	5956171	44.497 ug/ml
5) T A~2-methylnaphthalene...	6.983	5748950	43.052 ug/ml
6) T n-Tetradecane (C14)	8.159	6230845	48.348 ug/ml
7) T n-Hexadecane (C16)	9.758	6241625	48.413 ug/ml
8) T n-Octadecane (C18)	11.199	6219900	48.615 ug/ml
10) T n-Eicosane (C20)	12.507	6140017	51.118 ug/ml
11) T n-Heneicosane (C21)	13.118	5863653	50.205 ug/ml
13) T n-Docosane (C22)	13.705	5762338	49.908 ug/ml
14) T n-Tetracosane (C24)	14.806	5650741	49.759 ug/ml
15) T n-Hexacosane (C26)	15.828	5505682	49.677 ug/ml
16) T n-Octacosane (C28)	16.775	5300695	49.072 ug/ml
17) T n-Tricontane (C30)	17.663	5387959	49.533 ug/ml
18) T n-Dotriacontane (C32)	18.493	5331568	51.115 ug/ml
19) T n-Tetratriacontane (C34)	19.276	5223126	56.614 ug/ml
20) T n-Hexatriacontane (C36)	20.015	4890040	61.706 ug/ml
21) T n-Octatriacontane (C38)	20.742	4642876	61.810 ug/ml
22) T n-Tetracontane (C40)	21.634	4171460	59.708 ug/ml

(f)=RT Delta > 1/2 Window

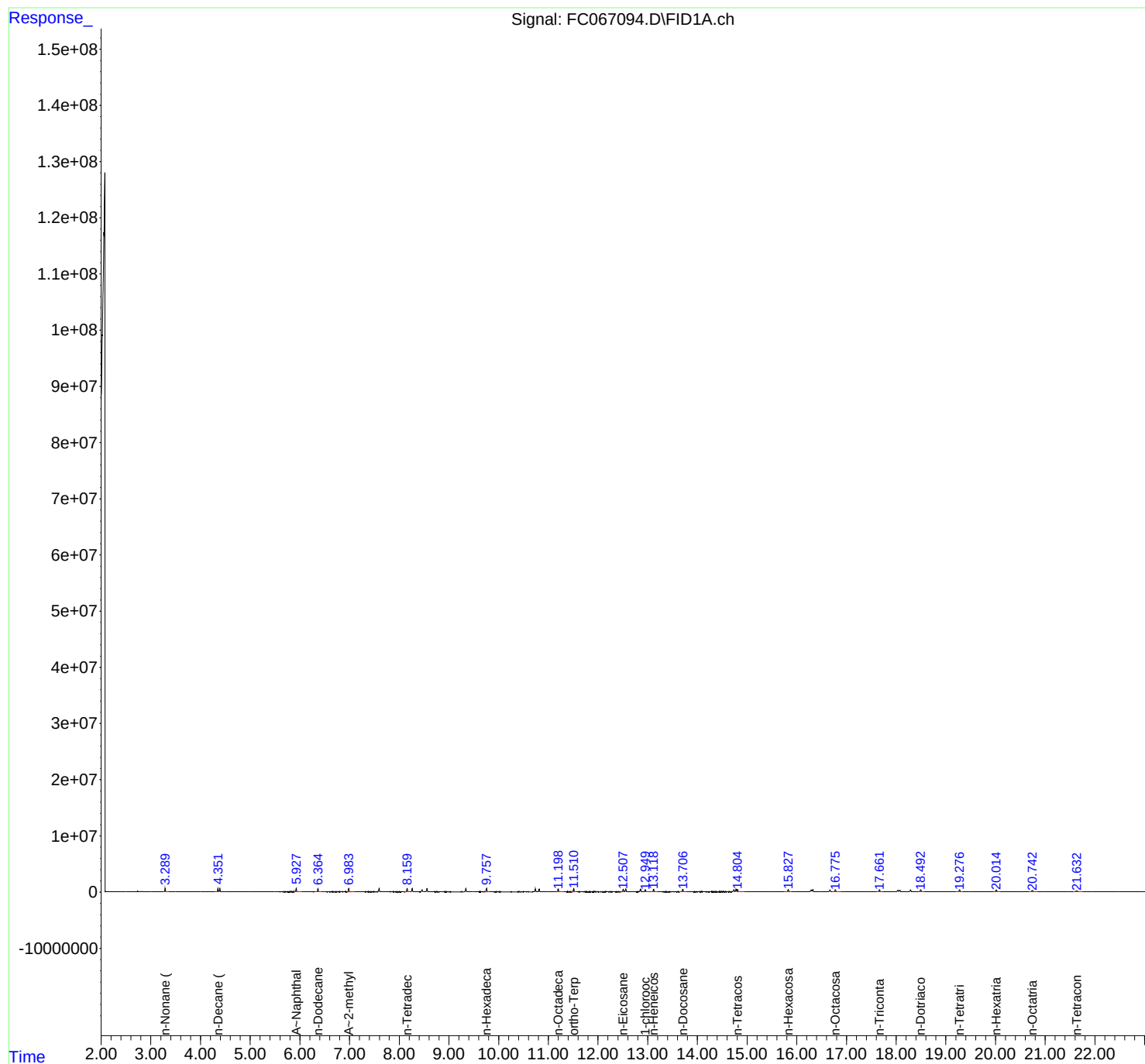
(m)=manual int.

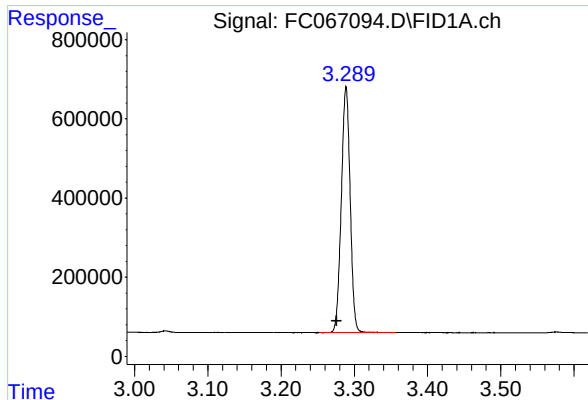
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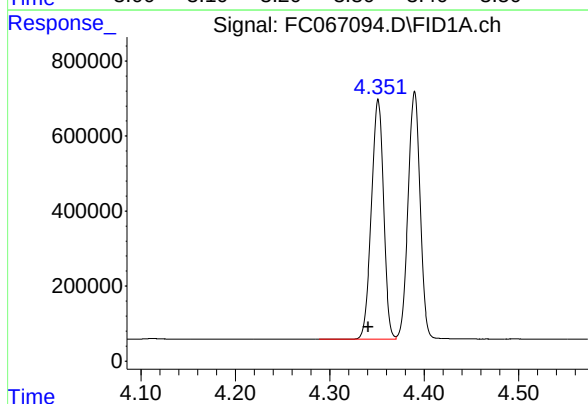




#1 n-Nonane (C9)

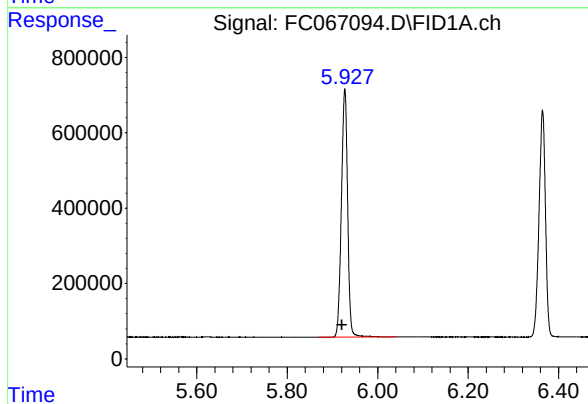
R.T.: 3.289 min
Delta R.T.: 0.013 min
Response: 5212934
Conc: 39.30 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163257BS



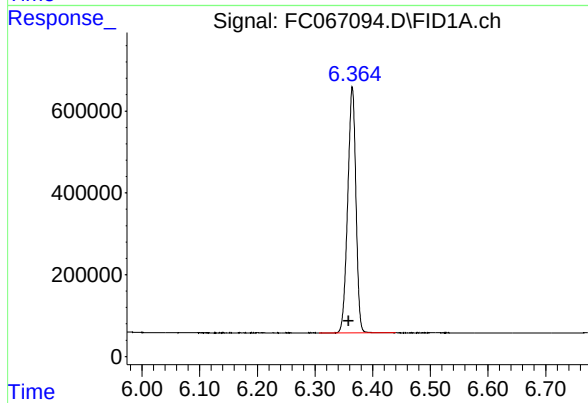
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.010 min
Response: 5719574
Conc: 42.59 ug/ml



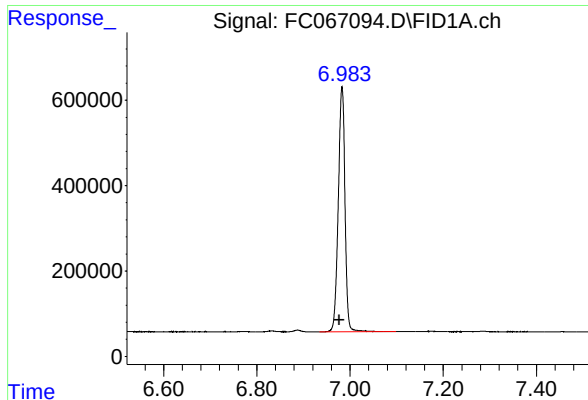
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.006 min
Response: 6287784
Conc: 44.24 ug/ml



#4 n-Dodecane (C12)

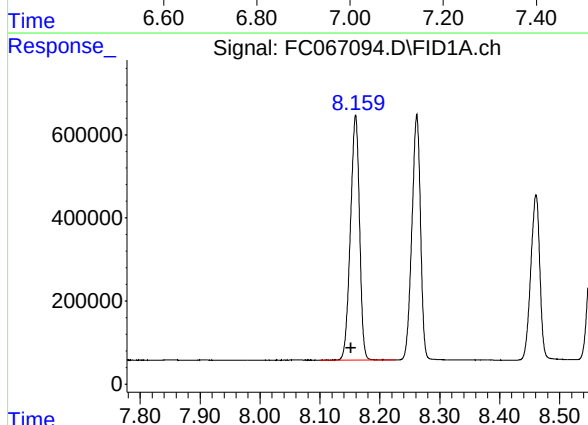
R.T.: 6.365 min
Delta R.T.: 0.006 min
Response: 5956171
Conc: 44.50 ug/ml



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

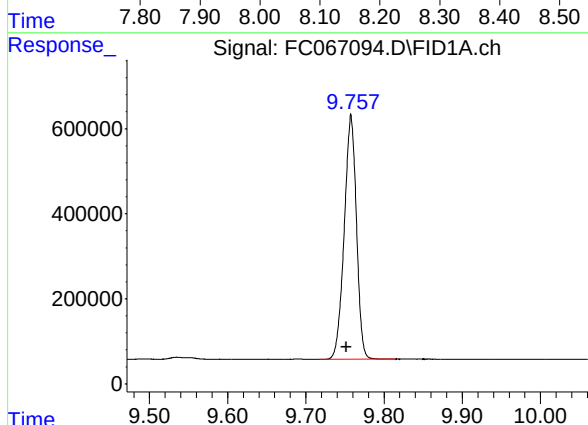
R.T.: 6.983 min
Delta R.T.: 0.006 min
Response: 5748950
Conc: 43.05 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163257BS



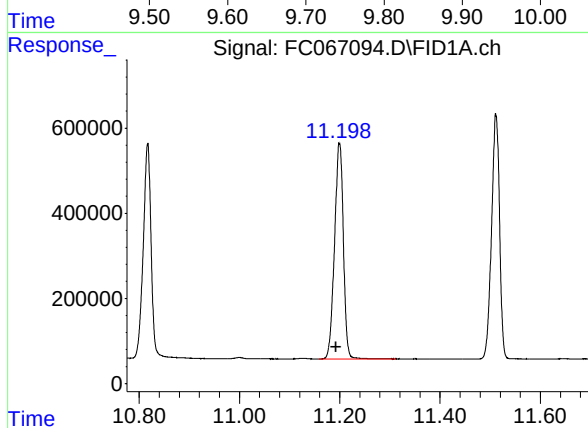
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: 0.007 min
Response: 6230845
Conc: 48.35 ug/ml



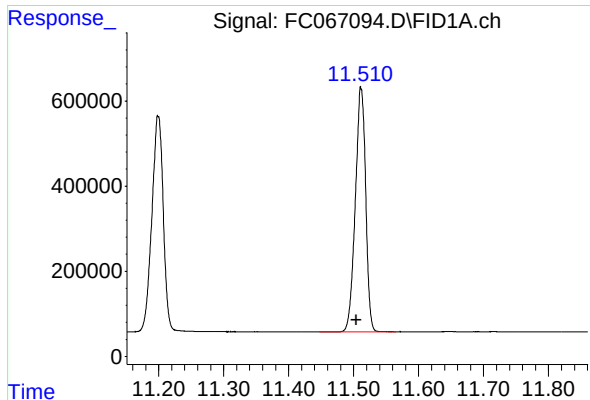
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: 0.006 min
Response: 6241625
Conc: 48.41 ug/ml



#8 n-Octadecane (C18)

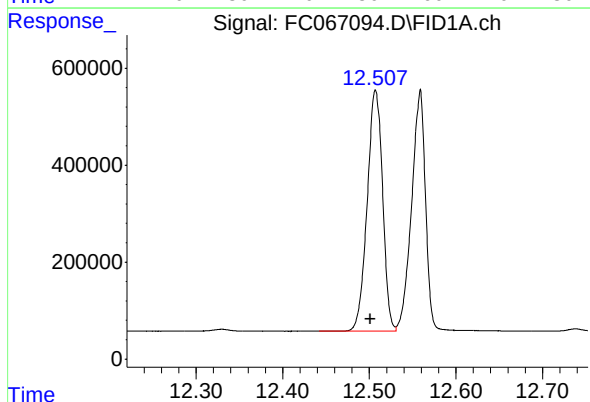
R.T.: 11.199 min
Delta R.T.: 0.007 min
Response: 6219900
Conc: 48.61 ug/ml



#9 ortho-Terphenyl (SURR)

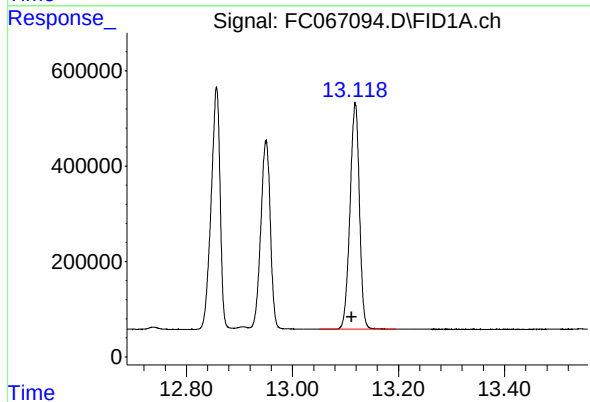
R.T.: 11.512 min
Delta R.T.: 0.008 min
Response: 6358193
Conc: 45.66 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163257BS



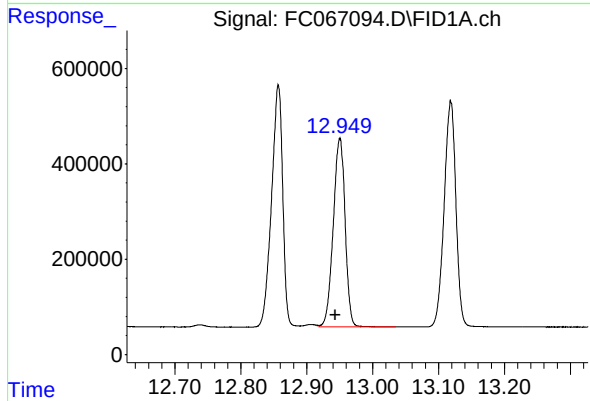
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.006 min
Response: 6140017
Conc: 51.12 ug/ml



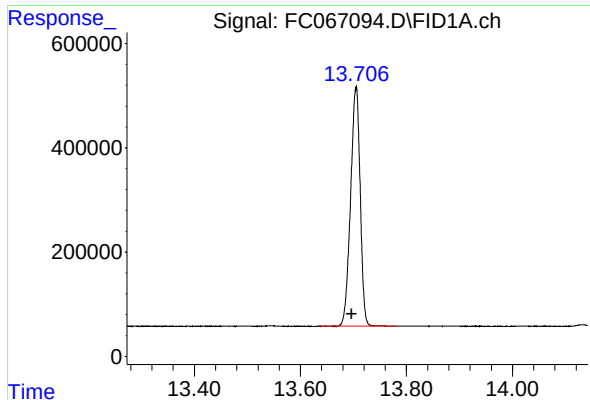
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.007 min
Response: 5863653
Conc: 50.21 ug/ml



#12 1-chlorooctadecane (SURR)

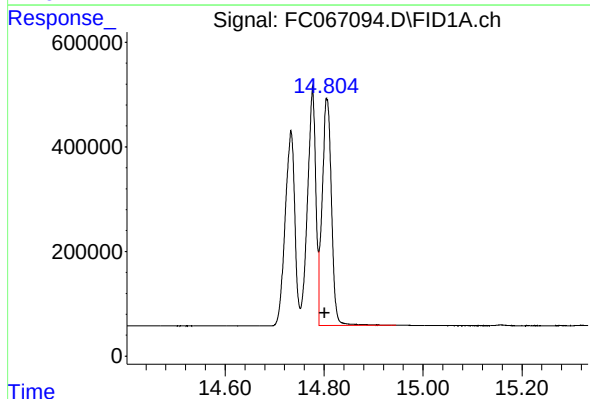
R.T.: 12.950 min
Delta R.T.: 0.007 min
Response: 4962387
Conc: 50.80 ug/ml



#13 n-Docosane (C22)

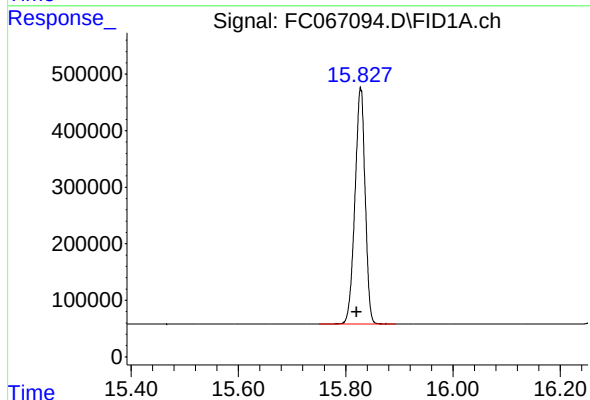
R.T.: 13.705 min
Delta R.T.: 0.008 min
Response: 5762338
Conc: 49.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163257BS



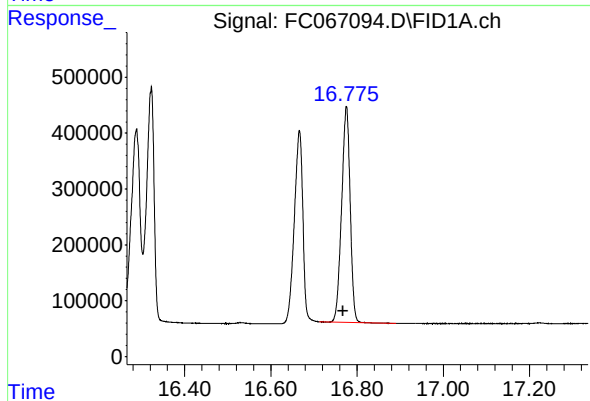
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.005 min
Response: 5650741
Conc: 49.76 ug/ml



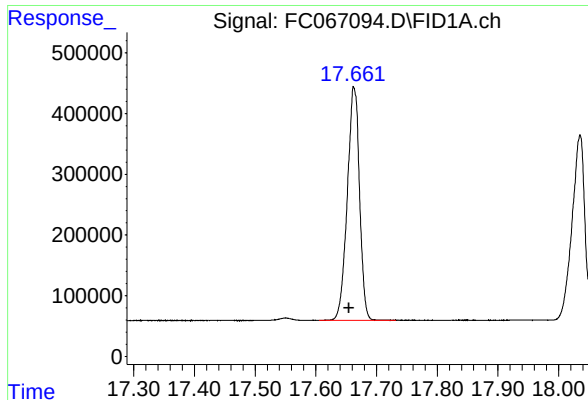
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: 0.008 min
Response: 5505682
Conc: 49.68 ug/ml



#16 n-Octacosane (C28)

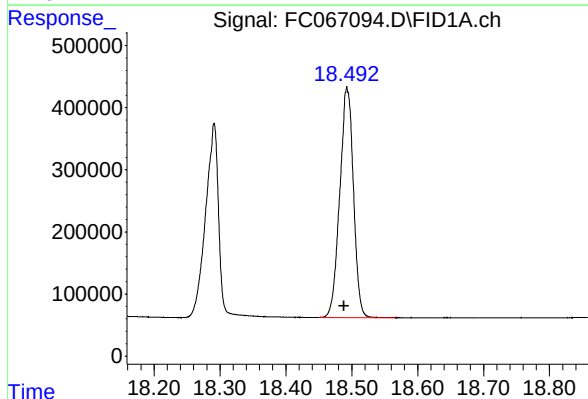
R.T.: 16.775 min
Delta R.T.: 0.007 min
Response: 5300695
Conc: 49.07 ug/ml



#17 n-Tricontane (C30)

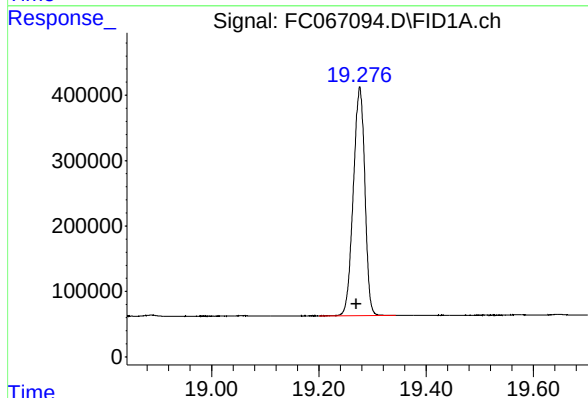
R.T.: 17.663 min
Delta R.T.: 0.009 min
Response: 5387959
Conc: 49.53 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163257BS



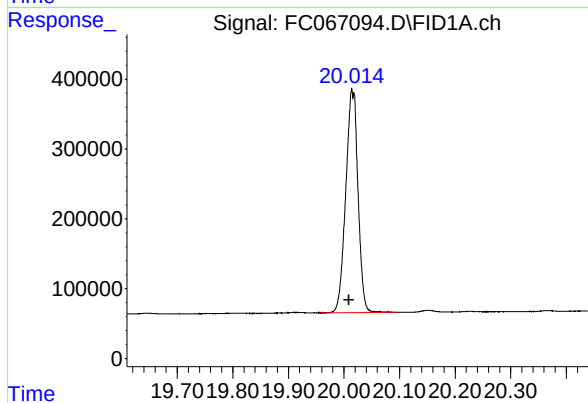
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.005 min
Response: 5331568
Conc: 51.11 ug/ml



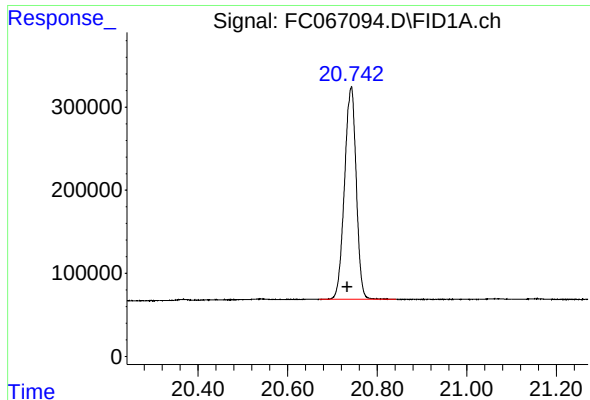
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.006 min
Response: 5223126
Conc: 56.61 ug/ml



#20 n-Hexatriacontane (C36)

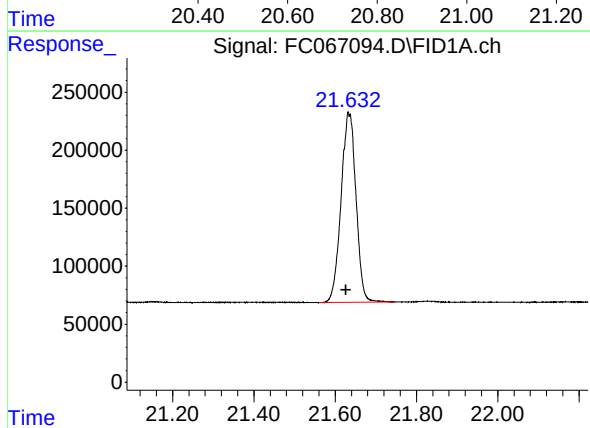
R.T.: 20.015 min
Delta R.T.: 0.006 min
Response: 4890040
Conc: 61.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.008 min
Response: 4642876
Conc: 61.81 ug/ml

Instrument :
FID_C
ClientSampleId :
PB163257BS



#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: 0.007 min
Response: 4171460
Conc: 59.71 ug/ml