

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
 Data File : FC066794.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2024 12:39
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 15 13:57:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:49:40 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)	11.521	785209	5.100 ug/ml
Spiked Amount 50.000		Recovery =	10.20%
12) S 1-chlorooctadecane (S...	12.961	551048	4.928 ug/ml
Spiked Amount 50.000		Recovery =	9.86%
Target Compounds			
1) T n-Nonane (C9)	3.286	745362	5.253 ug/ml
2) T n-Decane (C10)	4.353	757029	5.121 ug/ml
3) T A~Naphthalene (C11.7)	5.935	811161	5.079 ug/ml
4) T n-Dodecane (C12)	6.372	759715	5.068 ug/ml
5) T A~2-methylnaphthalene...	6.991	758630	4.949 ug/ml
6) T n-Tetradecane (C14)	8.167	738155	5.045 ug/ml
7) T n-Hexadecane (C16)	9.767	756254	5.053 ug/ml
8) T n-Octadecane (C18)	11.209	750938	5.060 ug/ml
10) T n-Eicosane (C20)	12.518	702061	5.037 ug/ml
11) T n-Heneicosane (C21)	13.129	690648	5.070 ug/ml
13) T n-Docosane (C22)	13.715	683204	5.086 ug/ml
14) T n-Tetracosane (C24)	14.818	687074	5.165 ug/ml
15) T n-Hexacosane (C26)	15.838	673608	5.177 ug/ml
16) T n-Octacosane (C28)	16.787	641917	5.088 ug/ml
17) T n-Tricontane (C30)	17.674	657699	5.115 ug/ml
18) T n-Dotriacontane (C32)	18.507	641719	5.097 ug/ml
19) T n-Tetratriacontane (C34)	19.290	638202	5.159 ug/ml
20) T n-Hexatriacontane (C36)	20.029	590861	5.079 ug/ml
21) T n-Octatriacontane (C38)	20.758	558703	5.029 ug/ml
22) T n-Tetracontane (C40)	21.654	574890	5.288 ug/ml

(f)=RT Delta > 1/2 Window

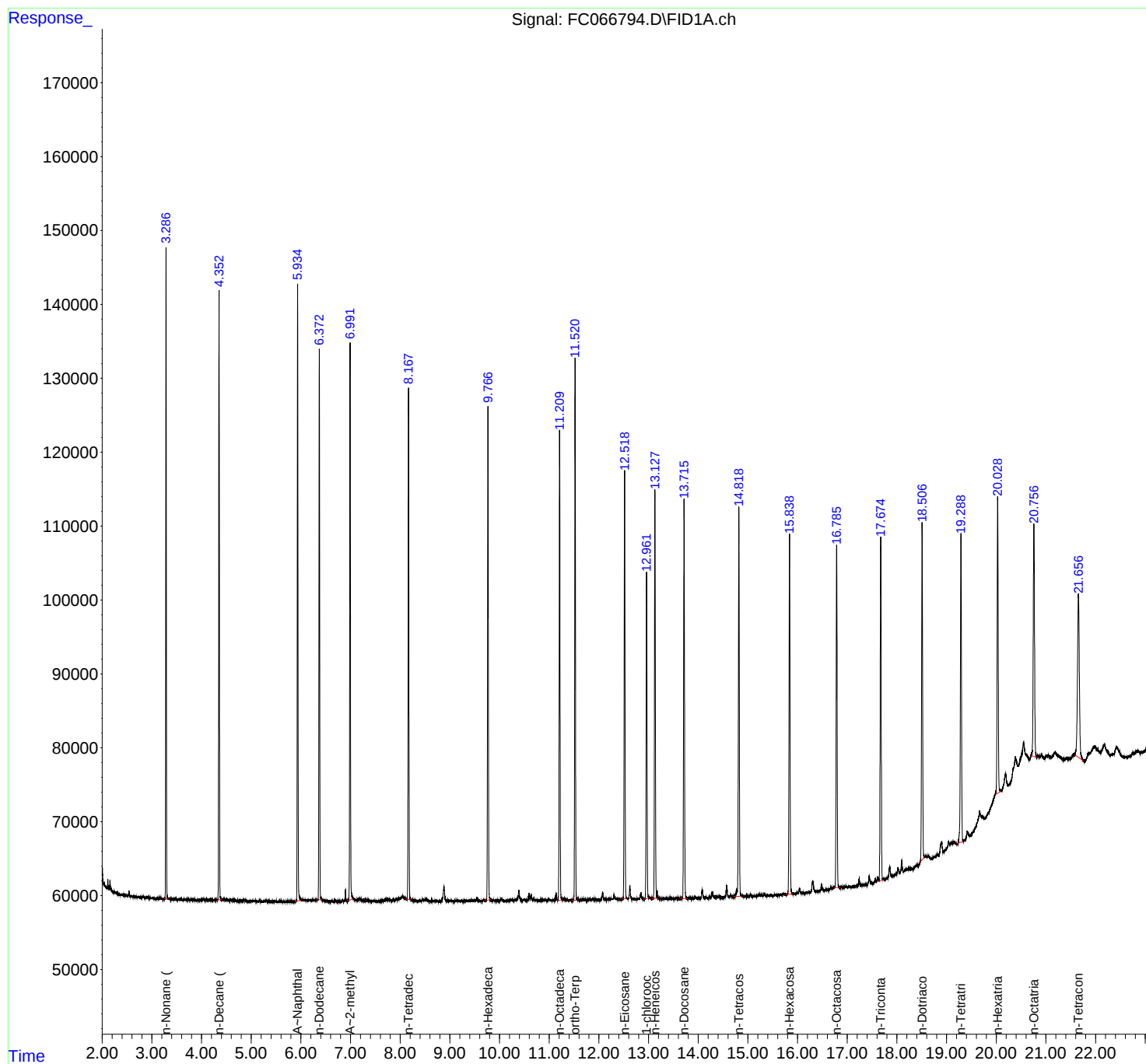
(m)=manual int.

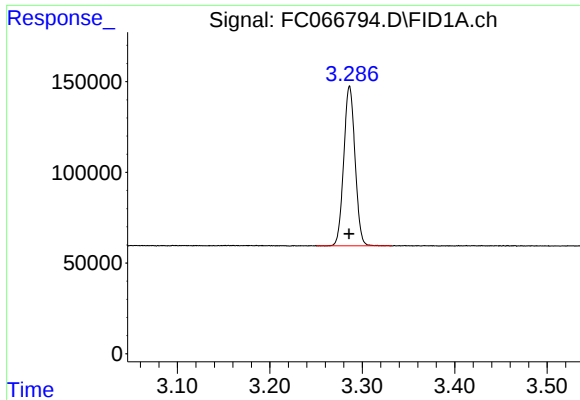
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
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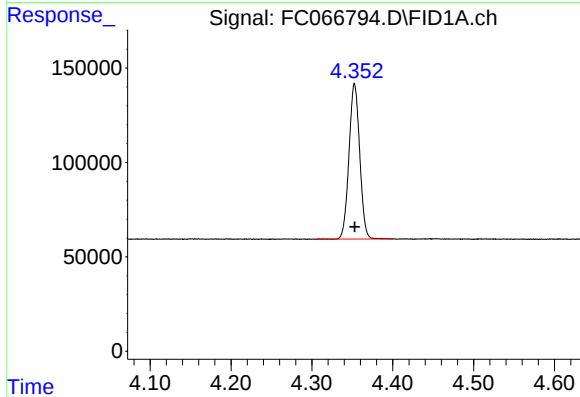




#1 n-Nonane (C9)

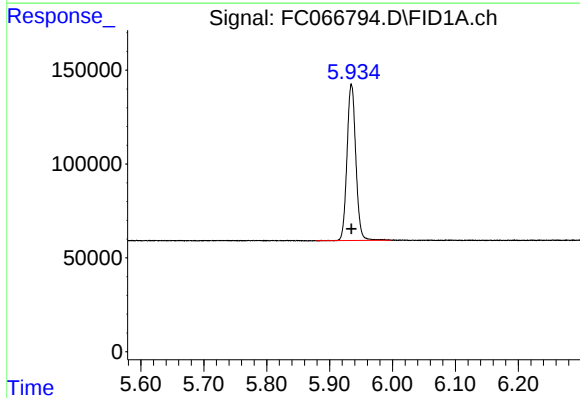
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 745362
Conc: 5.25 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



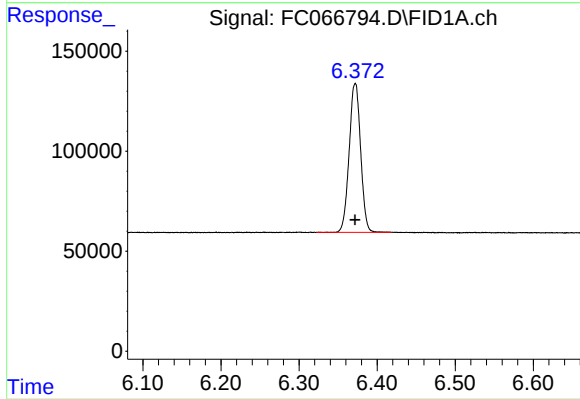
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 757029
Conc: 5.12 ug/ml



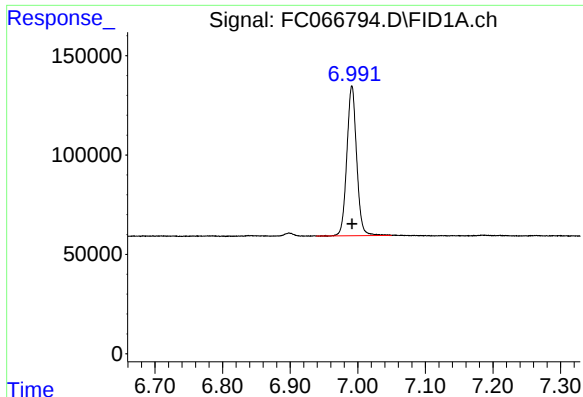
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 811161
Conc: 5.08 ug/ml



#4 n-Dodecane (C12)

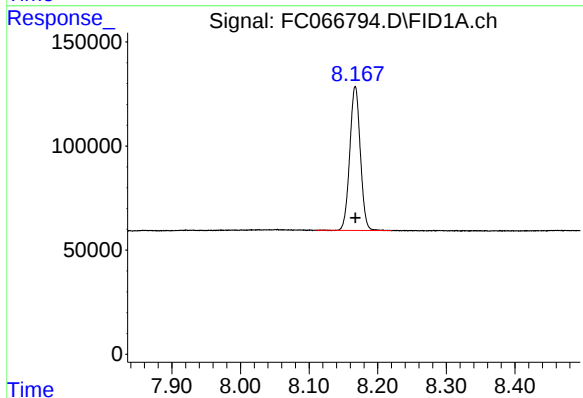
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 759715
Conc: 5.07 ug/ml



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

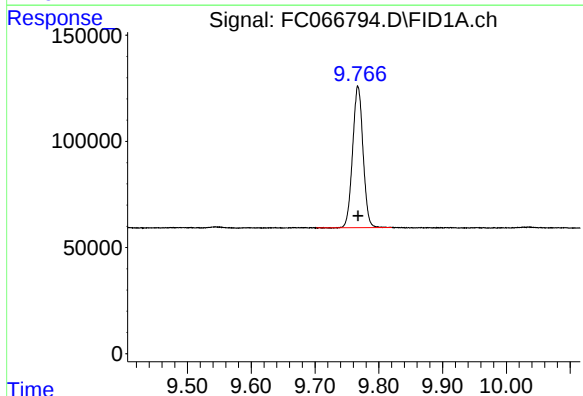
R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 758630
Conc: 4.95 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



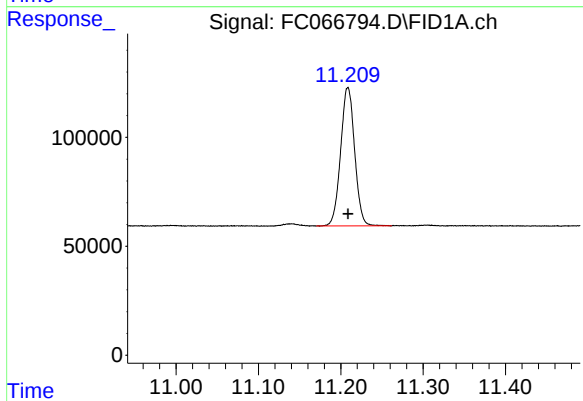
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 738155
Conc: 5.05 ug/ml



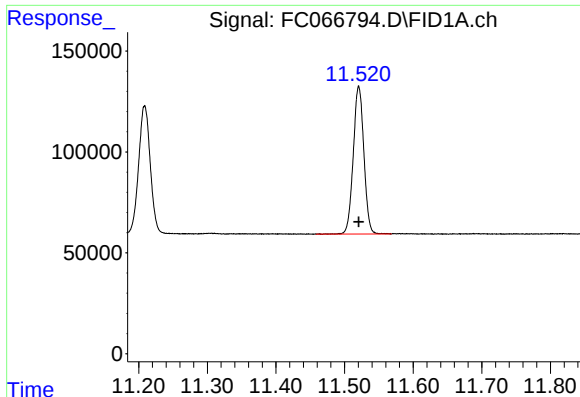
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: 0.000 min
Response: 756254
Conc: 5.05 ug/ml



#8 n-Octadecane (C18)

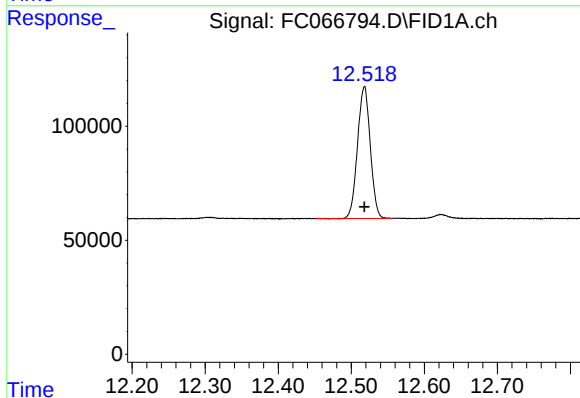
R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 750938
Conc: 5.06 ug/ml



#9 ortho-Terphenyl (SURR)

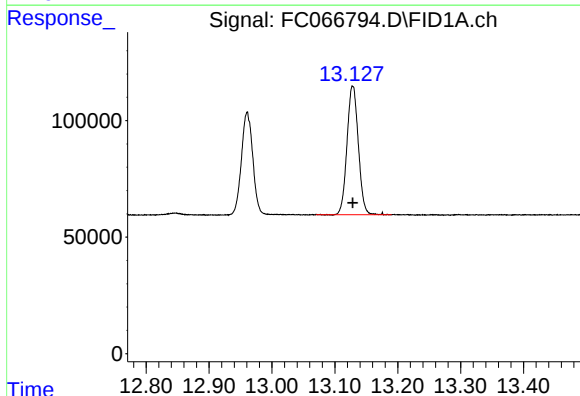
R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 785209
Conc: 5.10 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



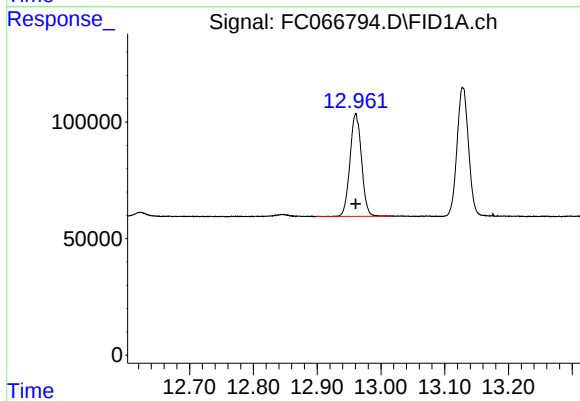
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 702061
Conc: 5.04 ug/ml



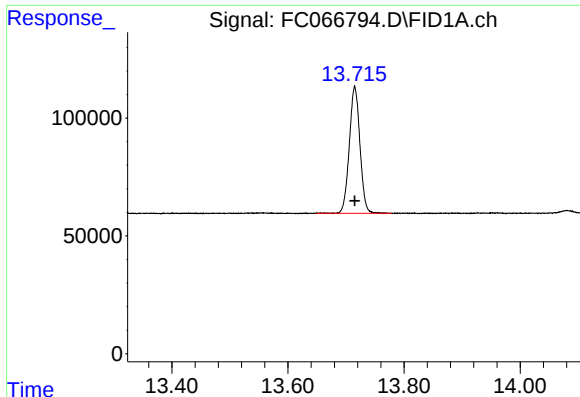
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 690648
Conc: 5.07 ug/ml



#12 1-chlorooctadecane (SURR)

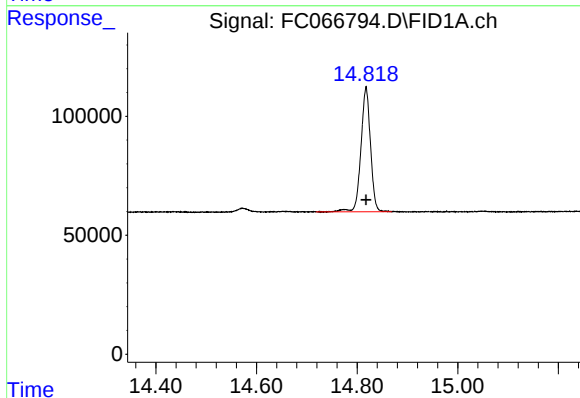
R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 551048
Conc: 4.93 ug/ml



#13 n-Docosane (C22)

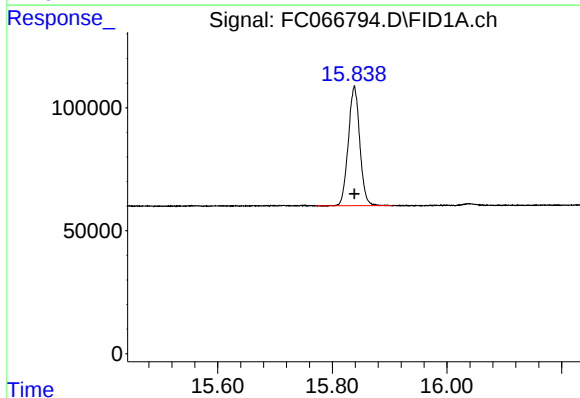
R.T.: 13.715 min
Delta R.T.: 0.000 min
Response: 683204
Conc: 5.09 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



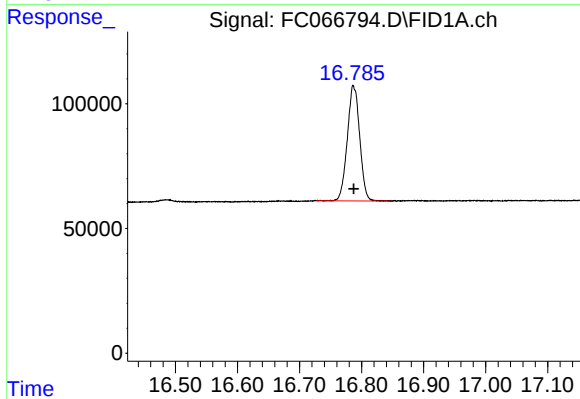
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 687074
Conc: 5.17 ug/ml



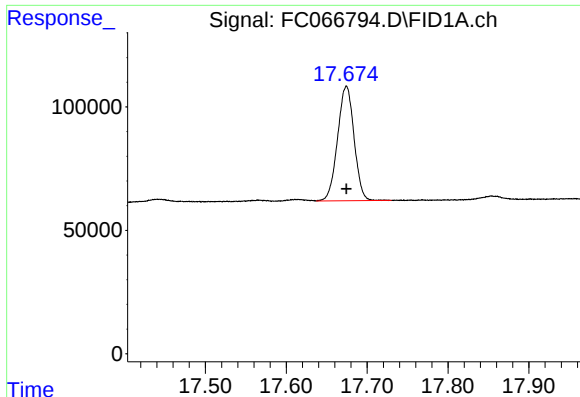
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.000 min
Response: 673608
Conc: 5.18 ug/ml



#16 n-Octacosane (C28)

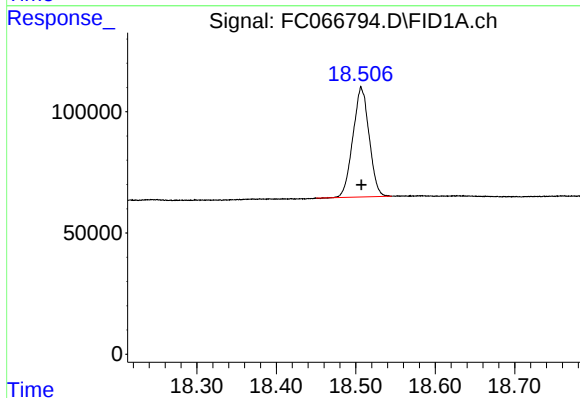
R.T.: 16.787 min
Delta R.T.: 0.000 min
Response: 641917
Conc: 5.09 ug/ml



#17 n-Tricontane (C30)

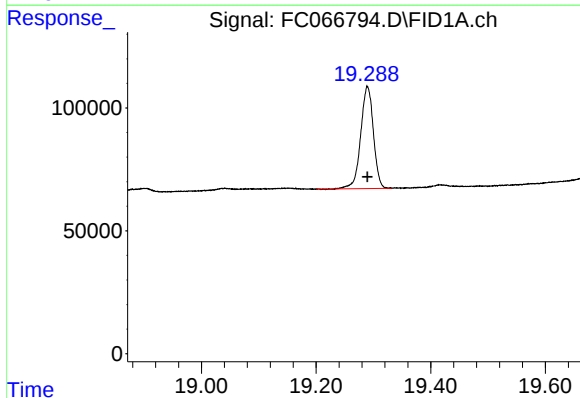
R.T.: 17.674 min
Delta R.T.: 0.000 min
Response: 657699
Conc: 5.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



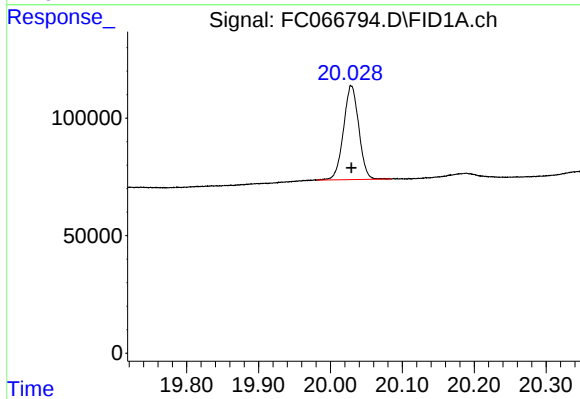
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.000 min
Response: 641719
Conc: 5.10 ug/ml



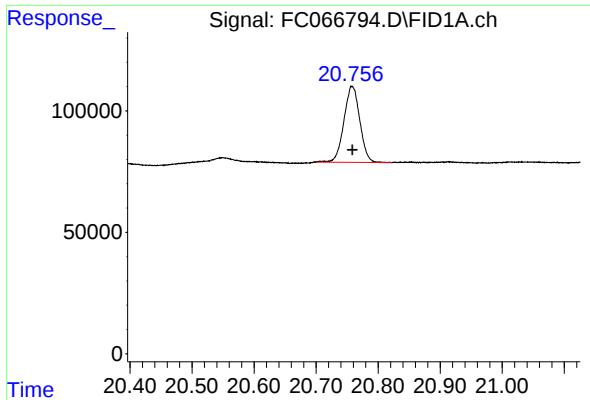
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.000 min
Response: 638202
Conc: 5.16 ug/ml



#20 n-Hexatriacontane (C36)

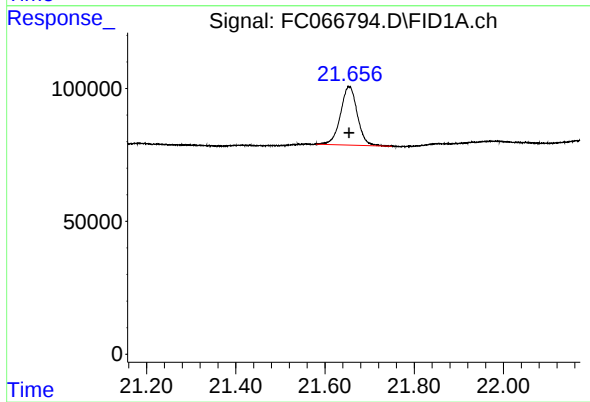
R.T.: 20.029 min
Delta R.T.: 0.000 min
Response: 590861
Conc: 5.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.000 min
Response: 558703
Conc: 5.03 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.654 min
Delta R.T.: 0.000 min
Response: 574890
Conc: 5.29 ug/ml