

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071524AL\
 Data File : FC066791.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2024 10:40
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 15 13:54:39 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)	11.527	7442069	47.484 ug/ml
Spiked Amount 50.000		Recovery =	94.97%
12) S 1-chlorooctadecane (S...	12.965	5492623	47.501 ug/ml
Spiked Amount 50.000		Recovery =	95.00%
Target Compounds			
1) T n-Nonane (C9)	3.288	6994952	49.067 ug/ml
2) T n-Decane (C10)	4.355	7168795	47.776 ug/ml
3) T A~Naphthalene (C11.7)	5.937	7739223	47.608 ug/ml
4) T n-Dodecane (C12)	6.375	7184682	47.007 ug/ml
5) T A~2-methylnaphthalene...	6.995	7410057	46.989 ug/ml
6) T n-Tetradecane (C14)	8.170	7019423	46.947 ug/ml
7) T n-Hexadecane (C16)	9.772	7155726	46.871 ug/ml
8) T n-Octadecane (C18)	11.214	7112328	46.979 ug/ml
10) T n-Eicosane (C20)	12.523	6719851	47.196 ug/ml
11) T n-Heneicosane (C21)	13.134	6570503	47.315 ug/ml
13) T n-Docosane (C22)	13.720	6490838	47.401 ug/ml
14) T n-Tetracosane (C24)	14.822	6409722	47.523 ug/ml
15) T n-Hexacosane (C26)	15.842	6259504	47.531 ug/ml
16) T n-Octacosane (C28)	16.792	6095517	47.433 ug/ml
17) T n-Tricontane (C30)	17.679	6142405	47.118 ug/ml
18) T n-Dotriacontane (C32)	18.511	5985299	46.913 ug/ml
19) T n-Tetratriacontane (C34)	19.296	5782662	46.402 ug/ml
20) T n-Hexatriacontane (C36)	20.034	5542069	46.925 ug/ml
21) T n-Octatriacontane (C38)	20.764	5289429	46.660 ug/ml
22) T n-Tetracontane (C40)	21.663	5070203	46.662 ug/ml

(f)=RT Delta > 1/2 Window

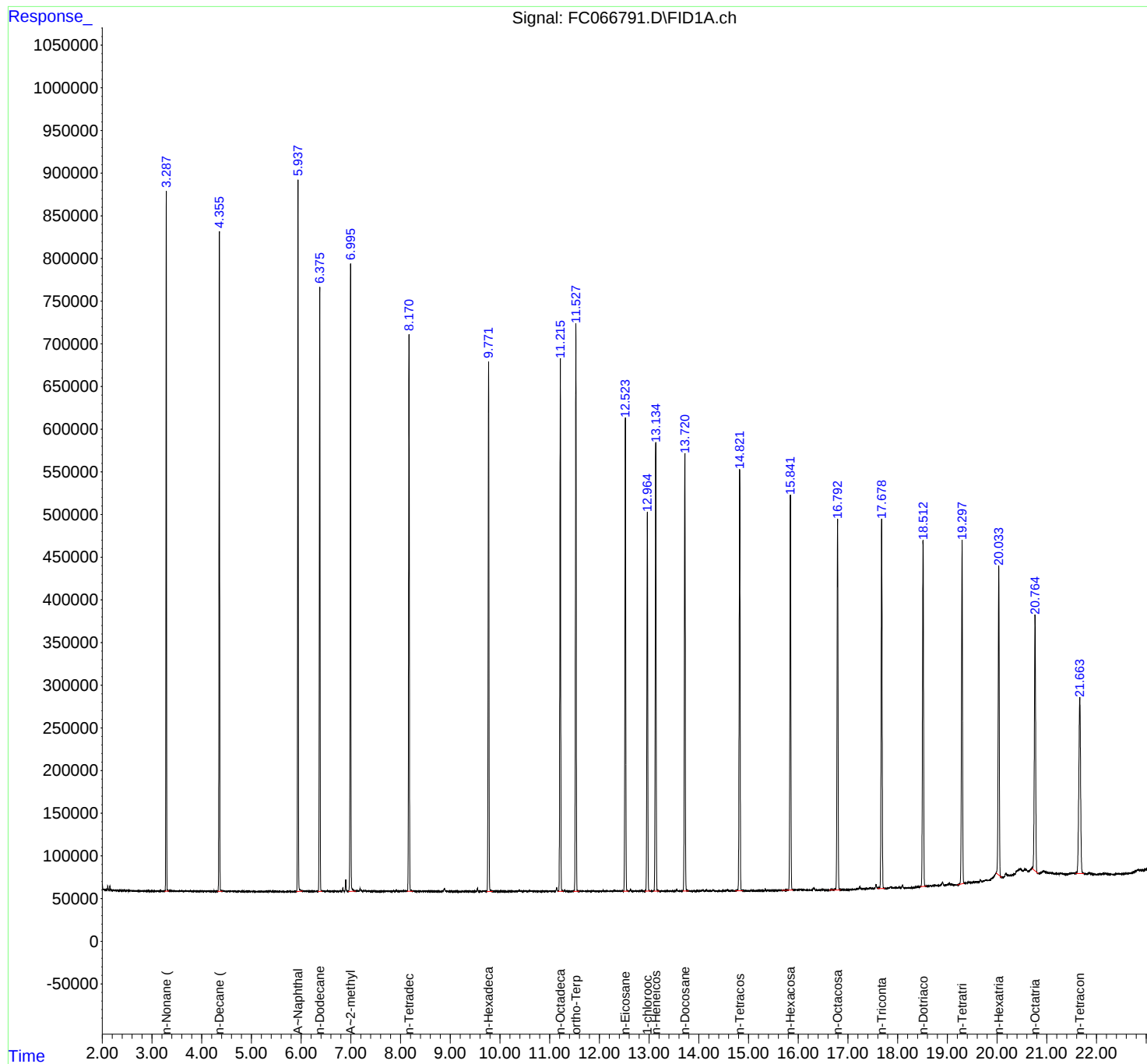
(m)=manual int.

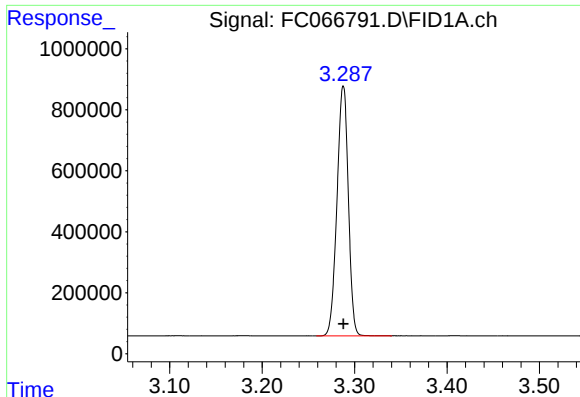
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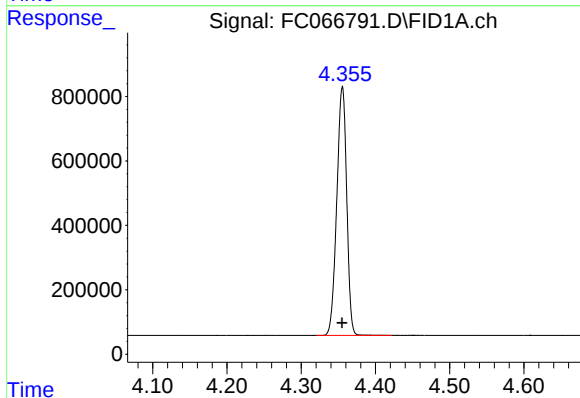




#1 n-Nonane (C9)

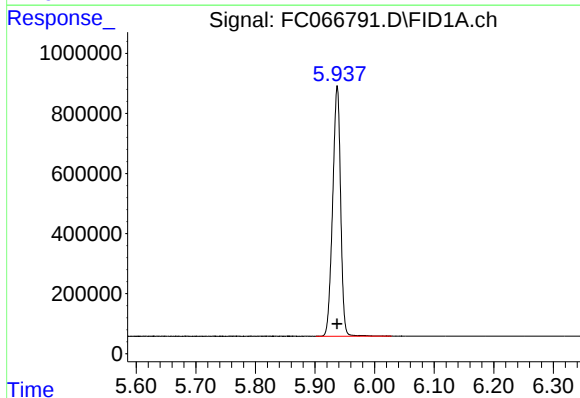
R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 6994952
Conc: 49.07 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



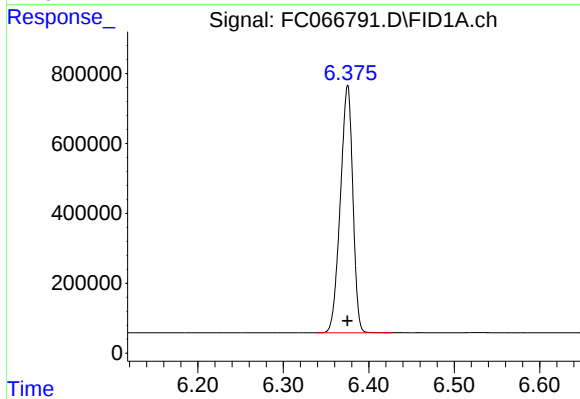
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 7168795
Conc: 47.78 ug/ml



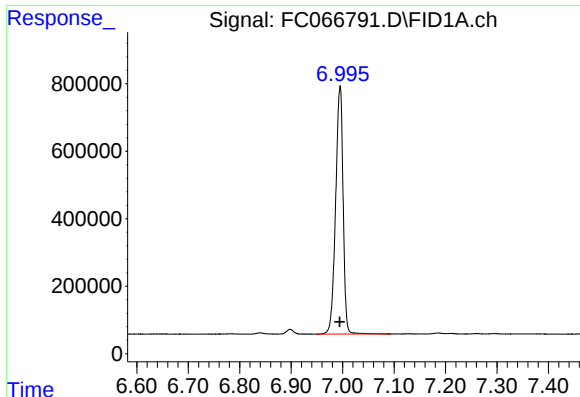
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 7739223
Conc: 47.61 ug/ml



#4 n-Dodecane (C12)

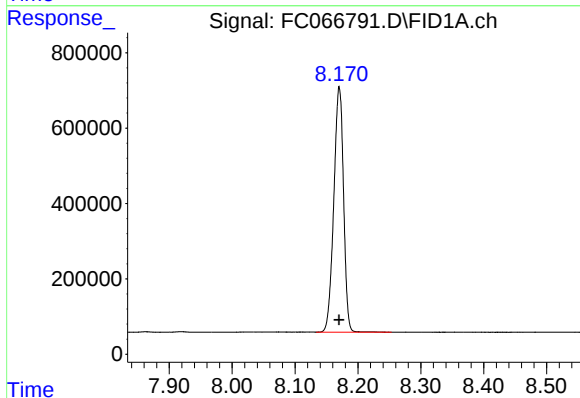
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 7184682
Conc: 47.01 ug/ml



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

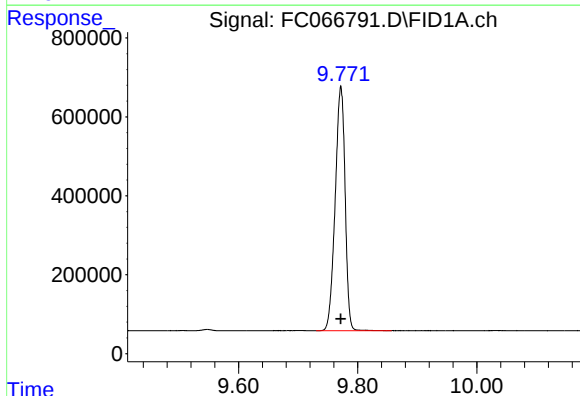
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 7410057
Conc: 46.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



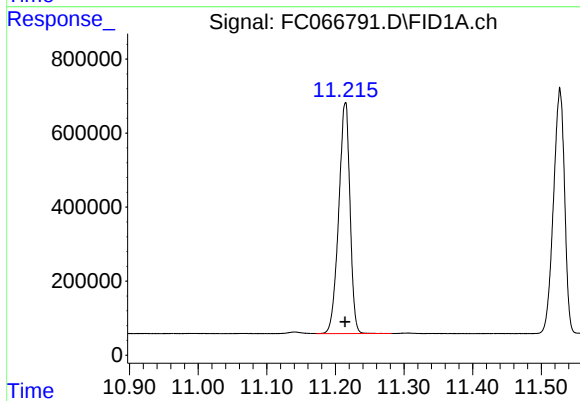
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: 0.000 min
Response: 7019423
Conc: 46.95 ug/ml



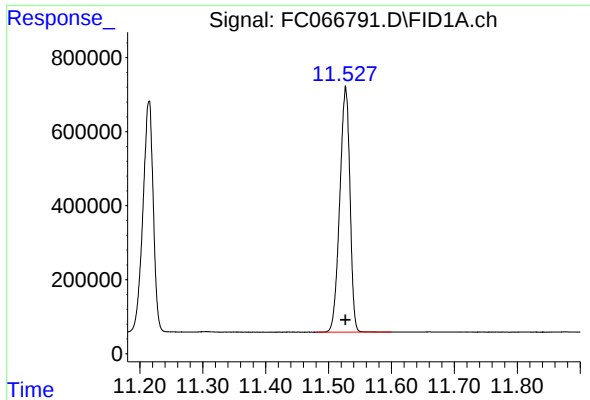
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 7155726
Conc: 46.87 ug/ml



#8 n-Octadecane (C18)

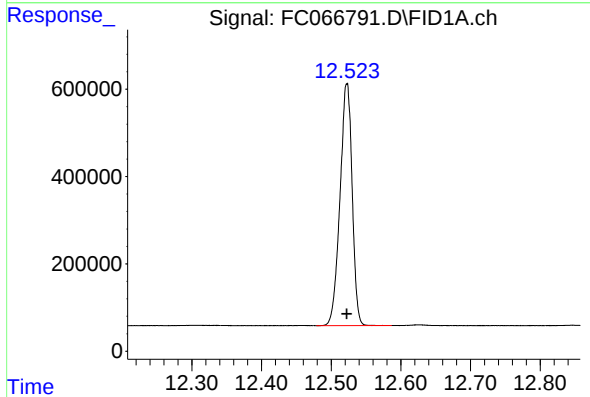
R.T.: 11.214 min
Delta R.T.: 0.000 min
Response: 7112328
Conc: 46.98 ug/ml



#9 ortho-Terphenyl (SURR)

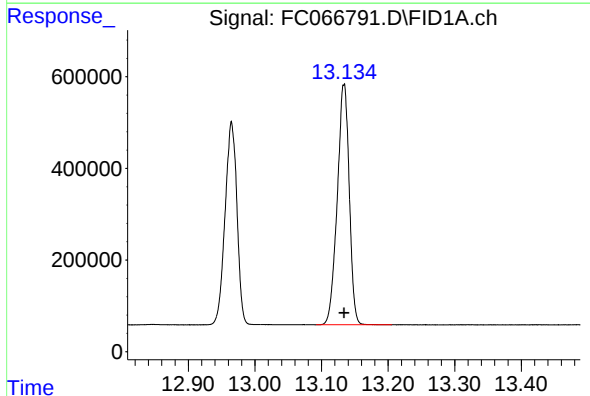
R.T.: 11.527 min
Delta R.T.: 0.000 min
Response: 7442069
Conc: 47.48 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



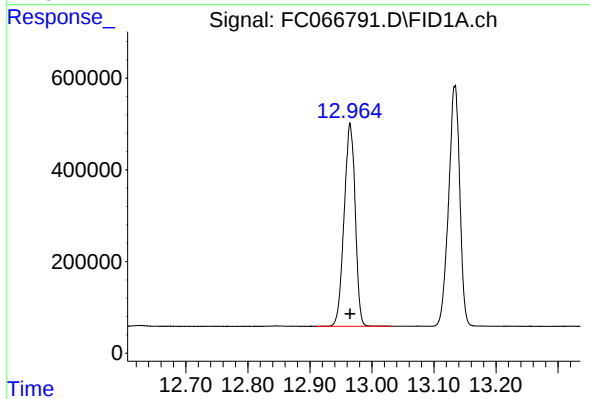
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 6719851
Conc: 47.20 ug/ml



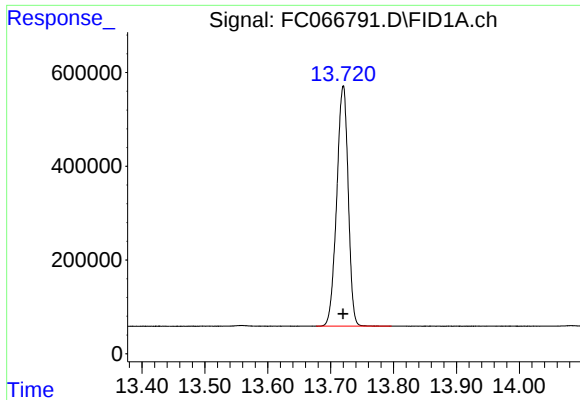
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 6570503
Conc: 47.32 ug/ml



#12 1-chlorooctadecane (SURR)

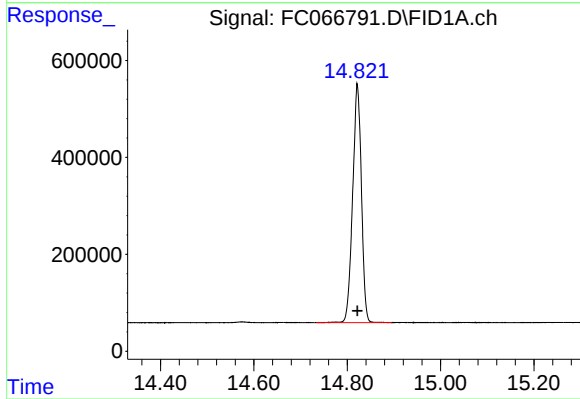
R.T.: 12.965 min
Delta R.T.: 0.000 min
Response: 5492623
Conc: 47.50 ug/ml



#13 n-Docosane (C22)

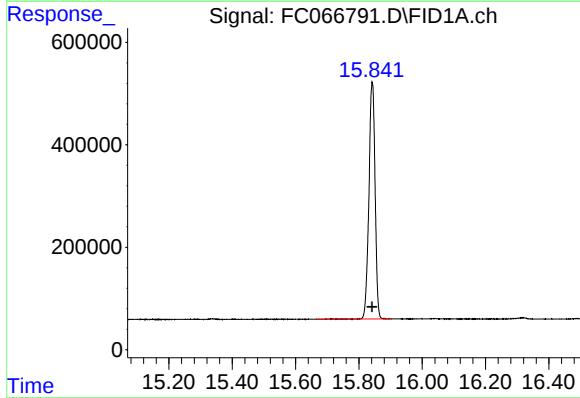
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 6490838
Conc: 47.40 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



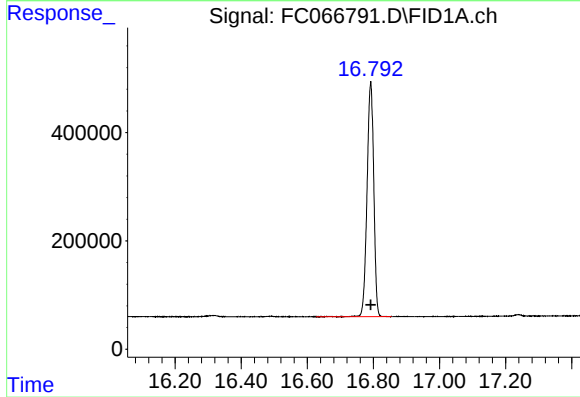
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.000 min
Response: 6409722
Conc: 47.52 ug/ml



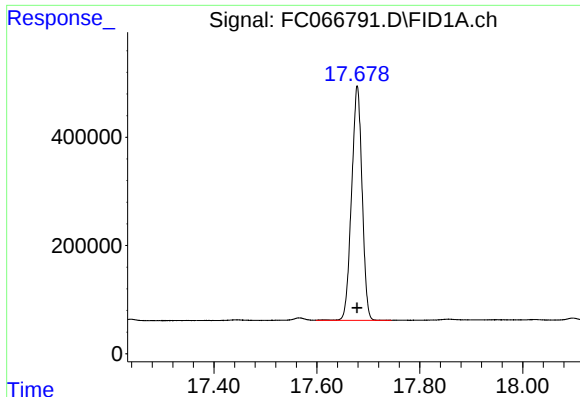
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.000 min
Response: 6259504
Conc: 47.53 ug/ml



#16 n-Octacosane (C28)

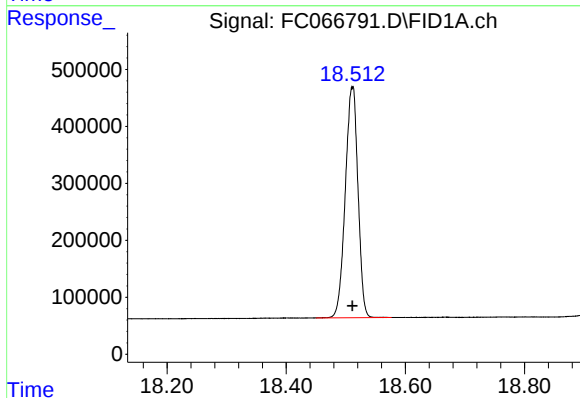
R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 6095517
Conc: 47.43 ug/ml



#17 n-Tricontane (C30)

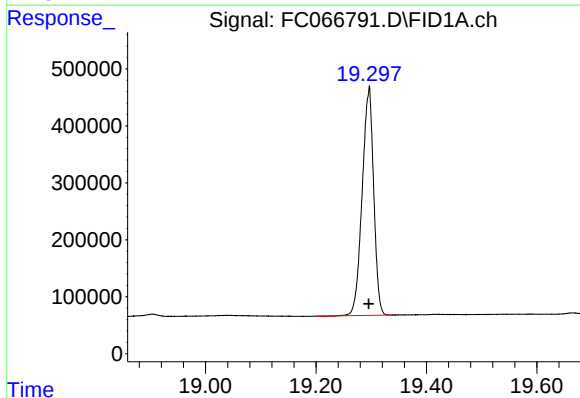
R.T.: 17.679 min
Delta R.T.: 0.000 min
Response: 6142405
Conc: 47.12 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



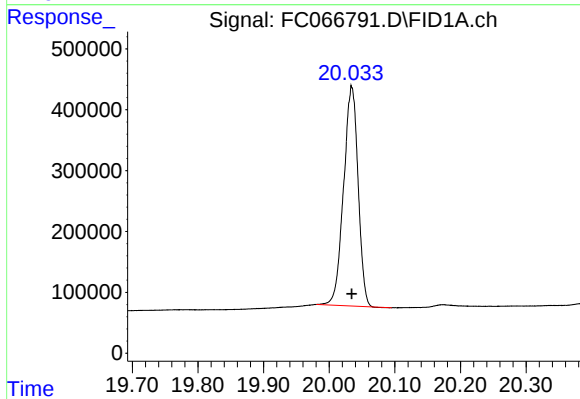
#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: 0.000 min
Response: 5985299
Conc: 46.91 ug/ml



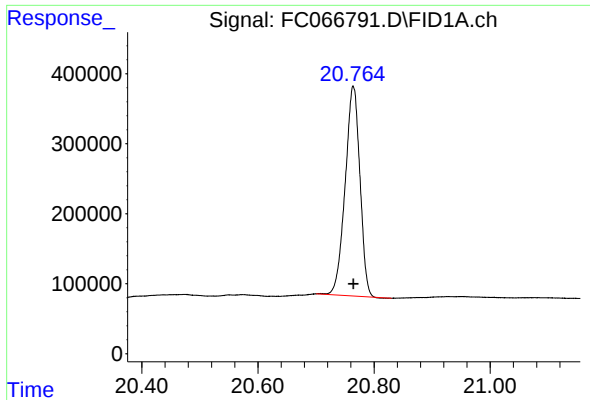
#19 n-Tetratriacontane (C34)

R.T.: 19.296 min
Delta R.T.: 0.000 min
Response: 5782662
Conc: 46.40 ug/ml



#20 n-Hexatriacontane (C36)

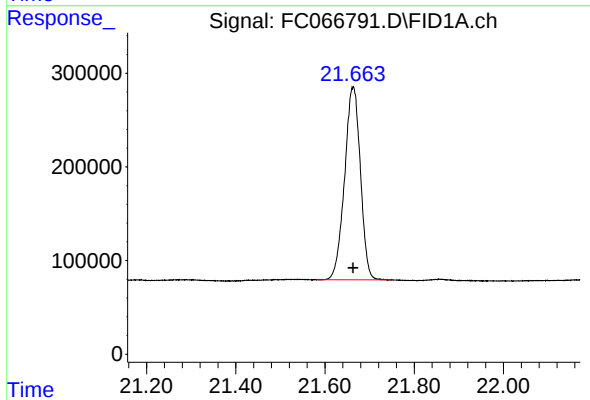
R.T.: 20.034 min
Delta R.T.: 0.000 min
Response: 5542069
Conc: 46.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: 0.000 min
Response: 5289429
Conc: 46.66 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: 0.000 min
Response: 5070203
Conc: 46.66 ug/ml