

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066772.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2024 01:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 12 04:37:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.526	3034175	17.591 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
12) S 1-chlorooctadecane (S...	12.964	2302815	16.689 ug/ml
Spiked Amount 50.000		Recovery =	33.38%
Target Compounds			
1) T n-Nonane (C9)	3.290	2765244	19.032 ug/ml
2) T n-Decane (C10)	4.356	2909938	19.509 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3142797	19.357 ug/ml
4) T n-Dodecane (C12)	6.375	2920563	19.270 ug/ml
5) T A~2-methylnaphthalene...	6.994	3021467	19.019 ug/ml
6) T n-Tetradecane (C14)	8.169	2857478	18.838 ug/ml
7) T n-Hexadecane (C16)	9.770	2956641	18.457 ug/ml
8) T n-Octadecane (C18)	11.212	2922200	17.612 ug/ml
10) T n-Eicosane (C20)	12.521	2768401	17.029 ug/ml
11) T n-Heneicosane (C21)	13.132	2699574	16.755 ug/ml
13) T n-Docosane (C22)	13.718	2692500	16.794 ug/ml
14) T n-Tetracosane (C24)	14.821	2697931	16.999 ug/ml
15) T n-Hexacosane (C26)	15.841	2735863	17.917 ug/ml
16) T n-Octacosane (C28)	16.791	2794388	19.372 ug/ml
17) T n-Tricontane (C30)	17.678	3113428	22.284 ug/ml
18) T n-Dotriacontane (C32)	18.511	3111857	23.580 ug/ml
19) T n-Tetratriacontane (C34)	19.294	2959902	23.933 ug/ml
20) T n-Hexatriacontane (C36)	20.034	3262762	27.072 ug/ml
21) T n-Octatriacontane (C38)	20.762	2582350	22.583 ug/ml
22) T n-Tetracontane (C40)	21.660	2498390	22.245 ug/ml

(f)=RT Delta > 1/2 Window

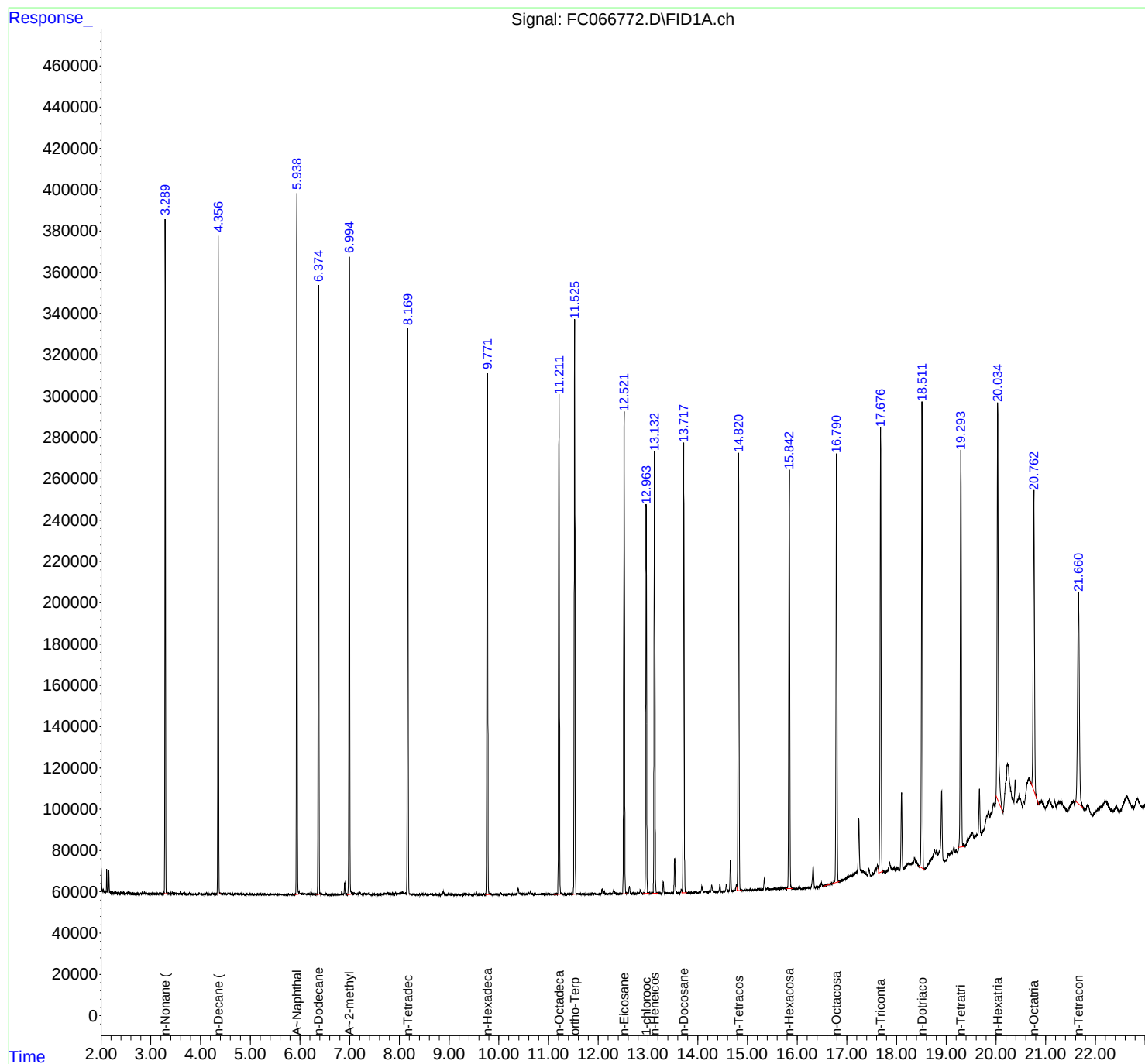
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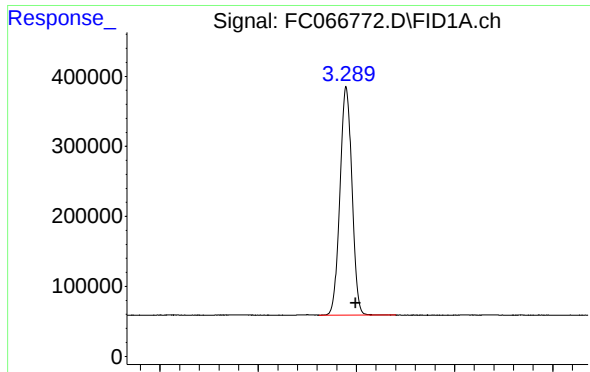
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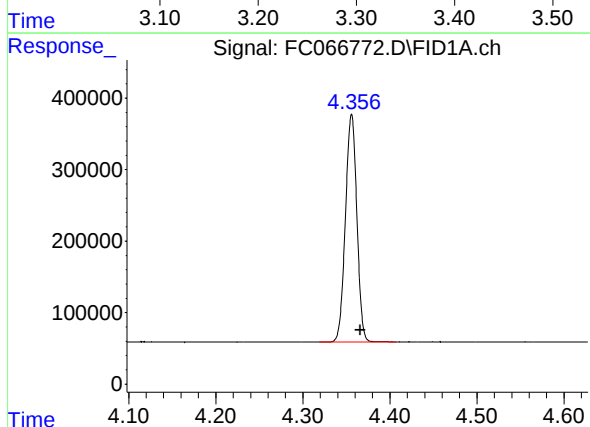
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 2765244
Conc: 19.03 ug/ml

Instrument :

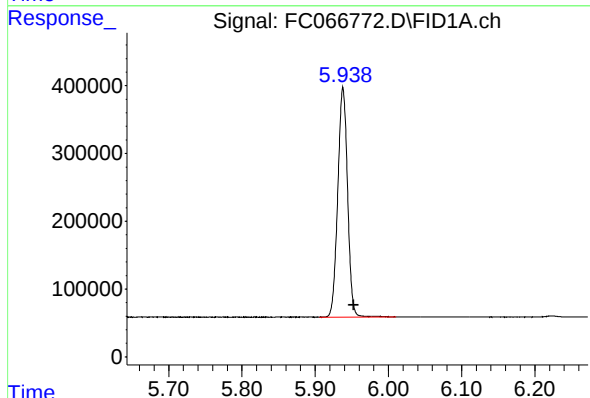
FID_C

ClientSampleId :



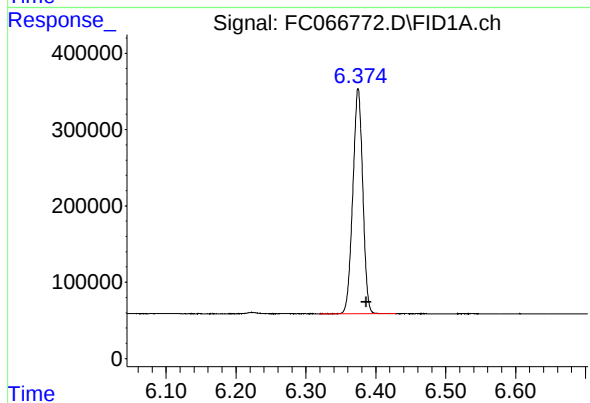
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.010 min
Response: 2909938
Conc: 19.51 ug/ml



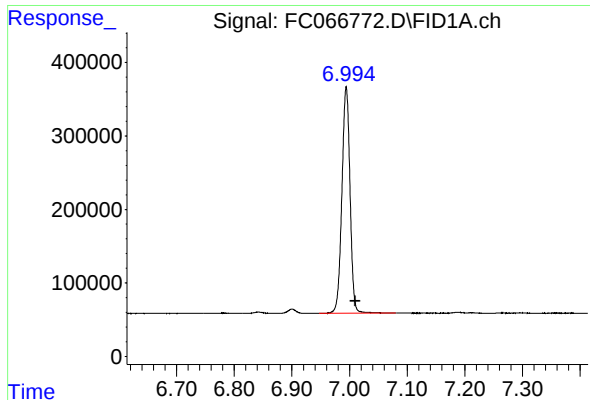
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: -0.015 min
Response: 3142797
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

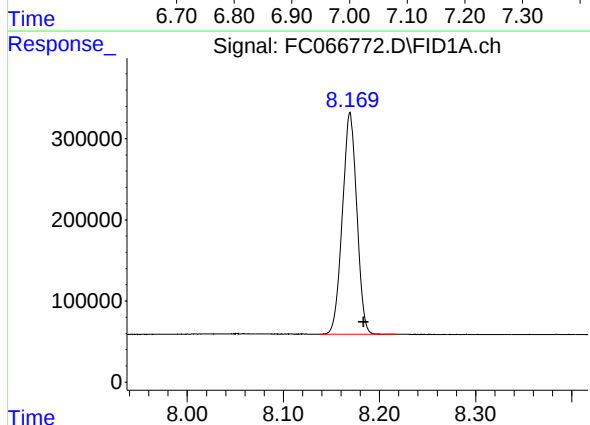
R.T.: 6.375 min
Delta R.T.: -0.012 min
Response: 2920563
Conc: 19.27 ug/ml



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

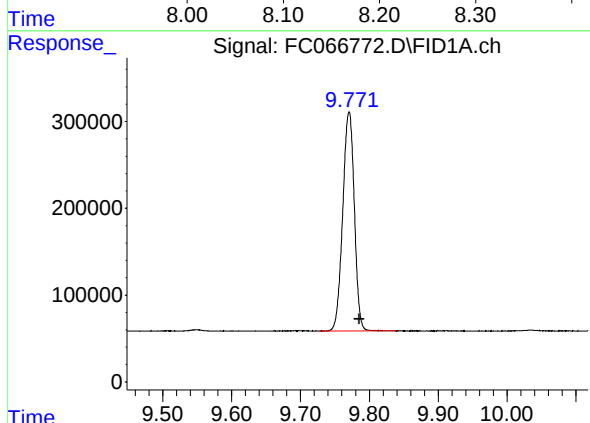
R.T.: 6.994 min
Delta R.T.: -0.016 min
Response: 3021467
Conc: 19.02 ug/ml

Instrument :
FID_C
ClientSampleId :



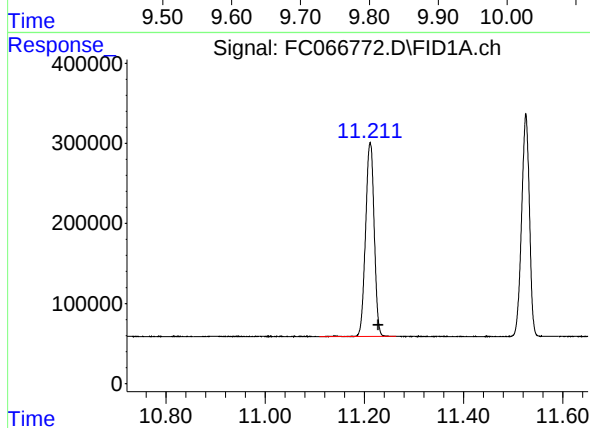
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.014 min
Response: 2857478
Conc: 18.84 ug/ml



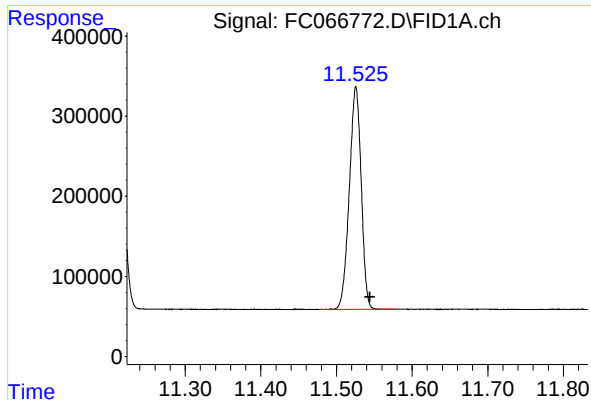
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.015 min
Response: 2956641
Conc: 18.46 ug/ml



#8 n-Octadecane (C18)

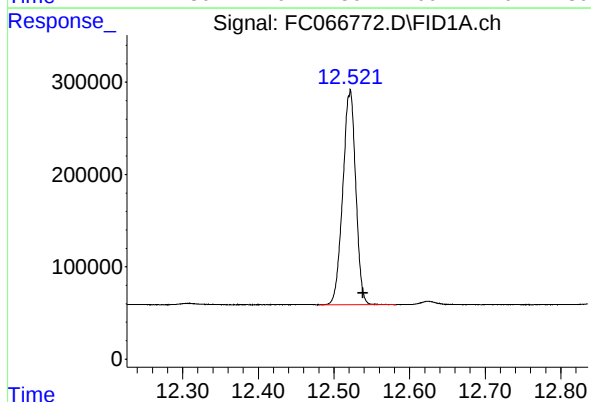
R.T.: 11.212 min
Delta R.T.: -0.017 min
Response: 2922200
Conc: 17.61 ug/ml



#9 ortho-Terphenyl (SURR)

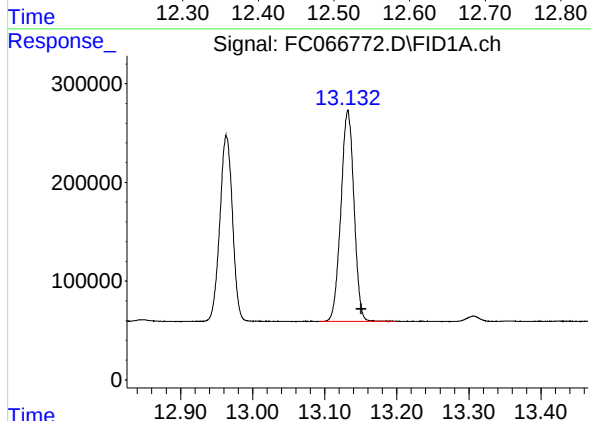
R.T.: 11.526 min
Delta R.T.: -0.019 min
Response: 3034175
Conc: 17.59 ug/ml

Instrument :
FID_C
ClientSampleId :



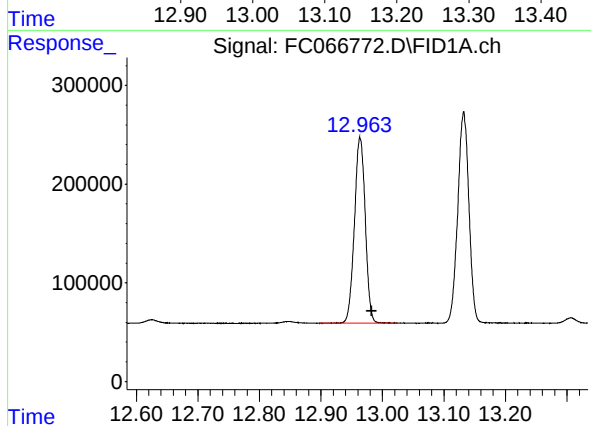
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.017 min
Response: 2768401
Conc: 17.03 ug/ml



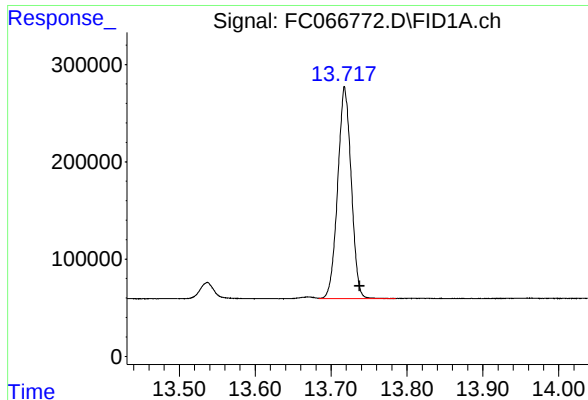
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.019 min
Response: 2699574
Conc: 16.75 ug/ml



#12 1-chlorooctadecane (SURR)

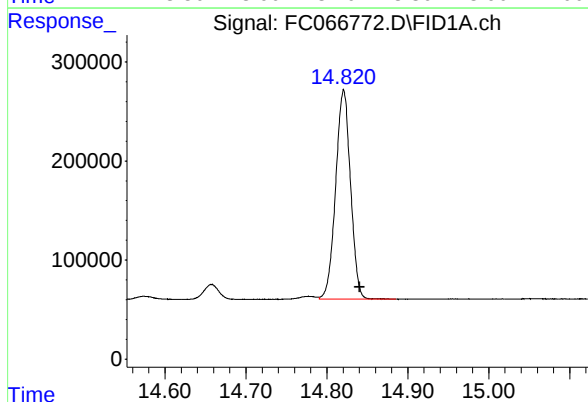
R.T.: 12.964 min
Delta R.T.: -0.019 min
Response: 2302815
Conc: 16.69 ug/ml



#13 n-Docosane (C22)

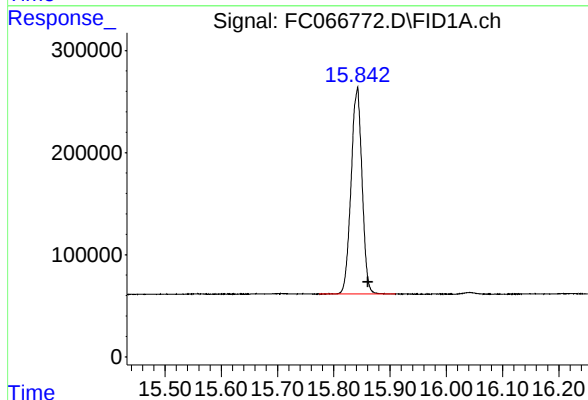
R.T.: 13.718 min
Delta R.T.: -0.020 min
Response: 2692500
Conc: 16.79 ug/ml

Instrument :
FID_C
ClientSampleId :



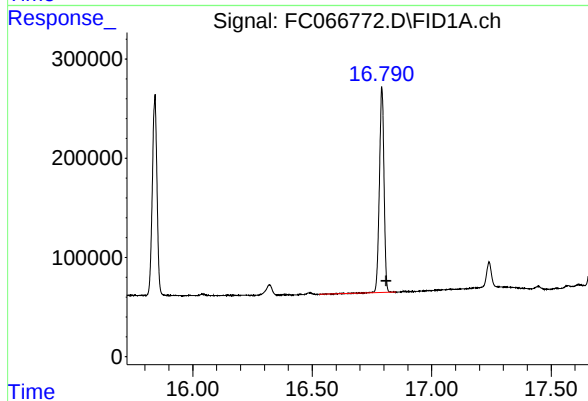
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: -0.020 min
Response: 2697931
Conc: 17.00 ug/ml



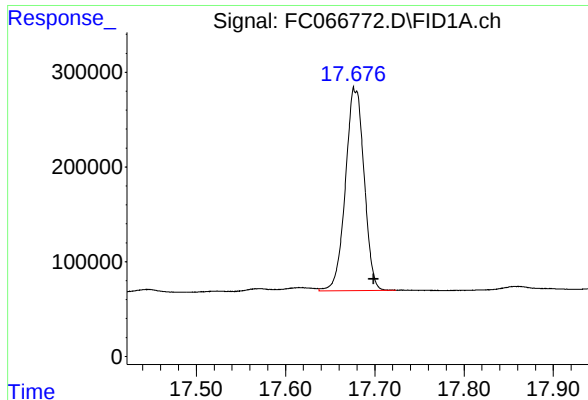
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.020 min
Response: 2735863
Conc: 17.92 ug/ml



#16 n-Octacosane (C28)

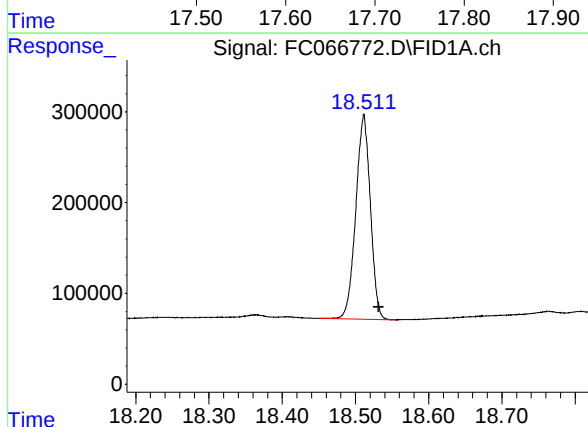
R.T.: 16.791 min
Delta R.T.: -0.019 min
Response: 2794388
Conc: 19.37 ug/ml



#17 n-Tricontane (C30)

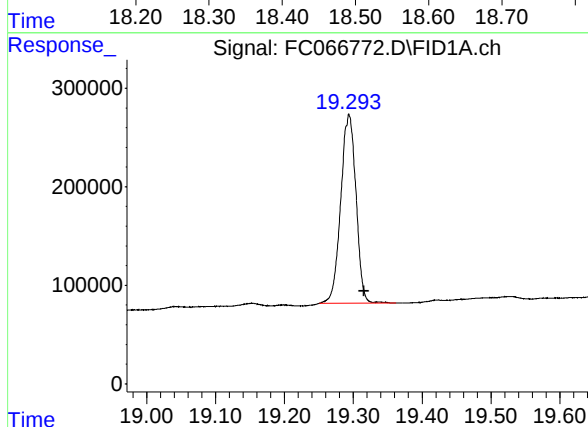
R.T.: 17.678 min
Delta R.T.: -0.021 min
Response: 3113428
Conc: 22.28 ug/ml

Instrument :
FID_C
ClientSampleId :



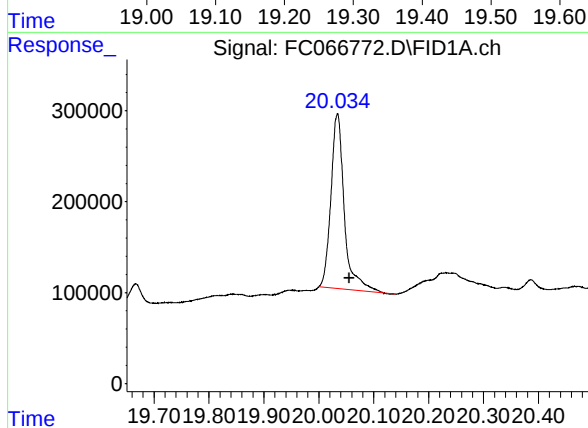
#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: -0.021 min
Response: 3111857
Conc: 23.58 ug/ml



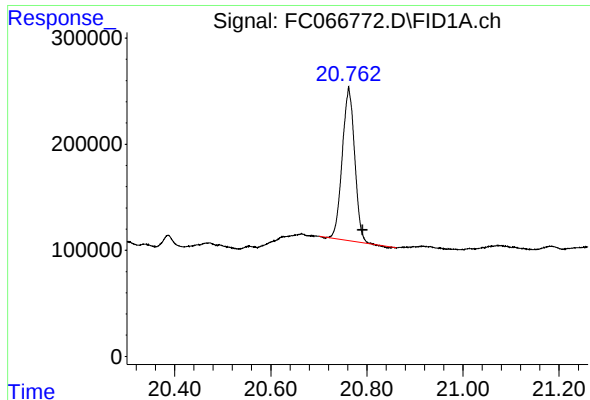
#19 n-Tetatriacontane (C34)

R.T.: 19.294 min
Delta R.T.: -0.022 min
Response: 2959902
Conc: 23.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.022 min
Response: 3262762
Conc: 27.07 ug/ml



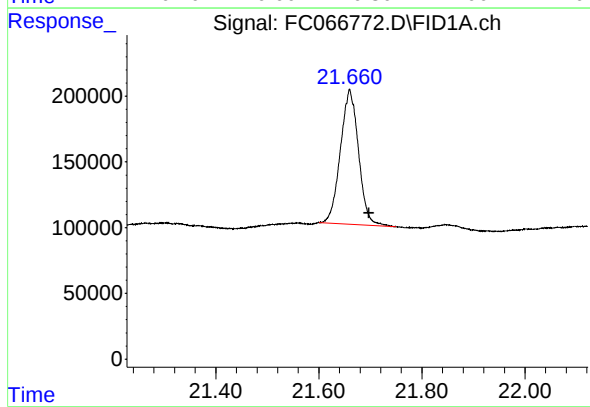
#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.029 min
Response: 2582350
Conc: 22.58 ug/ml

Instrument :

FID_C

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.660 min
Delta R.T.: -0.037 min
Response: 2498390
Conc: 22.25 ug/ml