

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AL\
 Data File : FF015986.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2025 01:21
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 16 03:10:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:08:01 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)	11.998	770053	5.073 ug/ml
Spiked Amount	50.000	Recovery	= 10.15%
12) S 1-chlorooctadecane (S...	13.435	594434	5.026 ug/ml
Spiked Amount	50.000	Recovery	= 10.05%
Target Compounds			
1) T n-Nonane (C9)	3.367	622110	5.022 ug/ml
2) T n-Decane (C10)	4.624	634776	5.021 ug/ml
3) T A~Naphthalene (C11.7)	6.332	698019	5.024 ug/ml
4) T n-Dodecane (C12)	6.797	641606	5.023 ug/ml
5) T A~2-methylnaphthalene...	7.429	678409	5.016 ug/ml
6) T n-Tetradecane (C14)	8.627	648001	5.065 ug/ml
7) T n-Hexadecane (C16)	10.235	670938	5.030 ug/ml
8) T n-Octadecane (C18)	11.680	694878	5.063 ug/ml
10) T n-Eicosane (C20)	12.990	685983	5.077 ug/ml
11) T n-Heneicosane (C21)	13.603	678132	5.052 ug/ml
13) T n-Docosane (C22)	14.191	680147	5.030 ug/ml
14) T n-Tetracosane (C24)	15.294	692103	5.033 ug/ml
15) T n-Hexacosane (C26)	16.316	682524	5.024 ug/ml
16) T n-Octacosane (C28)	17.268	674936	5.059 ug/ml
17) T n-Tricontane (C30)	18.156	676279	5.062 ug/ml
18) T n-Dotriacontane (C32)	18.991	650443	5.170 ug/ml
19) T n-Tetratriacontane (C34)	19.776	572092	5.082 ug/ml
20) T n-Hexatriacontane (C36)	20.516	491048	5.130 ug/ml
21) T n-Octatriacontane (C38)	21.277	431261	5.021 ug/ml
22) T n-Tetracontane (C40)	22.232	382037	4.819 ug/ml

(f)=RT Delta > 1/2 Window

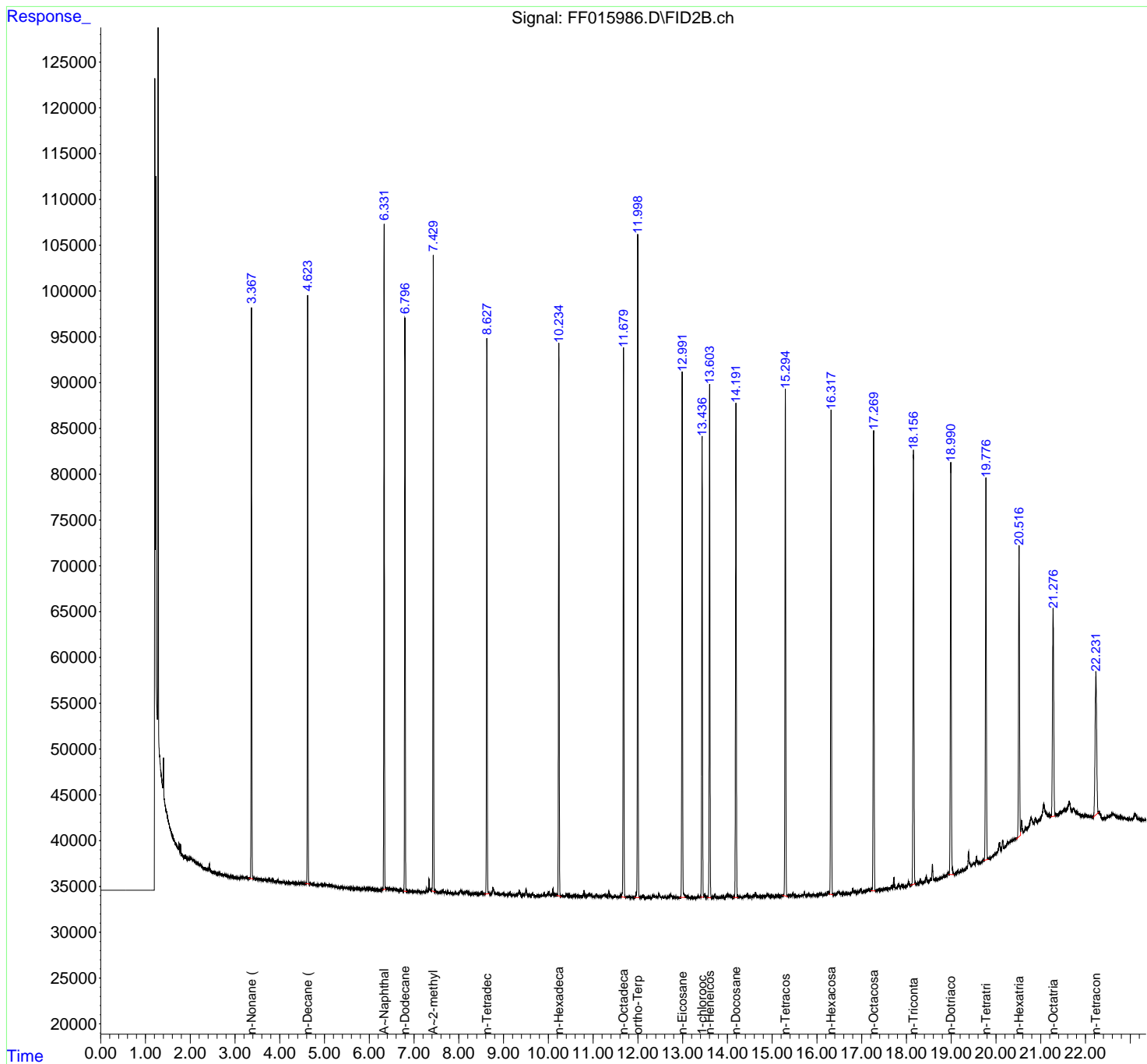
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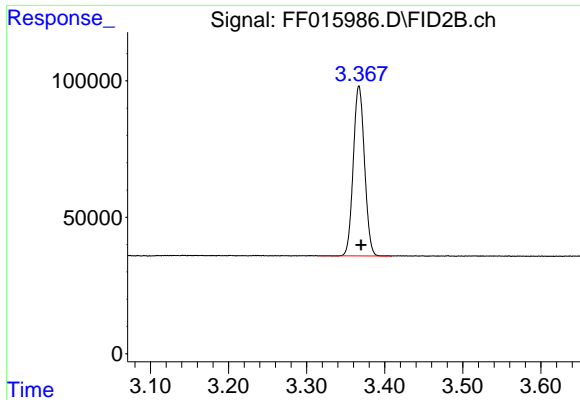
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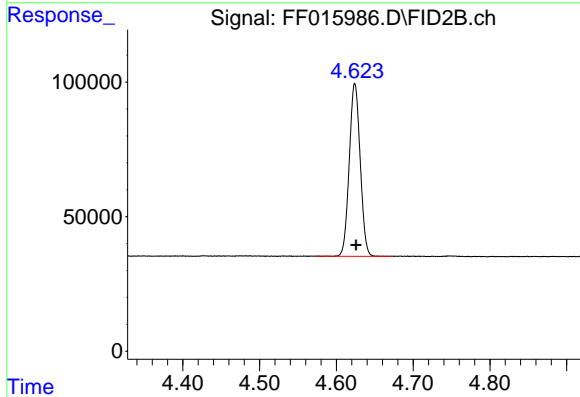




#1 n-Nonane (C9)

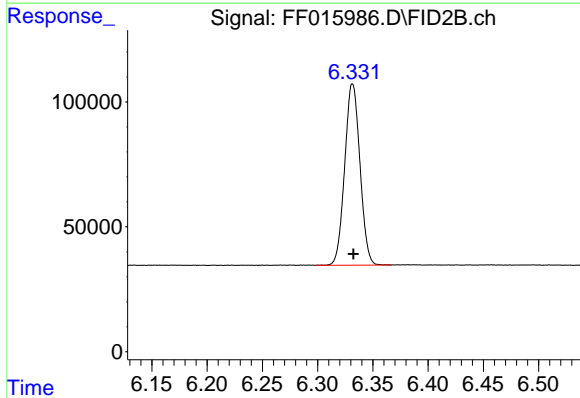
R.T.: 3.367 min
 Delta R.T.: -0.003 min
 Response: 622110
 Conc: 5.02 ug/ml

Instrument : FID_F
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



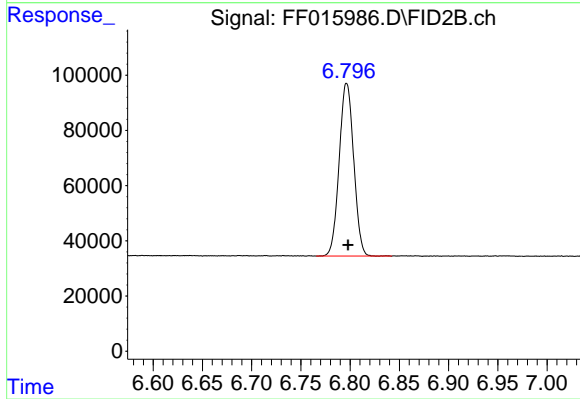
#2 n-Decane (C10)

R.T.: 4.624 min
 Delta R.T.: -0.001 min
 Response: 634776
 Conc: 5.02 ug/ml



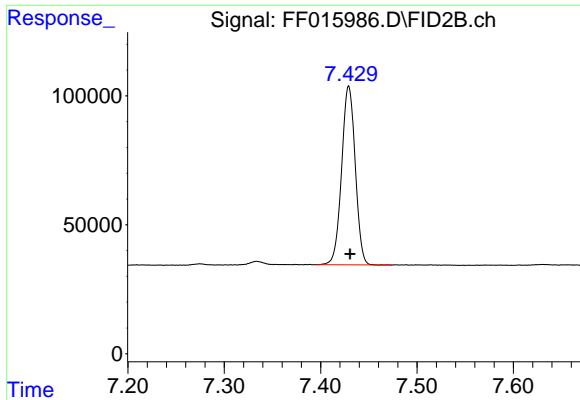
#3 A~Naphthalene (C11.7)

R.T.: 6.332 min
 Delta R.T.: 0.000 min
 Response: 698019
 Conc: 5.02 ug/ml



#4 n-Dodecane (C12)

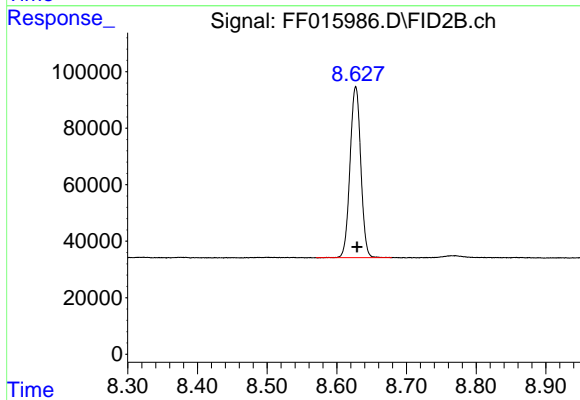
R.T.: 6.797 min
 Delta R.T.: -0.001 min
 Response: 641606
 Conc: 5.02 ug/ml



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

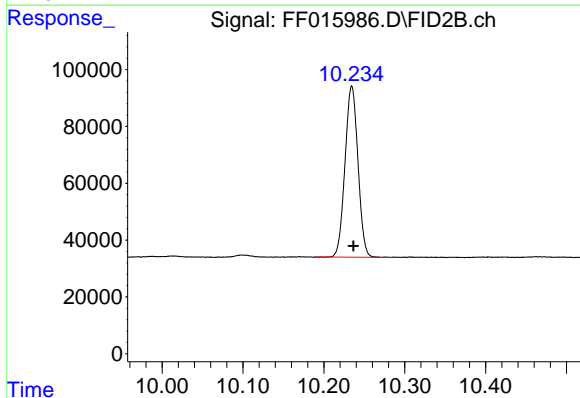
R.T.: 7.429 min
 Delta R.T.: -0.001 min
 Response: 678409
 Conc: 5.02 ug/ml

Instrument : FID_F
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



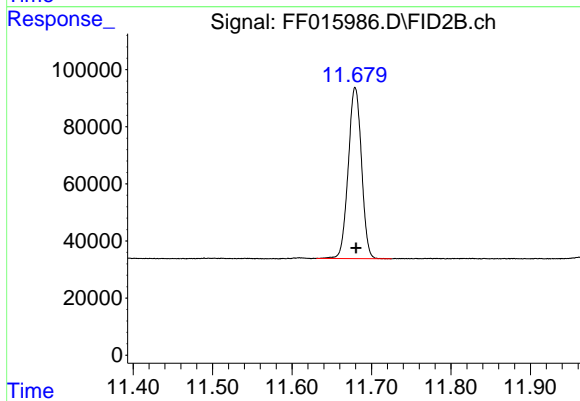
#6 n-Tetradecane (C14)

R.T.: 8.627 min
 Delta R.T.: -0.002 min
 Response: 648001
 Conc: 5.06 ug/ml



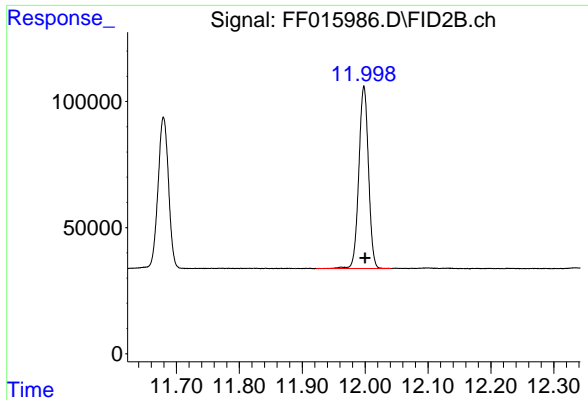
#7 n-Hexadecane (C16)

R.T.: 10.235 min
 Delta R.T.: -0.002 min
 Response: 670938
 Conc: 5.03 ug/ml



#8 n-Octadecane (C18)

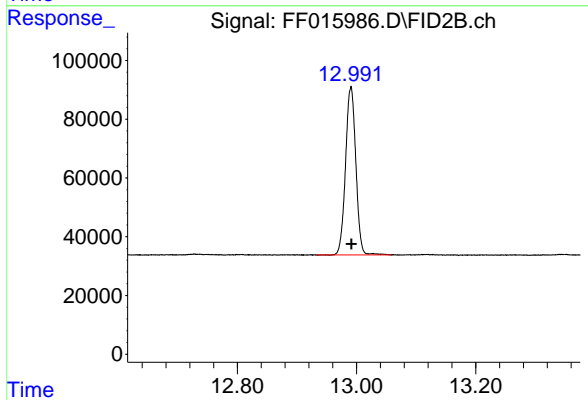
R.T.: 11.680 min
 Delta R.T.: -0.001 min
 Response: 694878
 Conc: 5.06 ug/ml



#9 ortho-Terphenyl (SURR)

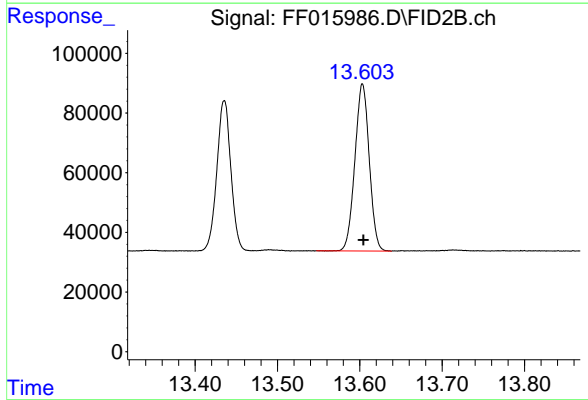
R.T.: 11.998 min
 Delta R.T.: -0.002 min
 Response: 770053
 Conc: 5.07 ug/ml

Instrument : FID_F
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



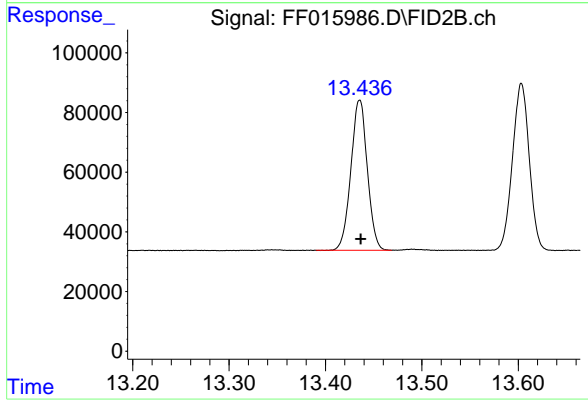
#10 n-Eicosane (C20)

R.T.: 12.990 min
 Delta R.T.: 0.000 min
 Response: 685983
 Conc: 5.08 ug/ml



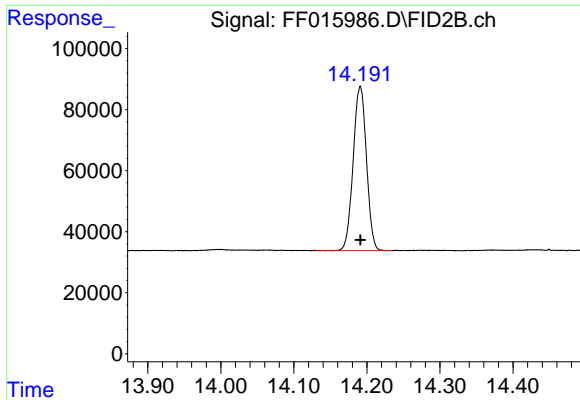
#11 n-Heneicosane (C21)

R.T.: 13.603 min
 Delta R.T.: 0.000 min
 Response: 678132
 Conc: 5.05 ug/ml



#12 1-chlorooctadecane (SURR)

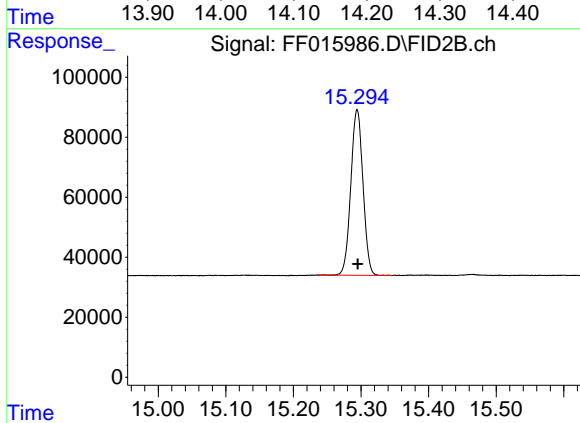
R.T.: 13.435 min
 Delta R.T.: -0.001 min
 Response: 594434
 Conc: 5.03 ug/ml



#13 n-Docosane (C22)

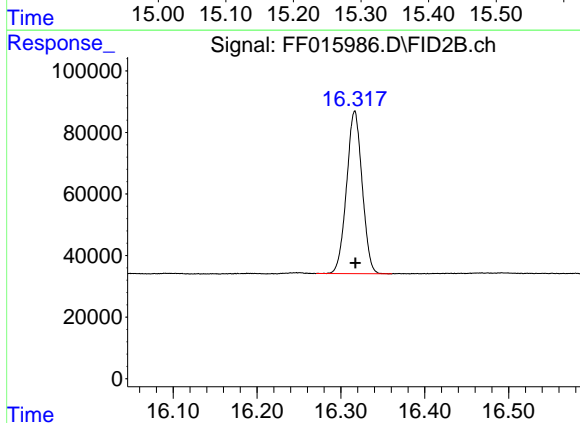
R.T.: 14.191 min
 Delta R.T.: 0.000 min
 Response: 680147
 Conc: 5.03 ug/ml

Instrument : FID_F
 ClientSampleId : 5 PPM ALIPHATIC HC STD5



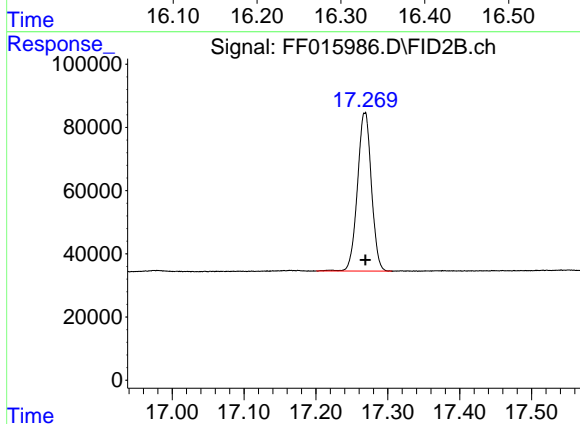
#14 n-Tetracosane (C24)

R.T.: 15.294 min
 Delta R.T.: 0.000 min
 Response: 692103
 Conc: 5.03 ug/ml



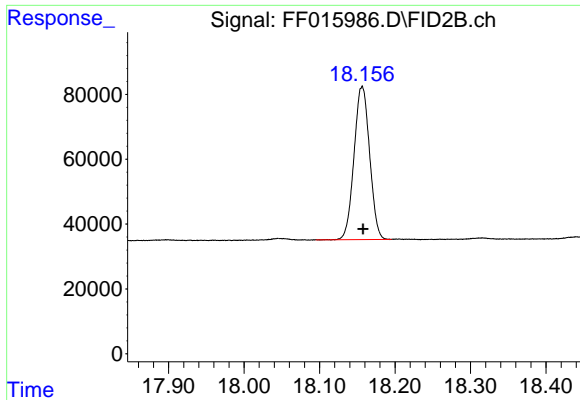
#15 n-Hexacosane (C26)

R.T.: 16.316 min
 Delta R.T.: 0.000 min
 Response: 682524
 Conc: 5.02 ug/ml



#16 n-Octacosane (C28)

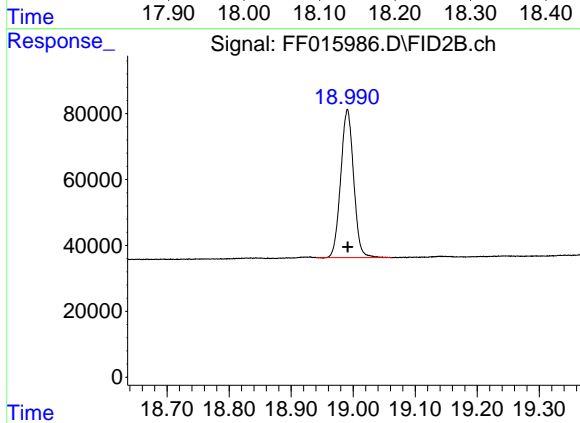
R.T.: 17.268 min
 Delta R.T.: -0.001 min
 Response: 674936
 Conc: 5.06 ug/ml



#17 n-Tricontane (C30)

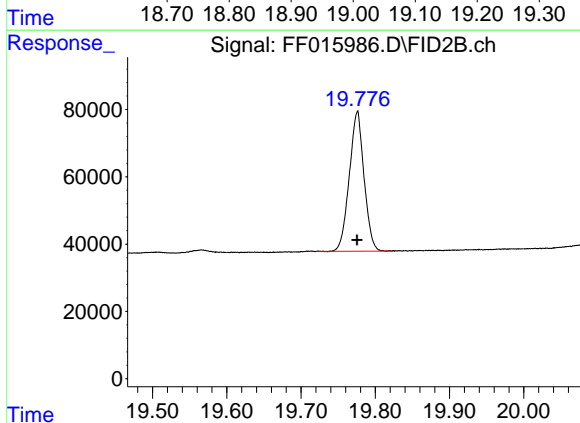
R.T.: 18.156 min
Delta R.T.: -0.001 min
Response: 676279
Conc: 5.06 ug/ml

Instrument : FID_F
ClientSampleId : 5 PPM ALIPHATIC HC STD5



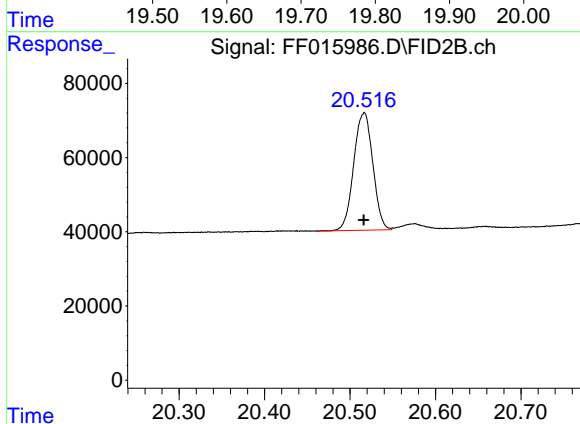
#18 n-Dotriacontane (C32)

R.T.: 18.991 min
Delta R.T.: 0.000 min
Response: 650443
Conc: 5.17 ug/ml



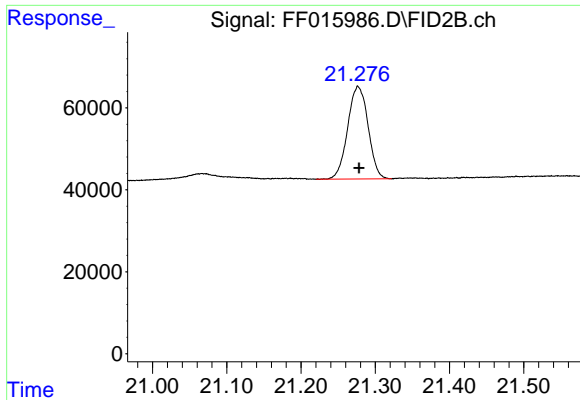
#19 n-Tetratriacontane (C34)

R.T.: 19.776 min
Delta R.T.: 0.000 min
Response: 572092
Conc: 5.08 ug/ml



#20 n-Hexatriacontane (C36)

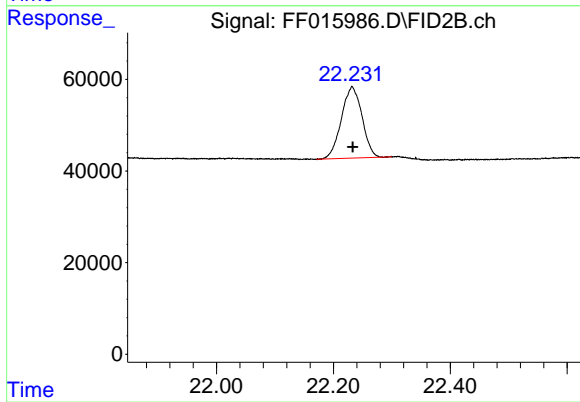
R.T.: 20.516 min
Delta R.T.: 0.000 min
Response: 491048
Conc: 5.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.277 min
Delta R.T.: -0.001 min
Response: 431261
Conc: 5.02 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.232 min
Delta R.T.: 0.000 min
Response: 382037
Conc: 4.82 ug/ml