

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080224AL\
 Data File : FD048135.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 11:37
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 02 14:07:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 13:59:26 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)	11.290	1039007	5.170 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
12) S 1-chlorooctadecane (S...	12.732	776333	5.084 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
Target Compounds			
1) T n-Nonane (C9)	3.147	927068	5.145 ug/ml
2) T n-Decane (C10)	4.192	953982	5.148 ug/ml
3) T A~Naphthalene (C11.7)	5.743	1005562	5.025 ug/ml
4) T n-Dodecane (C12)	6.187	970106	5.175 ug/ml
5) T A~2-methylnaphthalene...	6.790	932732	4.883 ug/ml
6) T n-Tetradecane (C14)	7.969	971315	5.214 ug/ml
7) T n-Hexadecane (C16)	9.560	969663	5.106 ug/ml
8) T n-Octadecane (C18)	10.992	986178	5.139 ug/ml
10) T n-Eicosane (C20)	12.294	946456	5.149 ug/ml
11) T n-Heneicosane (C21)	12.902	937259	5.189 ug/ml
13) T n-Docosane (C22)	13.486	918166	5.142 ug/ml
14) T n-Tetracosane (C24)	14.582	908962	5.150 ug/ml
15) T n-Hexacosane (C26)	15.598	877474	5.142 ug/ml
16) T n-Octacosane (C28)	16.542	853441	5.177 ug/ml
17) T n-Tricontane (C30)	17.425	863124	5.225 ug/ml
18) T n-Dotriacontane (C32)	18.253	827308	5.218 ug/ml
19) T n-Tetratriacontane (C34)	19.033	778863	5.169 ug/ml
20) T n-Hexatriacontane (C36)	19.768	725806	5.111 ug/ml
21) T n-Octatriacontane (C38)	20.465	706212	5.104 ug/ml
22) T n-Tetracontane (C40)	21.257	656944	4.956 ug/ml

(f)=RT Delta > 1/2 Window

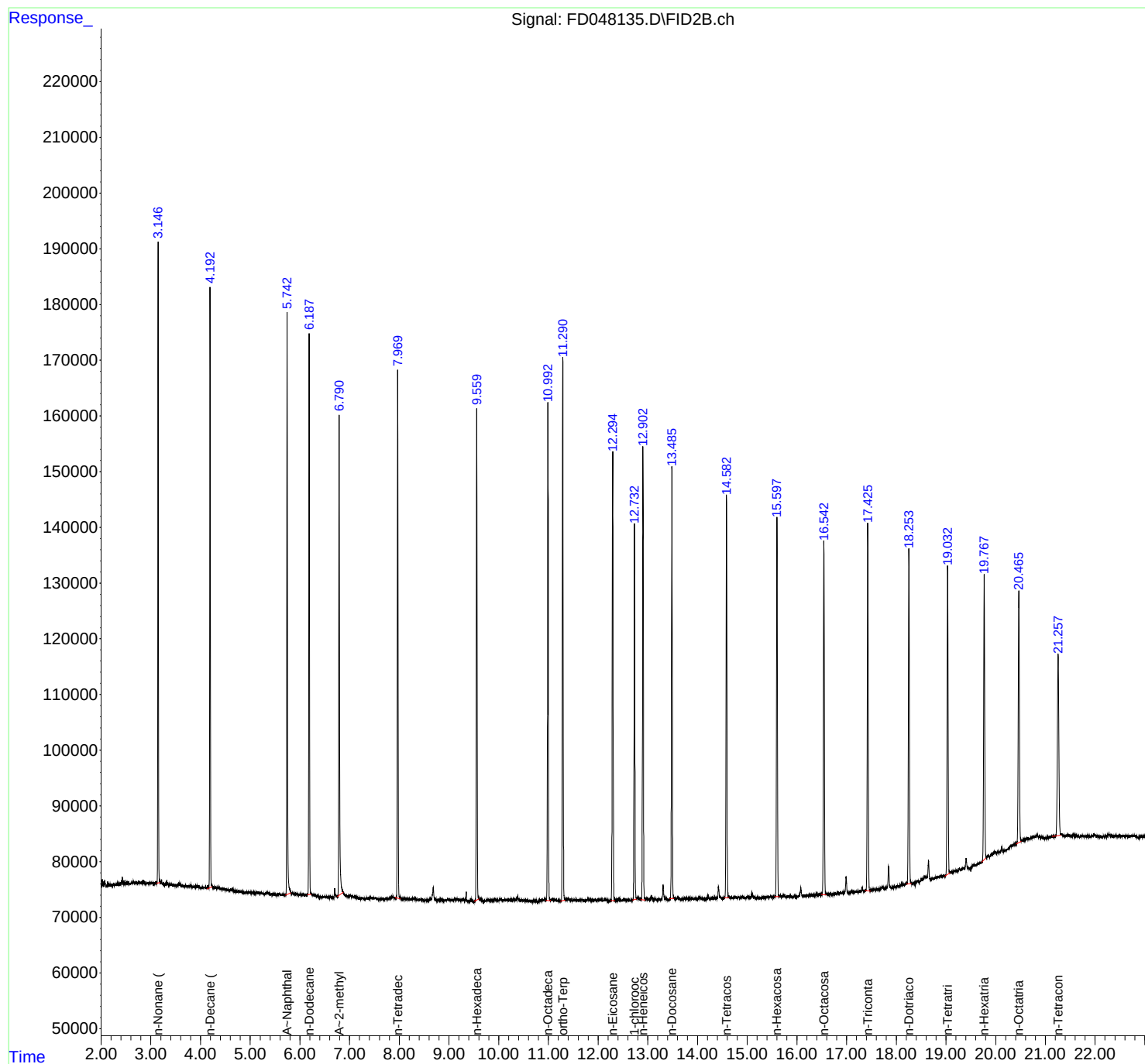
(m)=manual int.

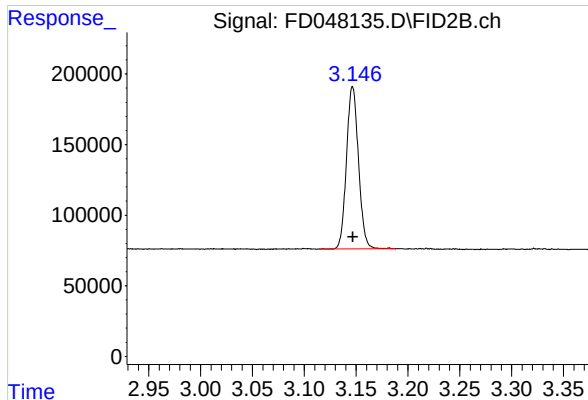
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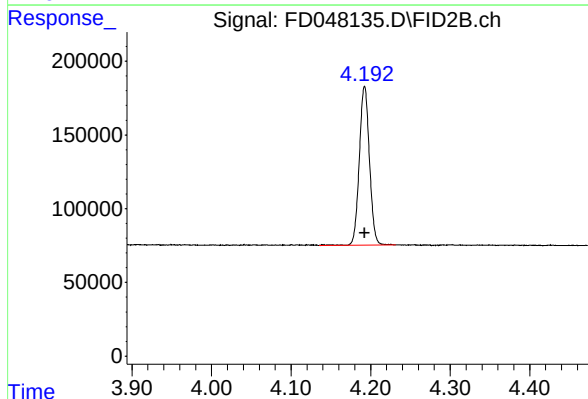




#1 n-Nonane (C9)

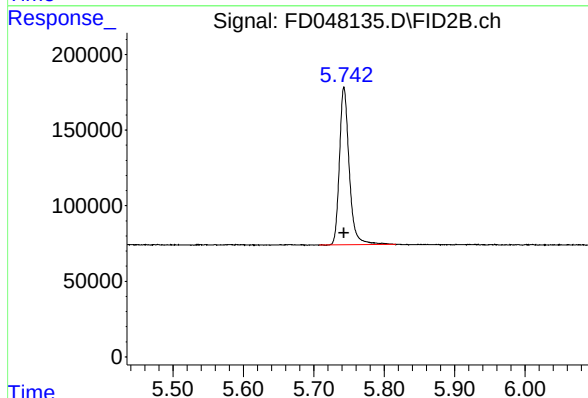
R.T.: 3.147 min
Delta R.T.: 0.000 min
Response: 927068
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



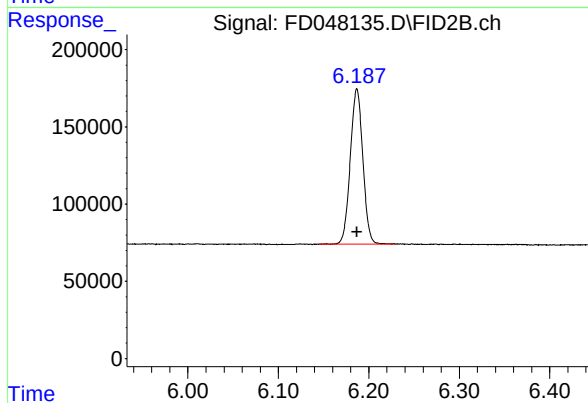
#2 n-Decane (C10)

R.T.: 4.192 min
Delta R.T.: 0.000 min
Response: 953982
Conc: 5.15 ug/ml



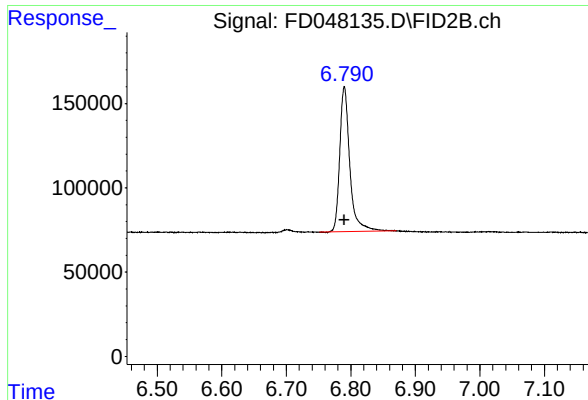
#3 A~Naphthalene (C11.7)

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 1005562
Conc: 5.02 ug/ml



#4 n-Dodecane (C12)

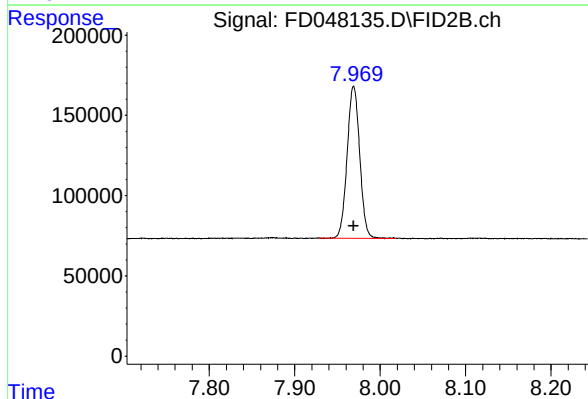
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 970106
Conc: 5.18 ug/ml



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

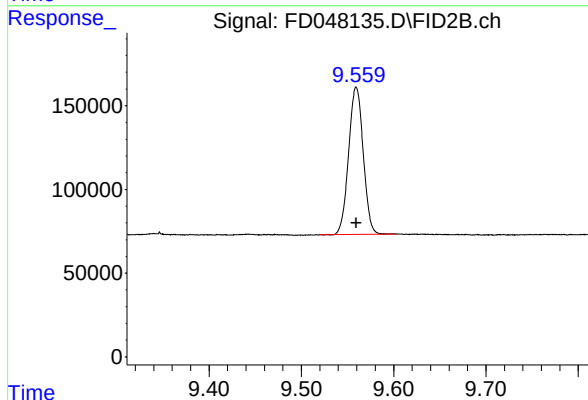
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 932732
Conc: 4.88 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



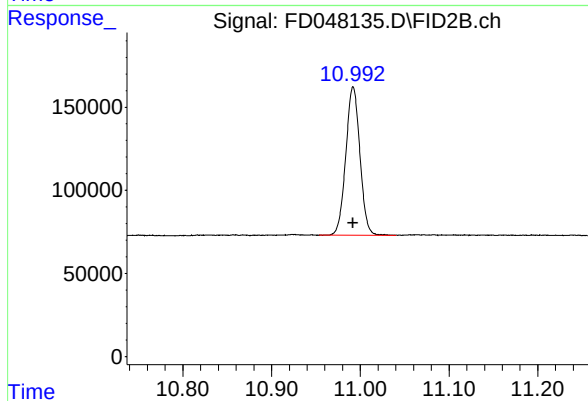
#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 971315
Conc: 5.21 ug/ml



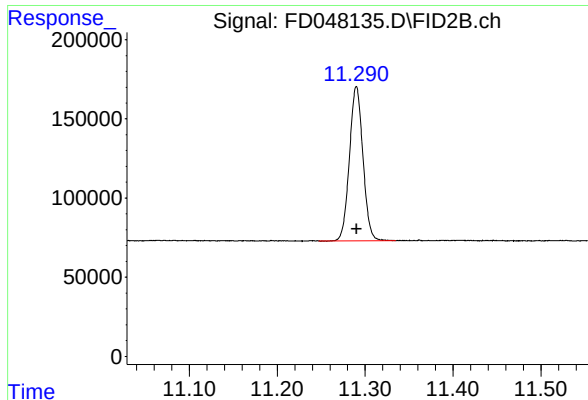
#7 n-Hexadecane (C16)

R.T.: 9.560 min
Delta R.T.: 0.000 min
Response: 969663
Conc: 5.11 ug/ml



#8 n-Octadecane (C18)

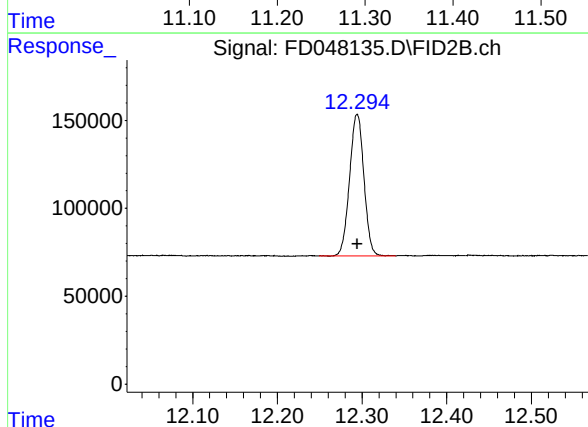
R.T.: 10.992 min
Delta R.T.: 0.000 min
Response: 986178
Conc: 5.14 ug/ml



#9 ortho-Terphenyl (SURR)

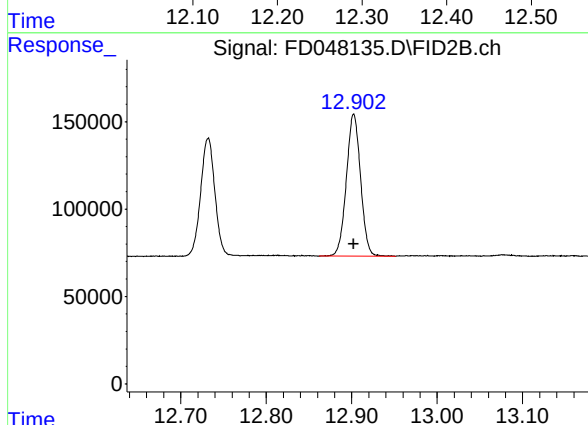
R.T.: 11.290 min
Delta R.T.: 0.000 min
Response: 1039007
Conc: 5.17 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



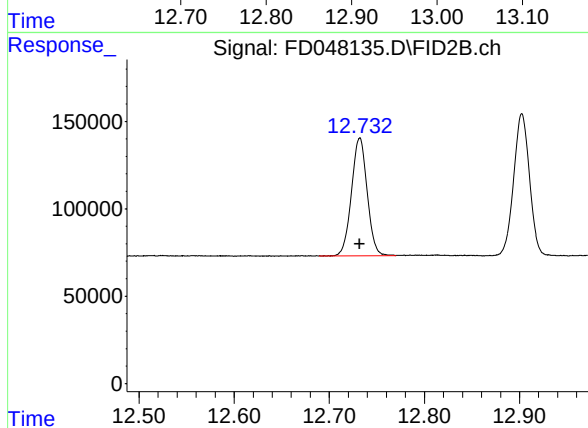
#10 n-Eicosane (C20)

R.T.: 12.294 min
Delta R.T.: 0.000 min
Response: 946456
Conc: 5.15 ug/ml



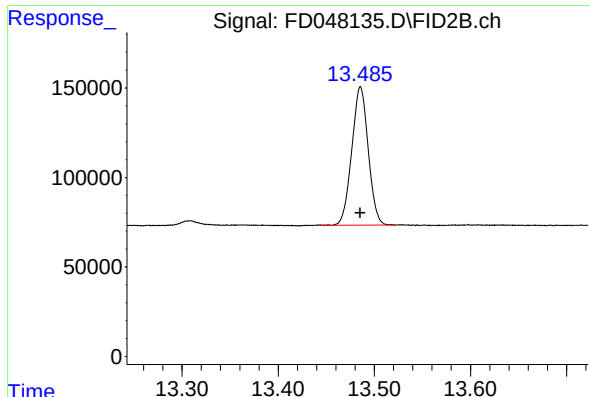
#11 n-Heneicosane (C21)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 937259
Conc: 5.19 ug/ml



#12 1-chlorooctadecane (SURR)

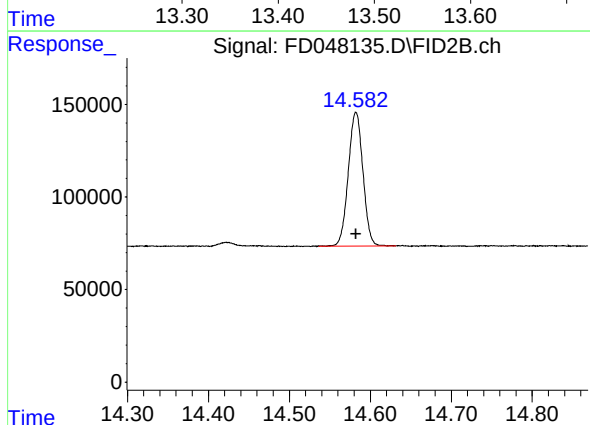
R.T.: 12.732 min
Delta R.T.: 0.000 min
Response: 776333
Conc: 5.08 ug/ml



#13 n-Docosane (C22)

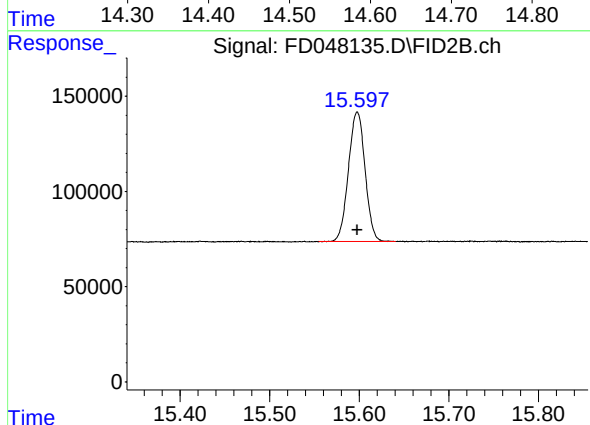
R.T.: 13.486 min
Delta R.T.: 0.000 min
Response: 918166
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



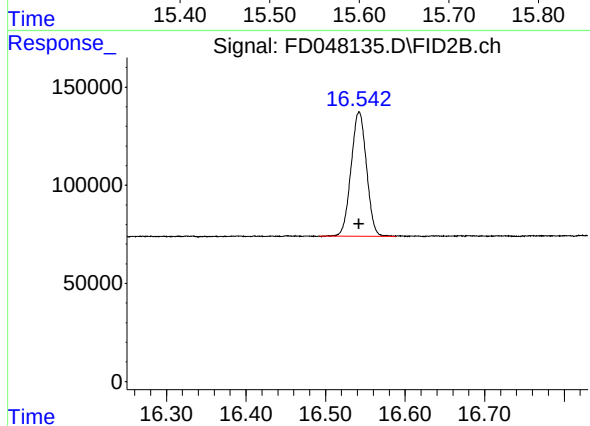
#14 n-Tetracosane (C24)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 908962
Conc: 5.15 ug/ml



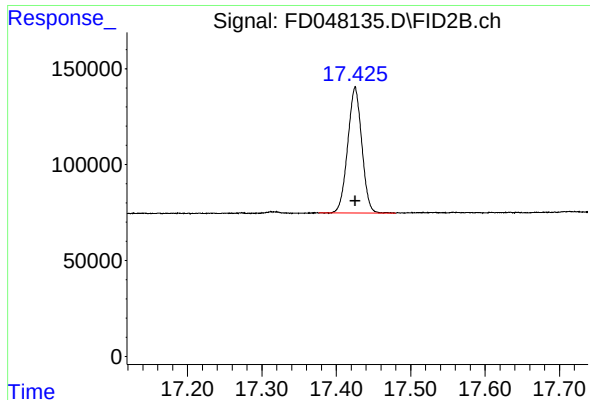
#15 n-Hexacosane (C26)

R.T.: 15.598 min
Delta R.T.: 0.000 min
Response: 877474
Conc: 5.14 ug/ml



#16 n-Octacosane (C28)

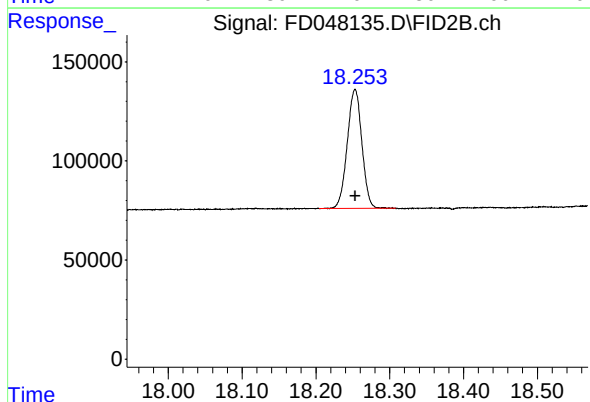
R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 853441
Conc: 5.18 ug/ml



#17 n-Tricontane (C30)

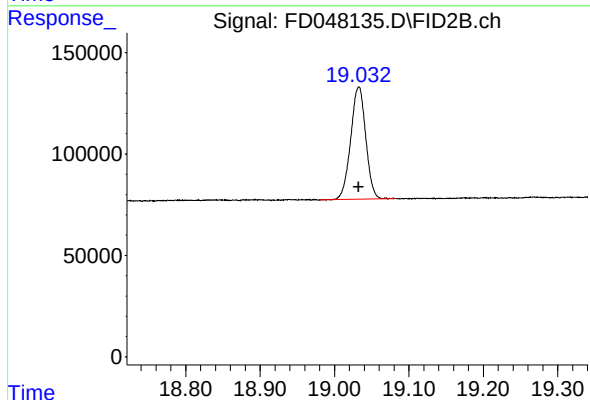
R.T.: 17.425 min
Delta R.T.: 0.000 min
Response: 863124
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



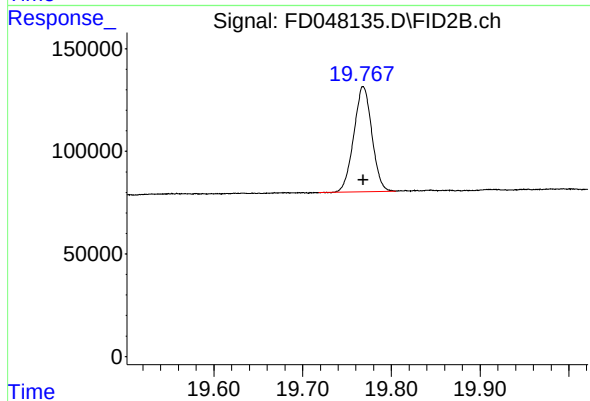
#18 n-Dotriacontane (C32)

R.T.: 18.253 min
Delta R.T.: 0.000 min
Response: 827308
Conc: 5.22 ug/ml



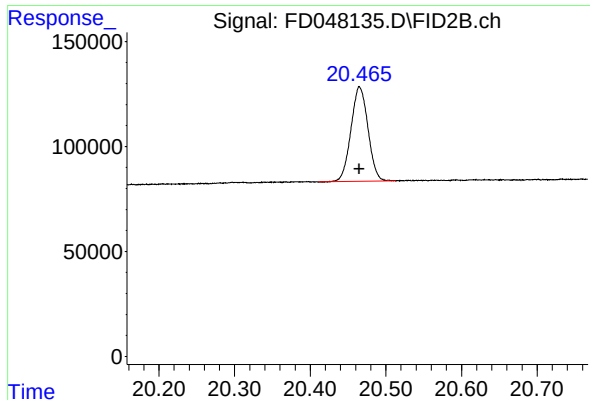
#19 n-Tetatriacontane (C34)

R.T.: 19.033 min
Delta R.T.: 0.000 min
Response: 778863
Conc: 5.17 ug/ml



#20 n-Hexatriacontane (C36)

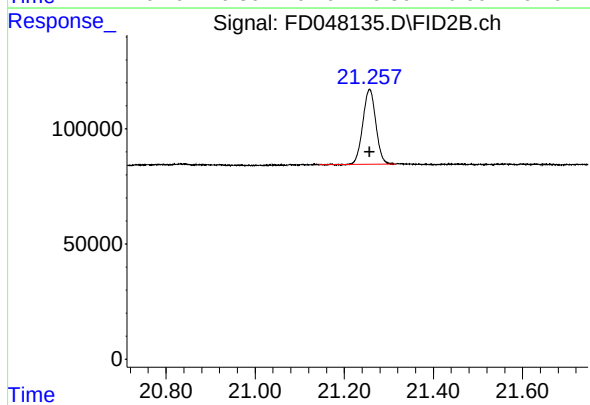
R.T.: 19.768 min
Delta R.T.: 0.000 min
Response: 725806
Conc: 5.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.465 min
Delta R.T.: 0.000 min
Response: 706212
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.257 min
Delta R.T.: 0.000 min
Response: 656944
Conc: 4.96 ug/ml