

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043668.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 09:29
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 02 09:56:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:55:57 2023
 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)	11.938	1054178	5.116 ug/ml
Spiked Amount 50.000		Recovery =	10.23%
12) S 1-chlorooctadecane (S...	13.377	799022	5.120 ug/ml
Spiked Amount 50.000		Recovery =	10.24%
Target Compounds			
1) T n-Nonane (C9)	3.329	831343	5.148 ug/ml
2) T n-Decane (C10)	4.579	846986	5.139 ug/ml
3) T A~Naphthalene (C11.7)	6.277	933301	5.126 ug/ml
4) T n-Dodecane (C12)	6.742	857724	5.125 ug/ml
5) T A~2-methylnaphthalene...	7.371	911332	5.119 ug/ml
6) T n-Tetradecane (C14)	8.569	866359	5.142 ug/ml
7) T n-Hexadecane (C16)	10.178	901394	5.110 ug/ml
8) T n-Octadecane (C18)	11.622	927412	5.120 ug/ml
10) T n-Eicosane (C20)	12.934	906999	5.125 ug/ml
11) T n-Heneicosane (C21)	13.547	923237	5.214 ug/ml
13) T n-Docosane (C22)	14.132	901504	5.140 ug/ml
14) T n-Tetracosane (C24)	15.236	902098	5.134 ug/ml
15) T n-Hexacosane (C26)	16.258	887936	5.137 ug/ml
16) T n-Octacosane (C28)	17.209	862135	5.153 ug/ml
17) T n-Tricontane (C30)	18.098	862531	5.208 ug/ml
18) T n-Dotriacontane (C32)	18.933	827429	5.240 ug/ml
19) T n-Tetratriacontane (C34)	19.718	775467	5.219 ug/ml
20) T n-Hexatriacontane (C36)	20.458	722979	5.172 ug/ml
21) T n-Octatriacontane (C38)	21.200	684236	5.129 ug/ml
22) T n-Tetracontane (C40)	22.122	662804	5.137 ug/ml

(f)=RT Delta > 1/2 Window

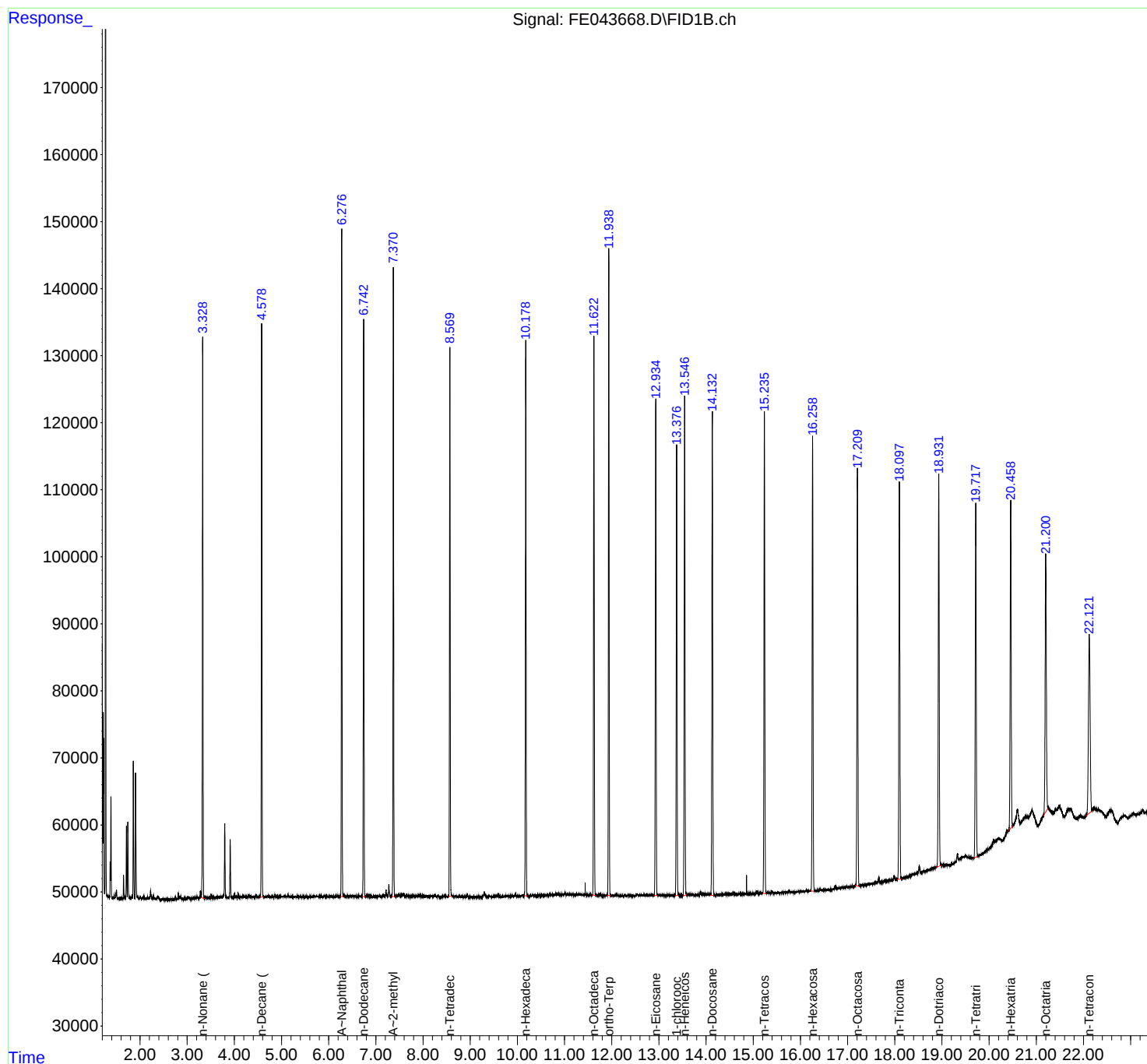
(m)=manual int.

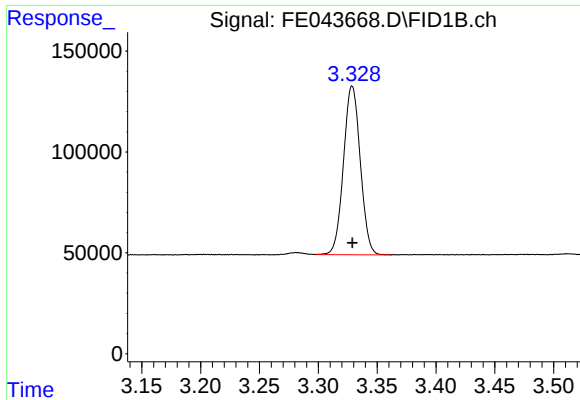
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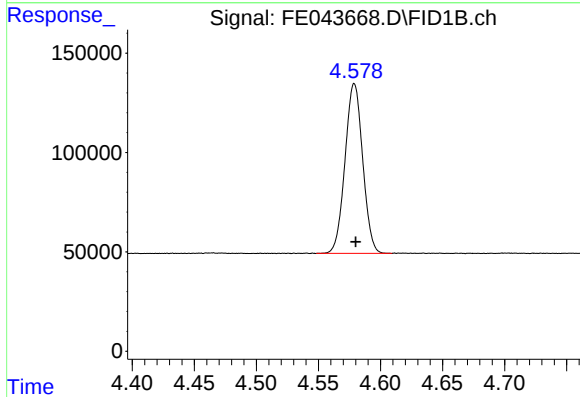




#1 n-Nonane (C9)

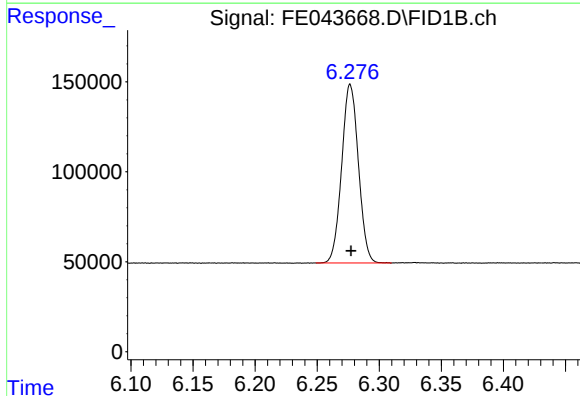
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 831343
Conc: 5.15 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



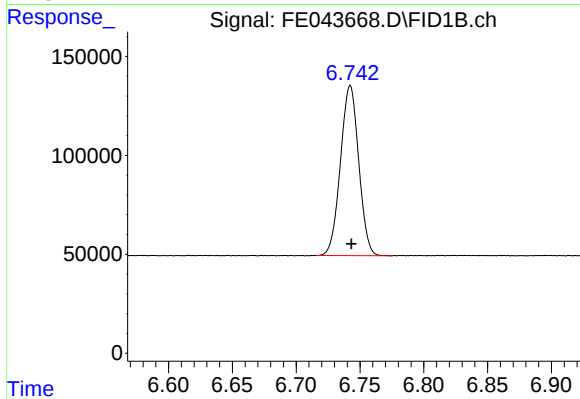
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 846986
Conc: 5.14 ug/ml



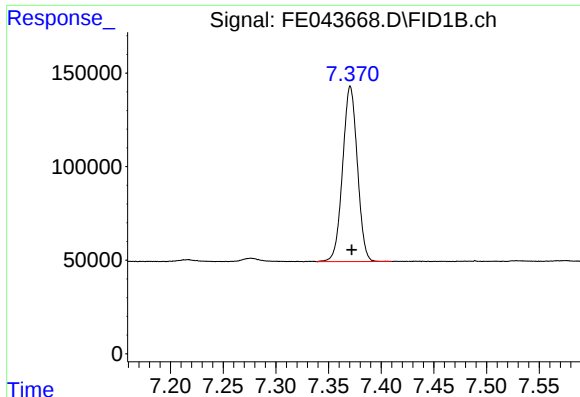
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 933301
Conc: 5.13 ug/ml



#4 n-Dodecane (C12)

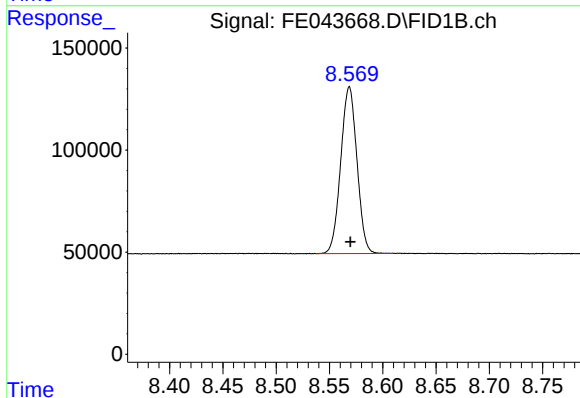
R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 857724
Conc: 5.12 ug/ml



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

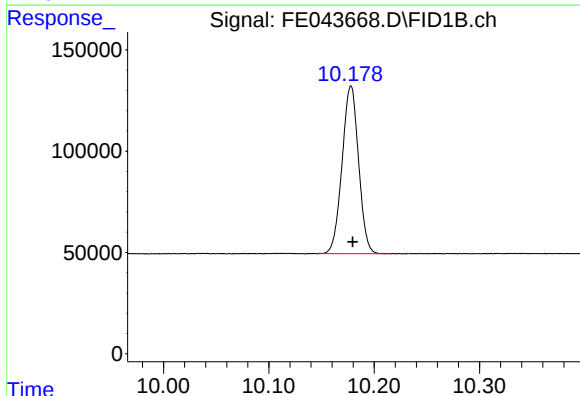
R.T.: 7.371 min
Delta R.T.: -0.001 min
Response: 911332
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



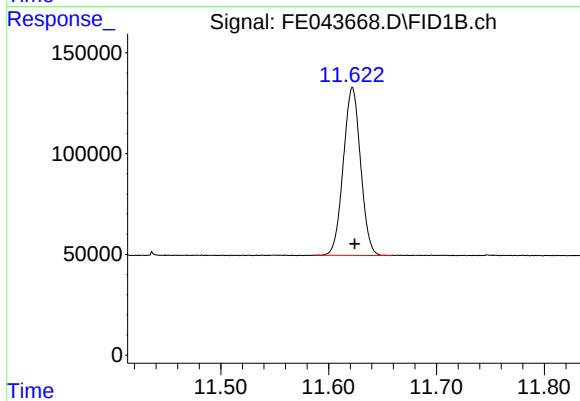
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 866359
Conc: 5.14 ug/ml



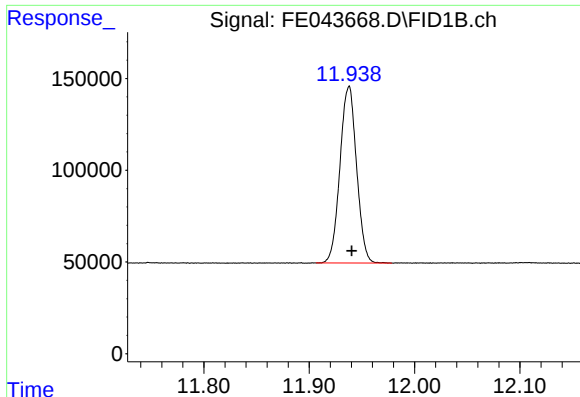
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 901394
Conc: 5.11 ug/ml



#8 n-Octadecane (C18)

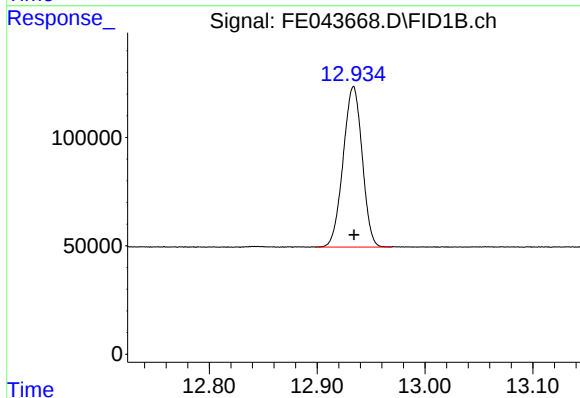
R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 927412
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

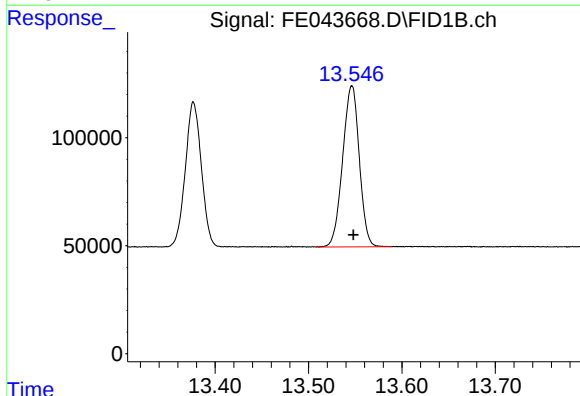
R.T.: 11.938 min
Delta R.T.: -0.003 min
Response: 1054178
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



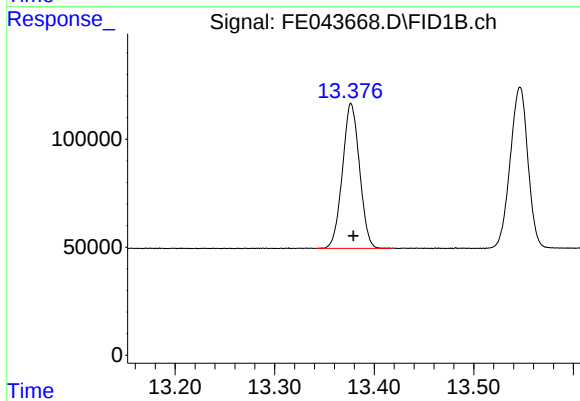
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 906999
Conc: 5.13 ug/ml



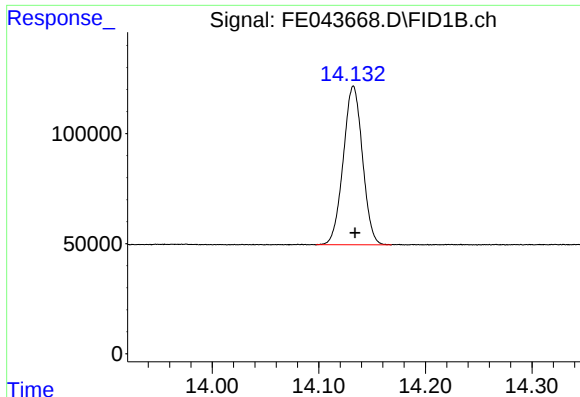
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.001 min
Response: 923237
Conc: 5.21 ug/ml



#12 1-chlorooctadecane (SURR)

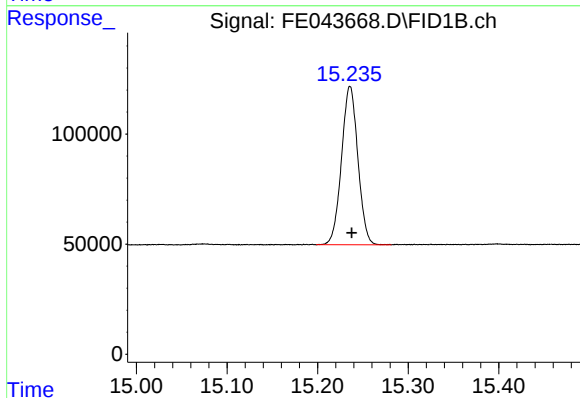
R.T.: 13.377 min
Delta R.T.: -0.002 min
Response: 799022
Conc: 5.12 ug/ml



#13 n-Docosane (C22)

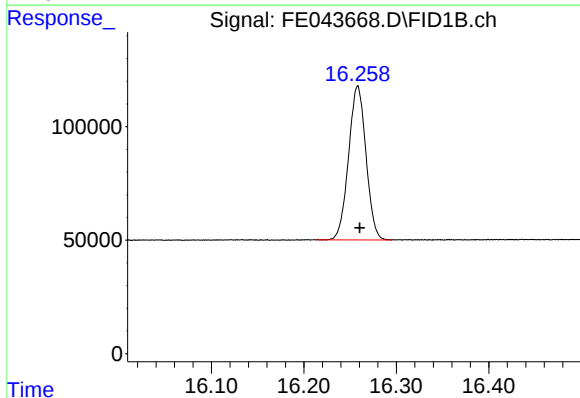
R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 901504
Conc: 5.14 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



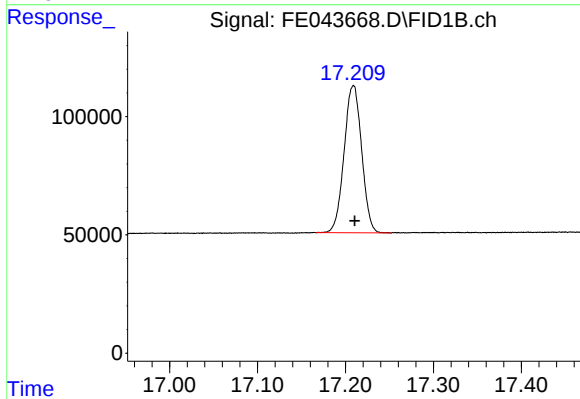
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 902098
Conc: 5.13 ug/ml



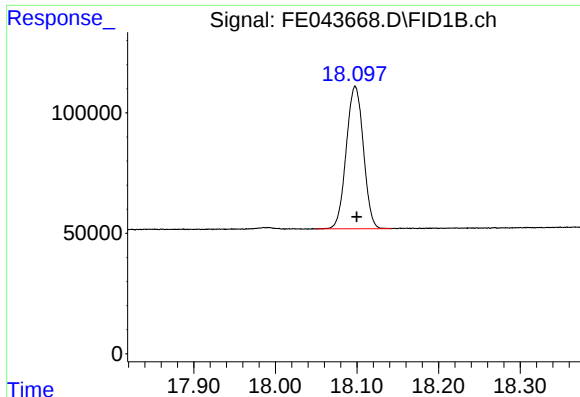
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 887936
Conc: 5.14 ug/ml



#16 n-Octacosane (C28)

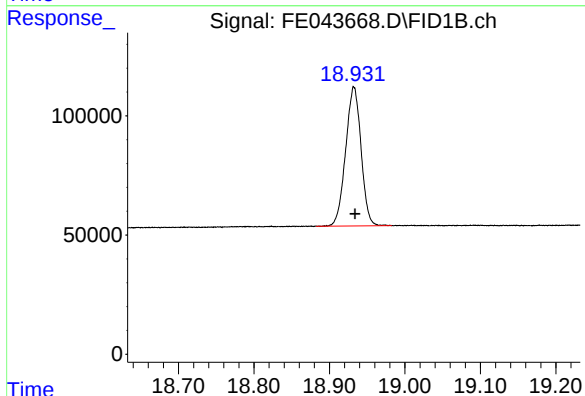
R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 862135
Conc: 5.15 ug/ml



#17 n-Tricontane (C30)

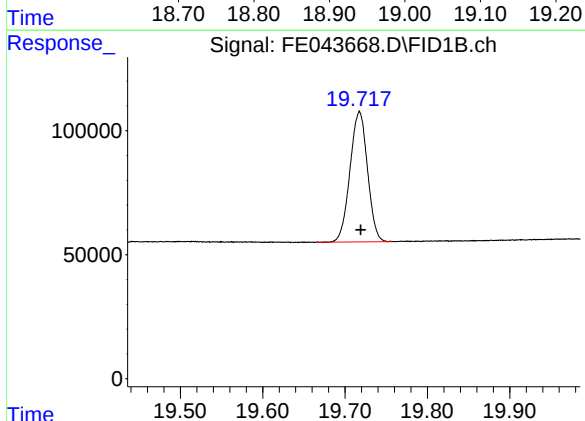
R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 862531
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



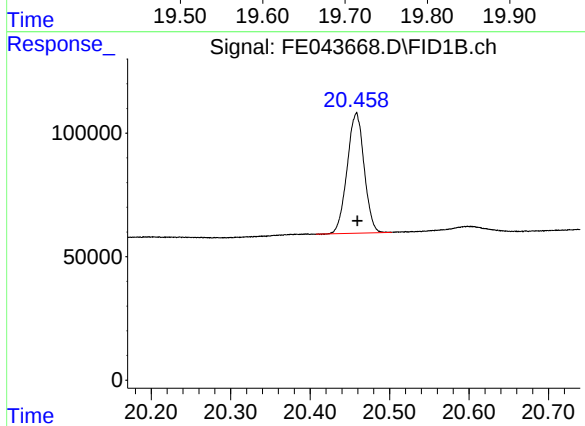
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.002 min
Response: 827429
Conc: 5.24 ug/ml



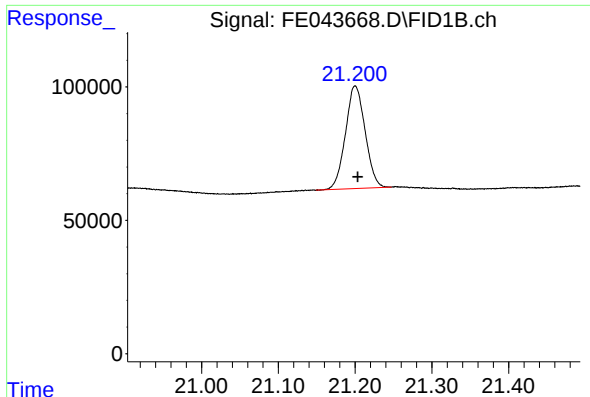
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.001 min
Response: 775467
Conc: 5.22 ug/ml



#20 n-Hexatriacontane (C36)

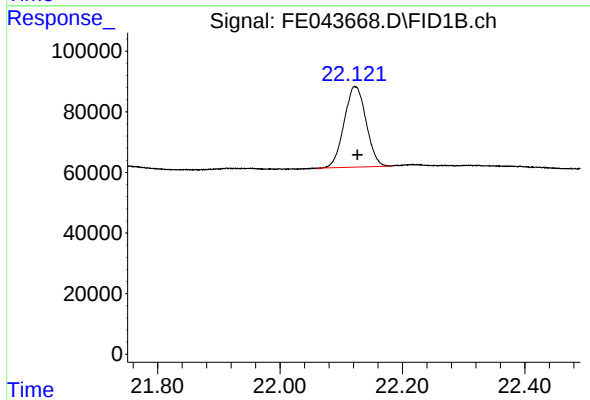
R.T.: 20.458 min
Delta R.T.: -0.002 min
Response: 722979
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.004 min
Response: 684236
Conc: 5.13 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.005 min
Response: 662804
Conc: 5.14 ug/ml