

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
 Data File : FE044046.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 00:36
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 31 03:37:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:12 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)	11.934	1005443	5.307 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
12) S 1-chlorooctadecane (S...	13.374	720860	5.218 ug/ml
Spiked Amount 50.000		Recovery =	10.44%
Target Compounds			
1) T n-Nonane (C9)	3.322	875574	5.367 ug/ml
2) T n-Decane (C10)	4.574	883895	5.318 ug/ml
3) T A~Naphthalene (C11.7)	6.275	947133	5.289 ug/ml
4) T n-Dodecane (C12)	6.738	891380	5.300 ug/ml
5) T A~2-methylnaphthalene...	7.370	900029	5.250 ug/ml
6) T n-Tetradecane (C14)	8.565	891482	5.316 ug/ml
7) T n-Hexadecane (C16)	10.174	918308	5.313 ug/ml
8) T n-Octadecane (C18)	11.618	928322	5.333 ug/ml
10) T n-Eicosane (C20)	12.929	879710	5.318 ug/ml
11) T n-Heneicosane (C21)	13.541	858943	5.310 ug/ml
13) T n-Docosane (C22)	14.129	846503	5.299 ug/ml
14) T n-Tetracosane (C24)	15.232	827975	5.295 ug/ml
15) T n-Hexacosane (C26)	16.255	797564	5.290 ug/ml
16) T n-Octacosane (C28)	17.205	764594	5.298 ug/ml
17) T n-Tricontane (C30)	18.094	788507	5.427 ug/ml
18) T n-Dotriacontane (C32)	18.929	784609	5.508 ug/ml
19) T n-Tetratriacontane (C34)	19.714	767118	5.482 ug/ml
20) T n-Hexatriacontane (C36)	20.454	736492	5.372 ug/ml
21) T n-Octatriacontane (C38)	21.197	742956	5.352 ug/ml
22) T n-Tetracontane (C40)	22.120	740035	5.352 ug/ml

(f)=RT Delta > 1/2 Window

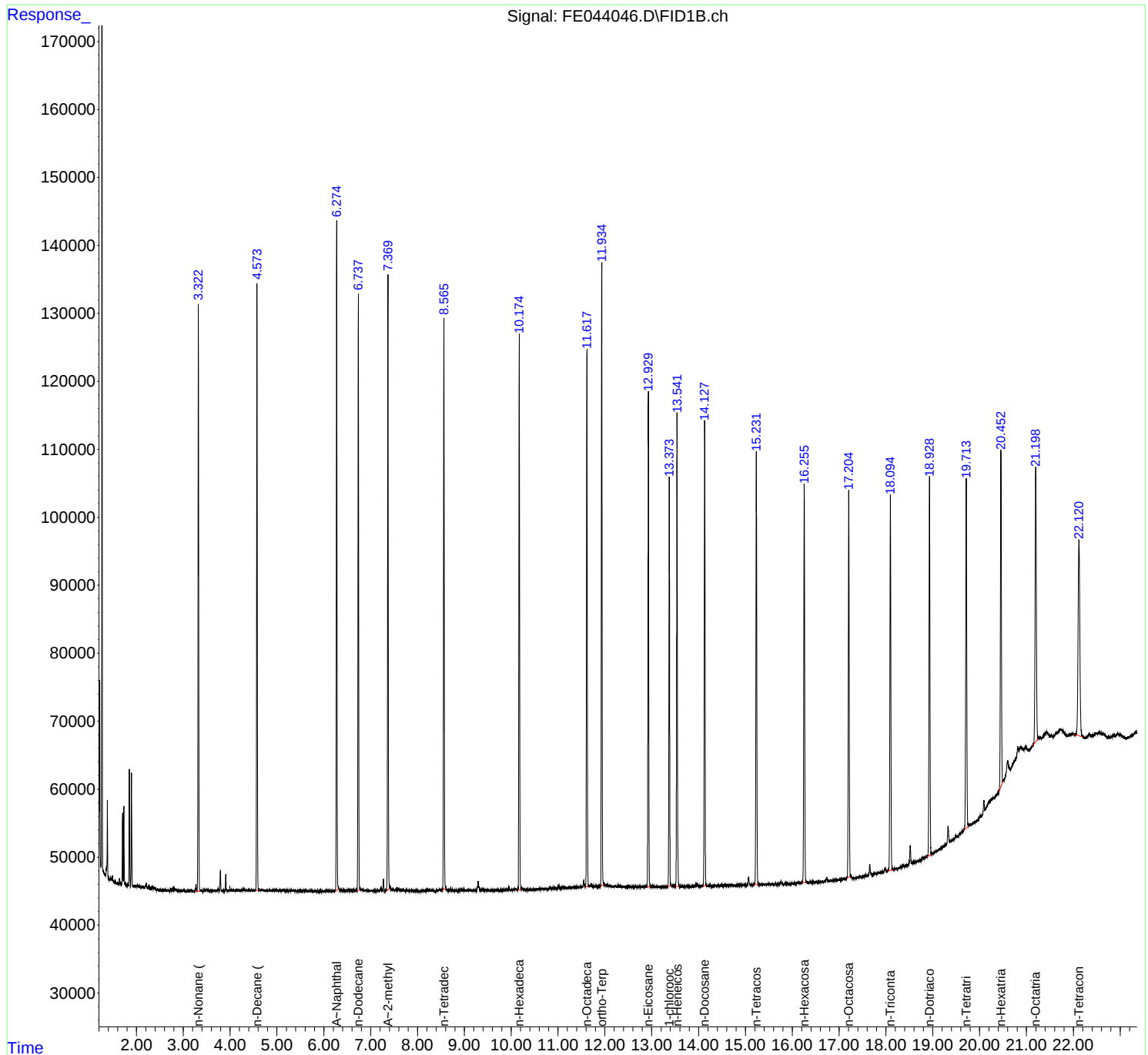
(m)=manual int.

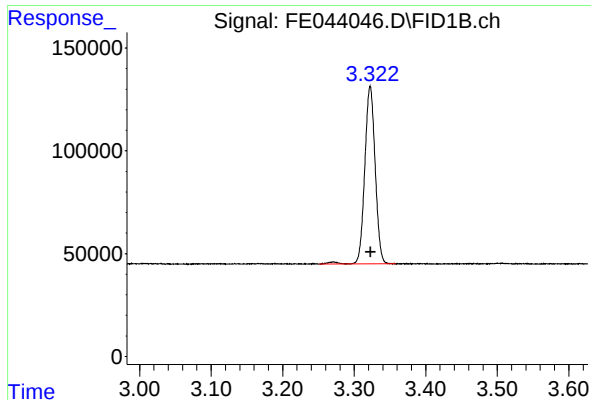
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083023AL\
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Misc :
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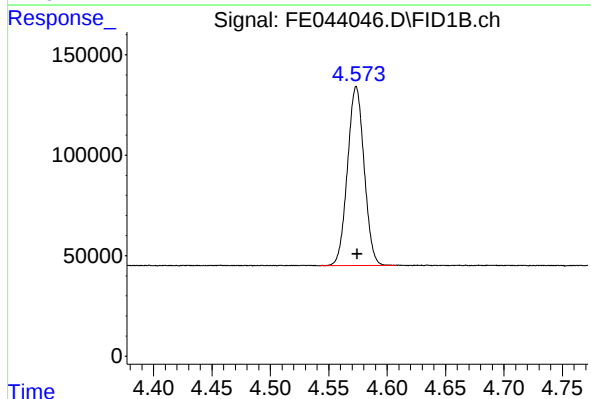




#1 n-Nonane (C9)

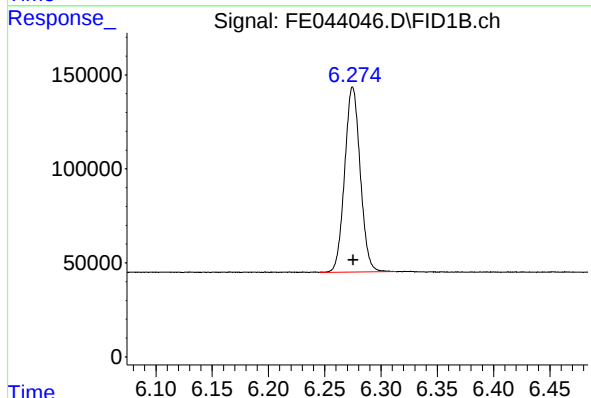
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 875574
Conc: 5.37 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



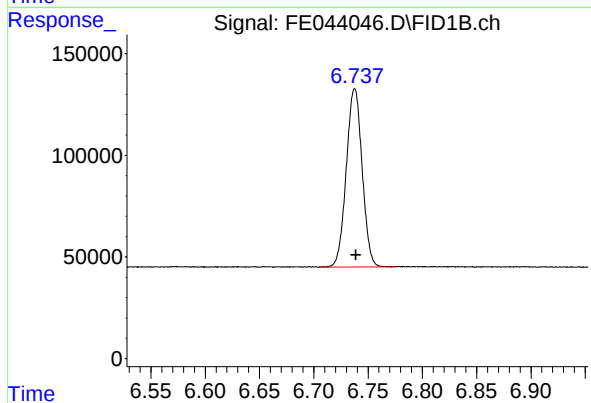
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 883895
Conc: 5.32 ug/ml



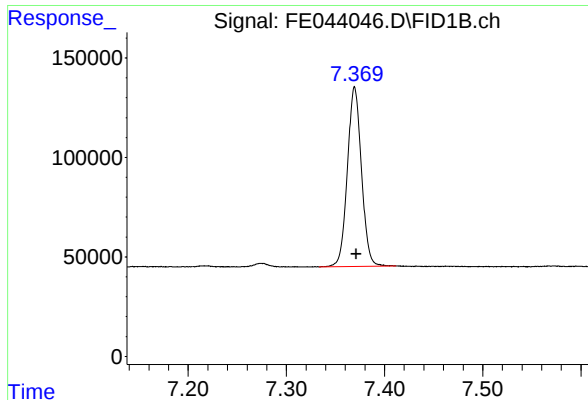
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 947133
Conc: 5.29 ug/ml



#4 n-Dodecane (C12)

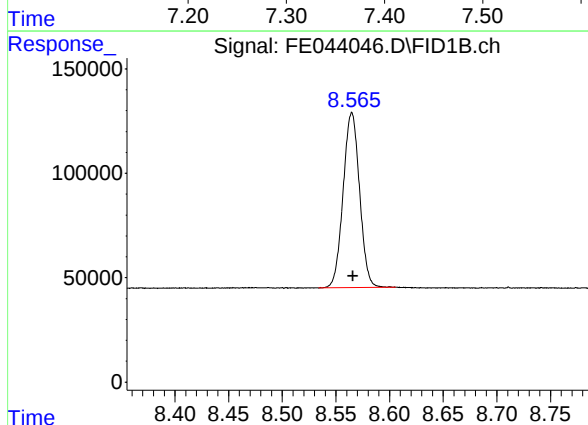
R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 891380
Conc: 5.30 ug/ml



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

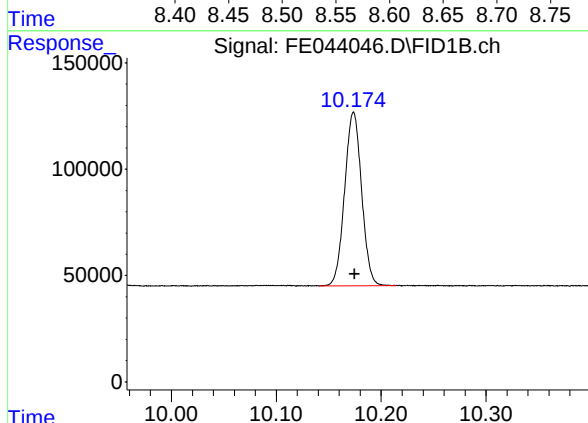
R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 900029
Conc: 5.25 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



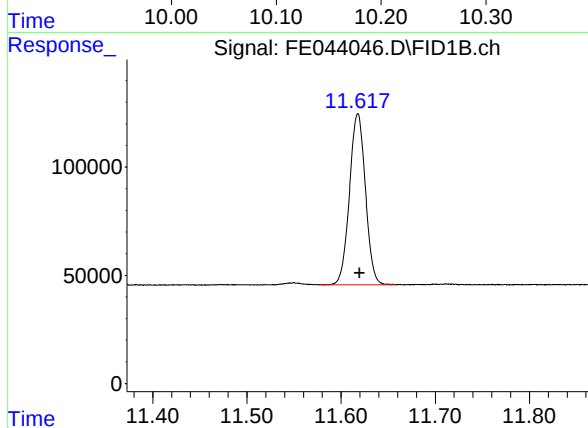
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.001 min
Response: 891482
Conc: 5.32 ug/ml



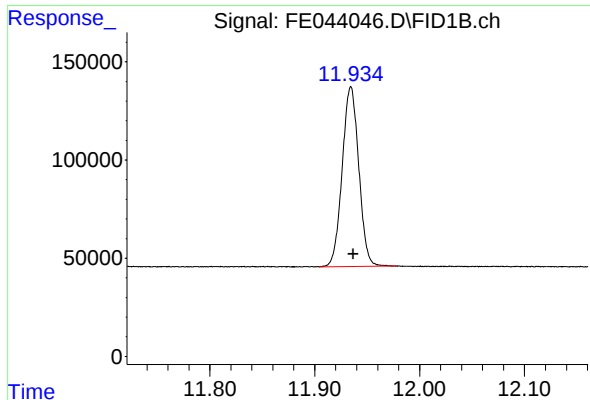
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.001 min
Response: 918308
Conc: 5.31 ug/ml



#8 n-Octadecane (C18)

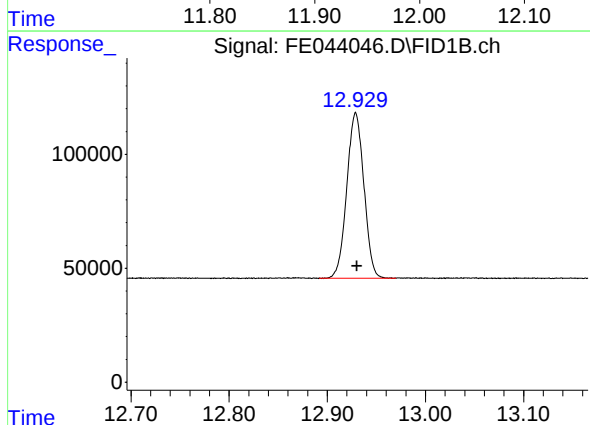
R.T.: 11.618 min
Delta R.T.: -0.002 min
Response: 928322
Conc: 5.33 ug/ml



#9 ortho-Terphenyl (SURR)

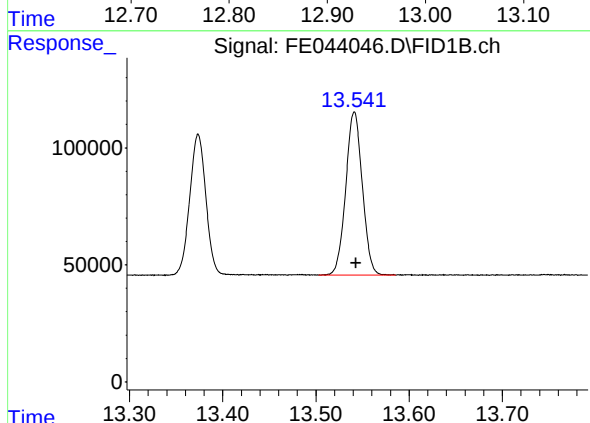
R.T.: 11.934 min
Delta R.T.: -0.002 min
Response: 1005443
Conc: 5.31 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



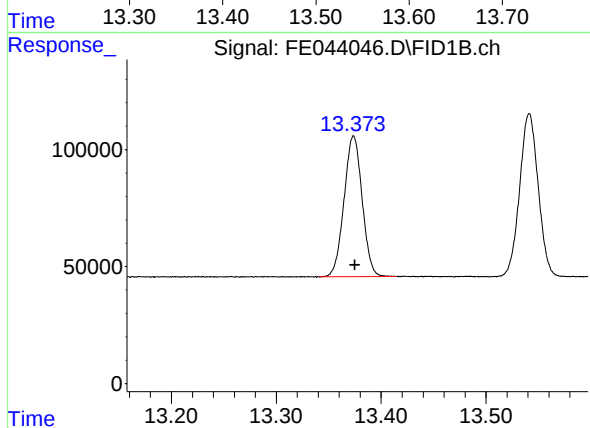
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.001 min
Response: 879710
Conc: 5.32 ug/ml



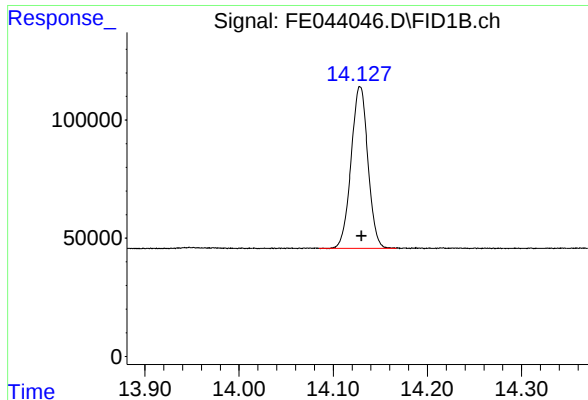
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.002 min
Response: 858943
Conc: 5.31 ug/ml



#12 1-chlorooctadecane (SURR)

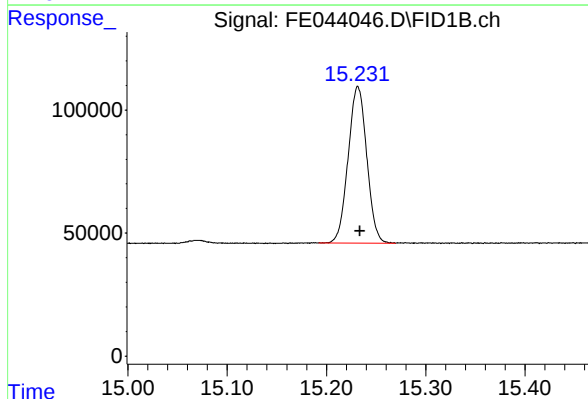
R.T.: 13.374 min
Delta R.T.: -0.001 min
Response: 720860
Conc: 5.22 ug/ml



#13 n-Docosane (C22)

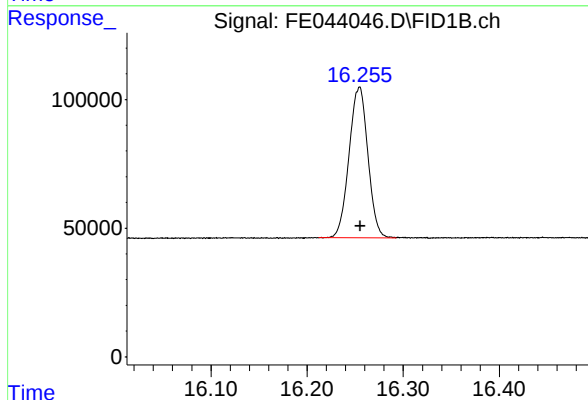
R.T.: 14.129 min
Delta R.T.: -0.002 min
Response: 846503
Conc: 5.30 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



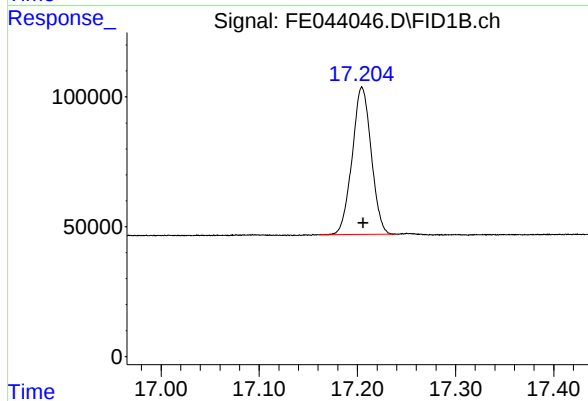
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.002 min
Response: 827975
Conc: 5.29 ug/ml



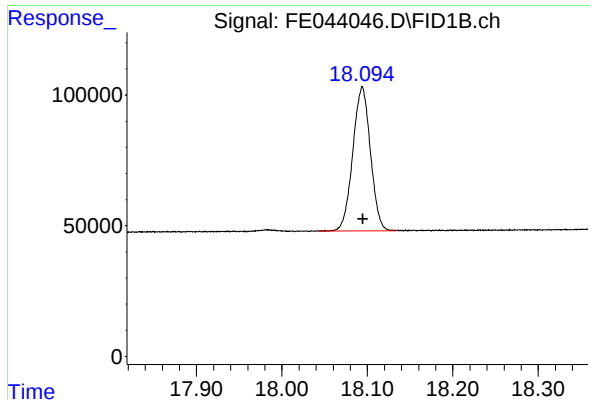
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 797564
Conc: 5.29 ug/ml



#16 n-Octacosane (C28)

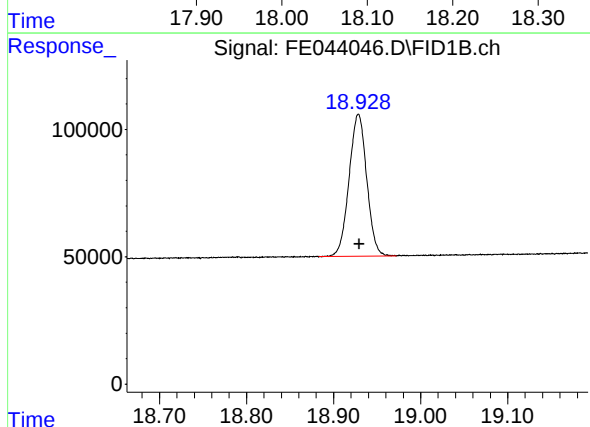
R.T.: 17.205 min
Delta R.T.: -0.001 min
Response: 764594
Conc: 5.30 ug/ml



#17 n-Tricontane (C30)

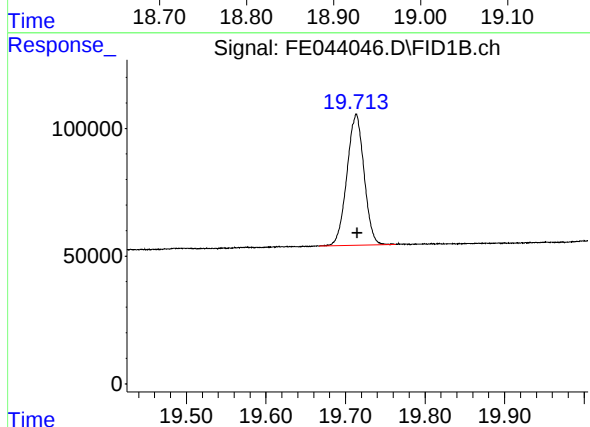
R.T.: 18.094 min
Delta R.T.: 0.000 min
Response: 788507
Conc: 5.43 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



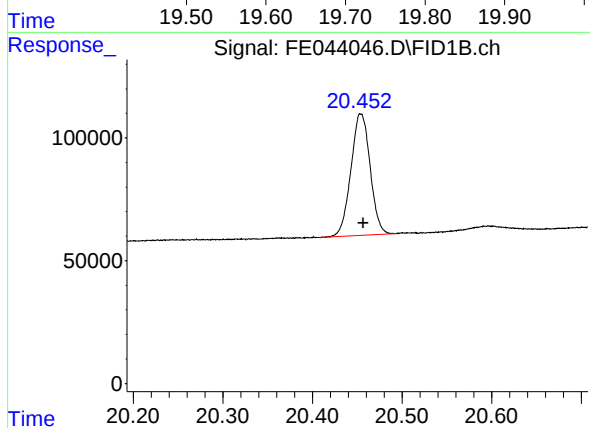
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: 0.000 min
Response: 784609
Conc: 5.51 ug/ml



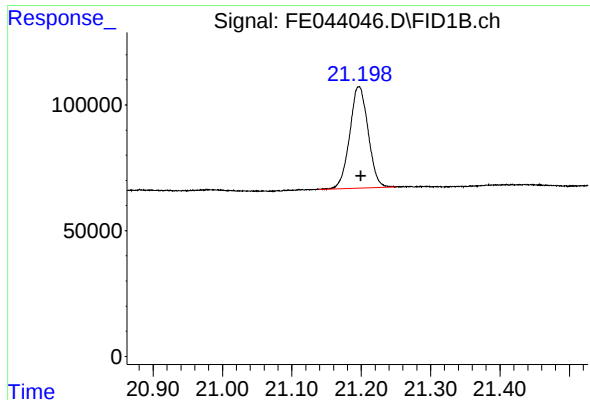
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.000 min
Response: 767118
Conc: 5.48 ug/ml



#20 n-Hexatriacontane (C36)

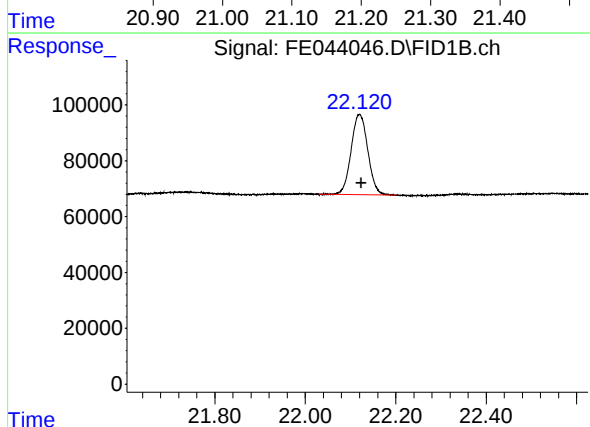
R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 736492
Conc: 5.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.003 min
Response: 742956
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.004 min
Response: 740035
Conc: 5.35 ug/ml