

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041976.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 05:51
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 18 06:26:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:26:08 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)	11.966	903898	5.119 ug/ml
Spiked Amount 50.000		Recovery =	10.24%
12) S 1-chlorooctadecane (S...	13.403	700350	5.271 ug/ml
Spiked Amount 50.000		Recovery =	10.54%
Target Compounds			
1) T n-Nonane (C9)	3.347	736477	5.107 ug/ml
2) T n-Decane (C10)	4.599	755440	5.103 ug/ml
3) T A~Naphthalene (C11.7)	6.306	823504	5.047 ug/ml
4) T n-Dodecane (C12)	6.767	767852	5.121 ug/ml
5) T A~2-methylnaphthalene...	7.403	800805	5.046 ug/ml
6) T n-Tetradecane (C14)	8.596	766131	5.114 ug/ml
7) T n-Hexadecane (C16)	10.204	797425	5.119 ug/ml
8) T n-Octadecane (C18)	11.647	814334	5.150 ug/ml
10) T n-Eicosane (C20)	12.957	781729	5.157 ug/ml
11) T n-Heneicosane (C21)	13.569	761874	5.142 ug/ml
13) T n-Docosane (C22)	14.156	756908	5.163 ug/ml
14) T n-Tetracosane (C24)	15.259	755220	5.232 ug/ml
15) T n-Hexacosane (C26)	16.280	719812	5.197 ug/ml
16) T n-Octacosane (C28)	17.230	705693	5.271 ug/ml
17) T n-Tricontane (C30)	18.116	727867	5.392 ug/ml
18) T n-Dotriacontane (C32)	18.949	737029	5.517 ug/ml
19) T n-Tetratriacontane (C34)	19.733	718476	5.463 ug/ml
20) T n-Hexatriacontane (C36)	20.473	699000	5.378 ug/ml
21) T n-Octatriacontane (C38)	21.226	729670	5.378 ug/ml
22) T n-Tetracontane (C40)	22.161	746218	5.364 ug/ml

(f)=RT Delta > 1/2 Window

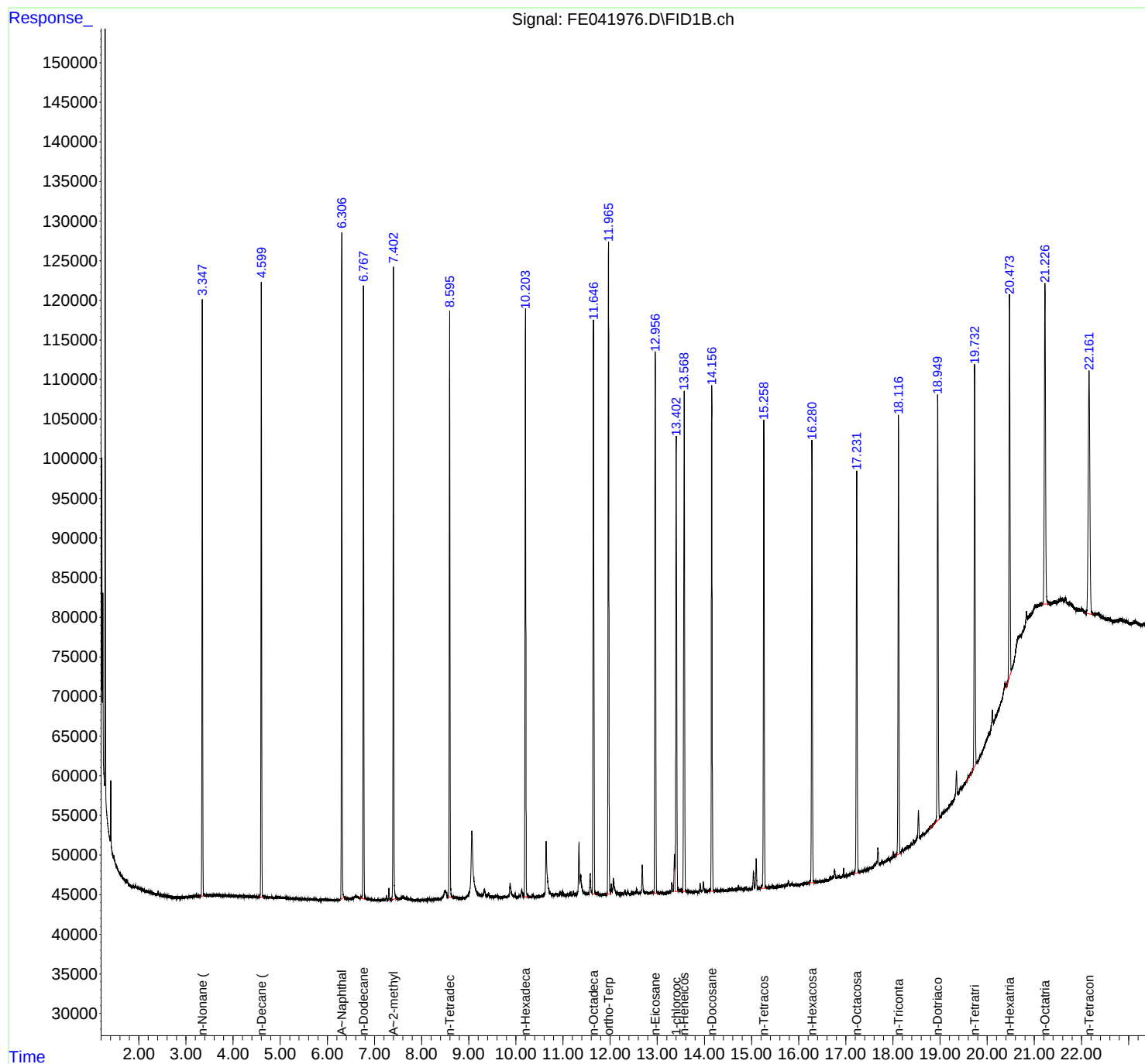
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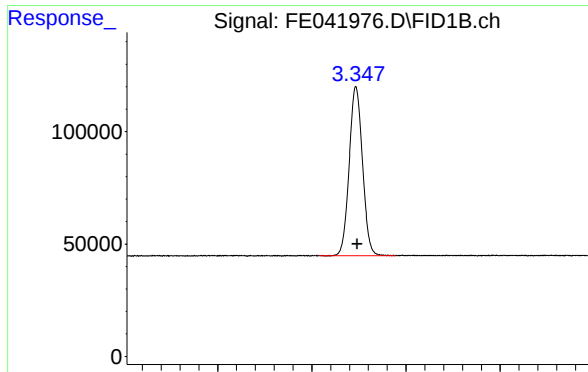
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
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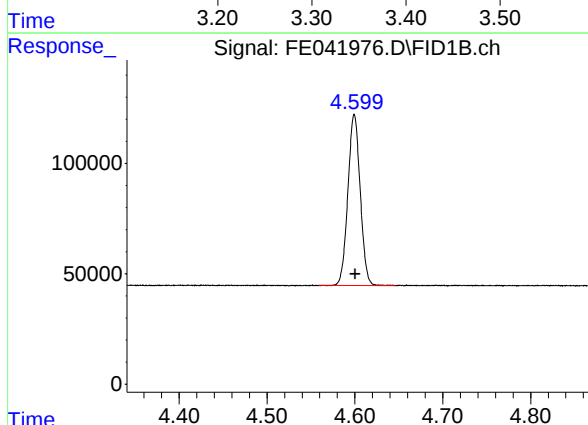




#1 n-Nonane (C9)

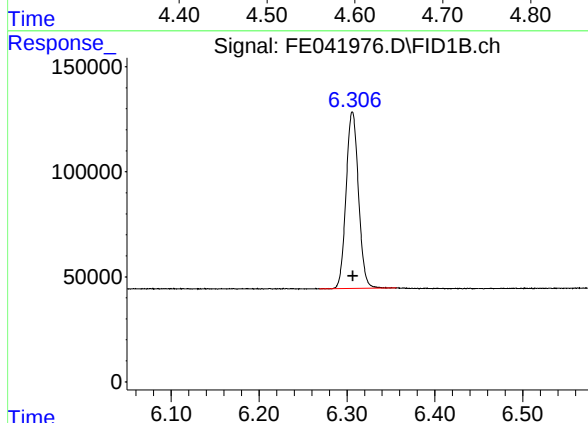
R.T.: 3.347 min
Delta R.T.: -0.001 min
Response: 736477
Conc: 5.11 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



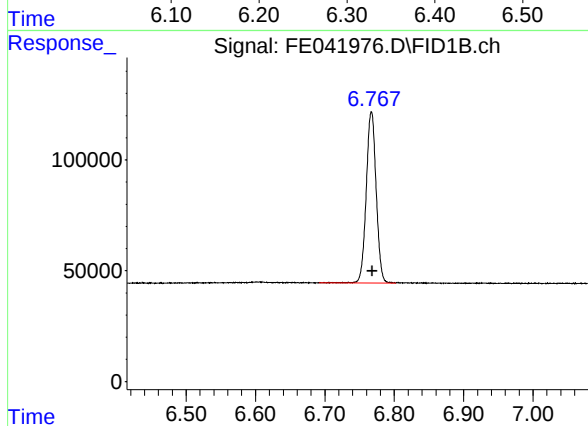
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.001 min
Response: 755440
Conc: 5.10 ug/ml



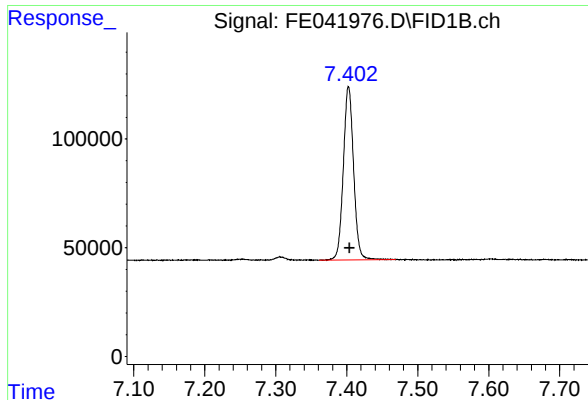
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 823504
Conc: 5.05 ug/ml



#4 n-Dodecane (C12)

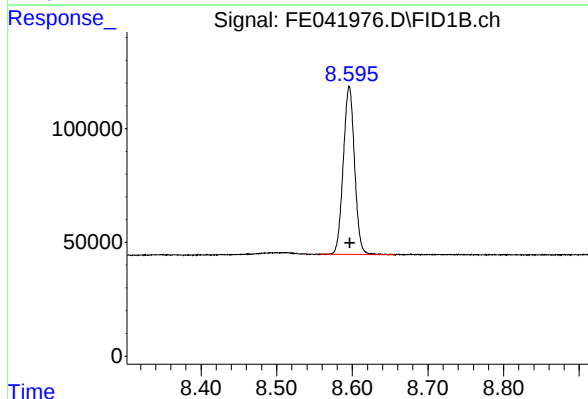
R.T.: 6.767 min
Delta R.T.: -0.001 min
Response: 767852
Conc: 5.12 ug/ml



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

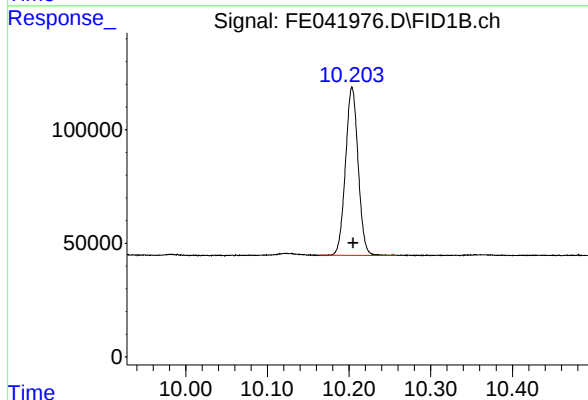
R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 800805
Conc: 5.05 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



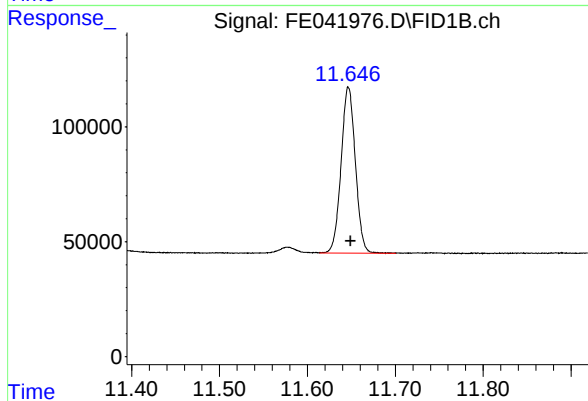
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.001 min
Response: 766131
Conc: 5.11 ug/ml



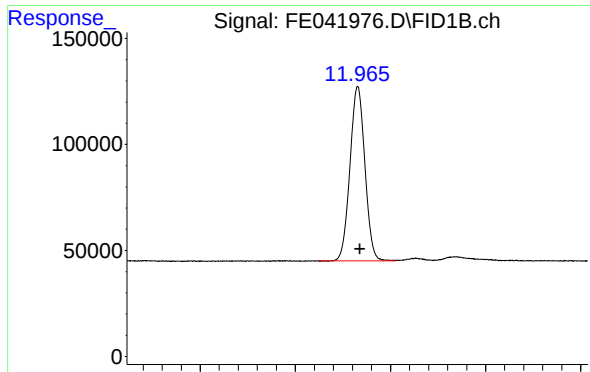
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.002 min
Response: 797425
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

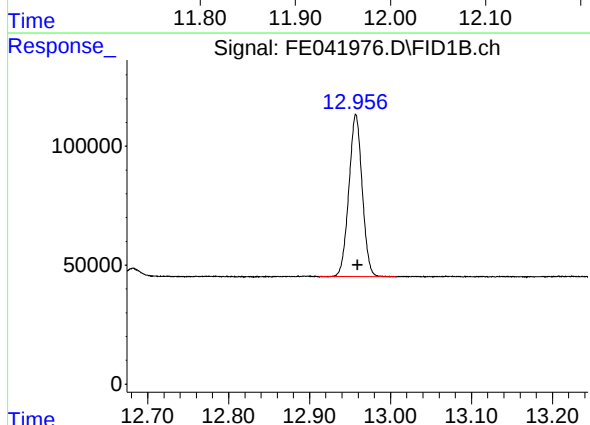
R.T.: 11.647 min
Delta R.T.: -0.002 min
Response: 814334
Conc: 5.15 ug/ml



#9 ortho-Terphenyl (SURR)

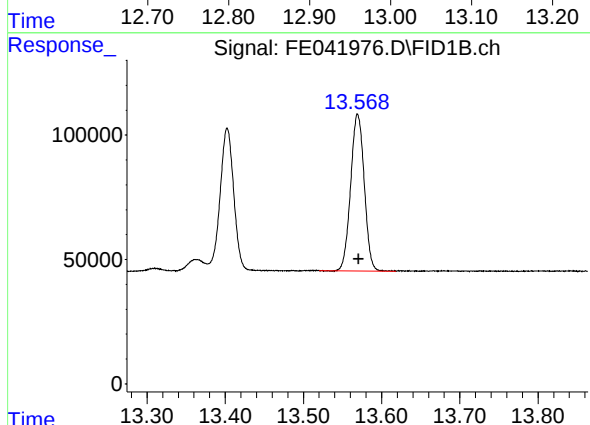
R.T.: 11.966 min
Delta R.T.: -0.002 min
Response: 903898
Conc: 5.12 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



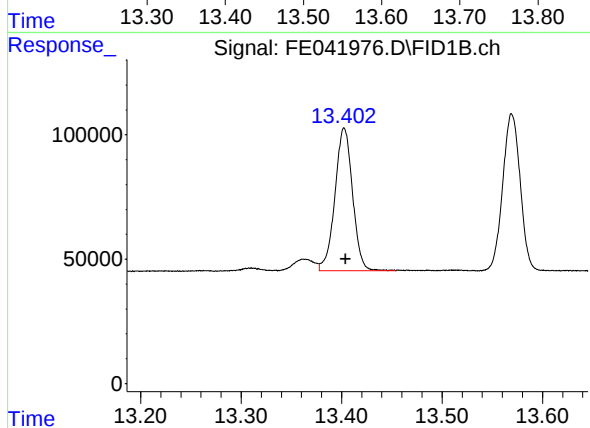
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.002 min
Response: 781729
Conc: 5.16 ug/ml



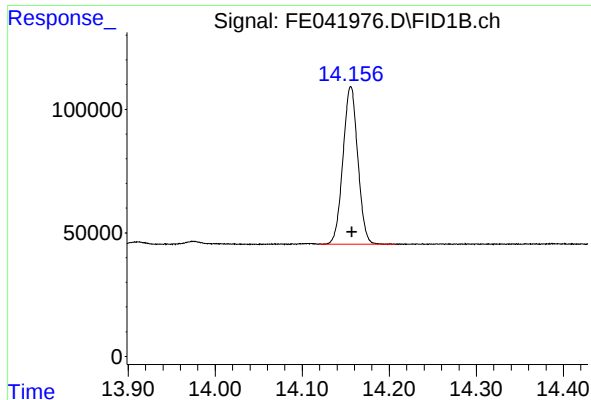
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.001 min
Response: 761874
Conc: 5.14 ug/ml



#12 1-chlorooctadecane (SURR)

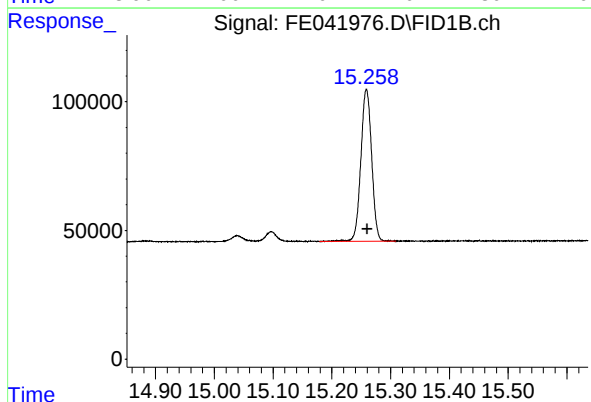
R.T.: 13.403 min
Delta R.T.: -0.002 min
Response: 700350
Conc: 5.27 ug/ml



#13 n-Docosane (C22)

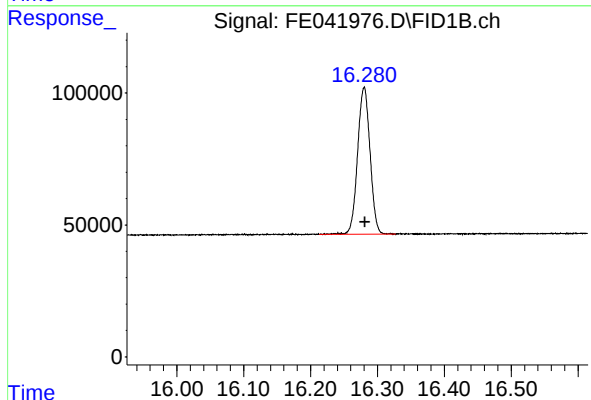
R.T.: 14.156 min
Delta R.T.: -0.001 min
Response: 756908
Conc: 5.16 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



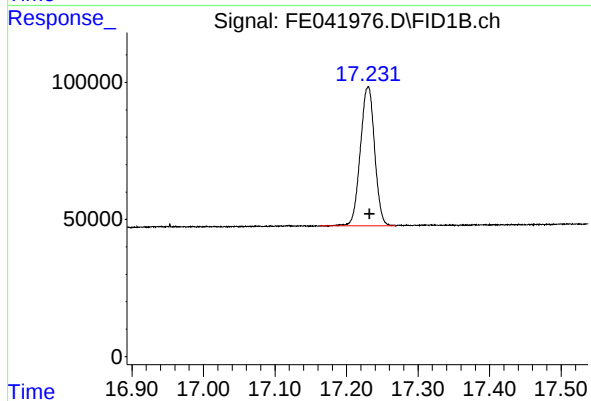
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.002 min
Response: 755220
Conc: 5.23 ug/ml



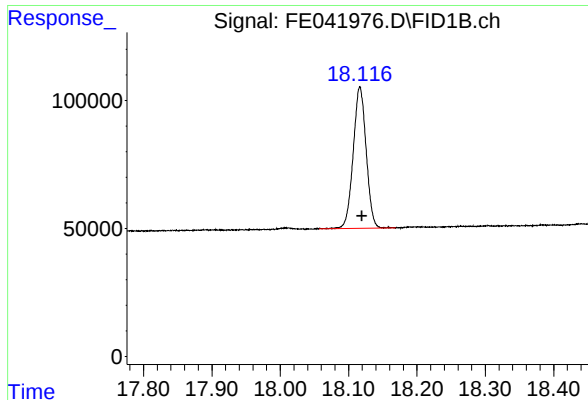
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.000 min
Response: 719812
Conc: 5.20 ug/ml



#16 n-Octacosane (C28)

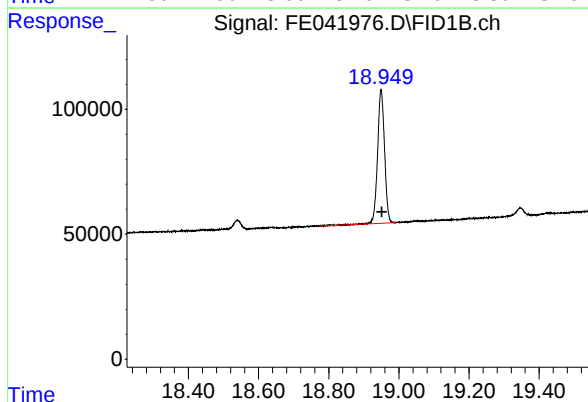
R.T.: 17.230 min
Delta R.T.: -0.002 min
Response: 705693
Conc: 5.27 ug/ml



#17 n-Tricontane (C30)

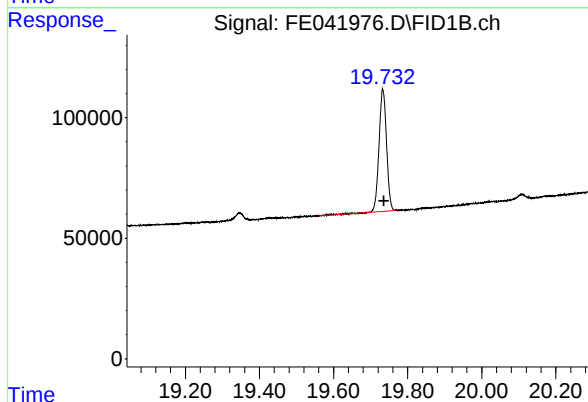
R.T.: 18.116 min
Delta R.T.: -0.003 min
Response: 727867
Conc: 5.39 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



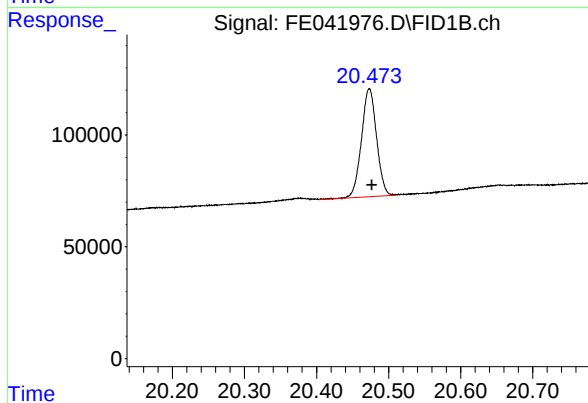
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.003 min
Response: 737029
Conc: 5.52 ug/ml



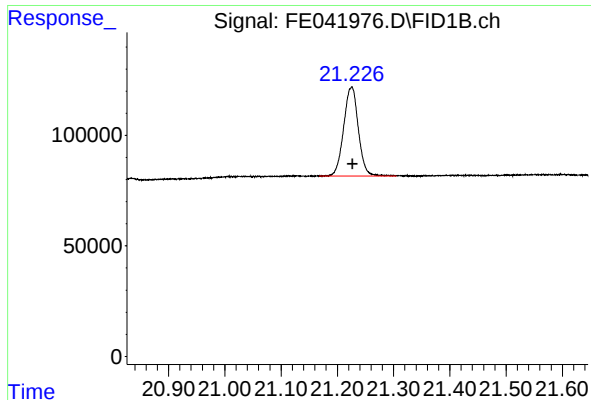
#19 n-Tetatriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.004 min
Response: 718476
Conc: 5.46 ug/ml



#20 n-Hexatriacontane (C36)

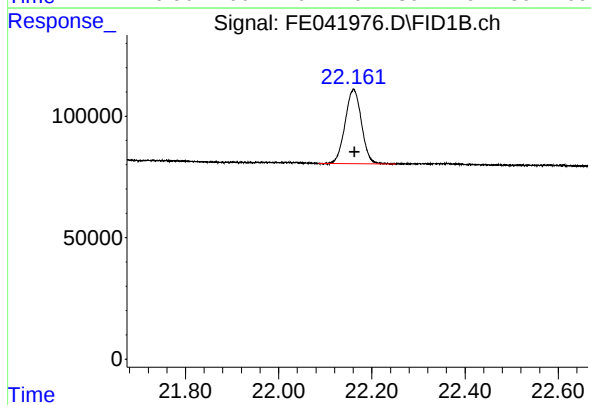
R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 699000
Conc: 5.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.002 min
Response: 729670
Conc: 5.38 ug/ml

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FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.002 min
Response: 746218
Conc: 5.36 ug/ml