

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042523AL\
 Data File : FE041524.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2023 11:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 26 01:17:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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

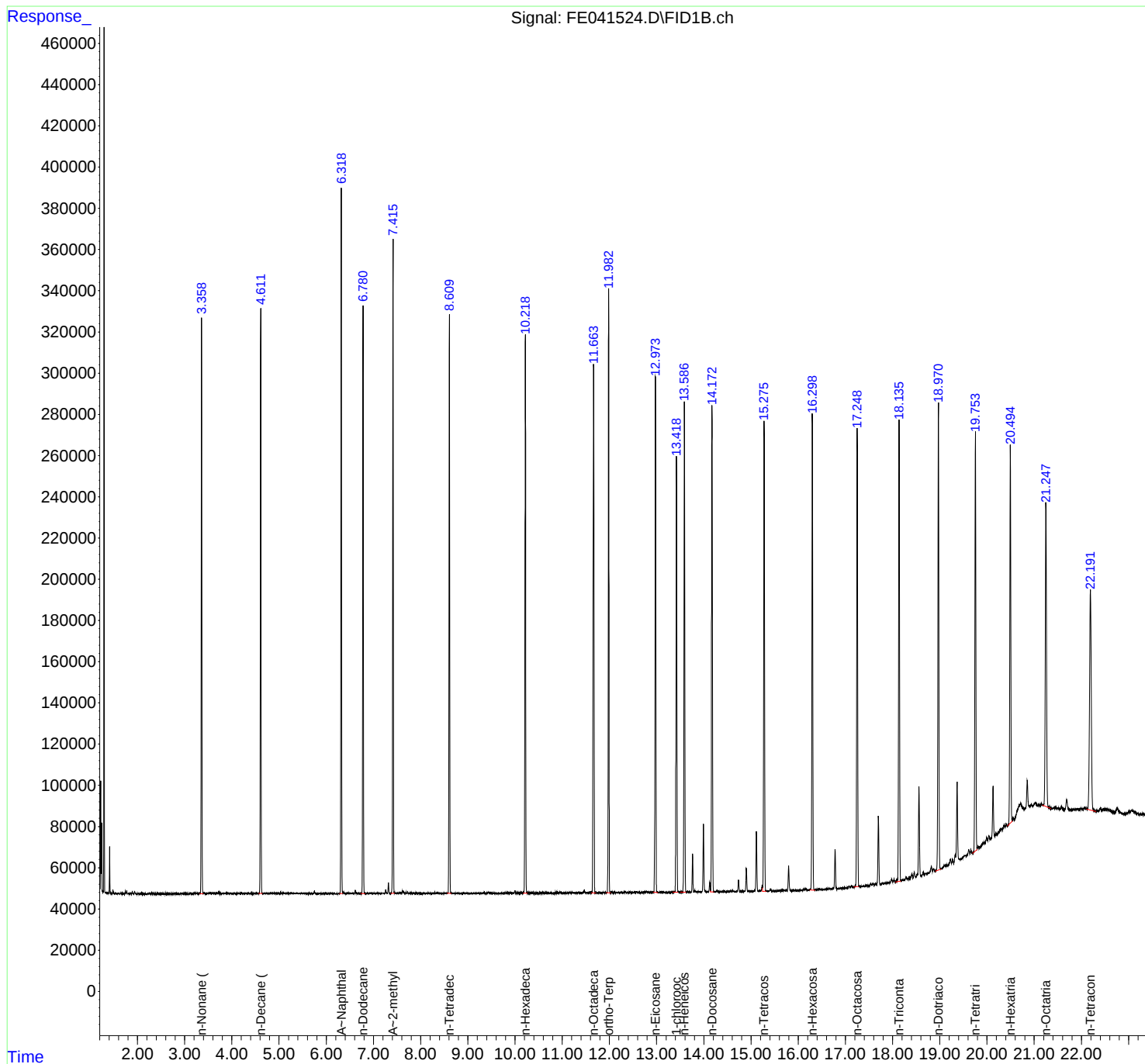
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.983	3144306	16.760 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
12) S 1-chlorooctadecane (S...	13.419	2456263	17.387 ug/ml
Spiked Amount 50.000		Recovery =	34.77%
Target Compounds			
1) T n-Nonane (C9)	3.358	2687424	18.282 ug/ml
2) T n-Decane (C10)	4.611	2749797	18.334 ug/ml
3) T A~Naphthalene (C11.7)	6.318	3179706	19.214 ug/ml
4) T n-Dodecane (C12)	6.780	2809149	18.476 ug/ml
5) T A~2-methylnaphthalene...	7.416	3032923	18.809 ug/ml
6) T n-Tetradecane (C14)	8.610	2838262	18.685 ug/ml
7) T n-Hexadecane (C16)	10.219	2921930	18.310 ug/ml
8) T n-Octadecane (C18)	11.663	2955525	18.031 ug/ml
10) T n-Eicosane (C20)	12.974	2871829	17.855 ug/ml
11) T n-Heneicosane (C21)	13.586	2852582	17.899 ug/ml
13) T n-Docosane (C22)	14.172	2863232	17.970 ug/ml
14) T n-Tetracosane (C24)	15.276	2906259	18.027 ug/ml
15) T n-Hexacosane (C26)	16.298	2876334	18.193 ug/ml
16) T n-Octacosane (C28)	17.249	2927072	19.023 ug/ml
17) T n-Tricontane (C30)	18.136	3079047	20.217 ug/ml
18) T n-Dotriacontane (C32)	18.970	3124618	20.974 ug/ml
19) T n-Tetratriacontane (C34)	19.754	2905049	20.621 ug/ml
20) T n-Hexatriacontane (C36)	20.494	2672537	19.985 ug/ml
21) T n-Octatriacontane (C38)	21.247	2632438	19.922 ug/ml
22) T n-Tetracontane (C40)	22.191	2663256	21.035 ug/ml

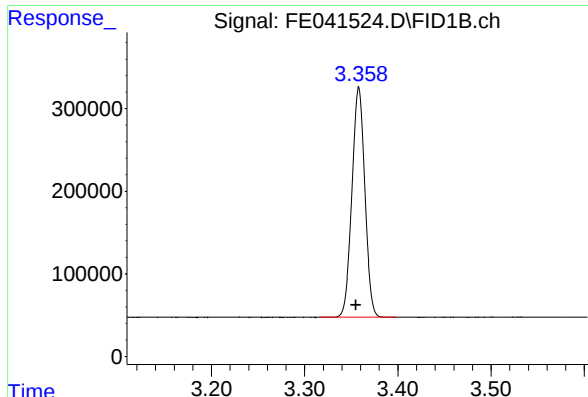
(f)=RT Delta > 1/2 Window

(m)=manual int.

```
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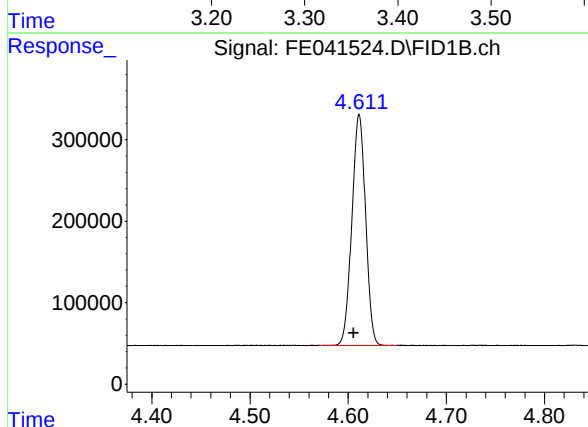




#1 n-Nonane (C9)

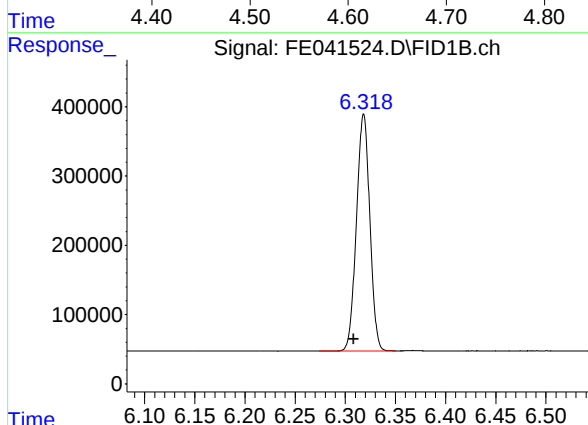
R.T.: 3.358 min
Delta R.T.: 0.003 min
Response: 2687424
Conc: 18.28 ug/ml

Instrument :
FID_E
ClientSampleId :



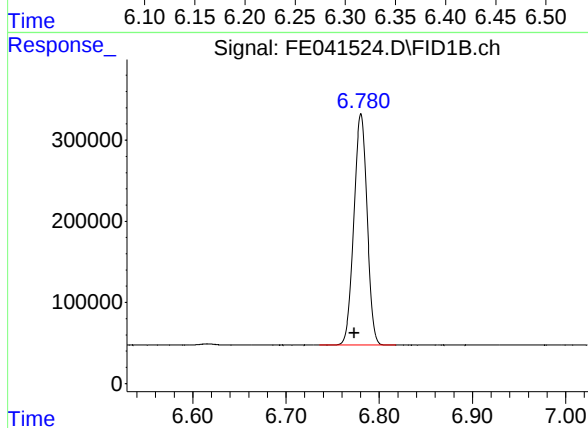
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.006 min
Response: 2749797
Conc: 18.33 ug/ml



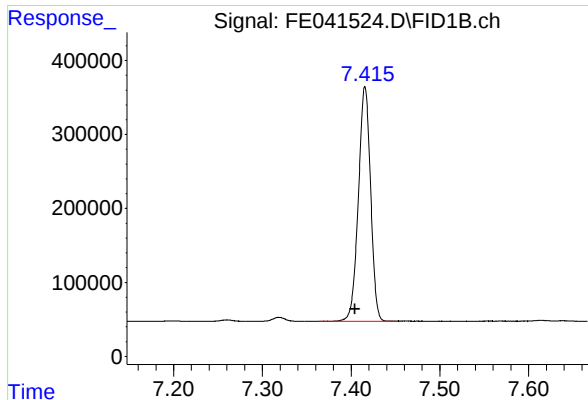
#3 A~Naphthalene (C11.7)

R.T.: 6.318 min
Delta R.T.: 0.010 min
Response: 3179706
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

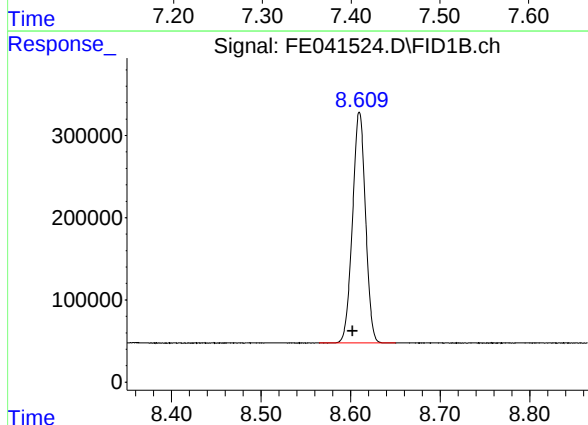
R.T.: 6.780 min
Delta R.T.: 0.007 min
Response: 2809149
Conc: 18.48 ug/ml



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

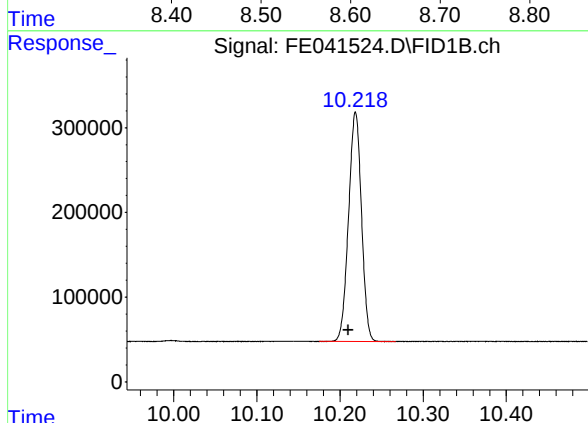
R.T.: 7.416 min
Delta R.T.: 0.011 min
Response: 3032923
Conc: 18.81 ug/ml

Instrument :
FID_E
ClientSampleId :



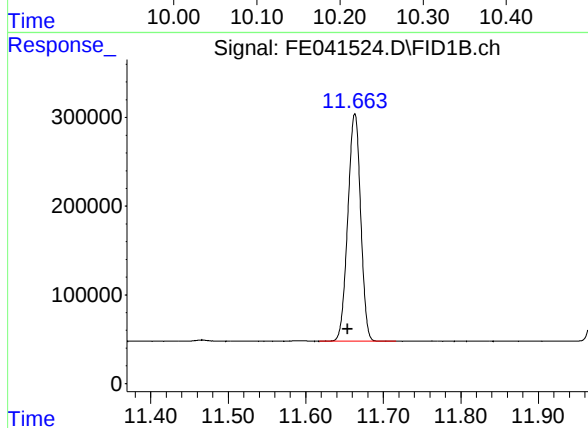
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.008 min
Response: 2838262
Conc: 18.68 ug/ml



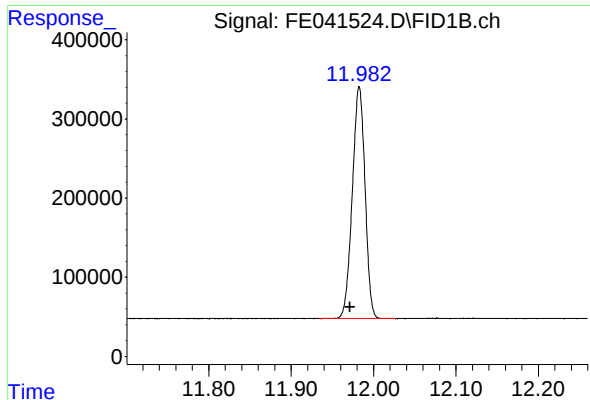
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.009 min
Response: 2921930
Conc: 18.31 ug/ml



#8 n-Octadecane (C18)

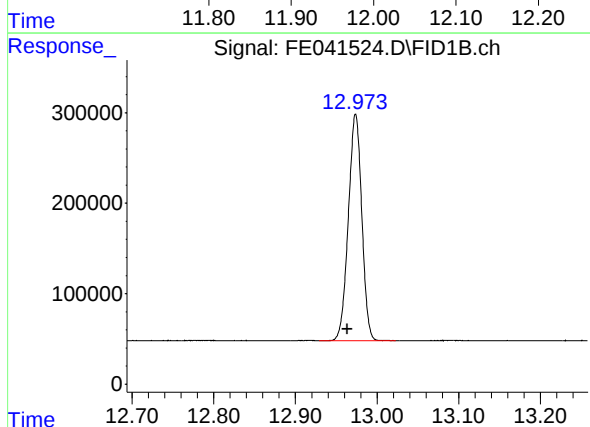
R.T.: 11.663 min
Delta R.T.: 0.009 min
Response: 2955525
Conc: 18.03 ug/ml



#9 ortho-Terphenyl (SURR)

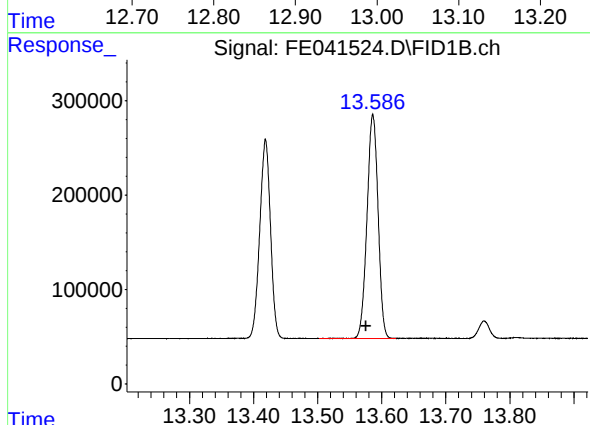
R.T.: 11.983 min
Delta R.T.: 0.011 min
Response: 3144306
Conc: 16.76 ug/ml

Instrument :
FID_E
ClientSampleId :



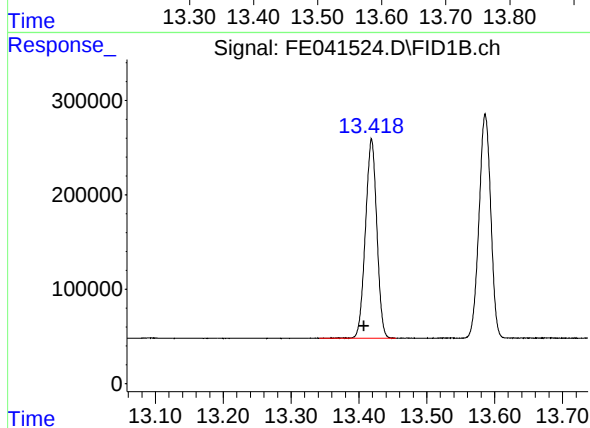
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.010 min
Response: 2871829
Conc: 17.85 ug/ml



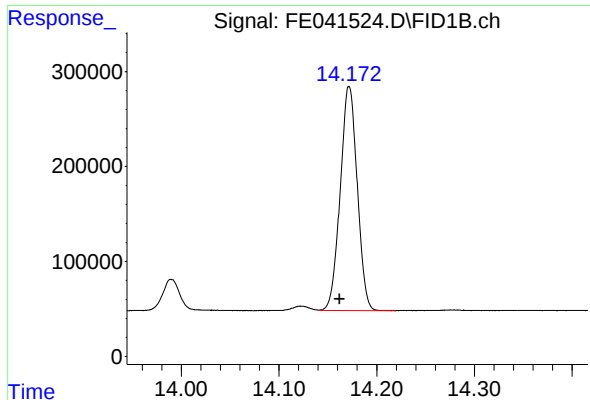
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.010 min
Response: 2852582
Conc: 17.90 ug/ml



#12 1-chlorooctadecane (SURR)

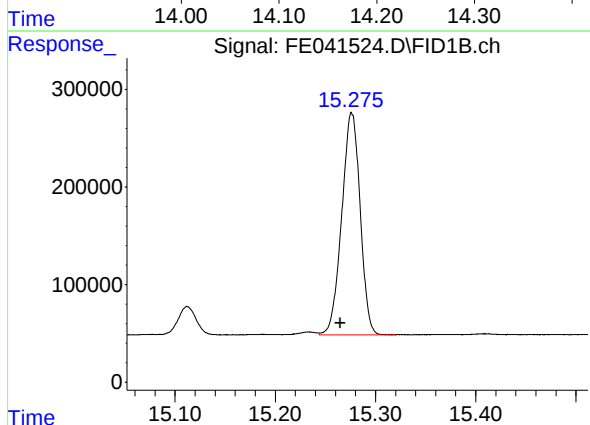
R.T.: 13.419 min
Delta R.T.: 0.011 min
Response: 2456263
Conc: 17.39 ug/ml



#13 n-Docosane (C22)

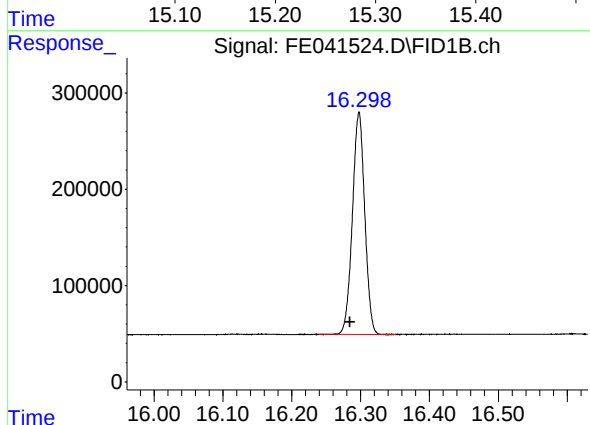
R.T.: 14.172 min
Delta R.T.: 0.010 min
Response: 2863232
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :



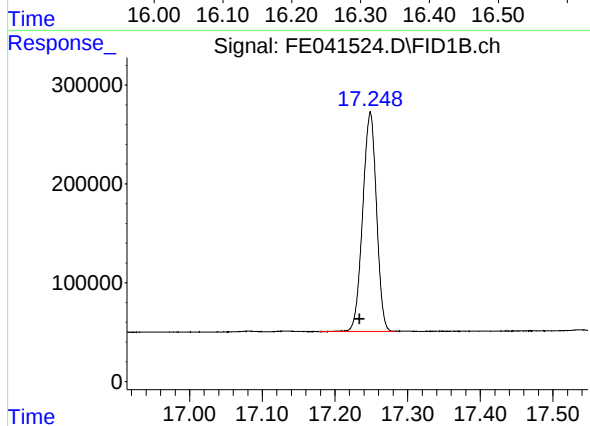
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.011 min
Response: 2906259
Conc: 18.03 ug/ml



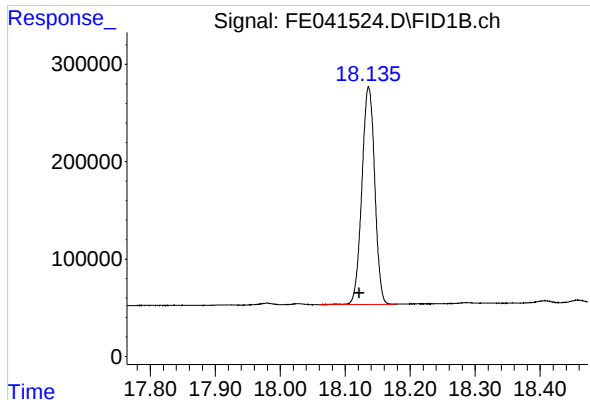
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.013 min
Response: 2876334
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

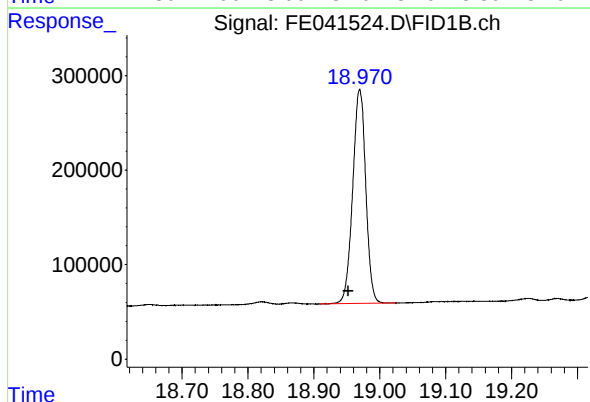
R.T.: 17.249 min
Delta R.T.: 0.015 min
Response: 2927072
Conc: 19.02 ug/ml



#17 n-Tricontane (C30)

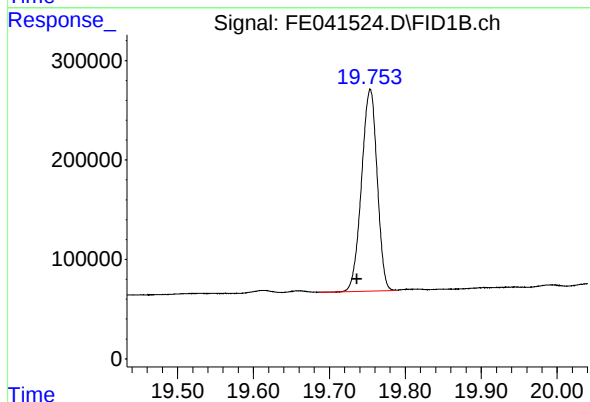
R.T.: 18.136 min
Delta R.T.: 0.014 min
Response: 3079047
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :



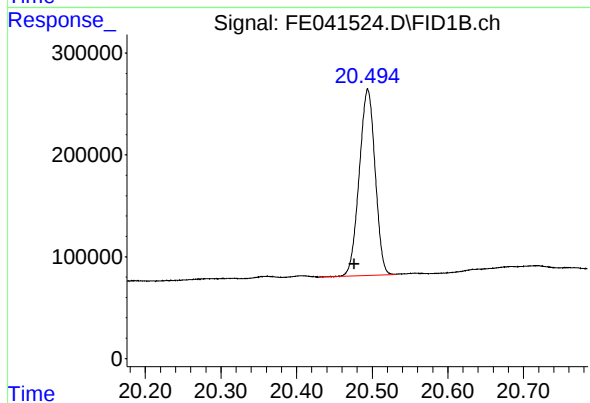
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: 0.017 min
Response: 3124618
Conc: 20.97 ug/ml



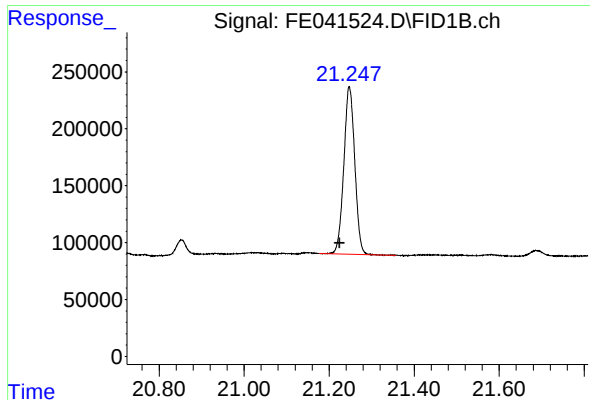
#19 n-Tetratriacontane (C34)

R.T.: 19.754 min
Delta R.T.: 0.018 min
Response: 2905049
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

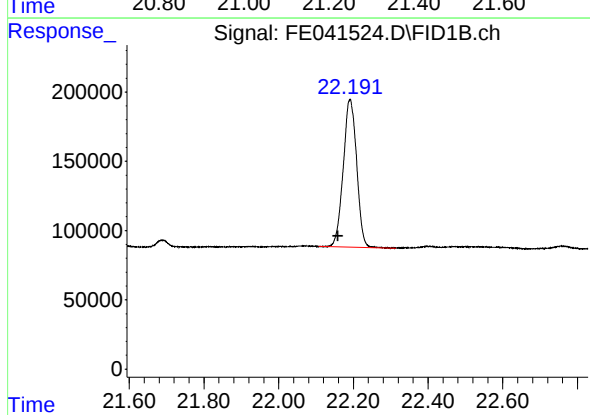
R.T.: 20.494 min
Delta R.T.: 0.018 min
Response: 2672537
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.247 min
Delta R.T.: 0.022 min
Response: 2632438
Conc: 19.92 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.032 min
Response: 2663256
Conc: 21.03 ug/ml