

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
 Data File : FE042973.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 21:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 28 02:25:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.913	3428825	18.665 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
12) S 1-chlorooctadecane (S...	13.351	2535483	18.631 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.292	2995752	19.394 ug/ml
2) T n-Decane (C10)	4.544	3052268	19.323 ug/ml
3) T A~Naphthalene (C11.7)	6.253	3263488	19.274 ug/ml
4) T n-Dodecane (C12)	6.714	3086959	19.285 ug/ml
5) T A~2-methylnaphthalene...	7.351	3099981	19.120 ug/ml
6) T n-Tetradecane (C14)	8.543	3055972	19.202 ug/ml
7) T n-Hexadecane (C16)	10.151	3144457	19.092 ug/ml
8) T n-Octadecane (C18)	11.594	3146325	18.929 ug/ml
10) T n-Eicosane (C20)	12.905	2981844	18.791 ug/ml
11) T n-Heneicosane (C21)	13.517	2898591	18.735 ug/ml
13) T n-Docosane (C22)	14.103	2840608	18.648 ug/ml
14) T n-Tetracosane (C24)	15.207	2782631	18.754 ug/ml
15) T n-Hexacosane (C26)	16.226	2706147	18.929 ug/ml
16) T n-Octacosane (C28)	17.178	2677937	19.308 ug/ml
17) T n-Tricontane (C30)	18.066	2808787	19.860 ug/ml
18) T n-Dotriacontane (C32)	18.900	2823868	20.133 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2758524	20.158 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2688726	20.105 ug/ml
21) T n-Octatriacontane (C38)	21.166	2737752	20.080 ug/ml
22) T n-Tetracontane (C40)	22.084	2833278	20.364 ug/ml

(f)=RT Delta > 1/2 Window

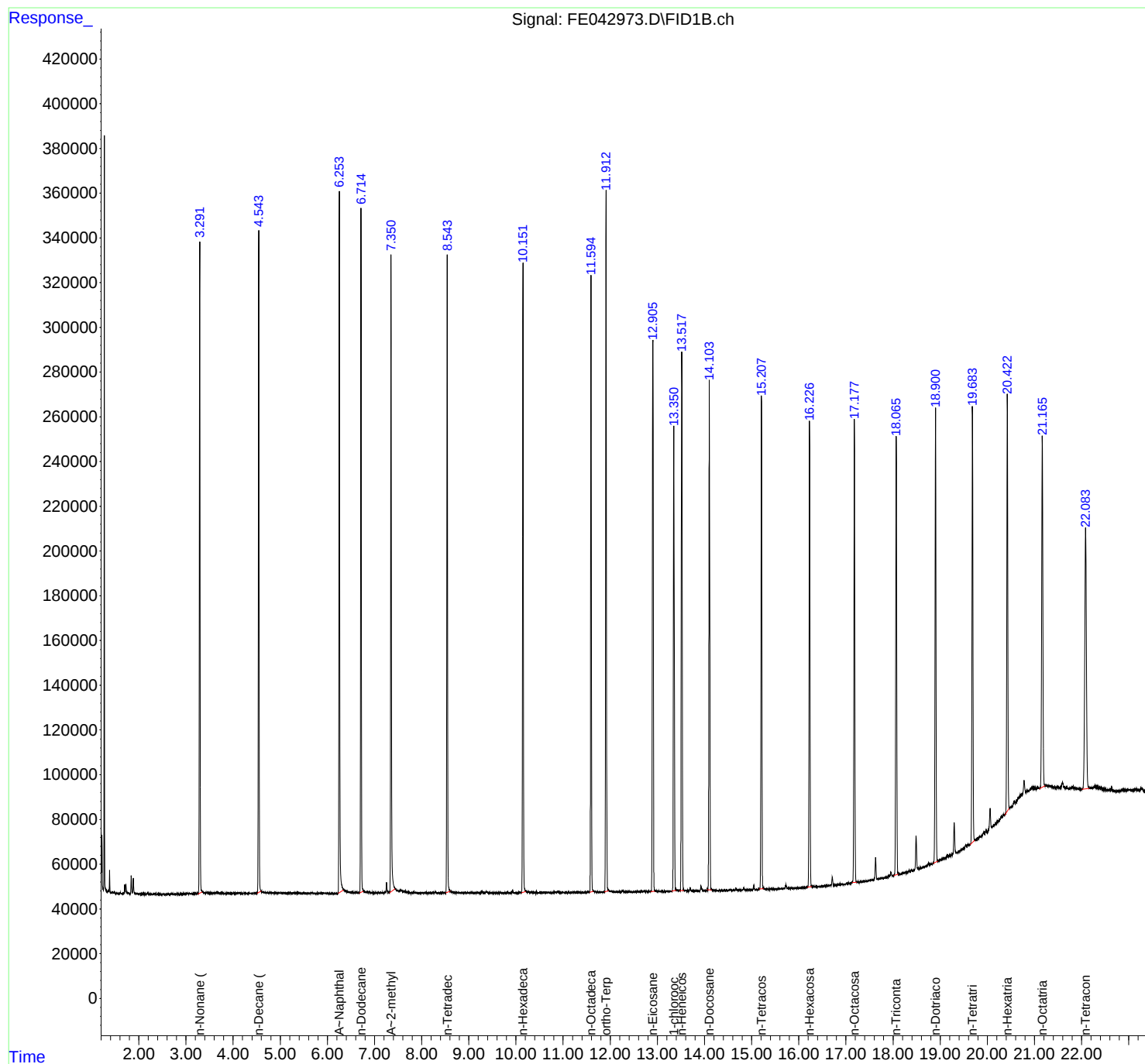
(m)=manual int.

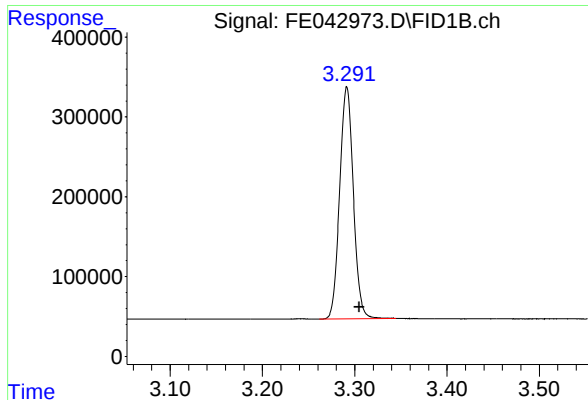
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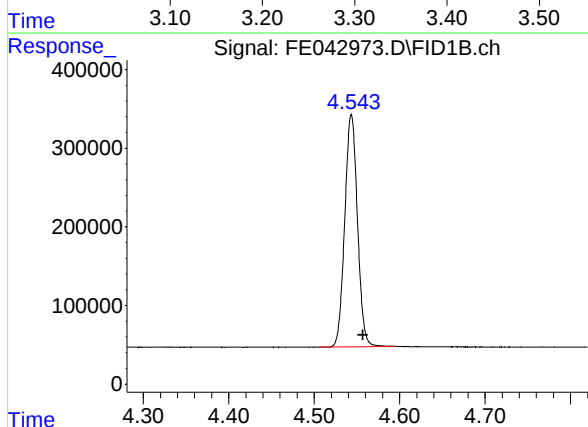




#1 n-Nonane (C9)

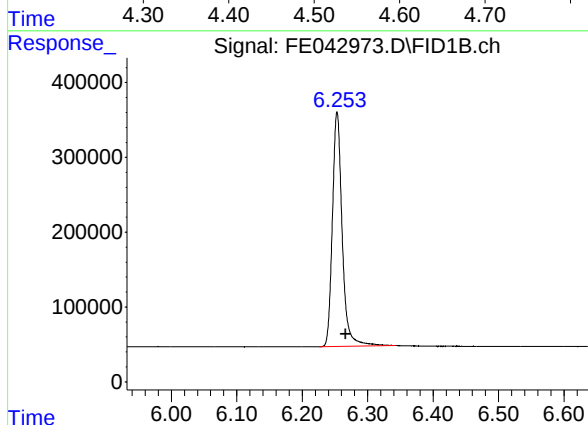
R.T.: 3.292 min
Delta R.T.: -0.013 min
Response: 2995752
Conc: 19.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



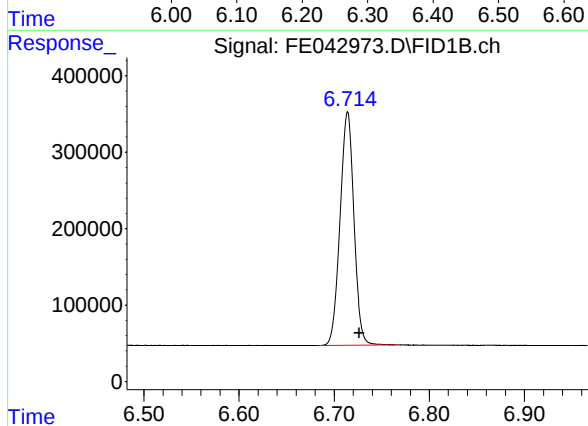
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.014 min
Response: 3052268
Conc: 19.32 ug/ml



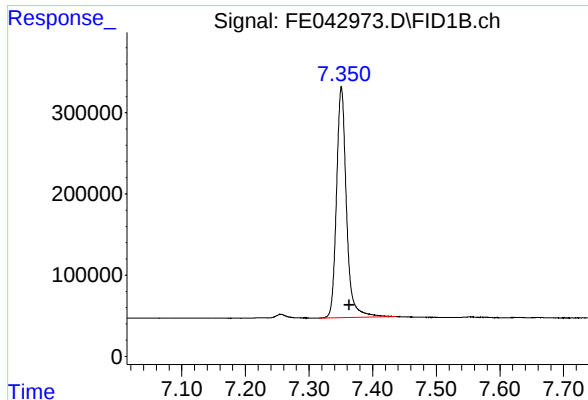
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.013 min
Response: 3263488
Conc: 19.27 ug/ml



#4 n-Dodecane (C12)

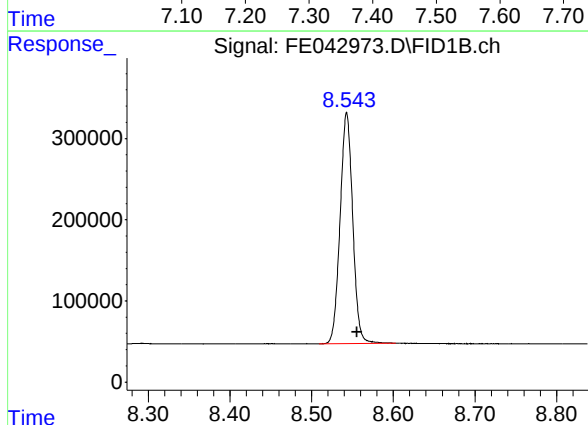
R.T.: 6.714 min
Delta R.T.: -0.012 min
Response: 3086959
Conc: 19.29 ug/ml



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

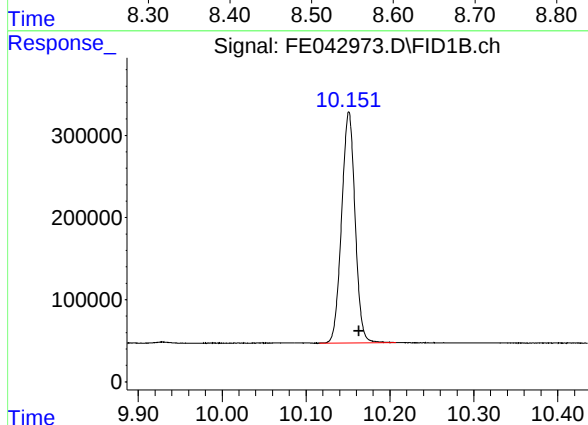
R.T.: 7.351 min
Delta R.T.: -0.012 min
Response: 3099981
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



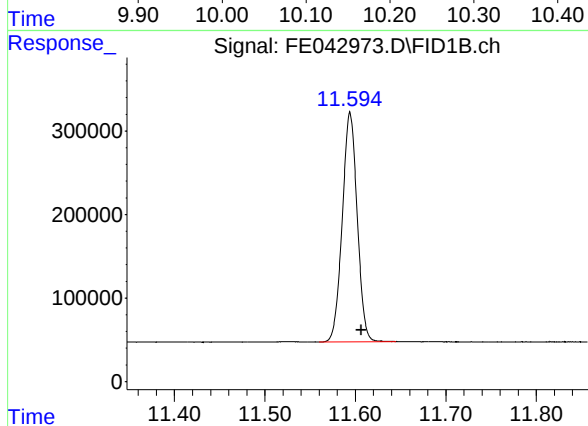
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.013 min
Response: 3055972
Conc: 19.20 ug/ml



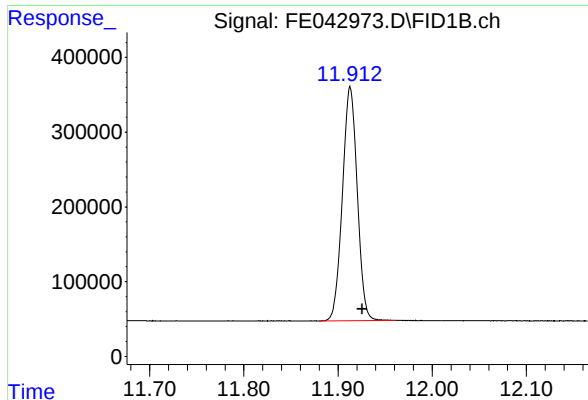
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.012 min
Response: 3144457
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

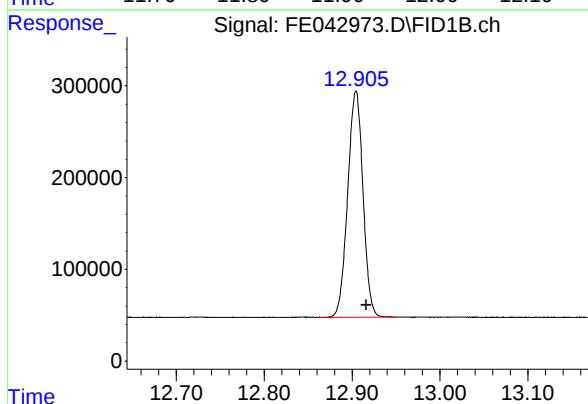
R.T.: 11.594 min
Delta R.T.: -0.013 min
Response: 3146325
Conc: 18.93 ug/ml



#9 ortho-Terphenyl (SURR)

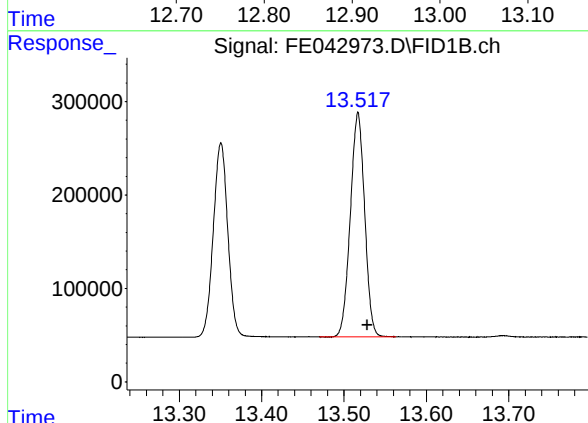
R.T.: 11.913 min
Delta R.T.: -0.013 min
Response: 3428825
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



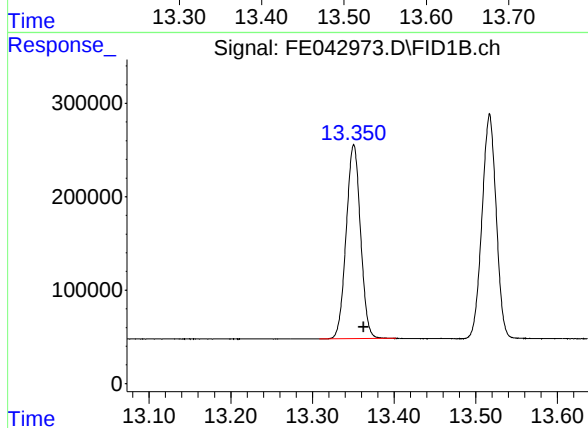
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.012 min
Response: 2981844
Conc: 18.79 ug/ml



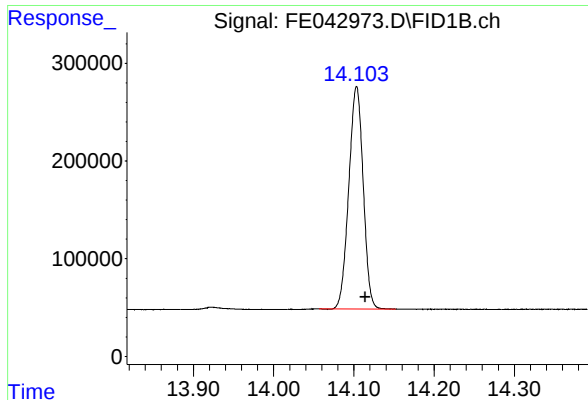
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.011 min
Response: 2898591
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

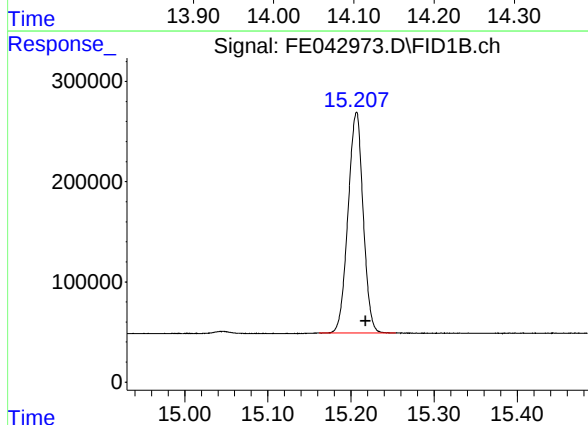
R.T.: 13.351 min
Delta R.T.: -0.012 min
Response: 2535483
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

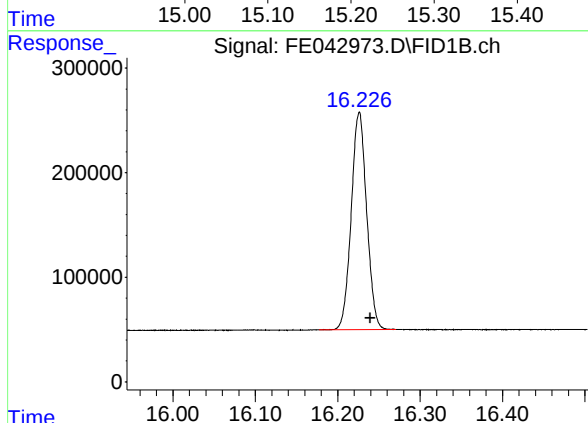
R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 2840608
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



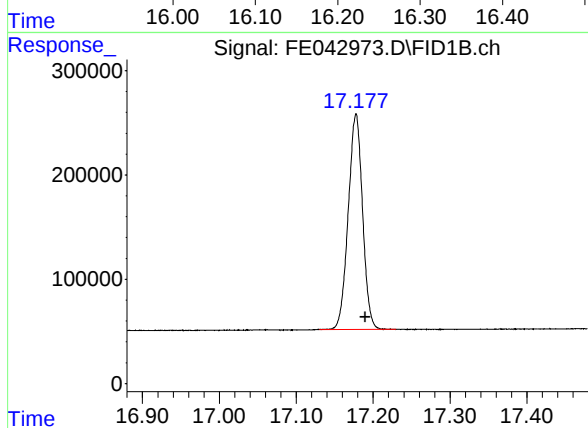
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.011 min
Response: 2782631
Conc: 18.75 ug/ml



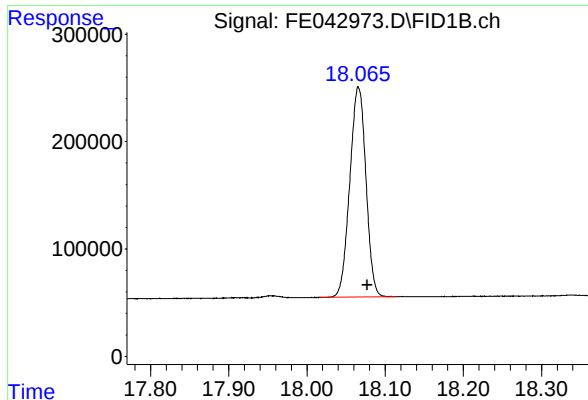
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.013 min
Response: 2706147
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

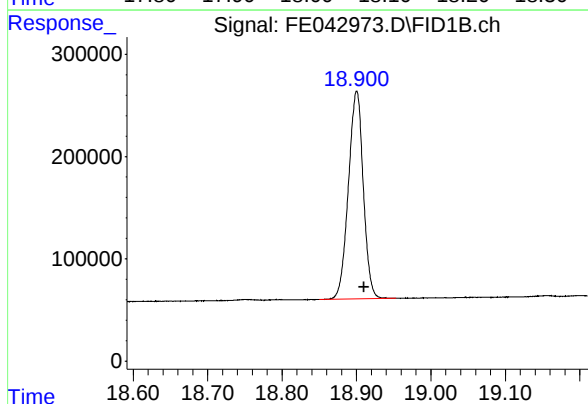
R.T.: 17.178 min
Delta R.T.: -0.012 min
Response: 2677937
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

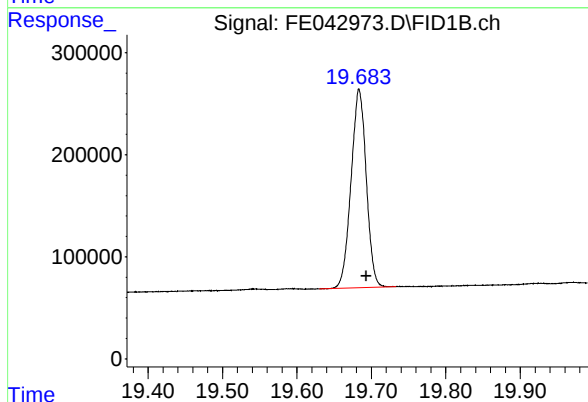
R.T.: 18.066 min
Delta R.T.: -0.011 min
Response: 2808787
Conc: 19.86 ug/ml

Instrument :
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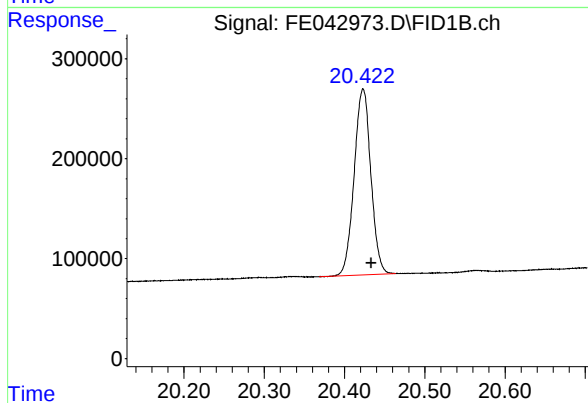
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.010 min
Response: 2823868
Conc: 20.13 ug/ml



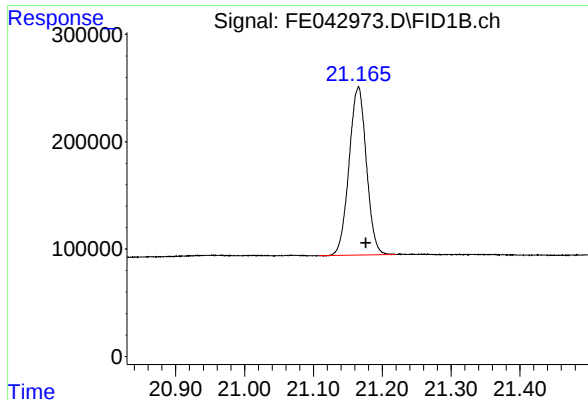
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.010 min
Response: 2758524
Conc: 20.16 ug/ml



#20 n-Hexatriacontane (C36)

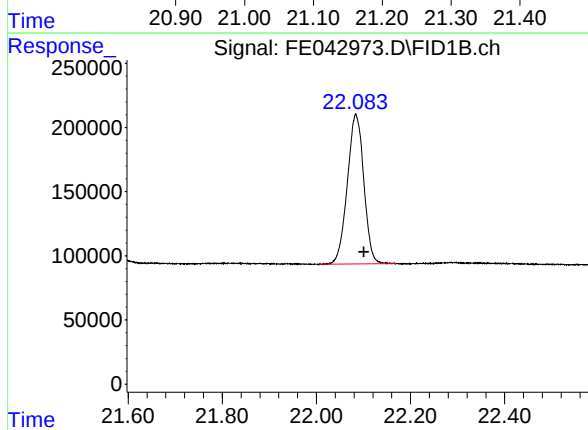
R.T.: 20.423 min
Delta R.T.: -0.010 min
Response: 2688726
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.166 min
Delta R.T.: -0.011 min
Response: 2737752
Conc: 20.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.018 min
Response: 2833278
Conc: 20.36 ug/ml