

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030525AL\
 Data File : FE052631.D
 Signal(s) : FID1B.ch
 Acq On : 05 Mar 2025 14:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 06 01:49:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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

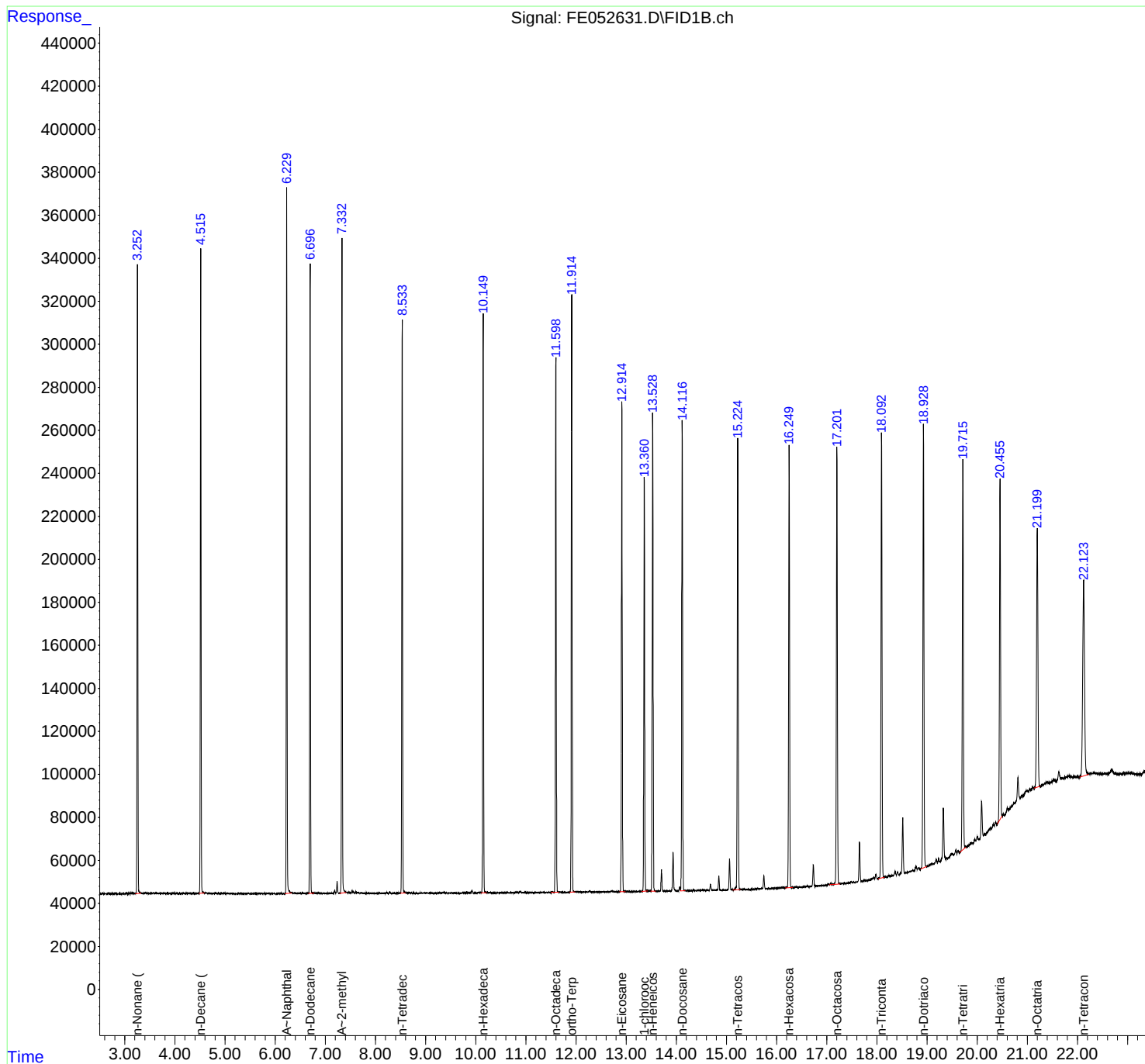
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.915	3091654	18.339 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	13.360	2326236	19.158 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.253	2969001	19.149 ug/ml
2) T n-Decane (C10)	4.515	3019932	19.223 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3250805	19.168 ug/ml
4) T n-Dodecane (C12)	6.697	2970678	19.080 ug/ml
5) T A~2-methylnaphthalene...	7.333	3095485	19.101 ug/ml
6) T n-Tetradecane (C14)	8.534	2863879	18.927 ug/ml
7) T n-Hexadecane (C16)	10.149	2890631	18.907 ug/ml
8) T n-Octadecane (C18)	11.599	2870088	18.865 ug/ml
10) T n-Eicosane (C20)	12.914	2731923	18.818 ug/ml
11) T n-Heneicosane (C21)	13.528	2677082	18.809 ug/ml
13) T n-Docosane (C22)	14.116	2680954	18.839 ug/ml
14) T n-Tetracosane (C24)	15.224	2733770	19.103 ug/ml
15) T n-Hexacosane (C26)	16.249	2725219	19.165 ug/ml
16) T n-Octacosane (C28)	17.202	2766076	19.453 ug/ml
17) T n-Tricontane (C30)	18.093	2935169	19.872 ug/ml
18) T n-Dotriacontane (C32)	18.929	2981604	20.537 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2660754	19.742 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2351734	19.792 ug/ml
21) T n-Octatriacontane (C38)	21.199	2279393	20.547 ug/ml
22) T n-Tetracontane (C40)	22.124	2274939	21.042 ug/ml

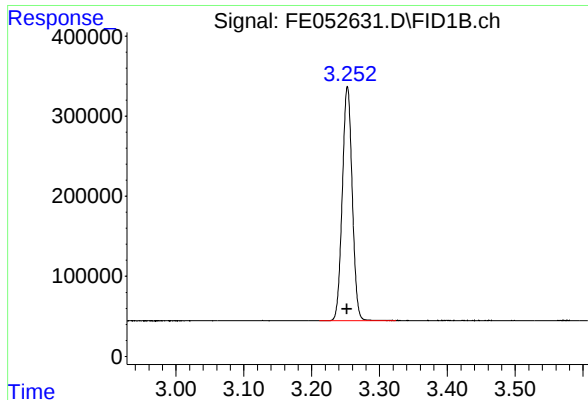
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

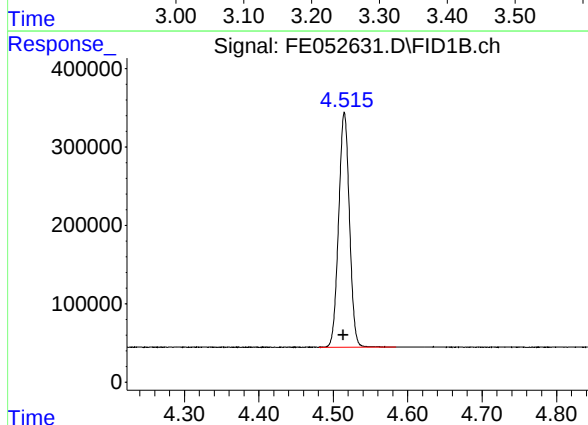




#1 n-Nonane (C9)

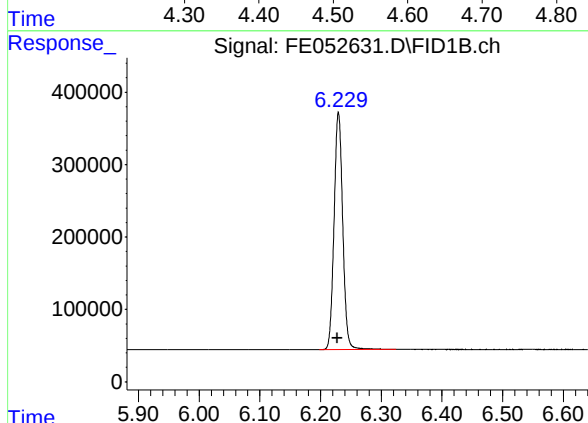
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 2969001
Conc: 19.15 ug/ml

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20 PPM ALIPHATIC HC STD



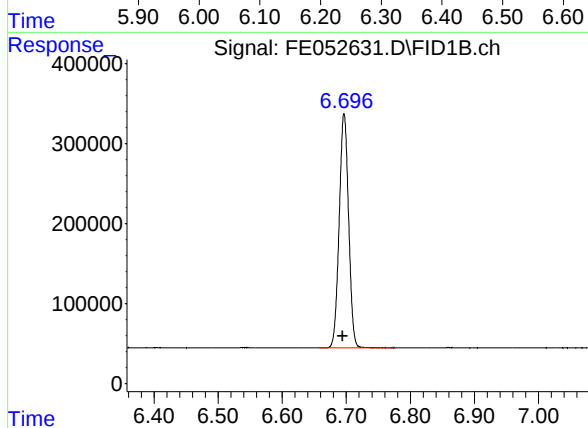
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 3019932
Conc: 19.22 ug/ml



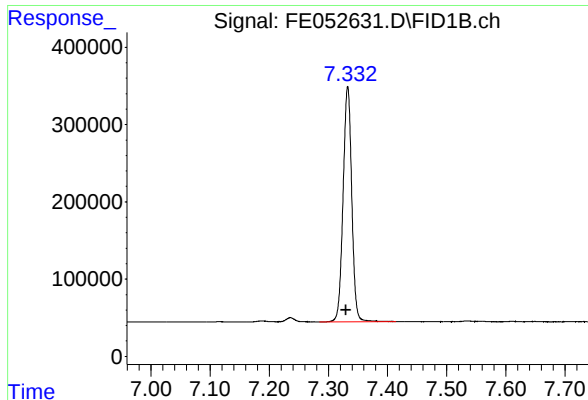
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 3250805
Conc: 19.17 ug/ml



#4 n-Dodecane (C12)

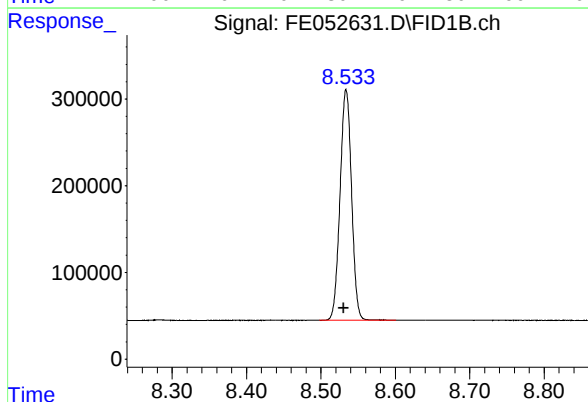
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 2970678
Conc: 19.08 ug/ml



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

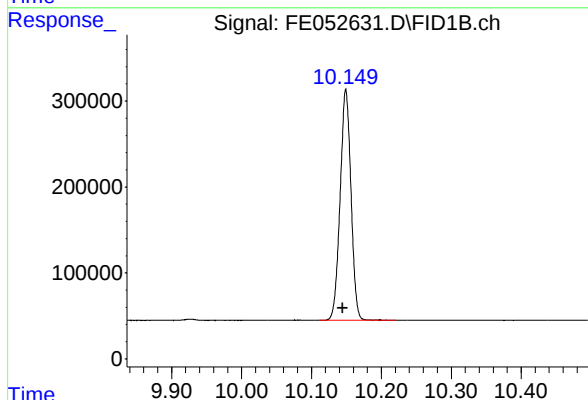
R.T.: 7.333 min
Delta R.T.: 0.003 min
Response: 3095485
Conc: 19.10 ug/ml

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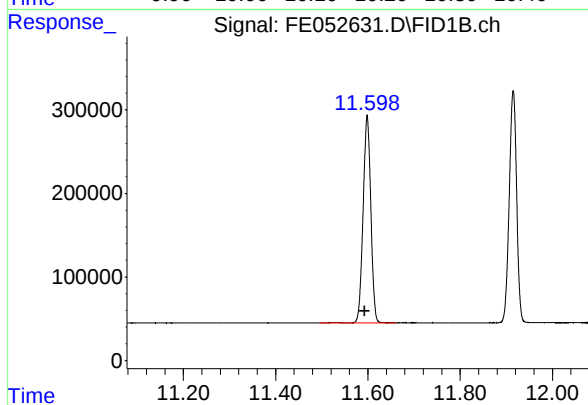
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 2863879
Conc: 18.93 ug/ml



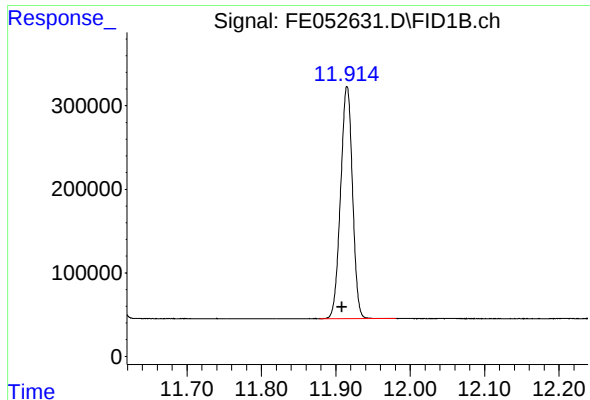
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.005 min
Response: 2890631
Conc: 18.91 ug/ml



#8 n-Octadecane (C18)

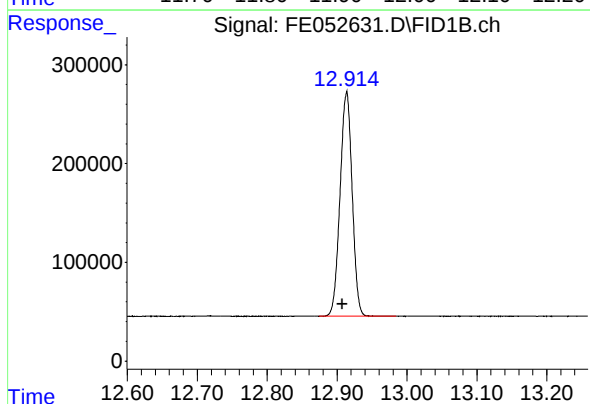
R.T.: 11.599 min
Delta R.T.: 0.005 min
Response: 2870088
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

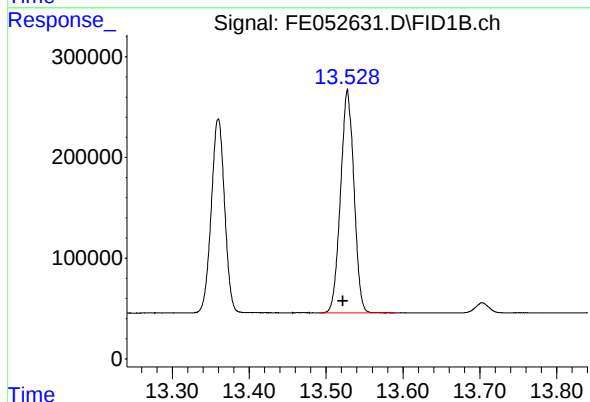
R.T.: 11.915 min
Delta R.T.: 0.006 min
Response: 3091654
Conc: 18.34 ug/ml

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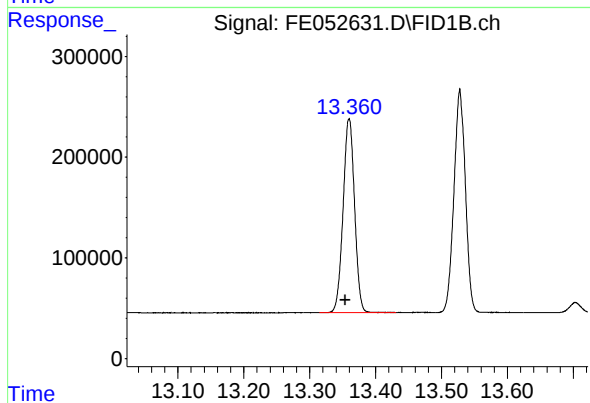
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 2731923
Conc: 18.82 ug/ml



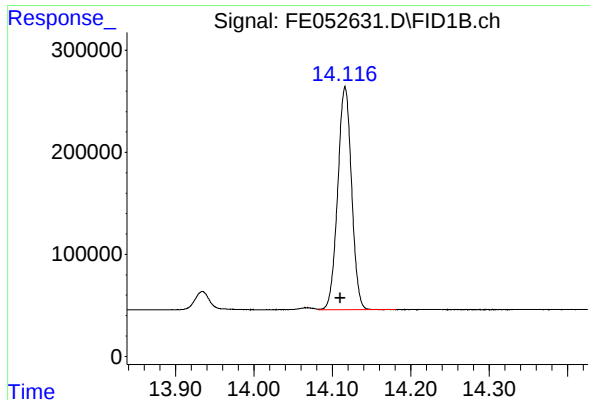
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.006 min
Response: 2677082
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

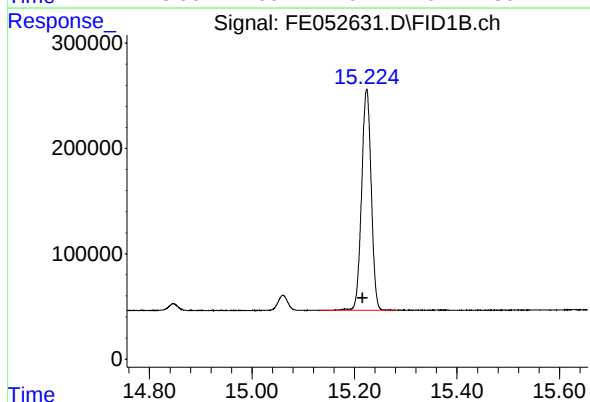
R.T.: 13.360 min
Delta R.T.: 0.006 min
Response: 2326236
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

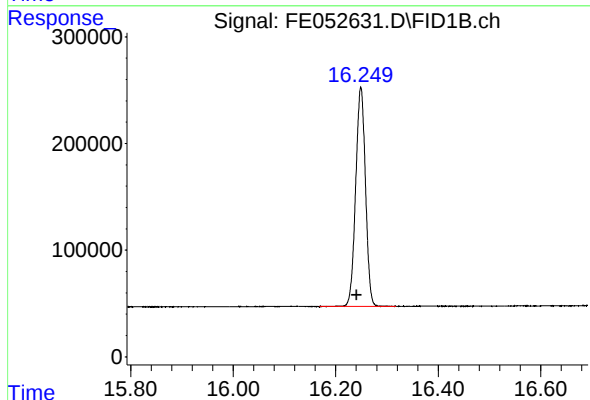
R.T.: 14.116 min
Delta R.T.: 0.006 min
Response: 2680954
Conc: 18.84 ug/ml

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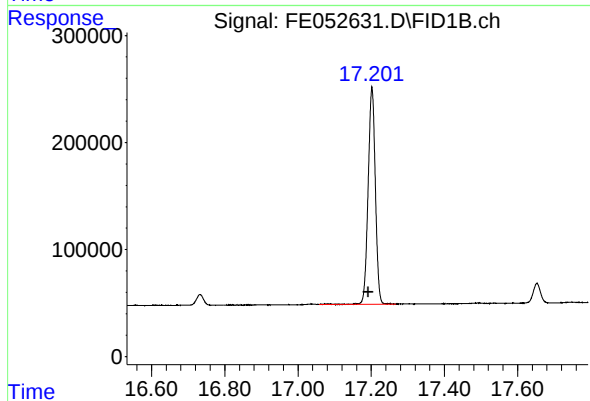
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.008 min
Response: 2733770
Conc: 19.10 ug/ml



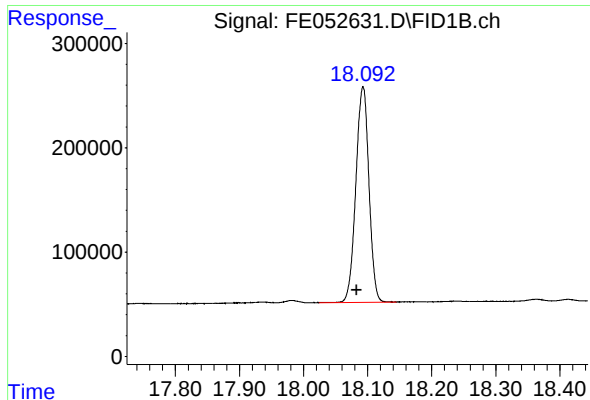
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.008 min
Response: 2725219
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

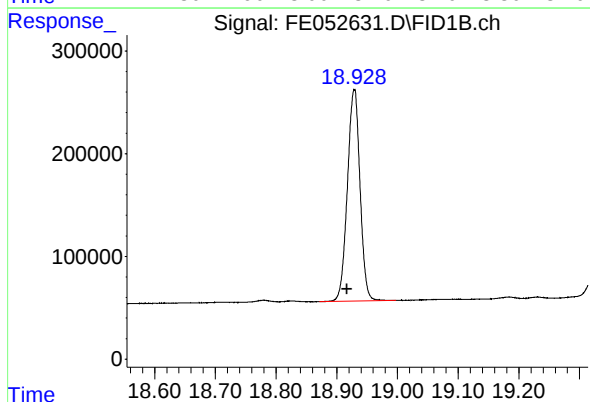
R.T.: 17.202 min
Delta R.T.: 0.010 min
Response: 2766076
Conc: 19.45 ug/ml



#17 n-Tricontane (C30)

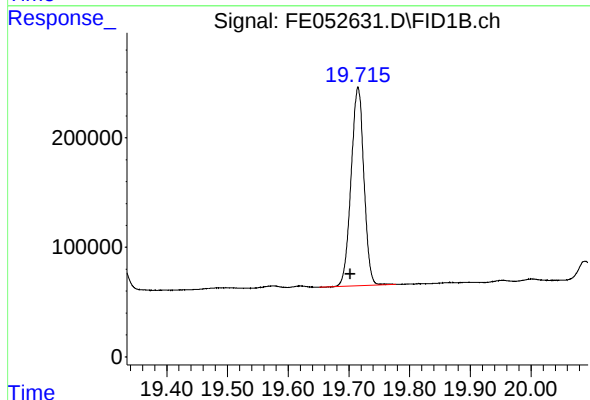
R.T.: 18.093 min
Delta R.T.: 0.010 min
Response: 2935169
Conc: 19.87 ug/ml

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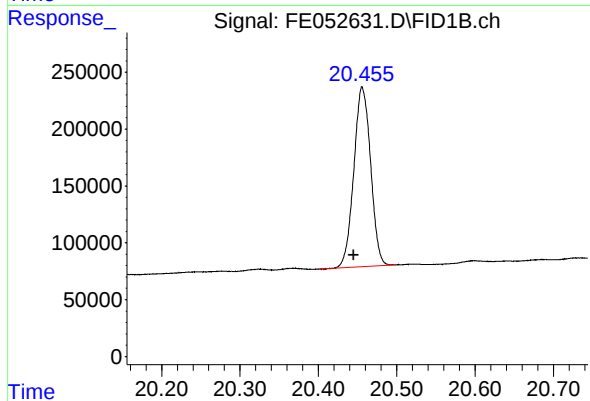
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: 0.012 min
Response: 2981604
Conc: 20.54 ug/ml



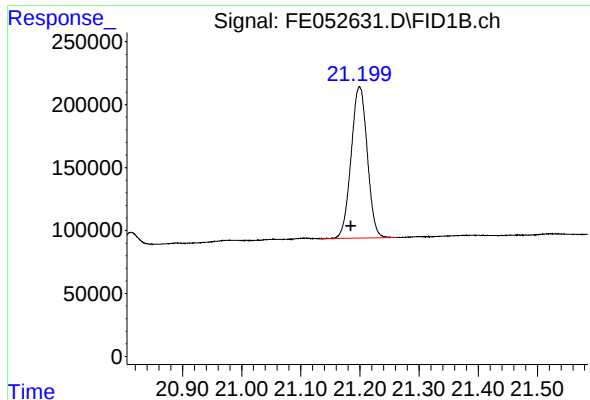
#19 n-Tetatriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.012 min
Response: 2660754
Conc: 19.74 ug/ml



#20 n-Hexatriacontane (C36)

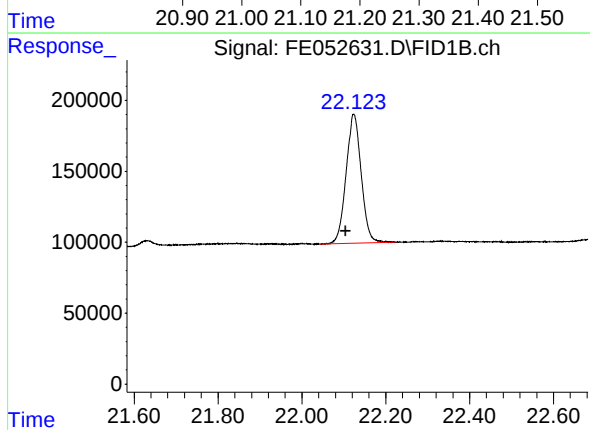
R.T.: 20.456 min
Delta R.T.: 0.011 min
Response: 2351734
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.014 min
Response: 2279393
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.020 min
Response: 2274939
Conc: 21.04 ug/ml