

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042138.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 10:00
 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: May 24 02:34:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.958	3727090	21.107 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
12) S 1-chlorooctadecane (S...	13.393	2776066	20.892 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
Target Compounds			
1) T n-Nonane (C9)	3.341	2954553	20.490 ug/ml
2) T n-Decane (C10)	4.592	3020937	20.407 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3345188	20.502 ug/ml
4) T n-Dodecane (C12)	6.759	3079794	20.538 ug/ml
5) T A~2-methylnaphthalene...	7.394	3250527	20.482 ug/ml
6) T n-Tetradecane (C14)	8.588	3086165	20.601 ug/ml
7) T n-Hexadecane (C16)	10.195	3235037	20.768 ug/ml
8) T n-Octadecane (C18)	11.638	3304259	20.895 ug/ml
10) T n-Eicosane (C20)	12.948	3187971	21.031 ug/ml
11) T n-Heneicosane (C21)	13.560	3124752	21.091 ug/ml
13) T n-Docosane (C22)	14.146	3096884	21.125 ug/ml
14) T n-Tetracosane (C24)	15.249	3039485	21.055 ug/ml
15) T n-Hexacosane (C26)	16.269	2927566	21.138 ug/ml
16) T n-Octacosane (C28)	17.219	2814780	21.024 ug/ml
17) T n-Tricontane (C30)	18.107	2842381	21.056 ug/ml
18) T n-Dotriacontane (C32)	18.938	2758297	20.647 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2599067	19.763 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2439682	18.771 ug/ml
21) T n-Octatriacontane (C38)	21.207	2438689	17.975 ug/ml
22) T n-Tetracontane (C40)	22.141	2365782	17.005 ug/ml

(f)=RT Delta > 1/2 Window

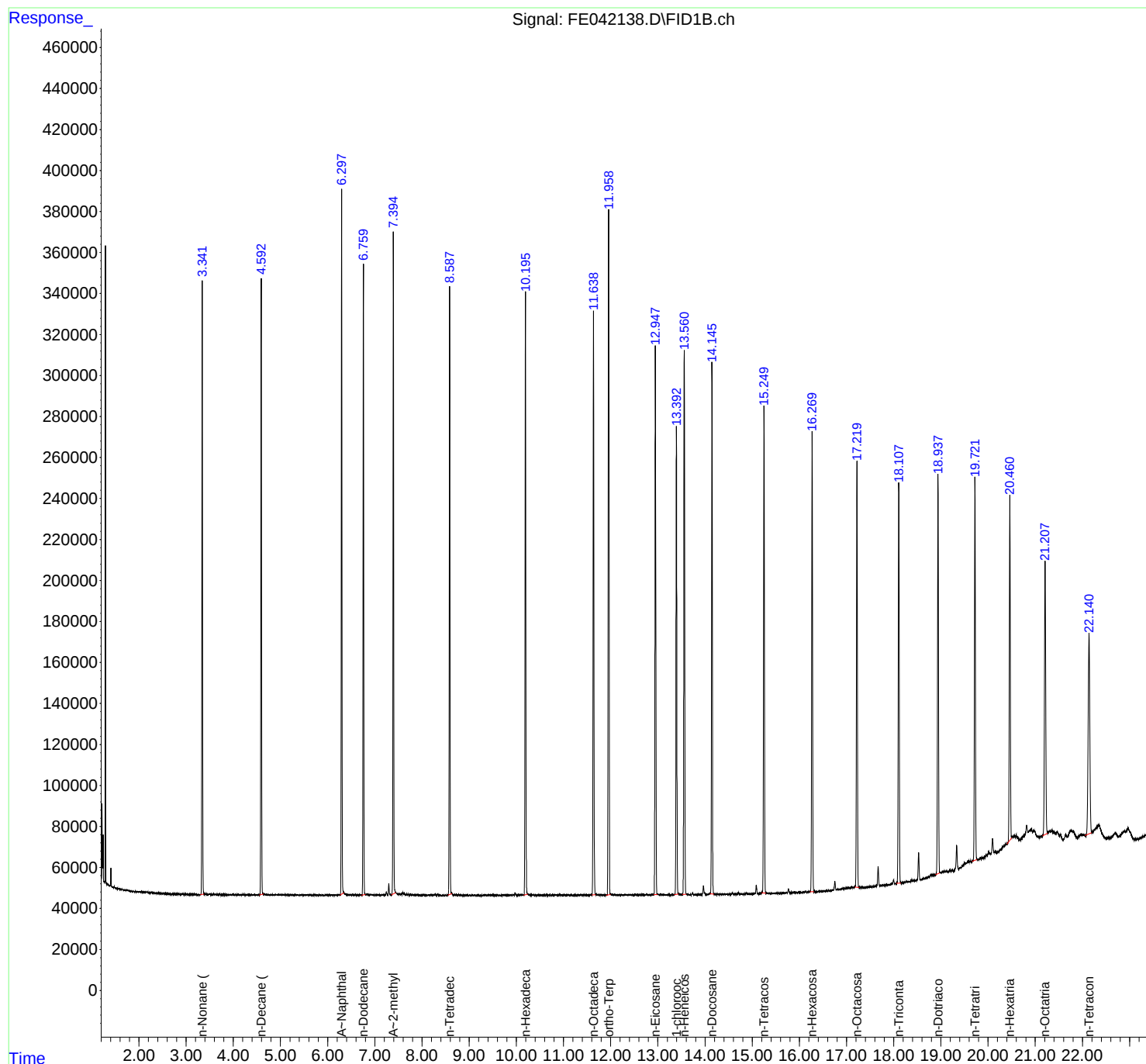
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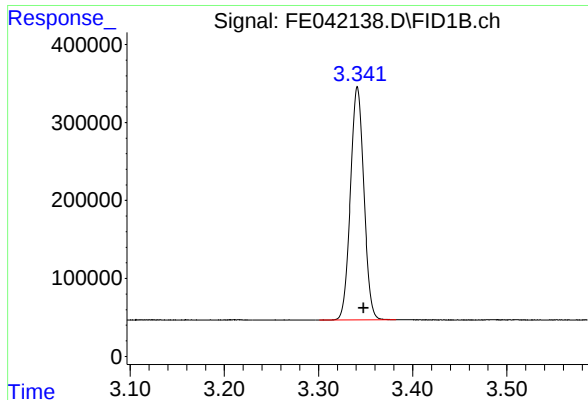
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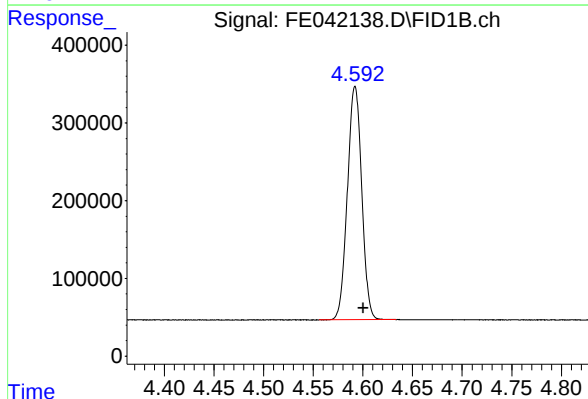




#1 n-Nonane (C9)

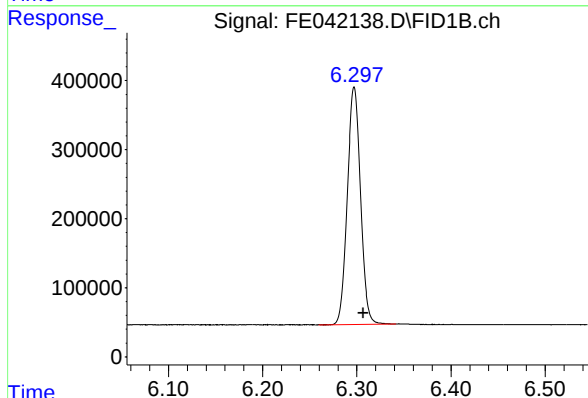
R.T.: 3.341 min
Delta R.T.: -0.007 min
Response: 2954553
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



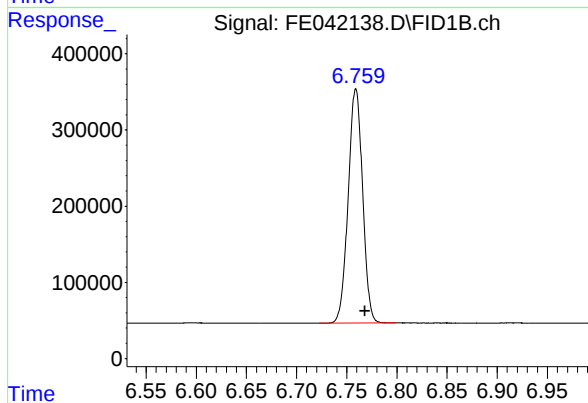
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.008 min
Response: 3020937
Conc: 20.41 ug/ml



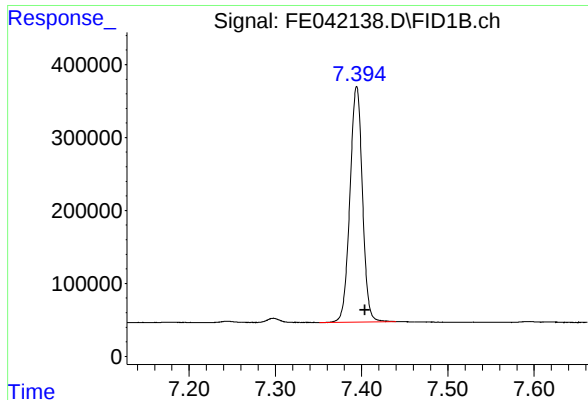
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.009 min
Response: 3345188
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

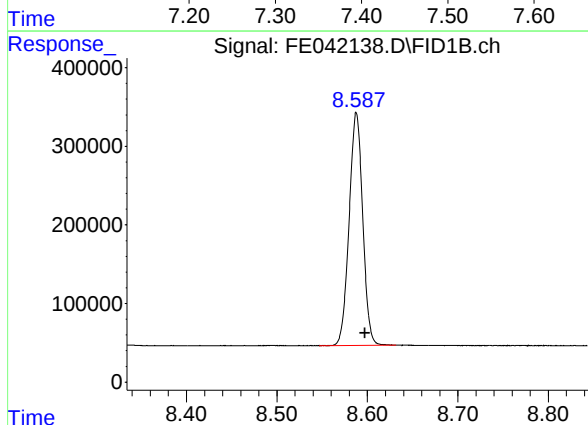
R.T.: 6.759 min
Delta R.T.: -0.009 min
Response: 3079794
Conc: 20.54 ug/ml



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

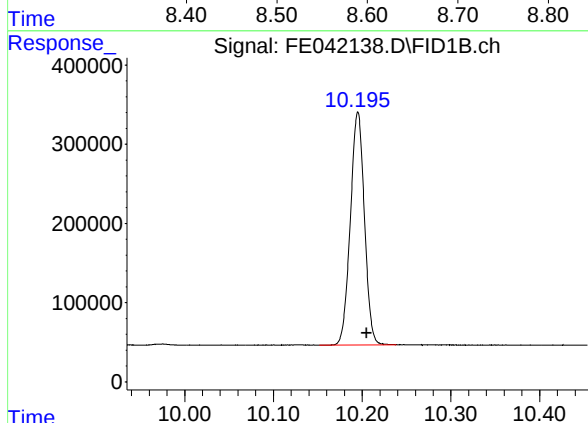
R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 3250527
Conc: 20.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



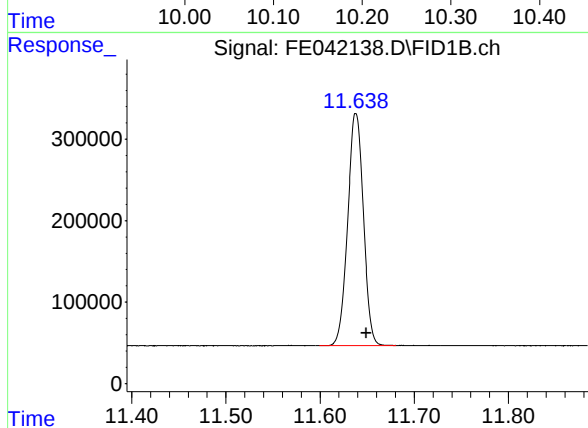
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.009 min
Response: 3086165
Conc: 20.60 ug/ml



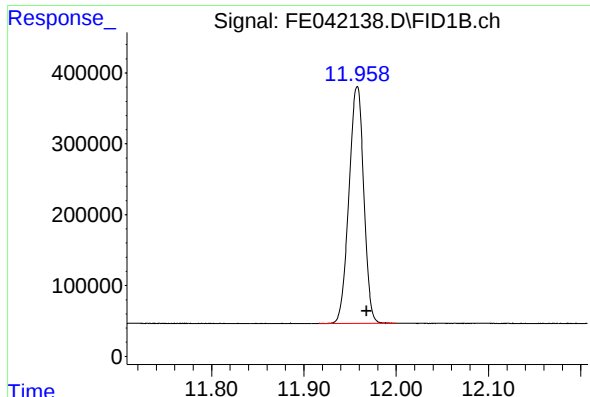
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.010 min
Response: 3235037
Conc: 20.77 ug/ml



#8 n-Octadecane (C18)

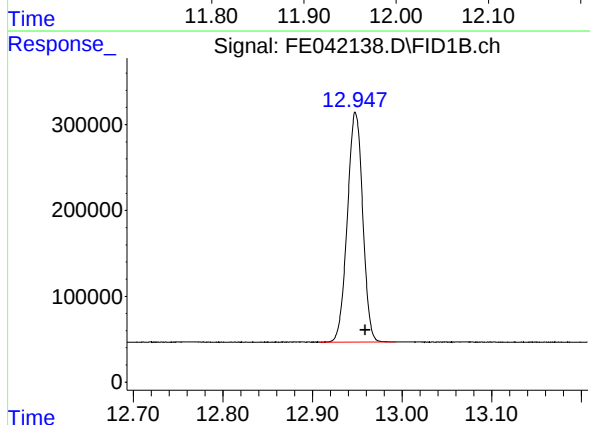
R.T.: 11.638 min
Delta R.T.: -0.011 min
Response: 3304259
Conc: 20.90 ug/ml



#9 ortho-Terphenyl (SURR)

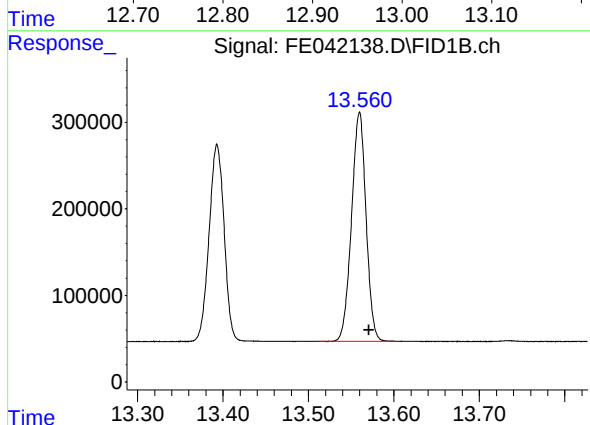
R.T.: 11.958 min
Delta R.T.: -0.010 min
Response: 3727090
Conc: 21.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



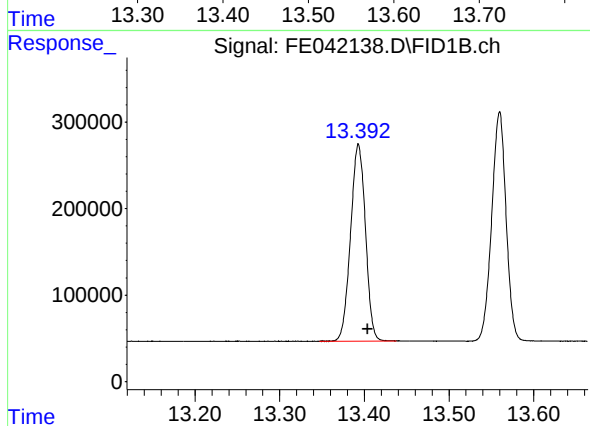
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.011 min
Response: 3187971
Conc: 21.03 ug/ml



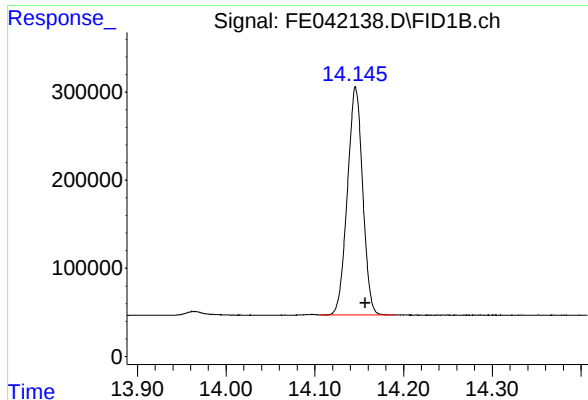
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 3124752
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

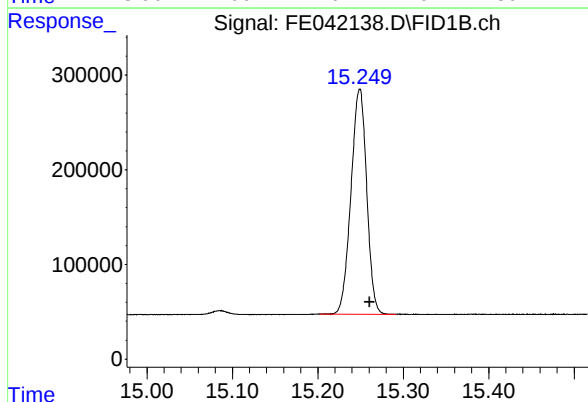
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 2776066
Conc: 20.89 ug/ml



#13 n-Docosane (C22)

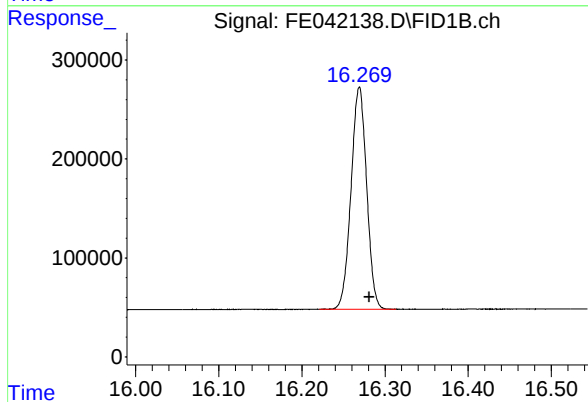
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 3096884
Conc: 21.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



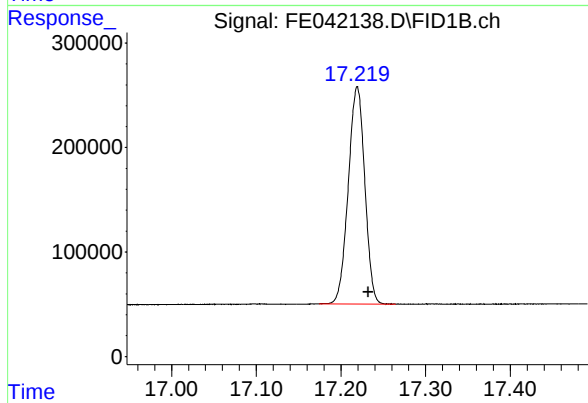
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.012 min
Response: 3039485
Conc: 21.06 ug/ml



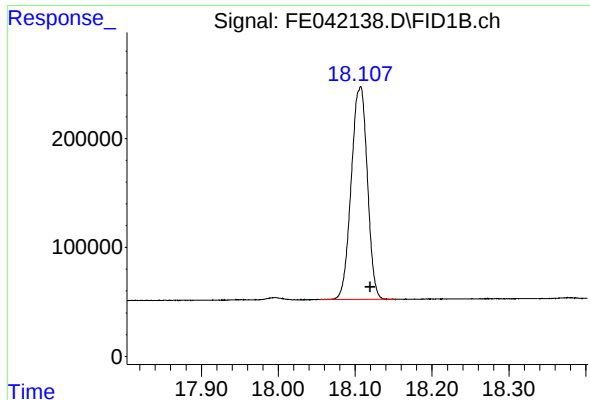
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.012 min
Response: 2927566
Conc: 21.14 ug/ml



#16 n-Octacosane (C28)

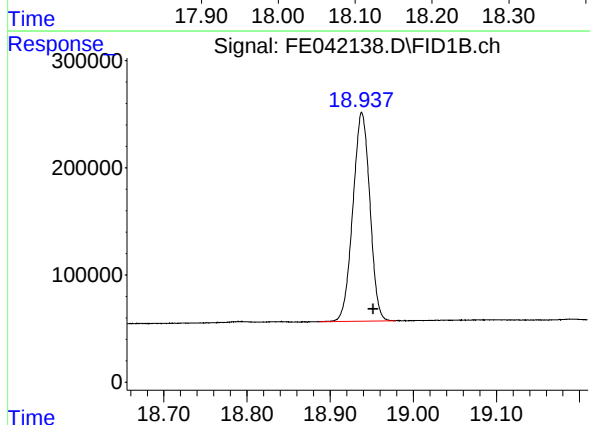
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 2814780
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

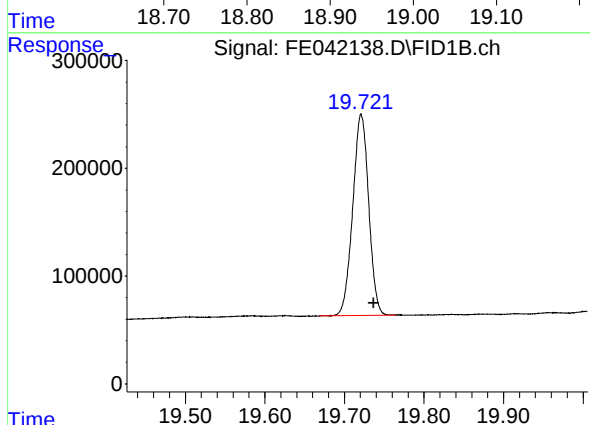
R.T.: 18.107 min
Delta R.T.: -0.013 min
Response: 2842381
Conc: 21.06 ug/ml

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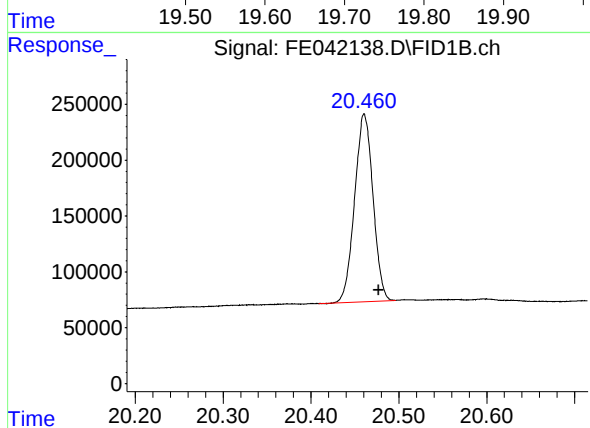
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 2758297
Conc: 20.65 ug/ml



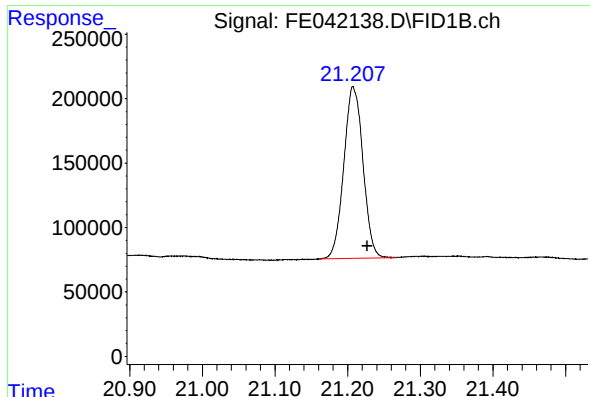
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.015 min
Response: 2599067
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

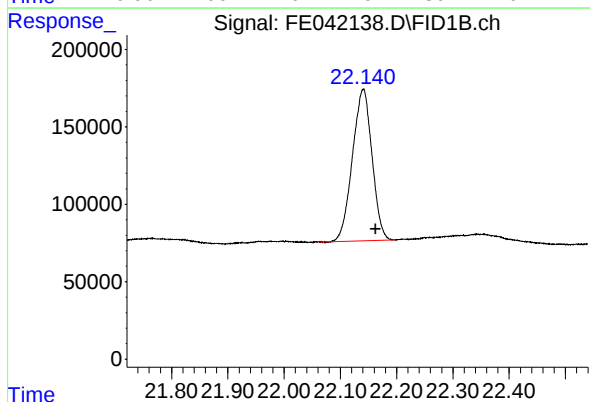
R.T.: 20.460 min
Delta R.T.: -0.016 min
Response: 2439682
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2438689
Conc: 17.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.022 min
Response: 2365782
Conc: 17.01 ug/ml