

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041924AL\
 Data File : FE047697.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2024 12:07
 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: Apr 19 23:34:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 2024
 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)	11.974	3471181	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	13.409	2681177	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T n-Nonane (C9)	3.351	3052799	19.513 ug/ml
2) T n-Decane (C10)	4.604	3134036	19.500 ug/ml
3) T A~Naphthalene (C11.7)	6.313	3328511	19.631 ug/ml
4) T n-Dodecane (C12)	6.772	3160328	19.471 ug/ml
5) T A~2-methylnaphthalene...	7.409	3220831	19.613 ug/ml
6) T n-Tetradecane (C14)	8.601	3150281	19.582 ug/ml
7) T n-Hexadecane (C16)	10.209	3293281	19.830 ug/ml
8) T n-Octadecane (C18)	11.653	3354325	20.002 ug/ml
10) T n-Eicosane (C20)	12.963	3251488	20.070 ug/ml
11) T n-Heneicosane (C21)	13.575	3194068	20.130 ug/ml
13) T n-Docosane (C22)	14.161	3212122	20.016 ug/ml
14) T n-Tetracosane (C24)	15.264	3274126	19.835 ug/ml
15) T n-Hexacosane (C26)	16.284	3300049	19.964 ug/ml
16) T n-Octacosane (C28)	17.233	3351230	20.223 ug/ml
17) T n-Tricontane (C30)	18.120	3529123	20.787 ug/ml
18) T n-Dotriacontane (C32)	18.952	3561463	21.358 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3400697	21.203 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3330332	20.880 ug/ml
21) T n-Octatriacontane (C38)	21.217	3296588	20.284 ug/ml
22) T n-Tetracontane (C40)	22.145	3287666	20.080 ug/ml

(f)=RT Delta > 1/2 Window

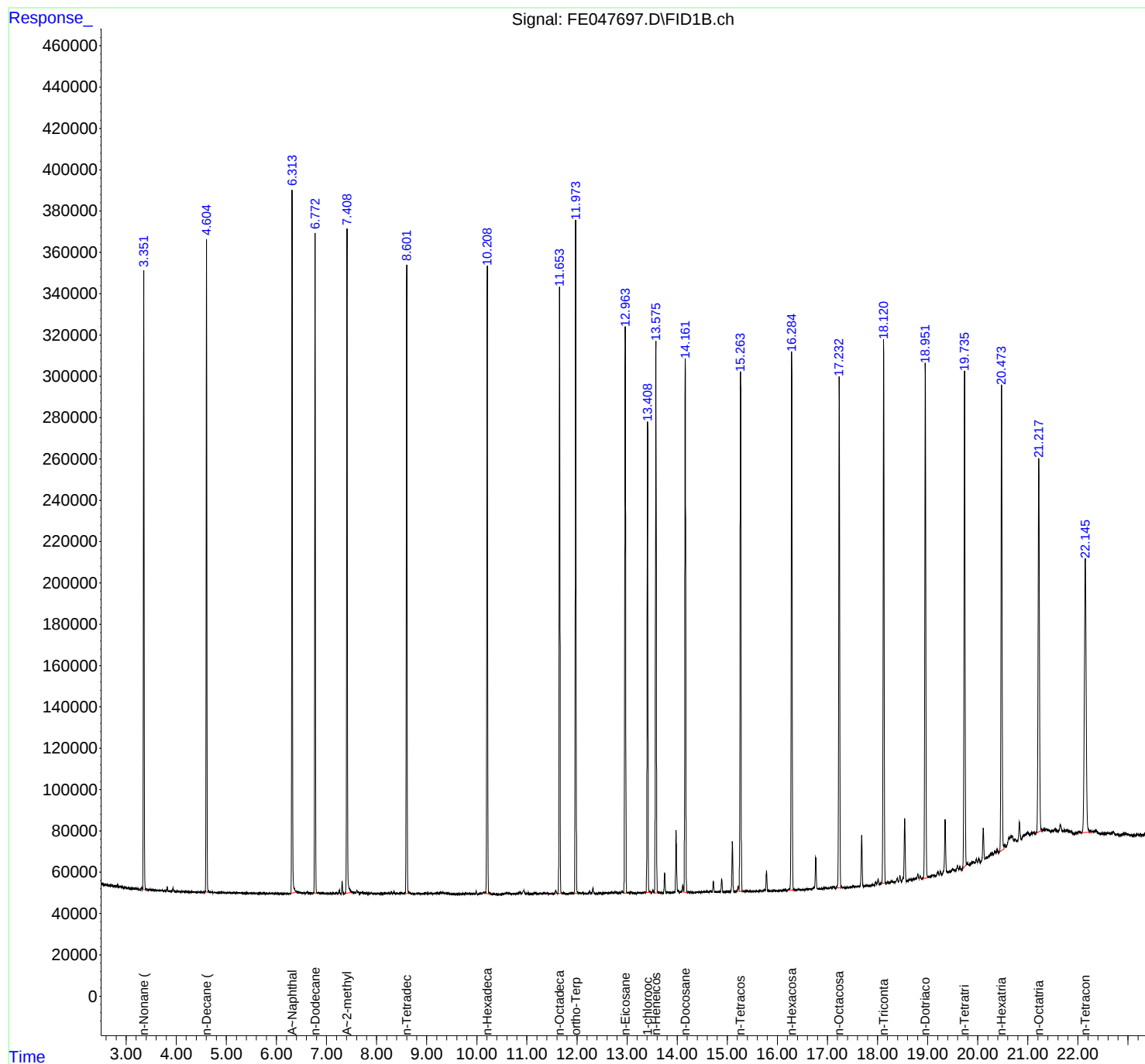
(m)=manual int.

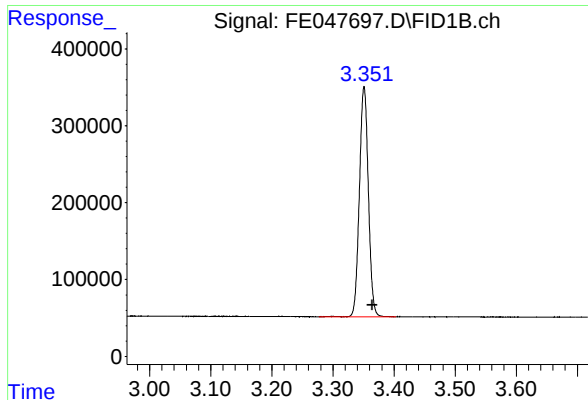
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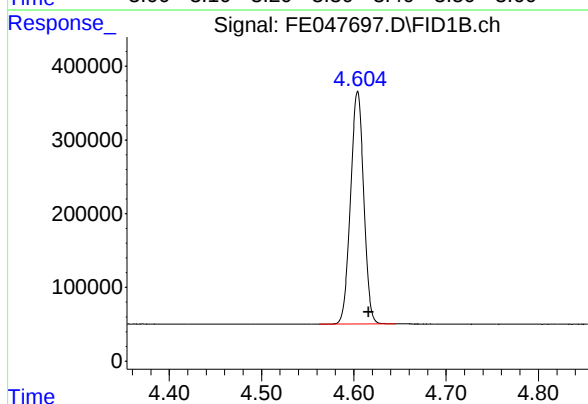




#1 n-Nonane (C9)

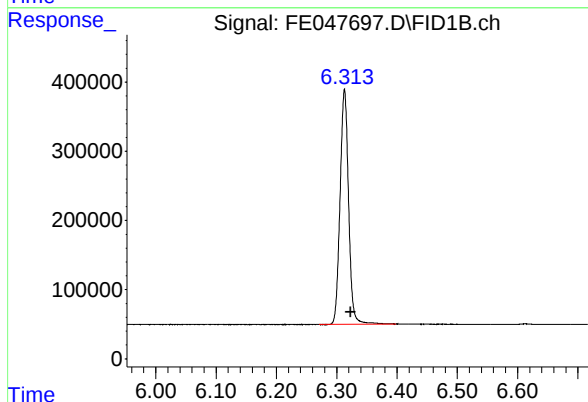
R.T.: 3.351 min
Delta R.T.: -0.013 min
Response: 3052799
Conc: 19.51 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



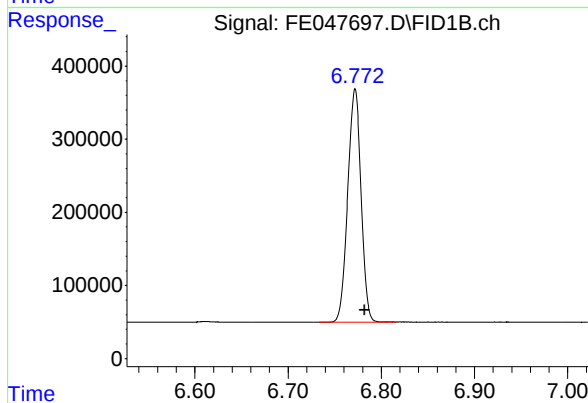
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.012 min
Response: 3134036
Conc: 19.50 ug/ml



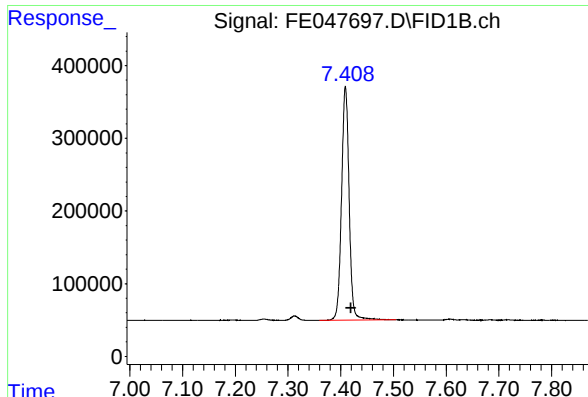
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: -0.010 min
Response: 3328511
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

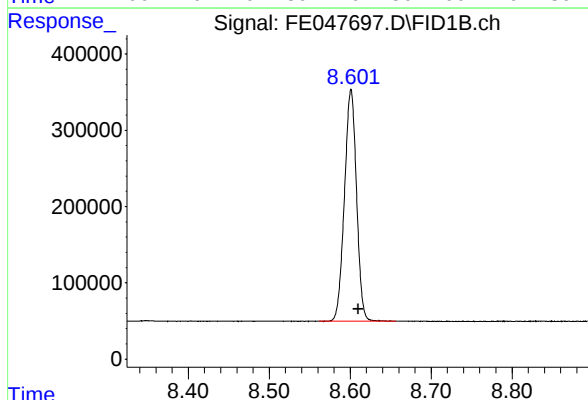
R.T.: 6.772 min
Delta R.T.: -0.010 min
Response: 3160328
Conc: 19.47 ug/ml



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

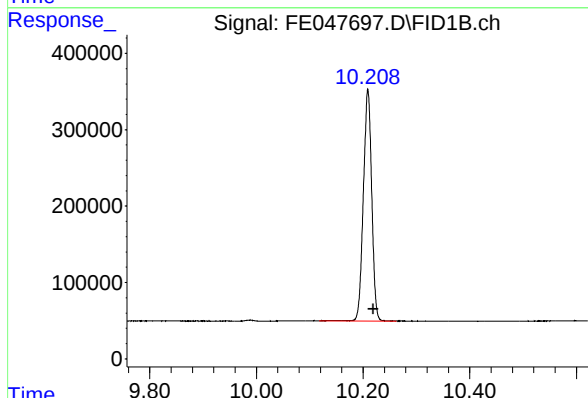
R.T.: 7.409 min
Delta R.T.: -0.011 min
Response: 3220831
Conc: 19.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



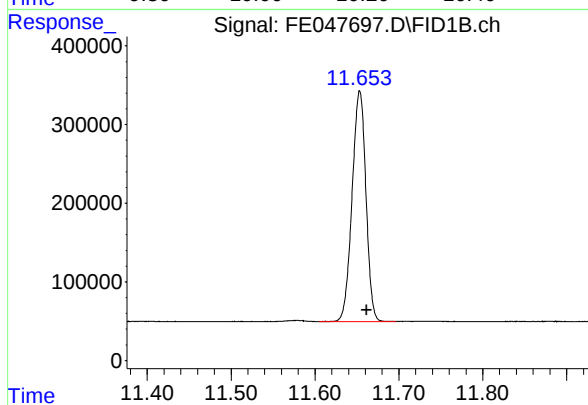
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.009 min
Response: 3150281
Conc: 19.58 ug/ml



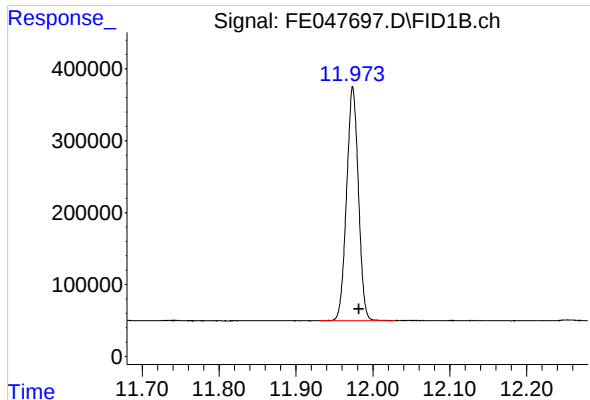
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: -0.010 min
Response: 3293281
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

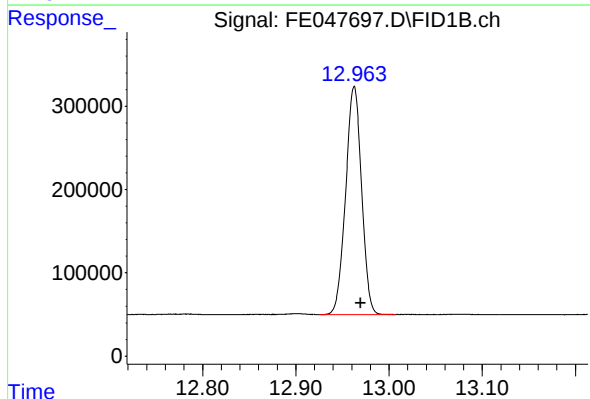
R.T.: 11.653 min
Delta R.T.: -0.008 min
Response: 3354325
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

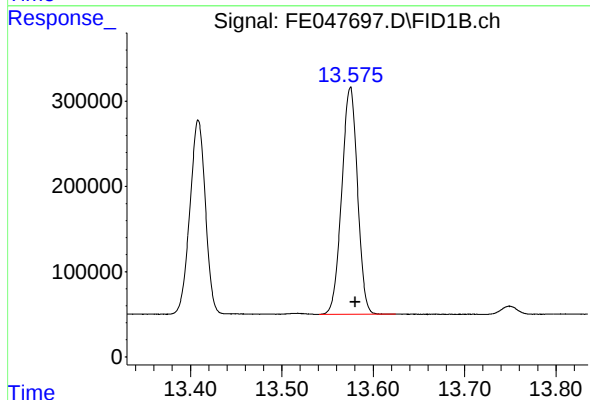
R.T.: 11.974 min
Delta R.T.: -0.008 min
Response: 3471181
Conc: 20.01 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



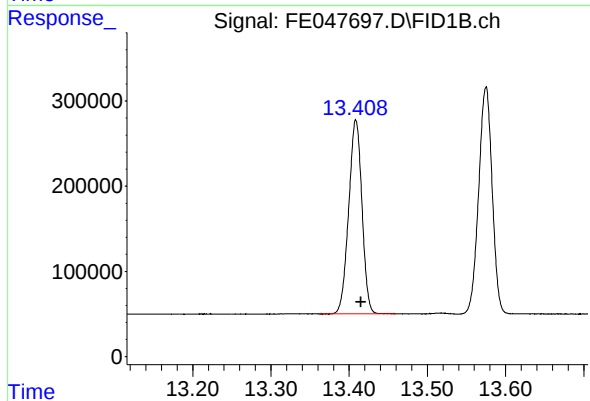
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.007 min
Response: 3251488
Conc: 20.07 ug/ml



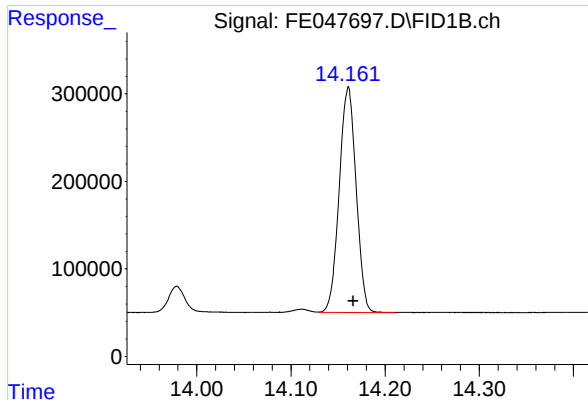
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: -0.005 min
Response: 3194068
Conc: 20.13 ug/ml



#12 1-chlorooctadecane (SURR)

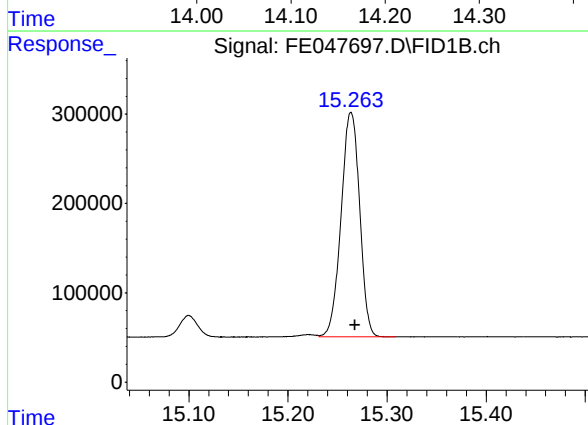
R.T.: 13.409 min
Delta R.T.: -0.007 min
Response: 2681177
Conc: 19.93 ug/ml



#13 n-Docosane (C22)

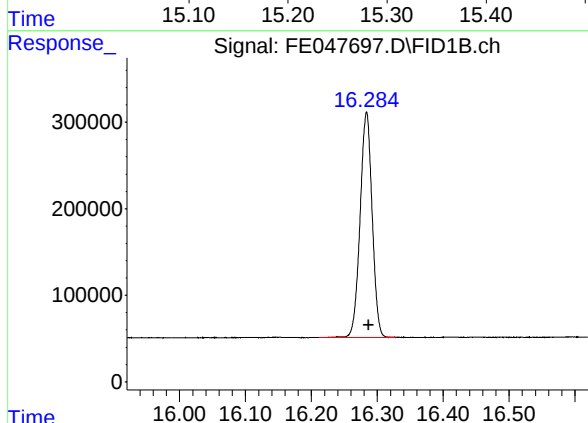
R.T.: 14.161 min
Delta R.T.: -0.005 min
Response: 3212122
Conc: 20.02 ug/ml

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20 PPM ALIPHATIC HC STD



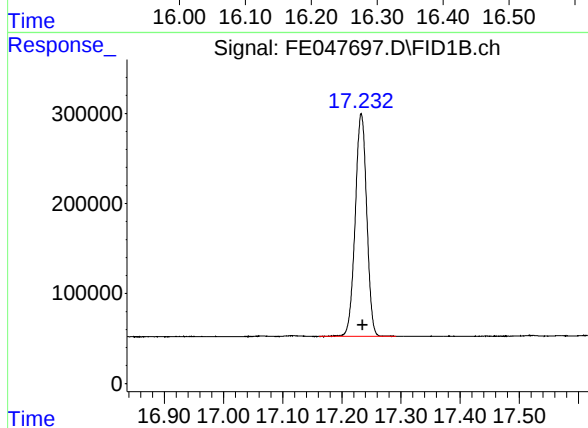
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: -0.004 min
Response: 3274126
Conc: 19.84 ug/ml



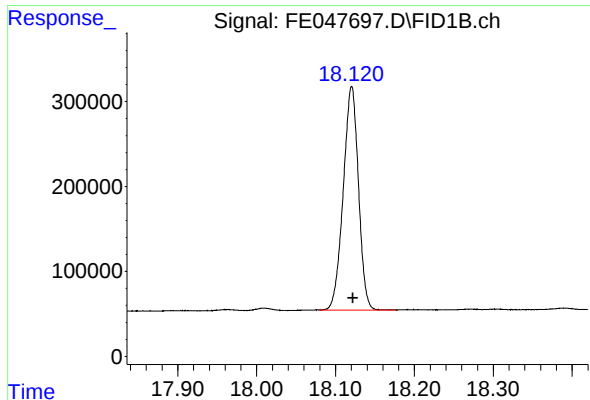
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.003 min
Response: 3300049
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

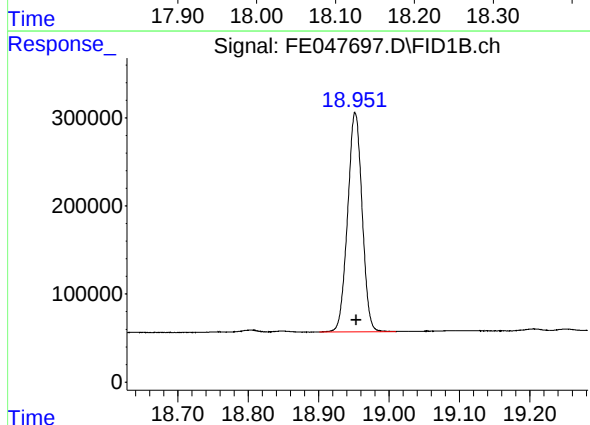
R.T.: 17.233 min
Delta R.T.: -0.002 min
Response: 3351230
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

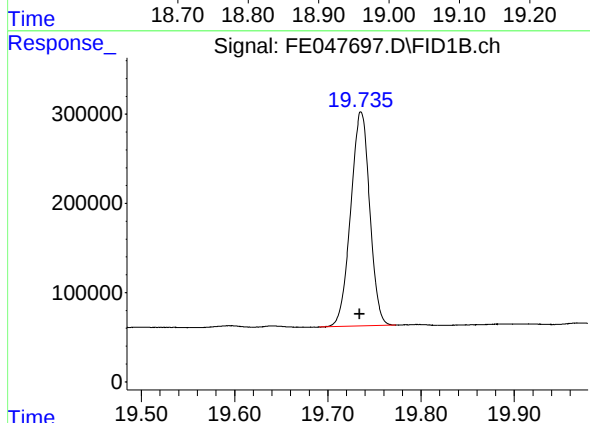
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 3529123
Conc: 20.79 ug/ml

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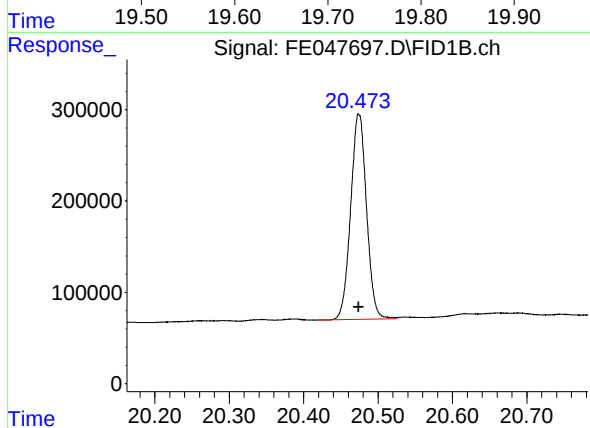
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.002 min
Response: 3561463
Conc: 21.36 ug/ml



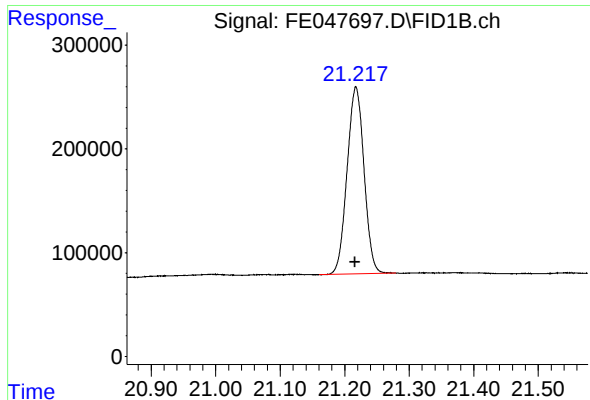
#19 n-Tetatriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.001 min
Response: 3400697
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

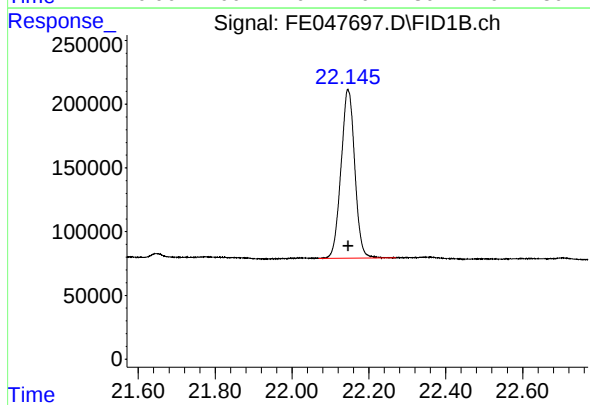
R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 3330332
Conc: 20.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.002 min
Response: 3296588
Conc: 20.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.000 min
Response: 3287666
Conc: 20.08 ug/ml