

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101524AL\
 Data File : FE050667.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 11:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 16 02:47:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.856	3432845	21.774 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
12) S 1-chlorooctadecane (S...	13.289	2556136	21.608 ug/ml
Spiked Amount 50.000		Recovery =	43.22%
Target Compounds			
1) T n-Nonane (C9)	3.247	3075899	21.770 ug/ml
2) T n-Decane (C10)	4.496	3130906	21.822 ug/ml
3) T A~Naphthalene (C11.7)	6.207	3134955	21.924 ug/ml
4) T n-Dodecane (C12)	6.663	3162653	21.973 ug/ml
5) T A~2-methylnaphthalene...	7.303	2929032	22.109 ug/ml
6) T n-Tetradecane (C14)	8.490	3130143	21.879 ug/ml
7) T n-Hexadecane (C16)	10.095	3206453	21.787 ug/ml
8) T n-Octadecane (C18)	11.536	3268239	21.880 ug/ml
10) T n-Eicosane (C20)	12.844	3098512	21.607 ug/ml
11) T n-Heneicosane (C21)	13.455	3034938	21.611 ug/ml
13) T n-Docosane (C22)	14.040	3007136	21.434 ug/ml
14) T n-Tetracosane (C24)	15.141	3006400	21.280 ug/ml
15) T n-Hexacosane (C26)	16.160	3002236	21.335 ug/ml
16) T n-Octacosane (C28)	17.108	3027054	20.686 ug/ml
17) T n-Tricontane (C30)	17.995	3188828	20.055 ug/ml
18) T n-Dotriacontane (C32)	18.827	3172948	19.572 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2909739	19.809 ug/ml
20) T n-Hexatriacontane (C36)	20.348	2564241	20.220 ug/ml
21) T n-Octatriacontane (C38)	21.072	2460445	19.899 ug/ml
22) T n-Tetracontane (C40)	21.955	2116854	19.011 ug/ml

(f)=RT Delta > 1/2 Window

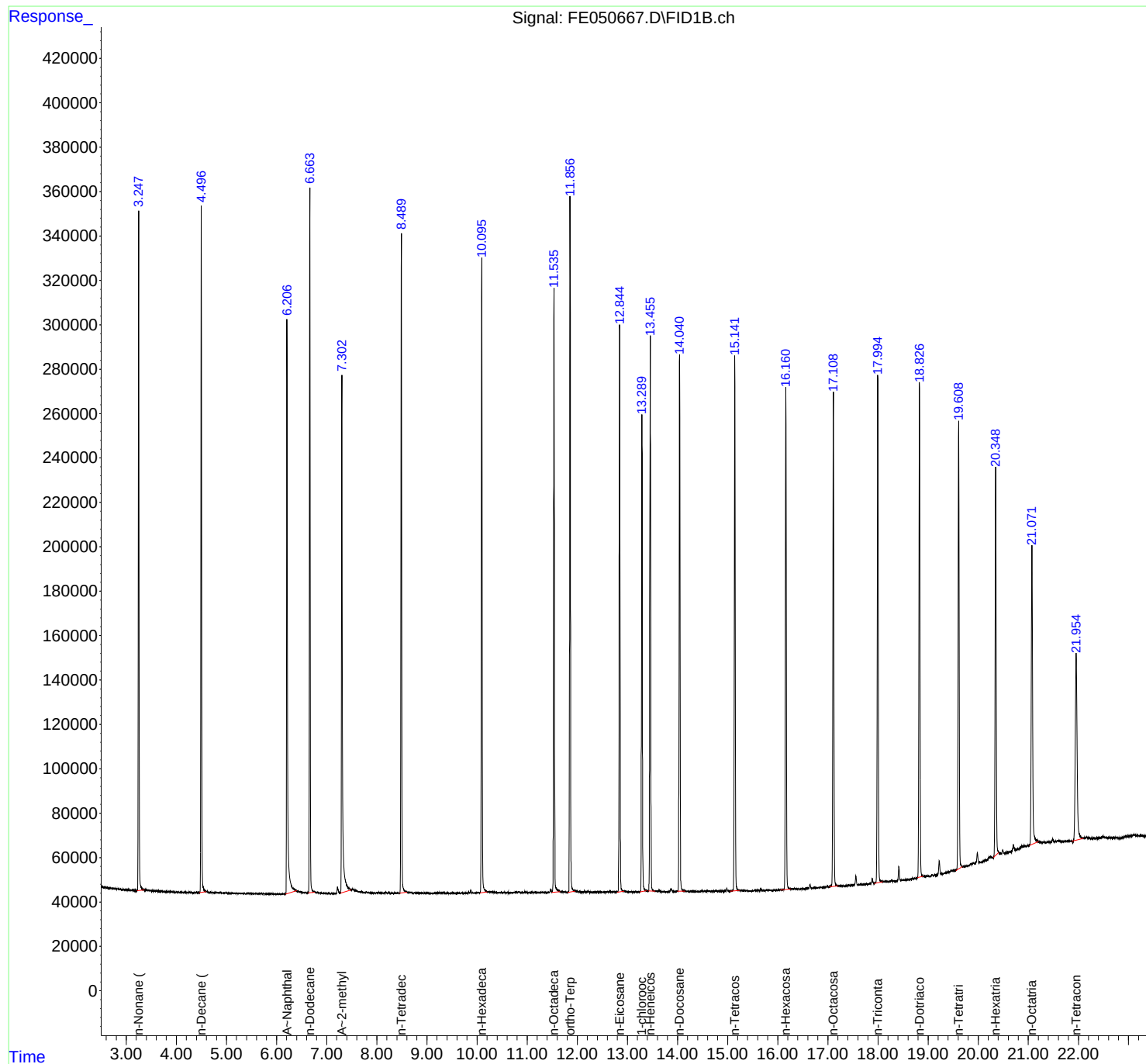
(m)=manual int.

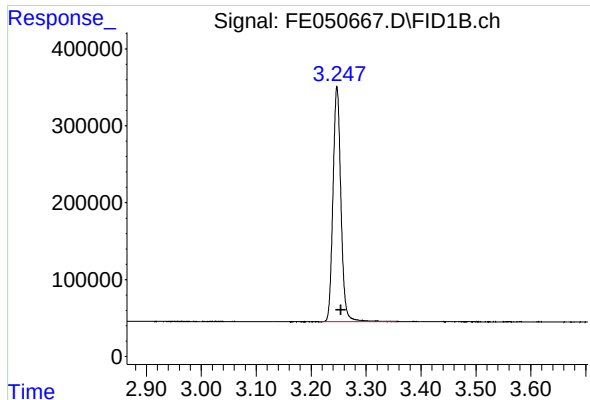
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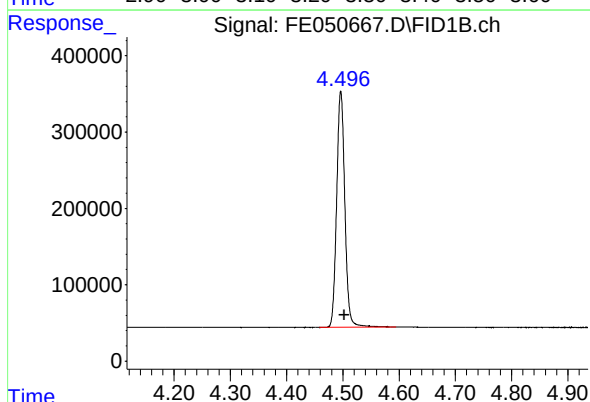




#1 n-Nonane (C9)

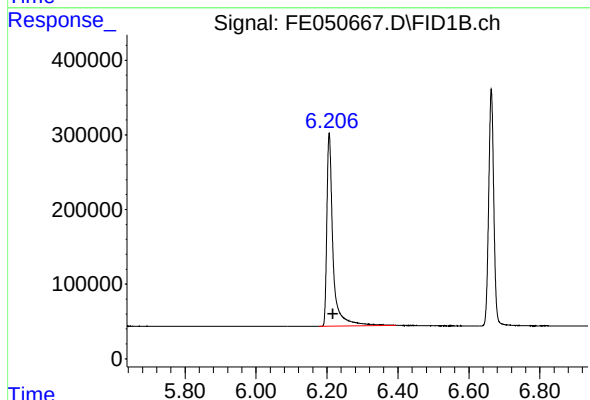
R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 3075899
Conc: 21.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



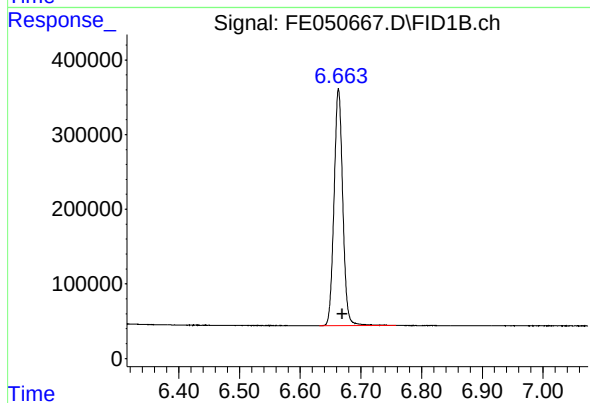
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: -0.006 min
Response: 3130906
Conc: 21.82 ug/ml



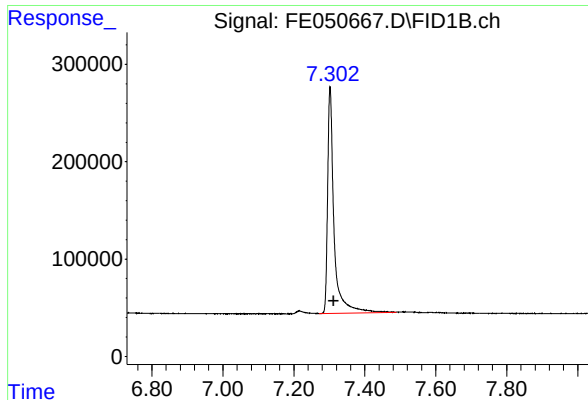
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.010 min
Response: 3134955
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

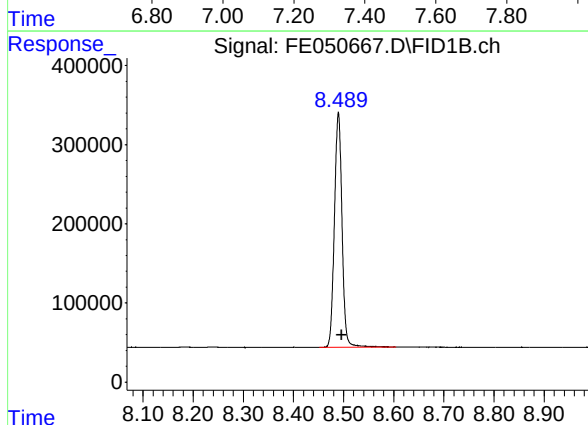
R.T.: 6.663 min
Delta R.T.: -0.007 min
Response: 3162653
Conc: 21.97 ug/ml



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

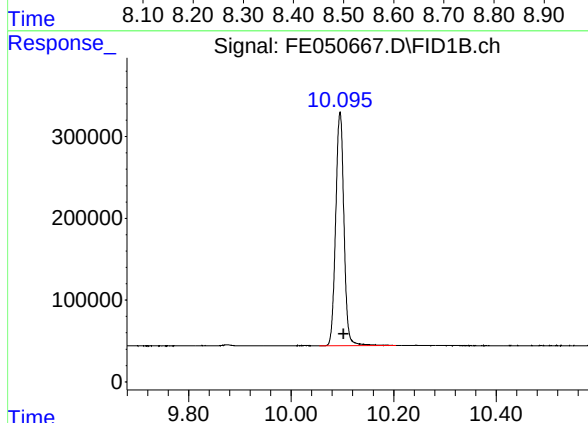
R.T.: 7.303 min
Delta R.T.: -0.010 min
Response: 2929032
Conc: 22.11 ug/ml

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20 PPM ALIPHATIC HC STD



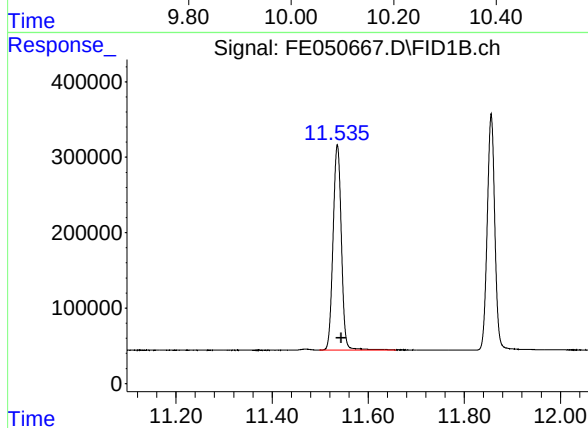
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.007 min
Response: 3130143
Conc: 21.88 ug/ml



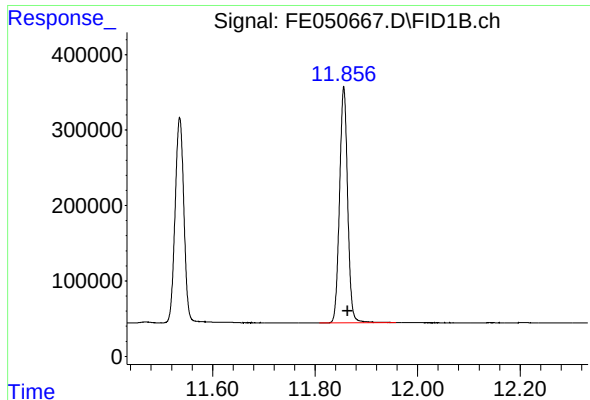
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.007 min
Response: 3206453
Conc: 21.79 ug/ml



#8 n-Octadecane (C18)

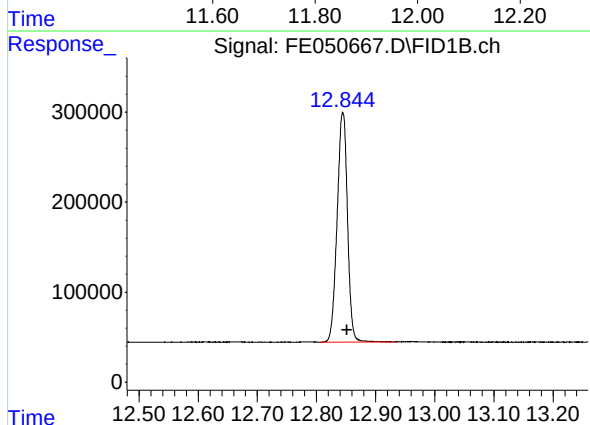
R.T.: 11.536 min
Delta R.T.: -0.008 min
Response: 3268239
Conc: 21.88 ug/ml



#9 ortho-Terphenyl (SURR)

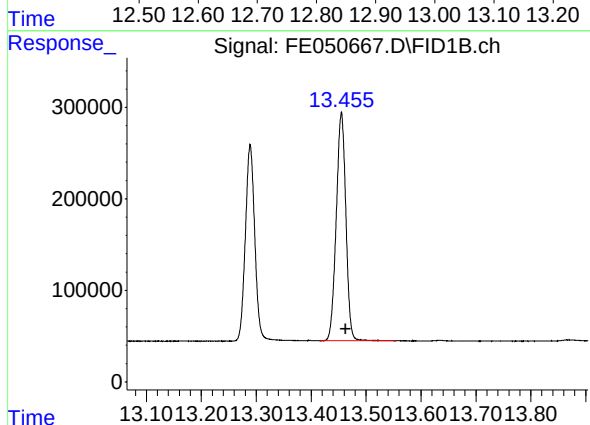
R.T.: 11.856 min
Delta R.T.: -0.007 min
Response: 3432845
Conc: 21.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



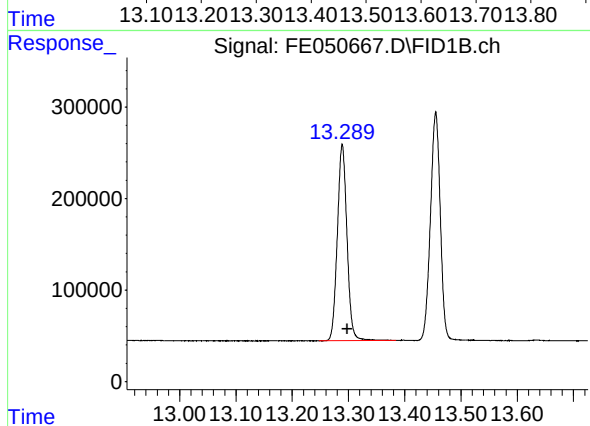
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.007 min
Response: 3098512
Conc: 21.61 ug/ml



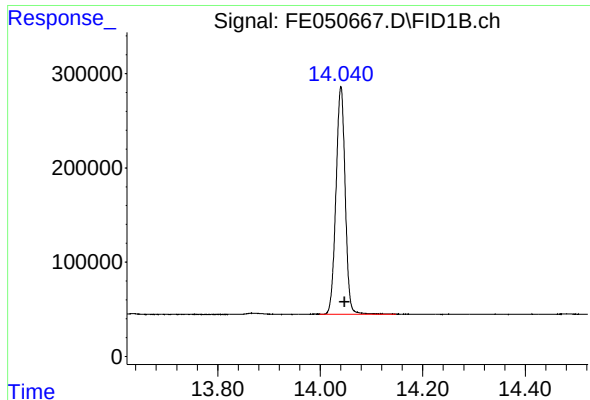
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.008 min
Response: 3034938
Conc: 21.61 ug/ml



#12 1-chlorooctadecane (SURR)

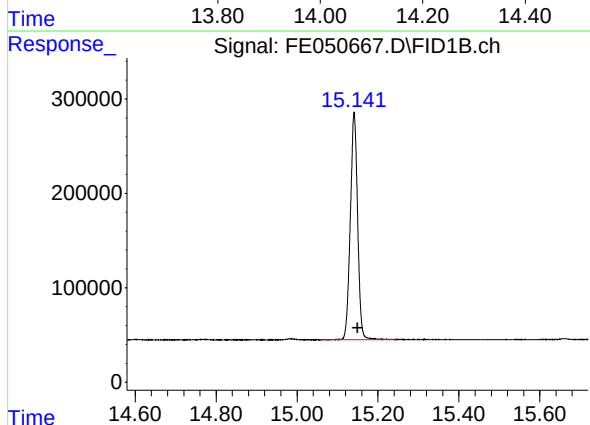
R.T.: 13.289 min
Delta R.T.: -0.009 min
Response: 2556136
Conc: 21.61 ug/ml



#13 n-Docosane (C22)

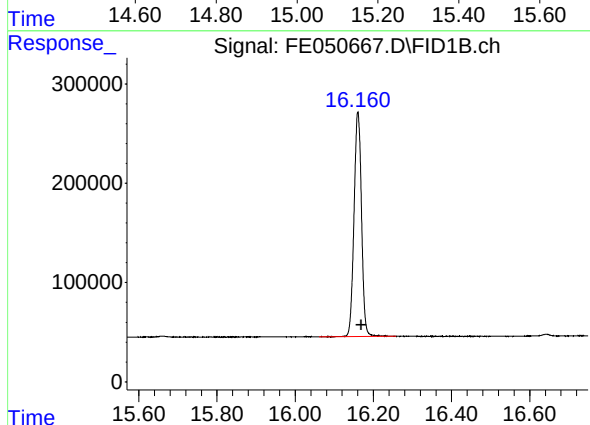
R.T.: 14.040 min
Delta R.T.: -0.008 min
Response: 3007136
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



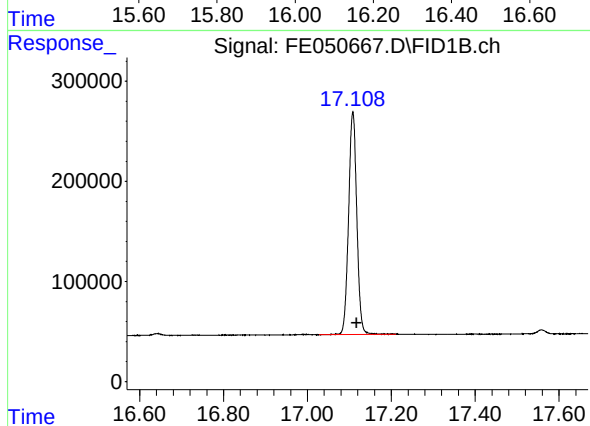
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.009 min
Response: 3006400
Conc: 21.28 ug/ml



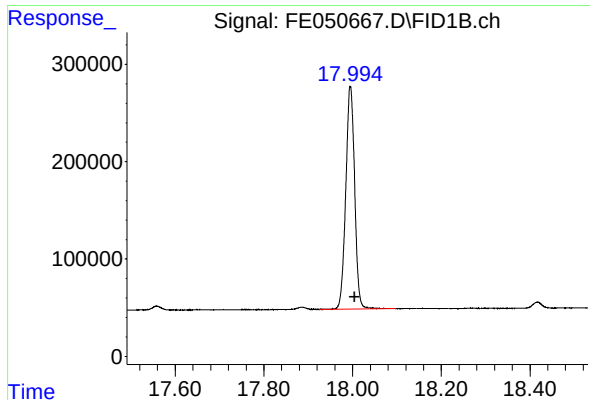
#15 n-Hexacosane (C26)

R.T.: 16.160 min
Delta R.T.: -0.009 min
Response: 3002236
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

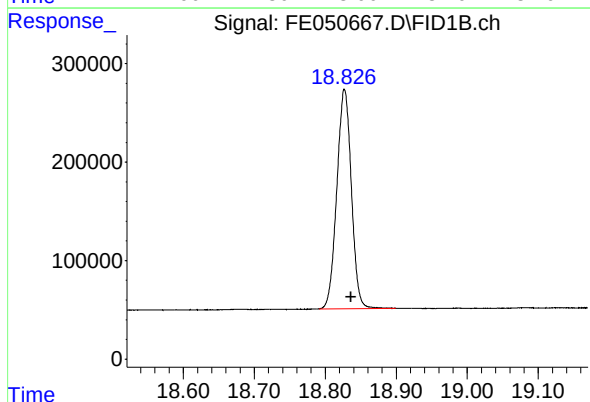
R.T.: 17.108 min
Delta R.T.: -0.009 min
Response: 3027054
Conc: 20.69 ug/ml



#17 n-Tricontane (C30)

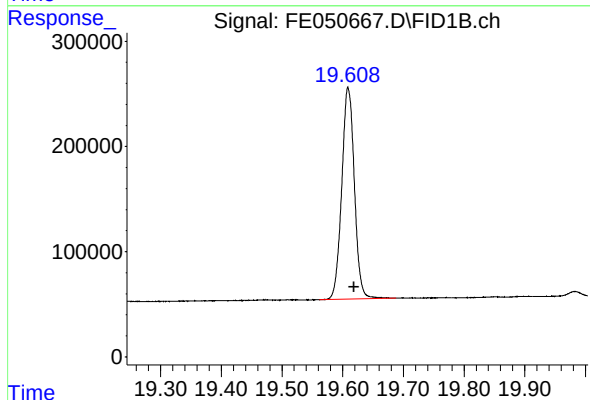
R.T.: 17.995 min
Delta R.T.: -0.009 min
Response: 3188828
Conc: 20.06 ug/ml

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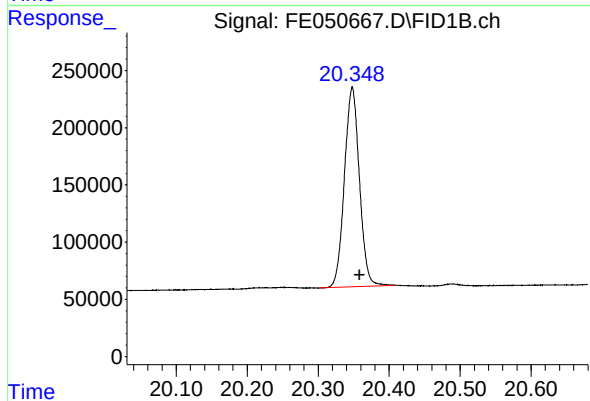
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.010 min
Response: 3172948
Conc: 19.57 ug/ml



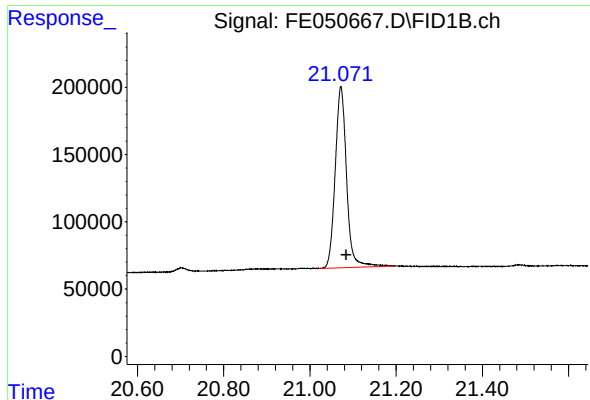
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.009 min
Response: 2909739
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

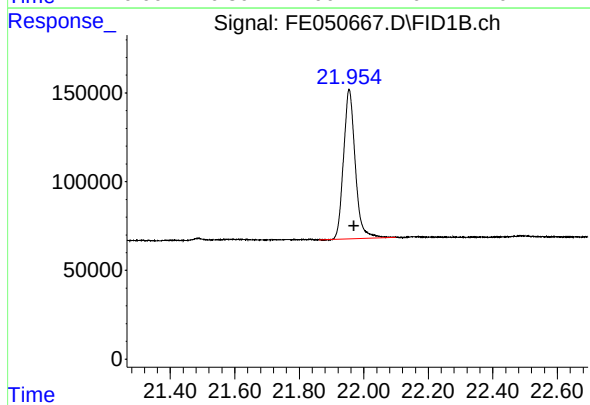
R.T.: 20.348 min
Delta R.T.: -0.011 min
Response: 2564241
Conc: 20.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.072 min
Delta R.T.: -0.012 min
Response: 2460445
Conc: 19.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 2116854
Conc: 19.01 ug/ml