

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040594.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 12:37
 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: Mar 01 02:55:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.879	3715311	19.888 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	13.316	2939330	19.860 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.278	3055012	19.854 ug/ml
2) T n-Decane (C10)	4.524	2993521	19.898 ug/ml
3) T A~Naphthalene (C11.7)	6.225	3343804	20.159 ug/ml
4) T n-Dodecane (C12)	6.687	3067032	20.034 ug/ml
5) T A~2-methylnaphthalene...	7.321	3093618	20.441 ug/ml
6) T n-Tetradecane (C14)	8.514	3075154	19.897 ug/ml
7) T n-Hexadecane (C16)	10.121	3225887	19.972 ug/ml
8) T n-Octadecane (C18)	11.563	3374739	19.875 ug/ml
10) T n-Eicosane (C20)	12.872	3354630	19.830 ug/ml
11) T n-Heneicosane (C21)	13.484	3404172	19.866 ug/ml
13) T n-Docosane (C22)	14.071	3400114	19.847 ug/ml
14) T n-Tetracosane (C24)	15.174	3428962	19.891 ug/ml
15) T n-Hexacosane (C26)	16.197	3378517	19.878 ug/ml
16) T n-Octacosane (C28)	17.147	3349913	19.975 ug/ml
17) T n-Tricontane (C30)	18.035	3280934	20.093 ug/ml
18) T n-Dotriacontane (C32)	18.868	3260165	19.049 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3098250	20.039 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2881992	19.838 ug/ml
21) T n-Octatriacontane (C38)	21.122	2730581	19.865 ug/ml
22) T n-Tetracontane (C40)	22.016	2903033	18.787 ug/ml

(f)=RT Delta > 1/2 Window

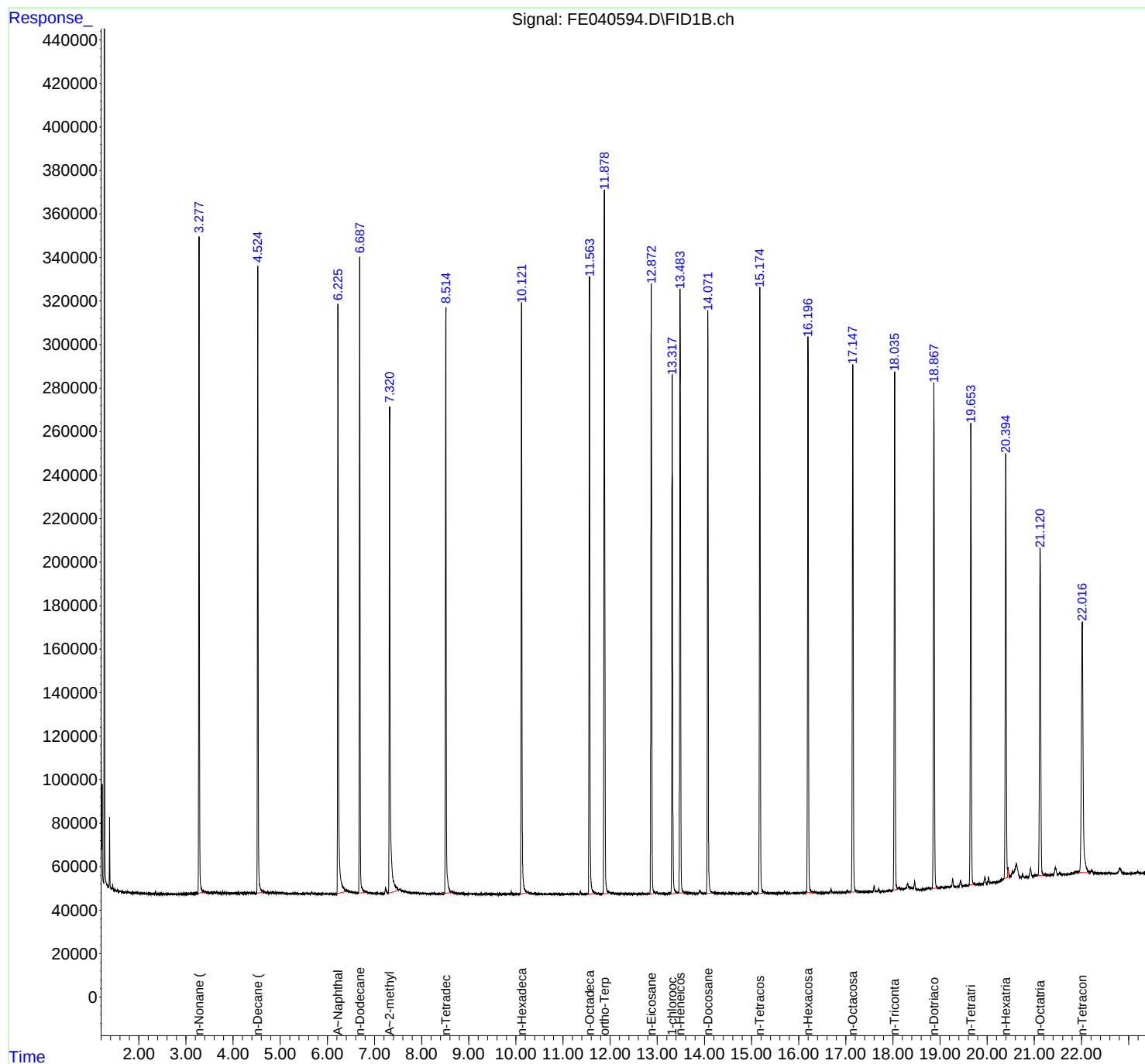
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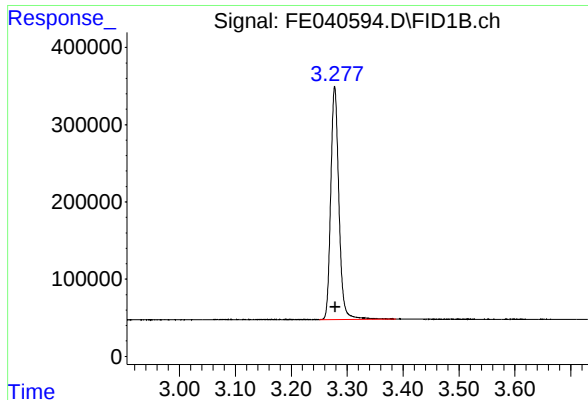
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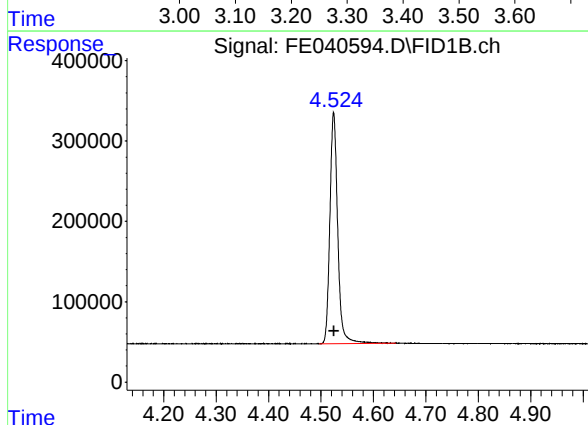




#1 n-Nonane (C9)

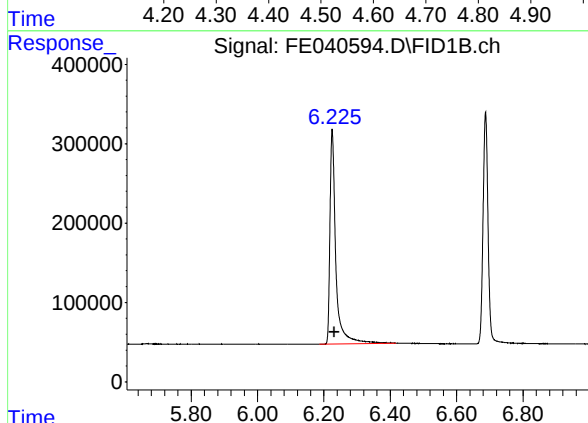
R.T.: 3.278 min
Delta R.T.: -0.001 min
Response: 3055012
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



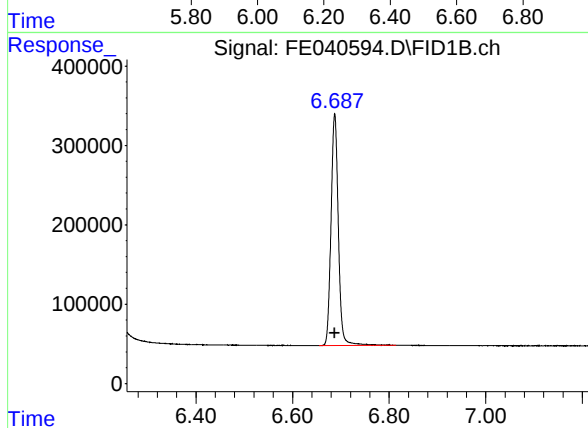
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 2993521
Conc: 19.90 ug/ml



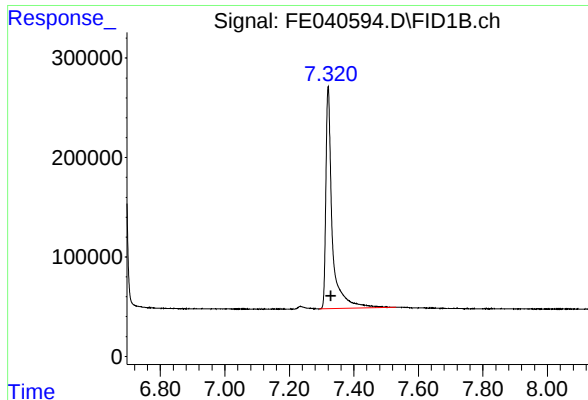
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.006 min
Response: 3343804
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

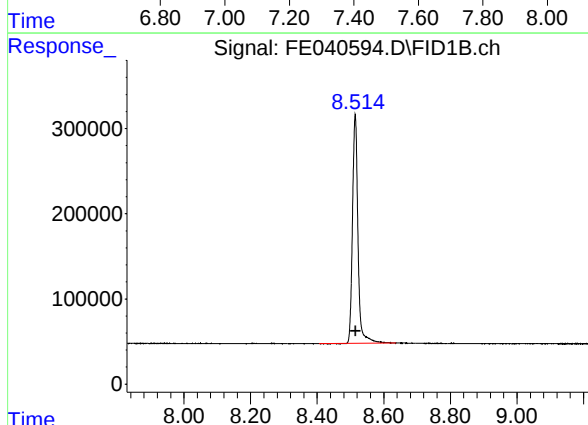
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 3067032
Conc: 20.03 ug/ml



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

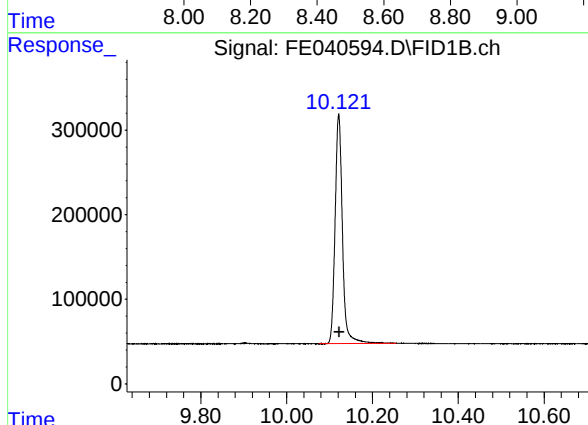
R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 3093618
Conc: 20.44 ug/ml

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20 PPM ALIPHATIC HC STD



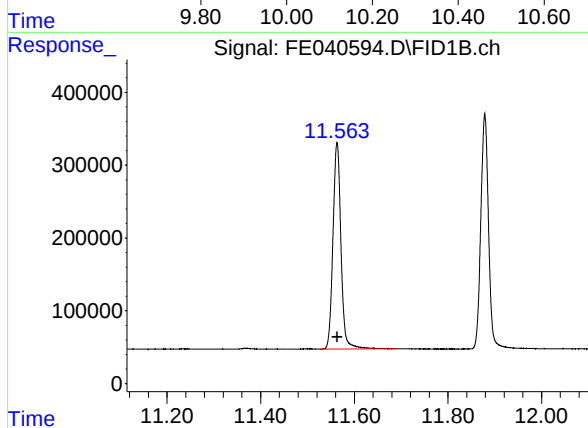
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 3075154
Conc: 19.90 ug/ml



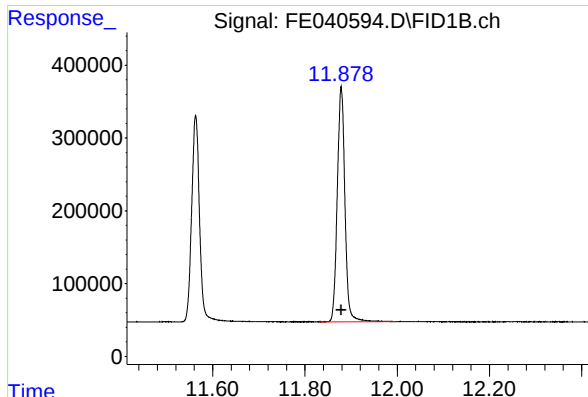
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.001 min
Response: 3225887
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

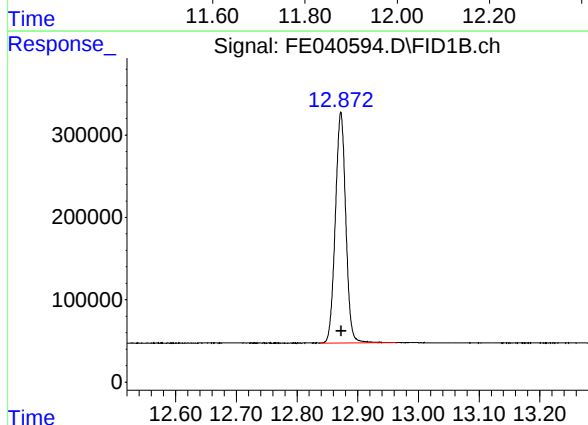
R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 3374739
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

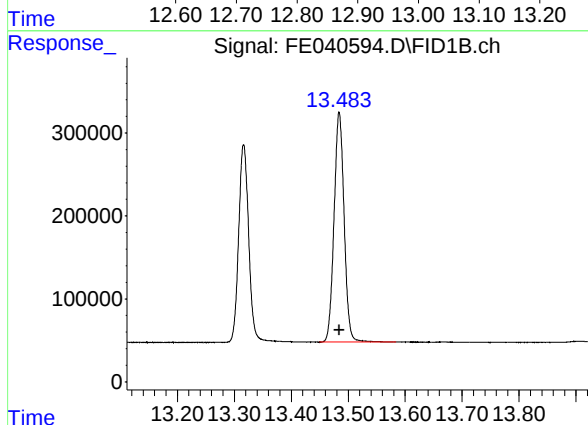
R.T.: 11.879 min
Delta R.T.: 0.000 min
Response: 3715311
Conc: 19.89 ug/ml

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20 PPM ALIPHATIC HC STD



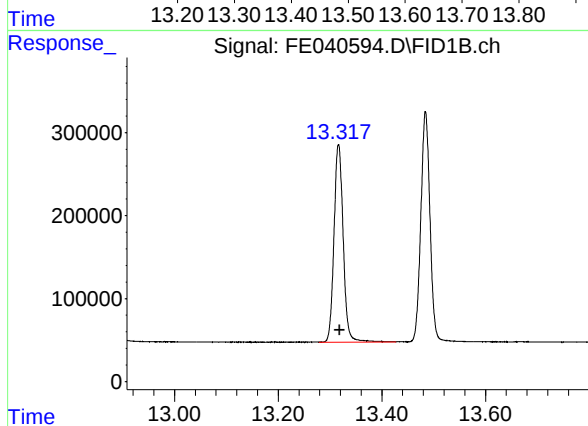
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.000 min
Response: 3354630
Conc: 19.83 ug/ml



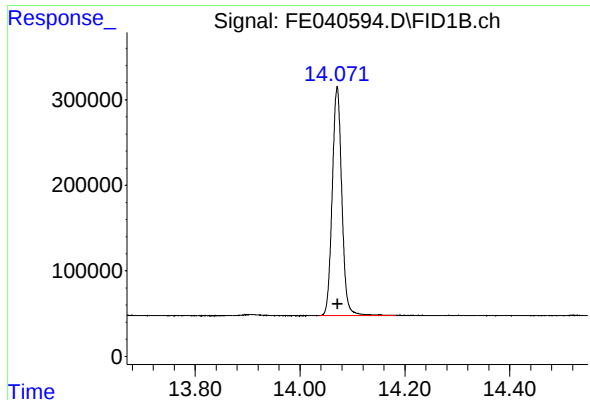
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 3404172
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

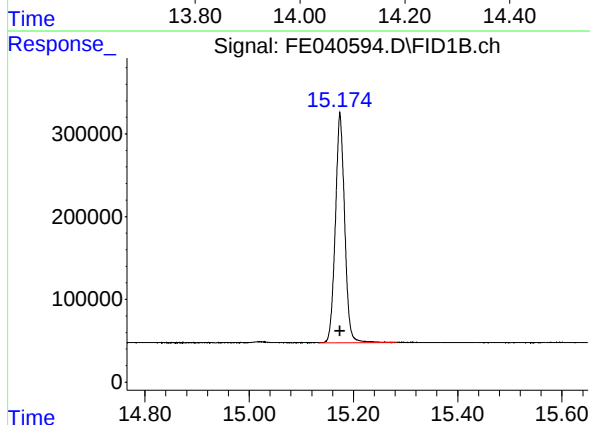
R.T.: 13.316 min
Delta R.T.: -0.002 min
Response: 2939330
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

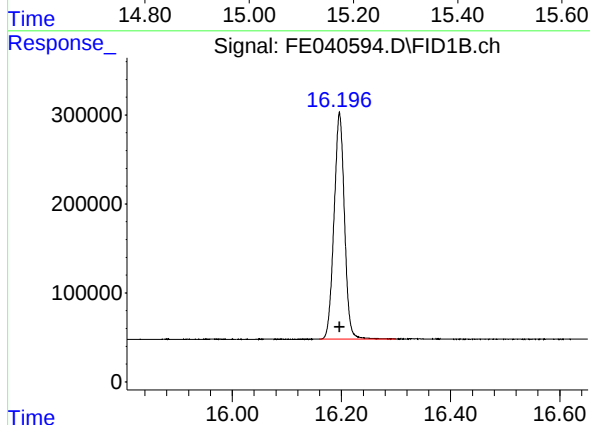
R.T.: 14.071 min
Delta R.T.: 0.000 min
Response: 3400114
Conc: 19.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



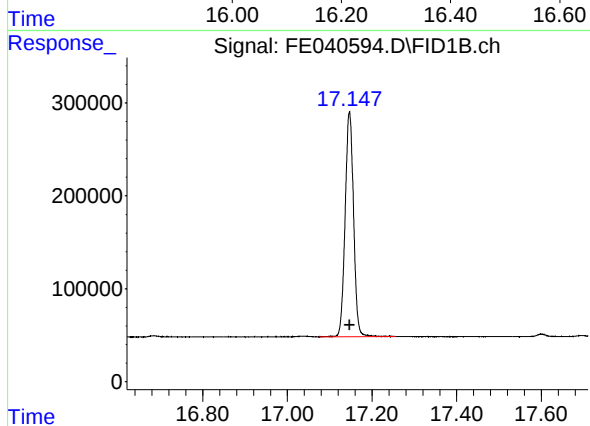
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 3428962
Conc: 19.89 ug/ml



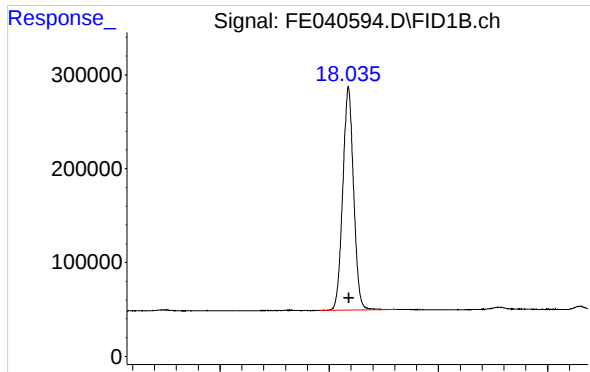
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 3378517
Conc: 19.88 ug/ml



#16 n-Octacosane (C28)

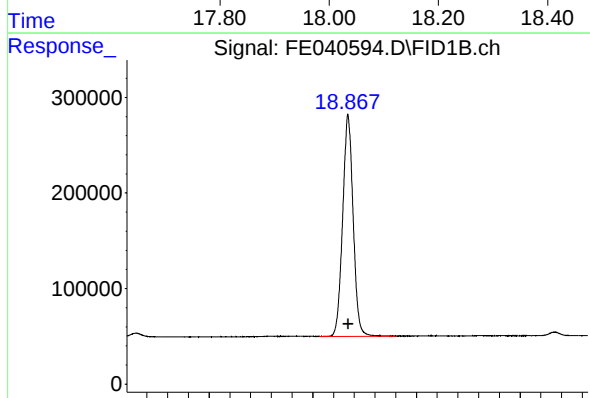
R.T.: 17.147 min
Delta R.T.: 0.000 min
Response: 3349913
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

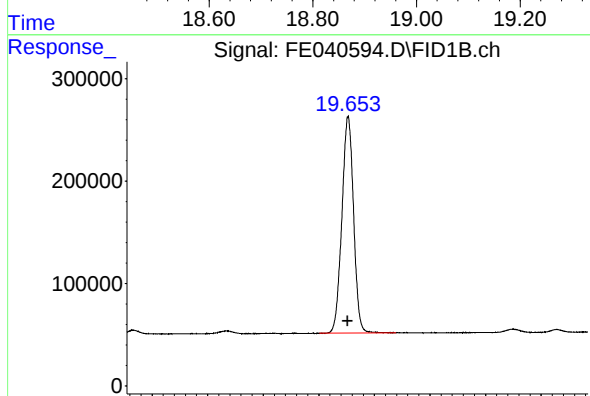
R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 3280934
Conc: 20.09 ug/ml

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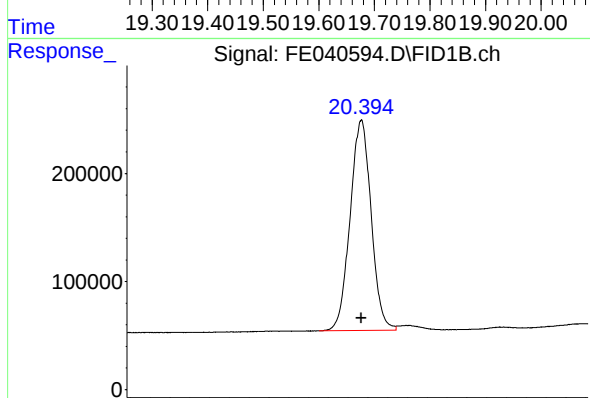
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: 0.000 min
Response: 3260165
Conc: 19.05 ug/ml



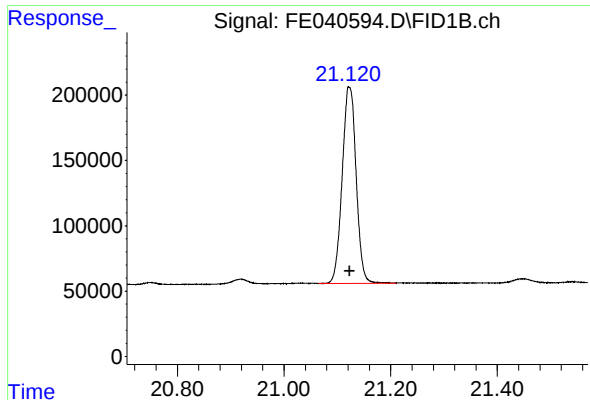
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.000 min
Response: 3098250
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

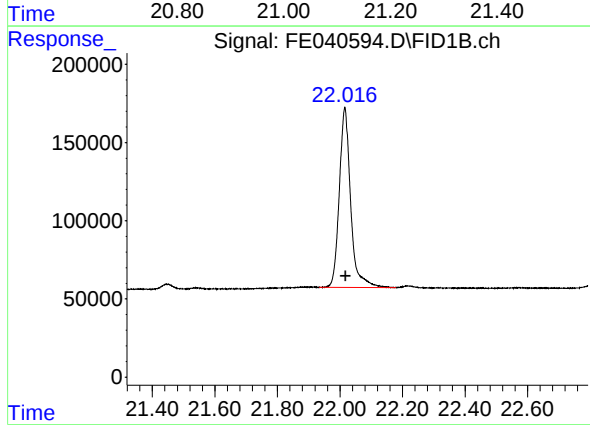
R.T.: 20.394 min
Delta R.T.: 0.000 min
Response: 2881992
Conc: 19.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.002 min
Response: 2730581
Conc: 19.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.003 min
Response: 2903033
Conc: 18.79 ug/ml