

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041852.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 09:13
 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: May 12 01:11:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.967	4006784	21.357 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
12) S 1-chlorooctadecane (S...	13.402	2935963	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	3.348	3174365	21.595 ug/ml
2) T n-Decane (C10)	4.601	3337420	22.252 ug/ml
3) T A~Naphthalene (C11.7)	6.305	3651778	22.067 ug/ml
4) T n-Dodecane (C12)	6.768	3356525	22.076 ug/ml
5) T A~2-methylnaphthalene...	7.402	3555007	22.047 ug/ml
6) T n-Tetradecane (C14)	8.596	3350764	22.058 ug/ml
7) T n-Hexadecane (C16)	10.205	3494512	21.898 ug/ml
8) T n-Octadecane (C18)	11.648	3557941	21.706 ug/ml
10) T n-Eicosane (C20)	12.957	3420886	21.268 ug/ml
11) T n-Heneicosane (C21)	13.569	3354250	21.047 ug/ml
13) T n-Docosane (C22)	14.155	3331358	20.909 ug/ml
14) T n-Tetracosane (C24)	15.258	3287449	20.391 ug/ml
15) T n-Hexacosane (C26)	16.279	3166739	20.030 ug/ml
16) T n-Octacosane (C28)	17.229	3082061	20.030 ug/ml
17) T n-Tricontane (C30)	18.116	3145119	20.650 ug/ml
18) T n-Dotriacontane (C32)	18.950	3097755	20.793 ug/ml
19) T n-Tetratriacontane (C34)	19.732	2981937	21.167 ug/ml
20) T n-Hexatriacontane (C36)	20.471	2875949	21.506 ug/ml
21) T n-Octatriacontane (C38)	21.223	2875367	21.761 ug/ml
22) T n-Tetracontane (C40)	22.157	2906514	22.956 ug/ml

(f)=RT Delta > 1/2 Window

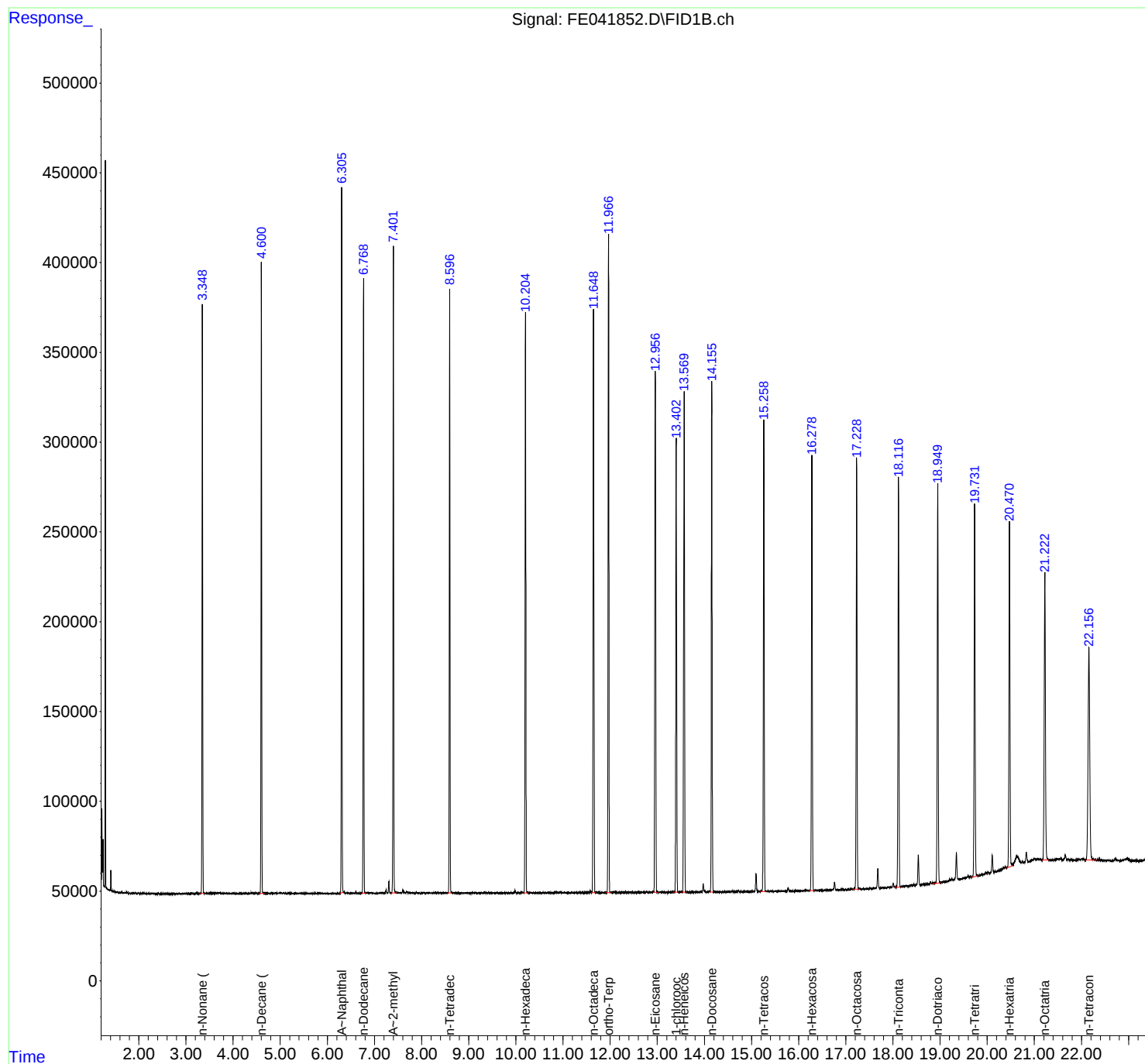
(m)=manual int.

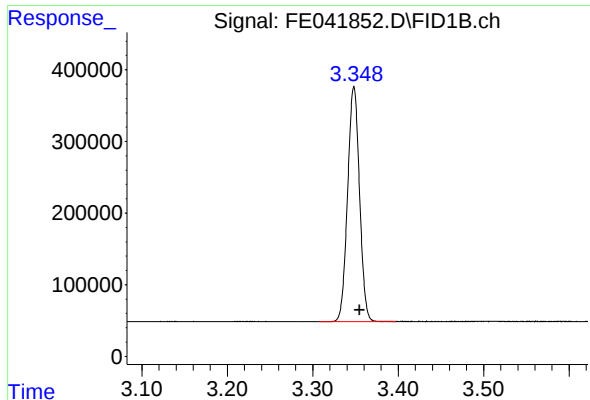
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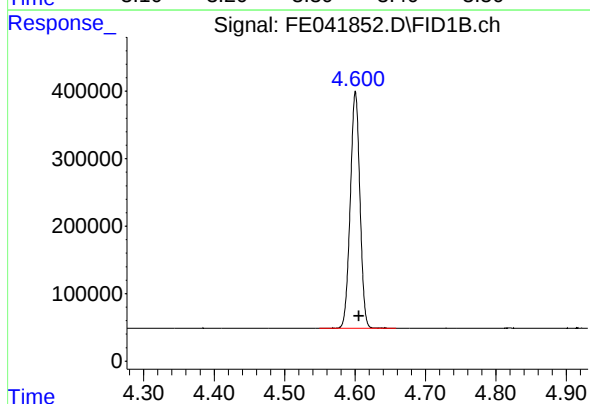




#1 n-Nonane (C9)

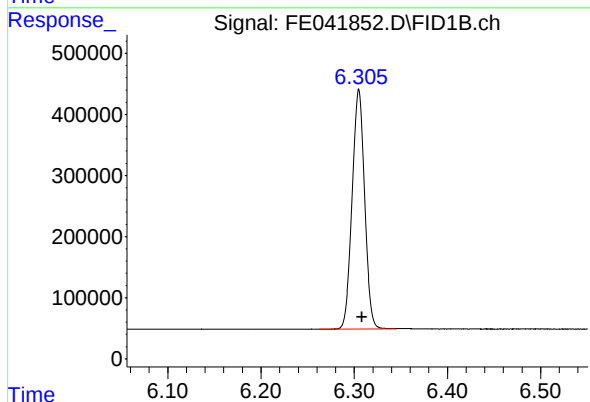
R.T.: 3.348 min
Delta R.T.: -0.007 min
Response: 3174365
Conc: 21.59 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



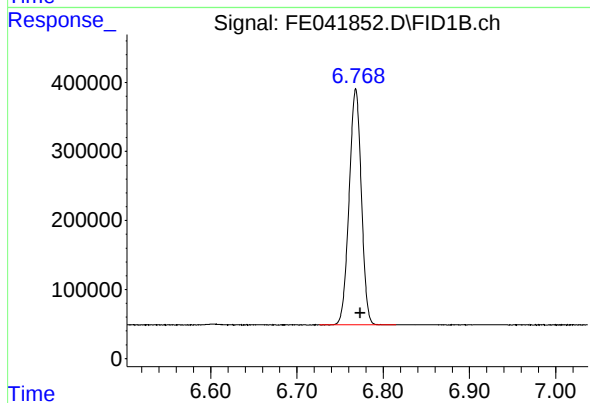
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.005 min
Response: 3337420
Conc: 22.25 ug/ml



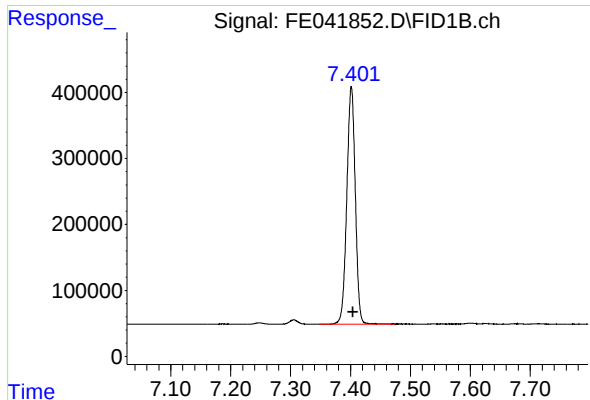
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 3651778
Conc: 22.07 ug/ml



#4 n-Dodecane (C12)

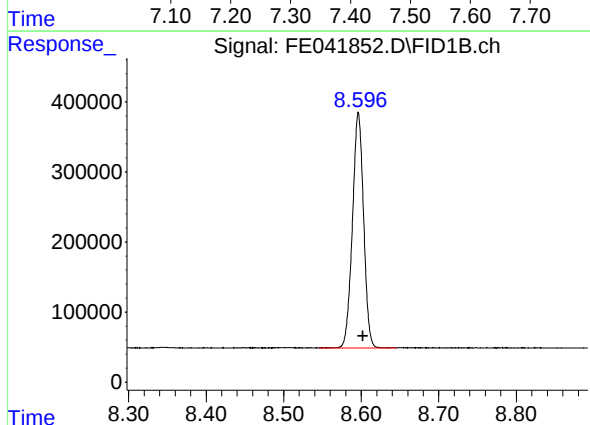
R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 3356525
Conc: 22.08 ug/ml



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

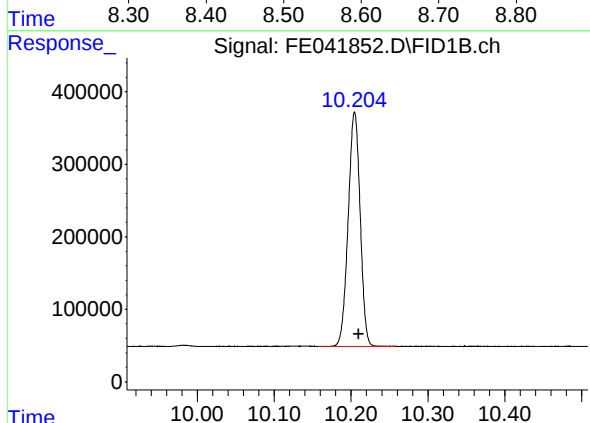
R.T.: 7.402 min
Delta R.T.: -0.003 min
Response: 3555007
Conc: 22.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



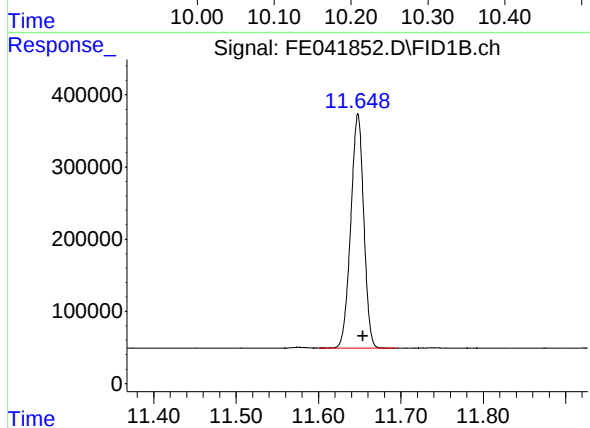
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.006 min
Response: 3350764
Conc: 22.06 ug/ml



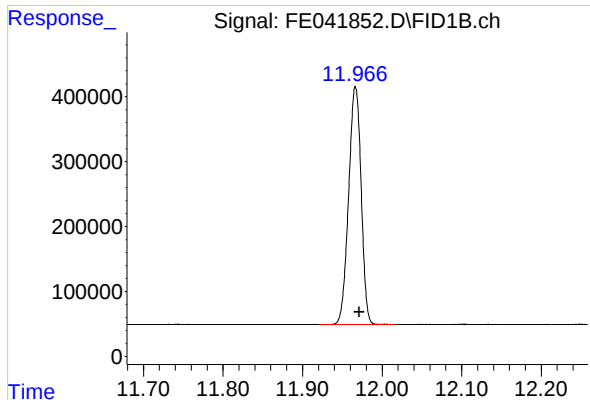
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.005 min
Response: 3494512
Conc: 21.90 ug/ml



#8 n-Octadecane (C18)

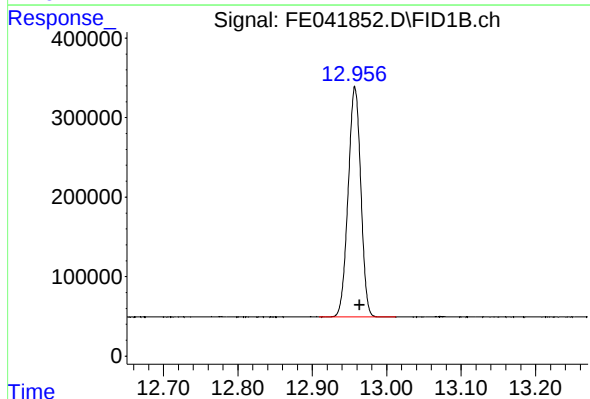
R.T.: 11.648 min
Delta R.T.: -0.006 min
Response: 3557941
Conc: 21.71 ug/ml



#9 ortho-Terphenyl (SURR)

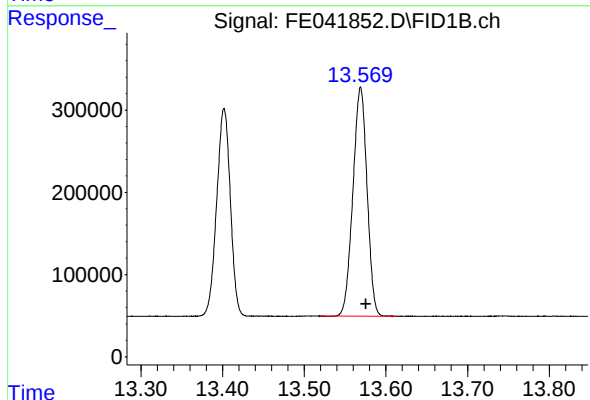
R.T.: 11.967 min
Delta R.T.: -0.005 min
Response: 4006784
Conc: 21.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



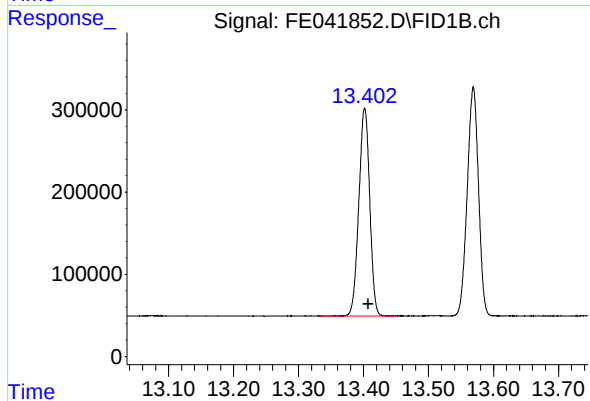
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.006 min
Response: 3420886
Conc: 21.27 ug/ml



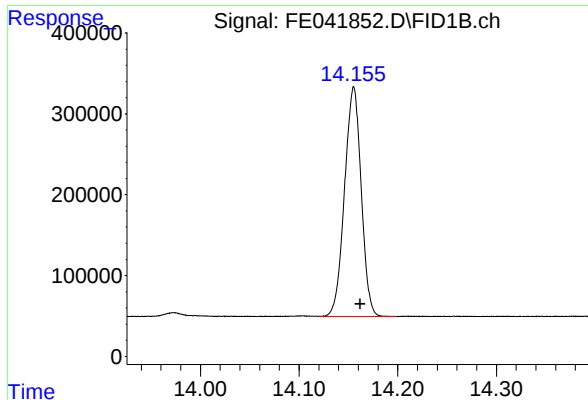
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.007 min
Response: 3354250
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

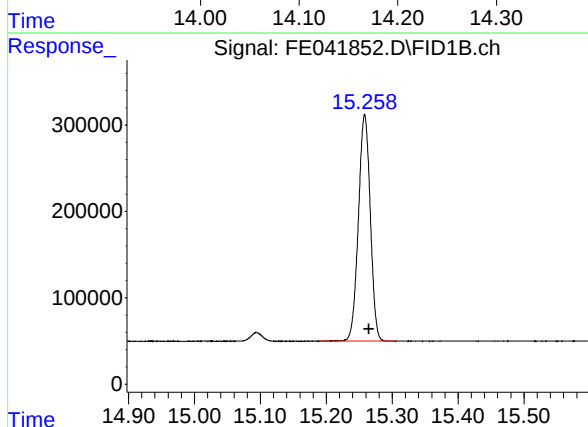
R.T.: 13.402 min
Delta R.T.: -0.006 min
Response: 2935963
Conc: 20.78 ug/ml



#13 n-Docosane (C22)

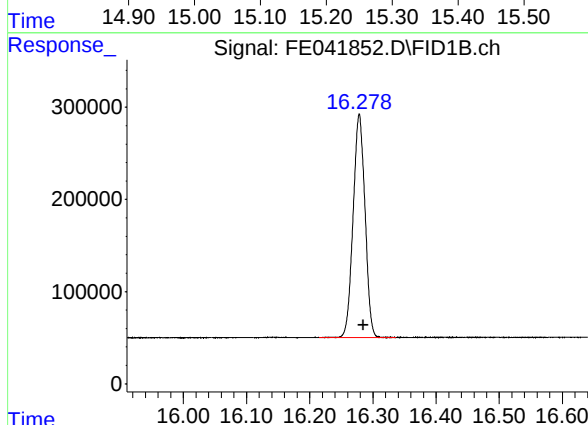
R.T.: 14.155 min
Delta R.T.: -0.006 min
Response: 3331358
Conc: 20.91 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



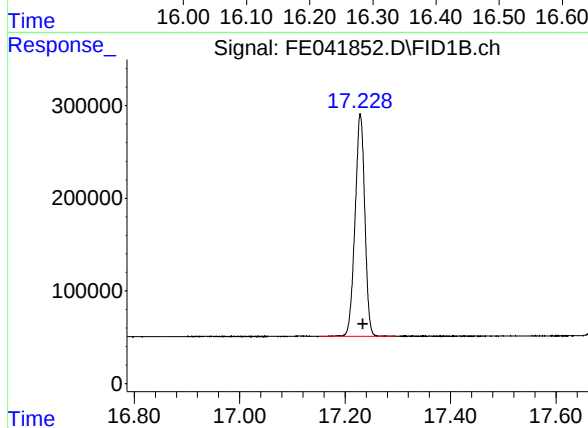
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.007 min
Response: 3287449
Conc: 20.39 ug/ml



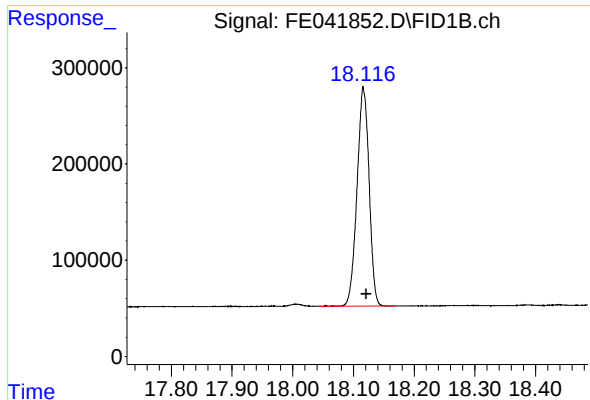
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.006 min
Response: 3166739
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

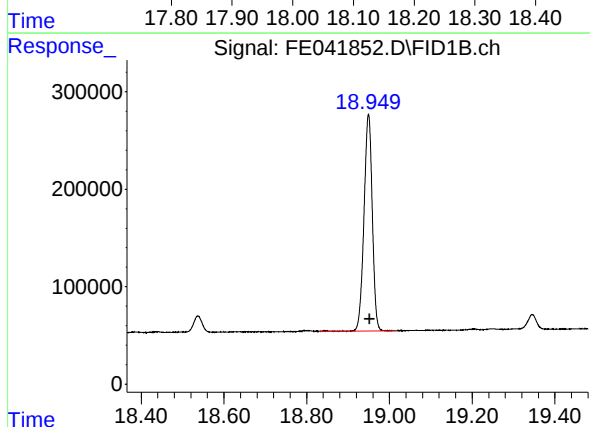
R.T.: 17.229 min
Delta R.T.: -0.005 min
Response: 3082061
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

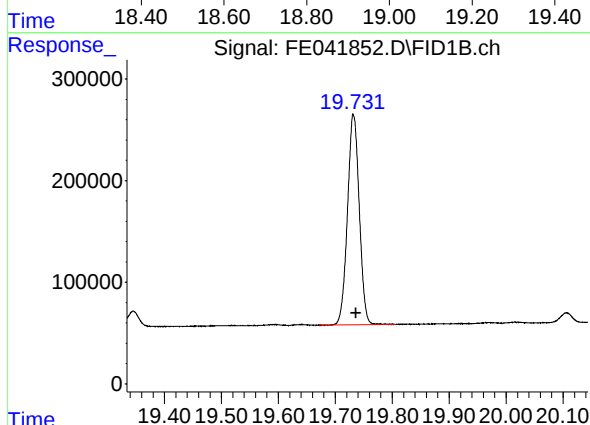
R.T.: 18.116 min
Delta R.T.: -0.005 min
Response: 3145119
Conc: 20.65 ug/ml

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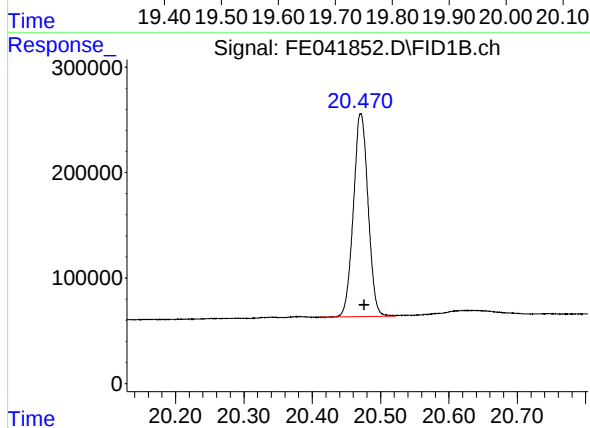
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.003 min
Response: 3097755
Conc: 20.79 ug/ml



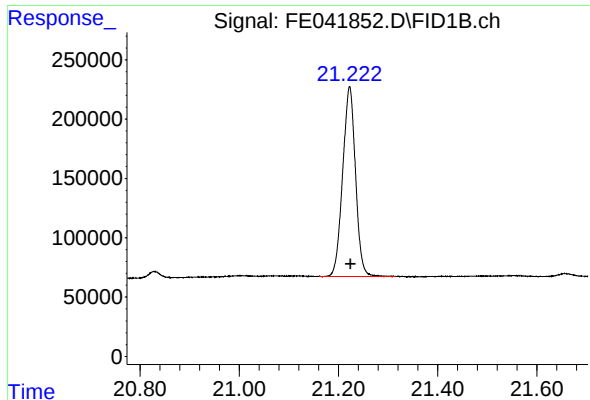
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: -0.004 min
Response: 2981937
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

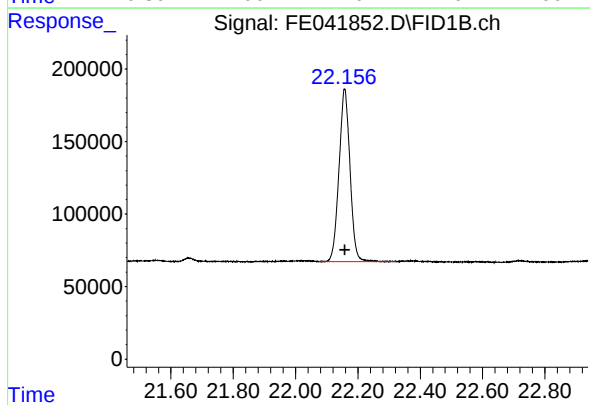
R.T.: 20.471 min
Delta R.T.: -0.005 min
Response: 2875949
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.002 min
Response: 2875367
Conc: 21.76 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: -0.001 min
Response: 2906514
Conc: 22.96 ug/ml