

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091322AL\
 Data File : FE037510.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2022 10:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 14 08:09:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.636	2991458	17.702 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
12) S 1-chlorooctadecane (S...	13.060	2300806	17.877 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
Target Compounds			
1) T n-Nonane (C9)	3.029	2688194	17.569 ug/ml
2) T n-Decane (C10)	4.287	2826682	18.334 ug/ml
3) T A~Naphthalene (C11.7)	6.003	2786226	19.339 ug/ml
4) T n-Dodecane (C12)	6.460	2919182	18.460 ug/ml
5) T A~2-methylnaphthalene...	7.096	2736040	19.597 ug/ml
6) T n-Tetradecane (C14)	9.879	2921621	18.438 ug/ml
7) T n-Hexadecane (C16)	9.879	2921621	18.438 ug/ml
8) T n-Octadecane (C18)	11.315	2895428	18.182 ug/ml
10) T n-Eicosane (C20)	12.617	2824131	17.849 ug/ml
11) T n-Heneicosane (C21)	13.226	2783129	17.649 ug/ml
13) T n-Docosane (C22)	13.809	2746640	17.644 ug/ml
14) T n-Tetracosane (C24)	14.907	2654124	17.647 ug/ml
15) T n-Hexacosane (C26)	15.923	2587557	17.869 ug/ml
16) T n-Octacosane (C28)	16.869	2607834	18.824 ug/ml
17) T n-Tricontane (C30)	17.751	2888812	21.236 ug/ml
18) T n-Dotriacontane (C32)	18.580	3021143	22.625 ug/ml
19) T n-Tetratriacontane (C34)	19.361	2872228	22.700 ug/ml
20) T n-Hexatriacontane (C36)	20.096	2881063	22.401 ug/ml
21) T n-Octatriacontane (C38)	20.795	2805640	22.543 ug/ml
22) T n-Tetracontane (C40)	21.576	2894885	22.456 ug/ml

(f)=RT Delta > 1/2 Window

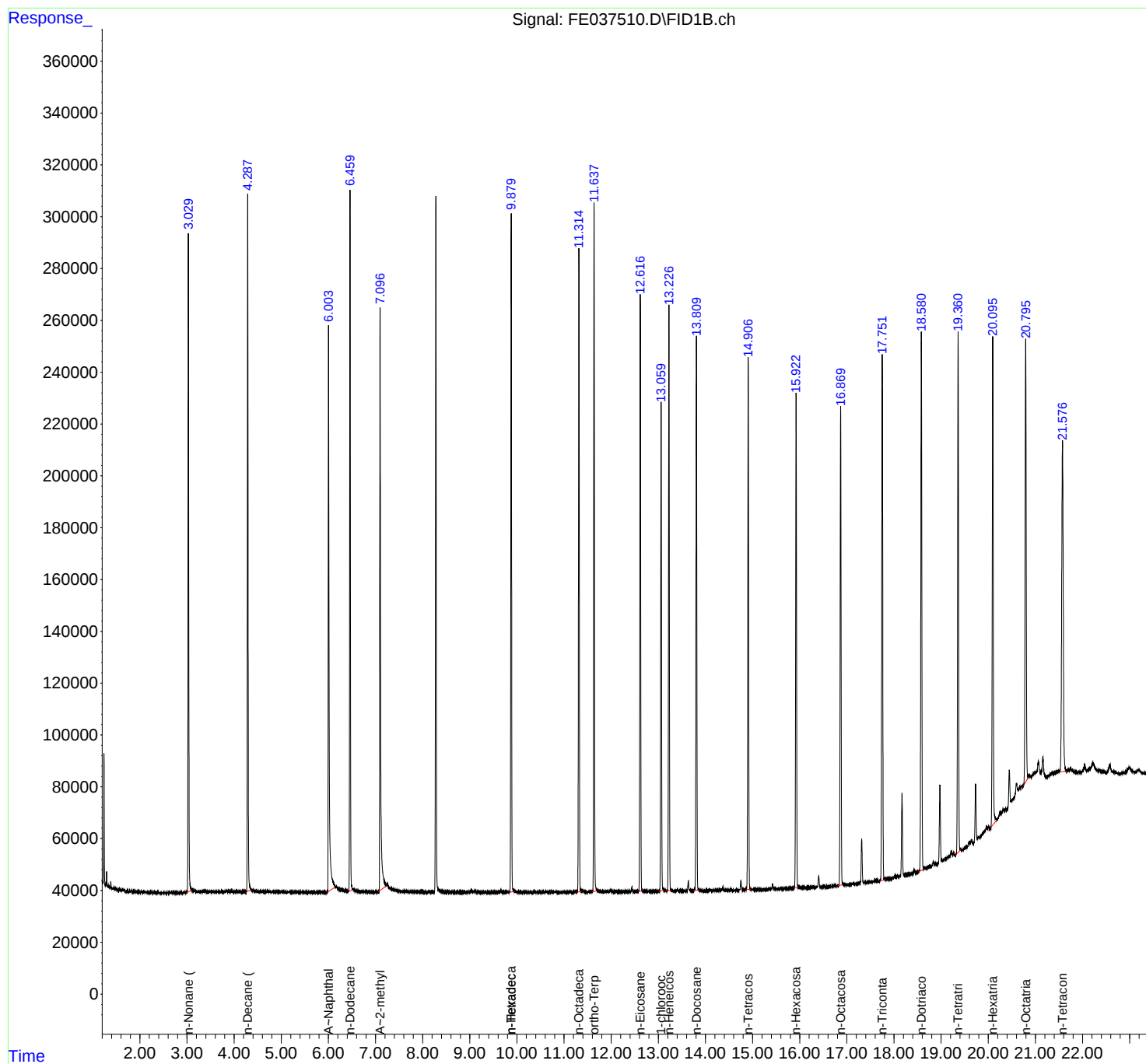
(m)=manual int.

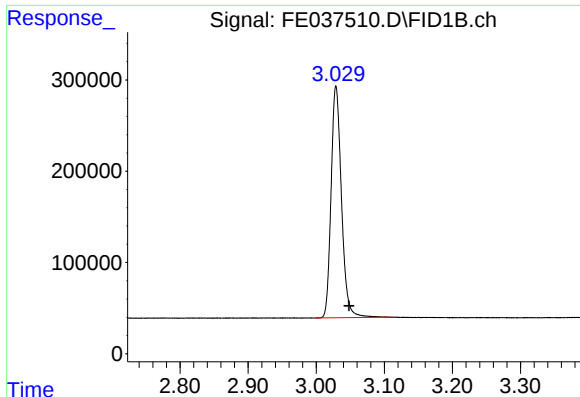
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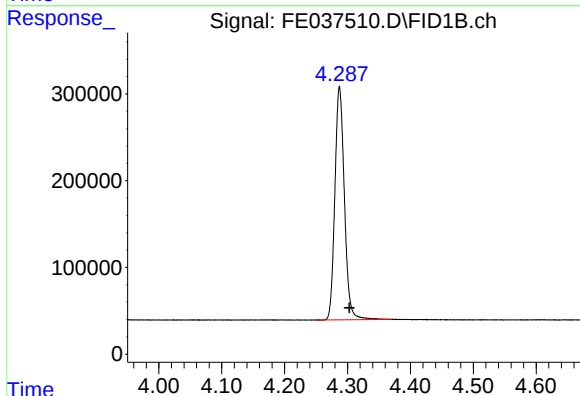




#1 n-Nonane (C9)

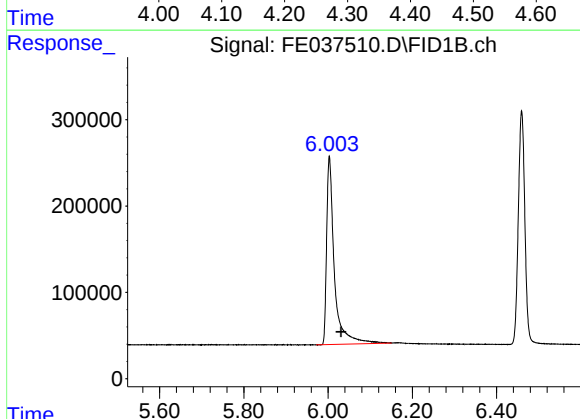
R.T.: 3.029 min
Delta R.T.: -0.019 min
Response: 2688194
Conc: 17.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



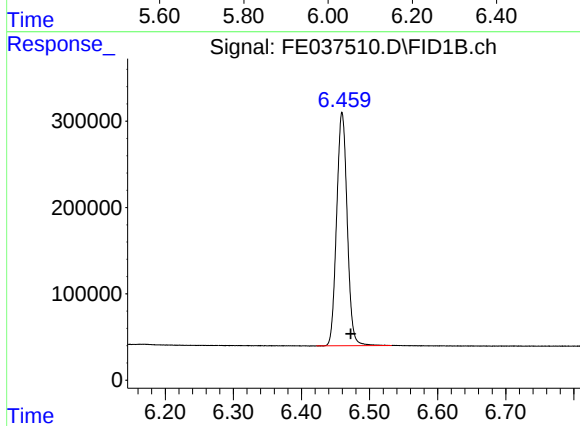
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.016 min
Response: 2826682
Conc: 18.33 ug/ml



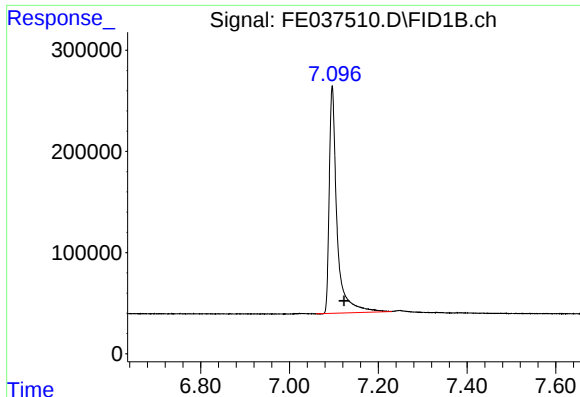
#3 A~Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.027 min
Response: 2786226
Conc: 19.34 ug/ml



#4 n-Dodecane (C12)

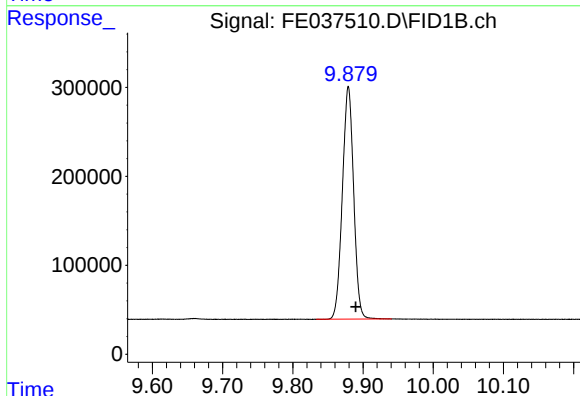
R.T.: 6.460 min
Delta R.T.: -0.013 min
Response: 2919182
Conc: 18.46 ug/ml



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

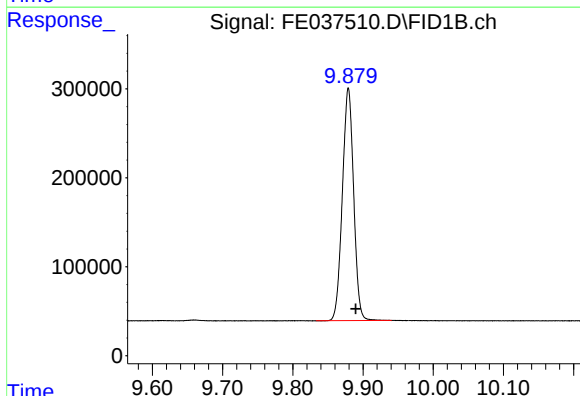
R.T.: 7.096 min
Delta R.T.: -0.027 min
Response: 2736040
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



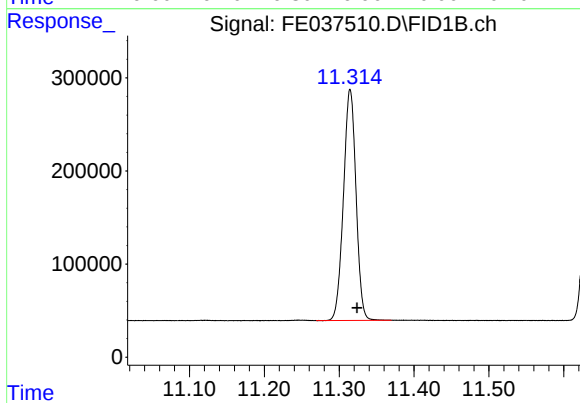
#6 n-Tetradecane (C14)

R.T.: 9.879 min
Delta R.T.: -0.010 min
Response: 2921621
Conc: 18.44 ug/ml



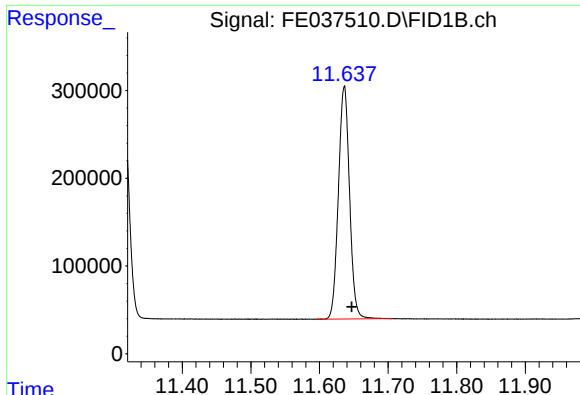
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.010 min
Response: 2921621
Conc: 18.44 ug/ml



#8 n-Octadecane (C18)

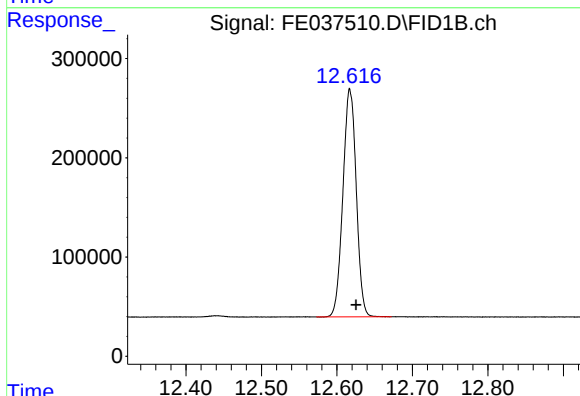
R.T.: 11.315 min
Delta R.T.: -0.009 min
Response: 2895428
Conc: 18.18 ug/ml



#9 ortho-Terphenyl (SURR)

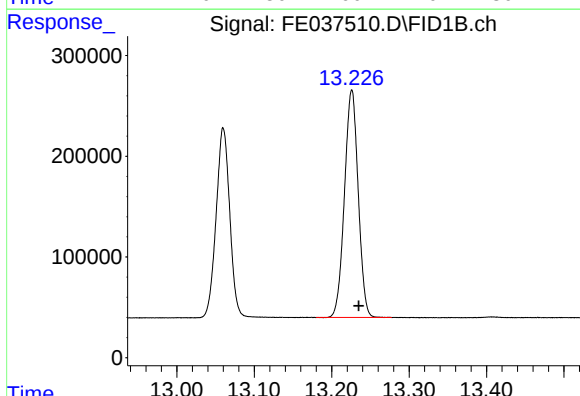
R.T.: 11.636 min
Delta R.T.: -0.011 min
Response: 2991458
Conc: 17.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



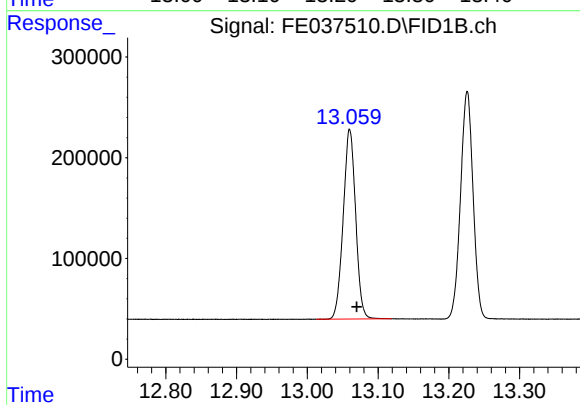
#10 n-Eicosane (C20)

R.T.: 12.617 min
Delta R.T.: -0.008 min
Response: 2824131
Conc: 17.85 ug/ml



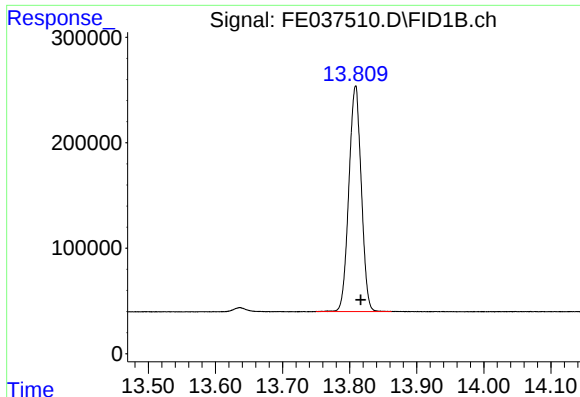
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.009 min
Response: 2783129
Conc: 17.65 ug/ml



#12 1-chlorooctadecane (SURR)

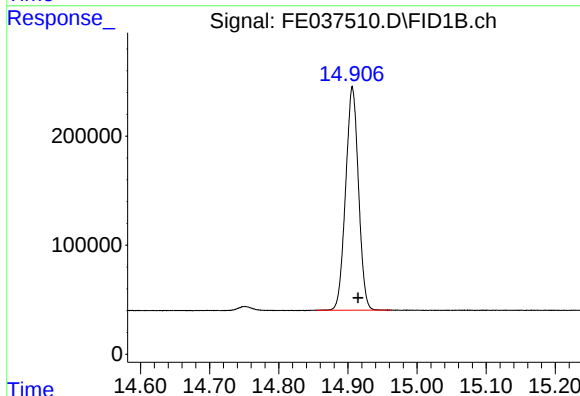
R.T.: 13.060 min
Delta R.T.: -0.010 min
Response: 2300806
Conc: 17.88 ug/ml



#13 n-Docosane (C22)

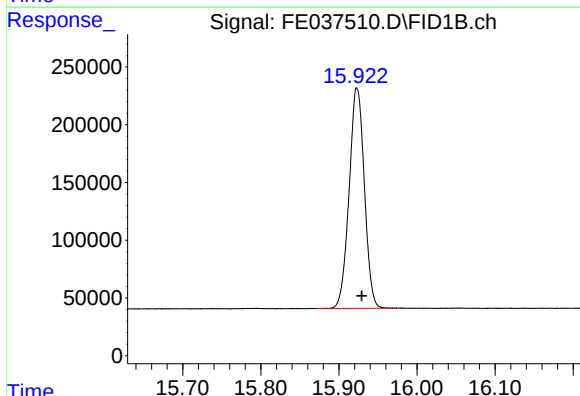
R.T.: 13.809 min
Delta R.T.: -0.007 min
Response: 2746640
Conc: 17.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



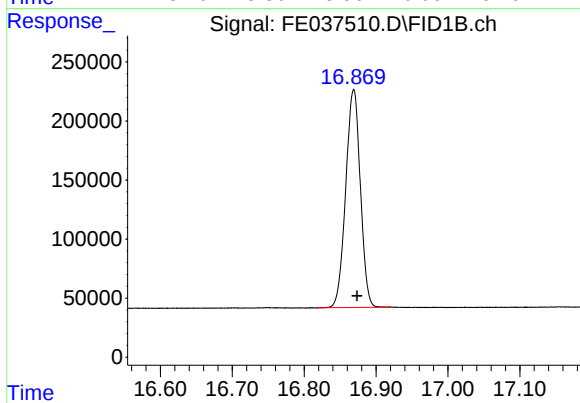
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.008 min
Response: 2654124
Conc: 17.65 ug/ml



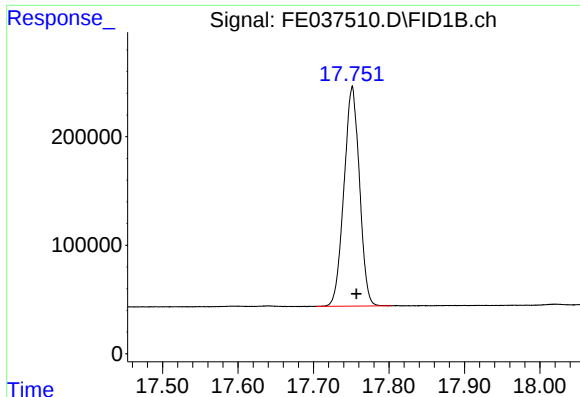
#15 n-Hexacosane (C26)

R.T.: 15.923 min
Delta R.T.: -0.006 min
Response: 2587557
Conc: 17.87 ug/ml



#16 n-Octacosane (C28)

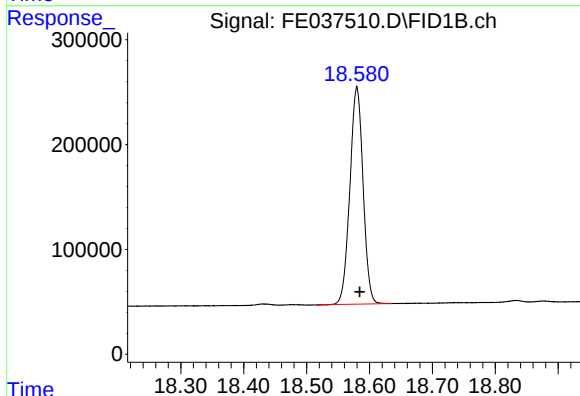
R.T.: 16.869 min
Delta R.T.: -0.005 min
Response: 2607834
Conc: 18.82 ug/ml



#17 n-Tricontane (C30)

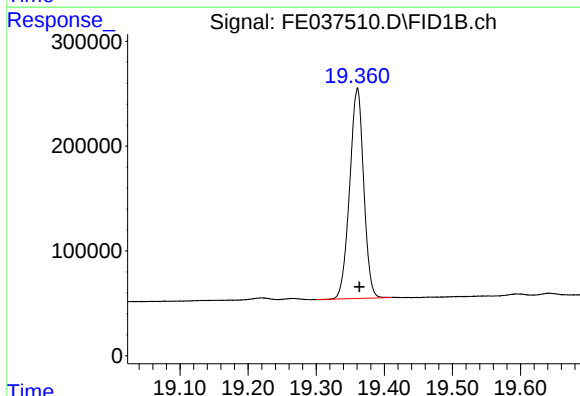
R.T.: 17.751 min
Delta R.T.: -0.005 min
Response: 2888812
Conc: 21.24 ug/ml

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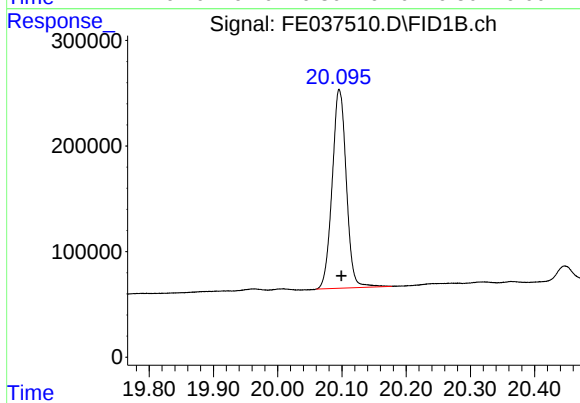
#18 n-Dotriacontane (C32)

R.T.: 18.580 min
Delta R.T.: -0.004 min
Response: 3021143
Conc: 22.62 ug/ml



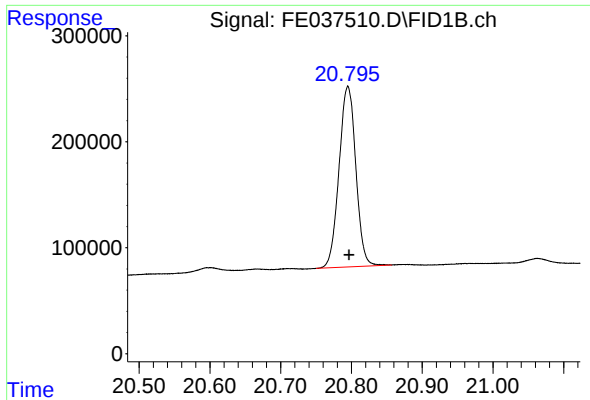
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: -0.003 min
Response: 2872228
Conc: 22.70 ug/ml



#20 n-Hexatriacontane (C36)

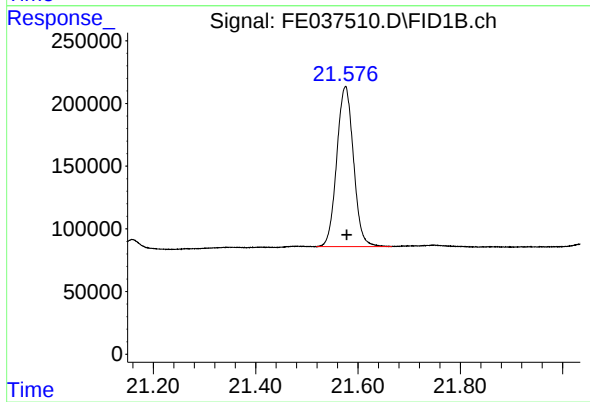
R.T.: 20.096 min
Delta R.T.: -0.003 min
Response: 2881063
Conc: 22.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.001 min
Response: 2805640
Conc: 22.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.003 min
Response: 2894885
Conc: 22.46 ug/ml