

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051623AL\
 Data File : FE041938.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2023 13:25
 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: May 17 01:14:37 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)	11.971	3600039	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.408	2711440	19.193 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.347	2740927	18.646 ug/ml
2) T n-Decane (C10)	4.600	2954385	19.699 ug/ml
3) T A~Naphthalene (C11.7)	6.307	3263853	19.722 ug/ml
4) T n-Dodecane (C12)	6.769	2989625	19.663 ug/ml
5) T A~2-methylnaphthalene...	7.405	3171432	19.668 ug/ml
6) T n-Tetradecane (C14)	8.599	3016734	19.859 ug/ml
7) T n-Hexadecane (C16)	10.208	3169583	19.862 ug/ml
8) T n-Octadecane (C18)	11.651	3250655	19.832 ug/ml
10) T n-Eicosane (C20)	12.963	3119750	19.396 ug/ml
11) T n-Heneicosane (C21)	13.574	3044315	19.102 ug/ml
13) T n-Docosane (C22)	14.161	3028129	19.005 ug/ml
14) T n-Tetracosane (C24)	15.264	3002054	18.621 ug/ml
15) T n-Hexacosane (C26)	16.285	2904083	18.369 ug/ml
16) T n-Octacosane (C28)	17.236	2937360	19.090 ug/ml
17) T n-Tricontane (C30)	18.123	3230986	21.214 ug/ml
18) T n-Dotriacontane (C32)	18.957	3268998	21.943 ug/ml
19) T n-Tetratriacontane (C34)	19.741	3070282	21.794 ug/ml
20) T n-Hexatriacontane (C36)	20.480	2917186	21.814 ug/ml
21) T n-Octatriacontane (C38)	21.234	2823881	21.371 ug/ml
22) T n-Tetracontane (C40)	22.172	2808519	22.182 ug/ml

(f)=RT Delta > 1/2 Window

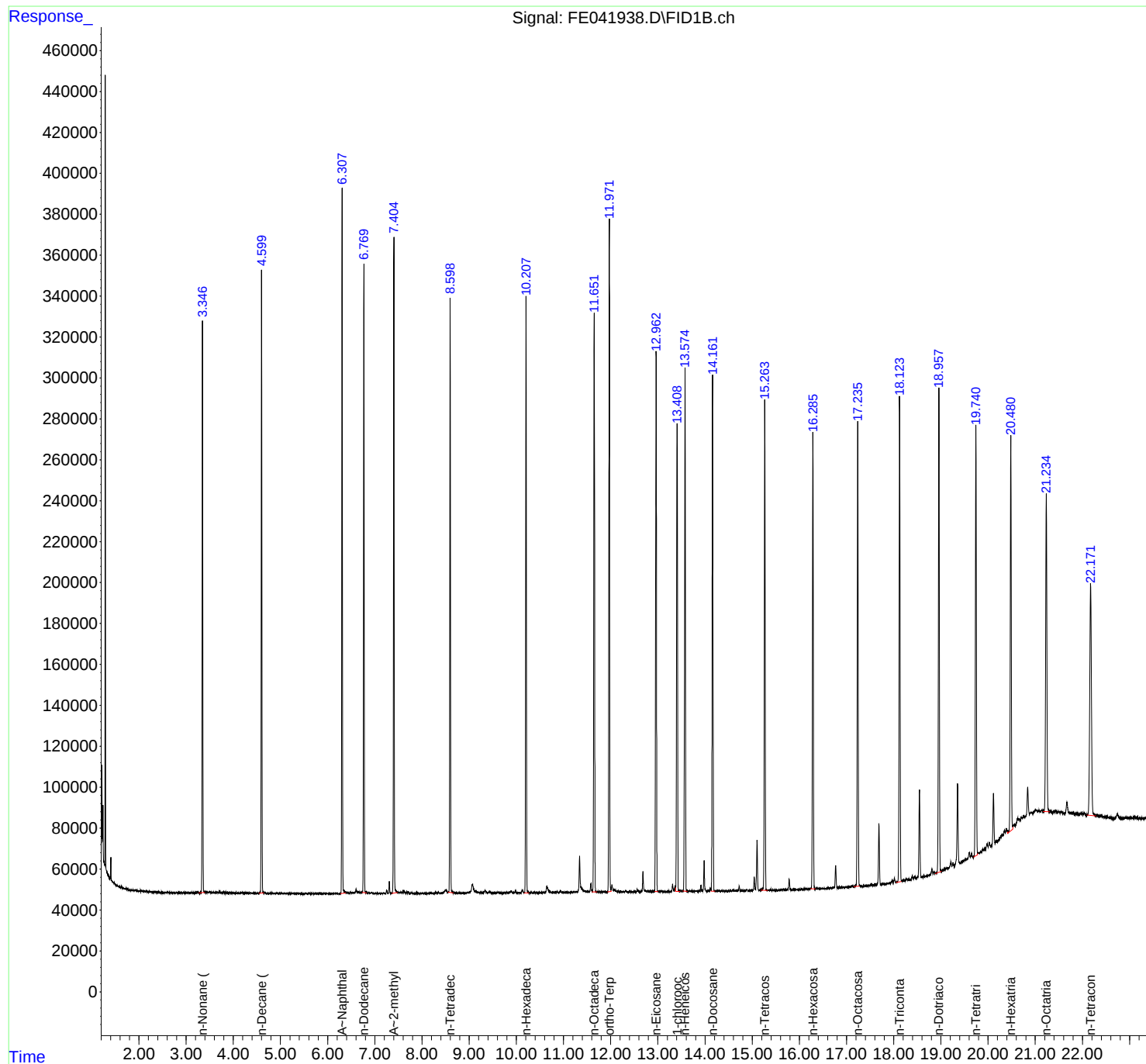
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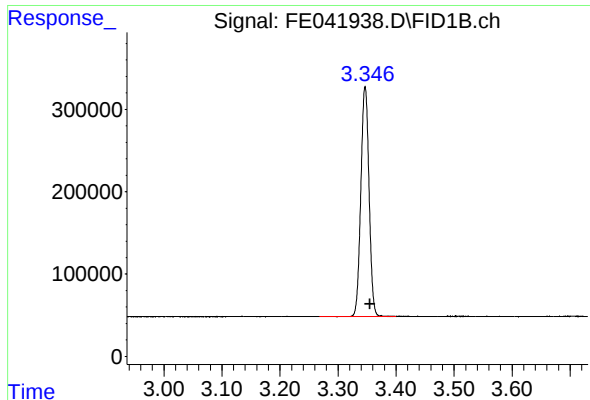
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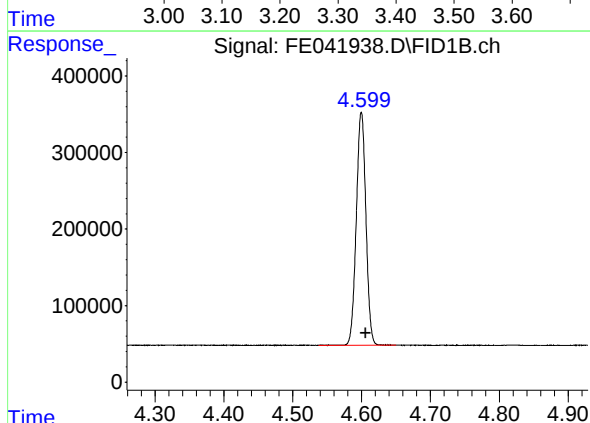




#1 n-Nonane (C9)

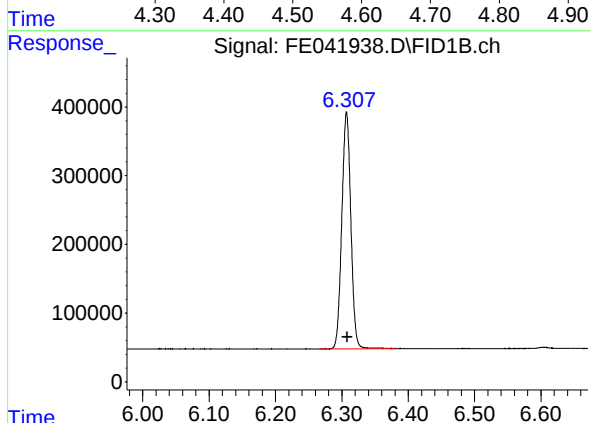
R.T.: 3.347 min
Delta R.T.: -0.008 min
Response: 2740927
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



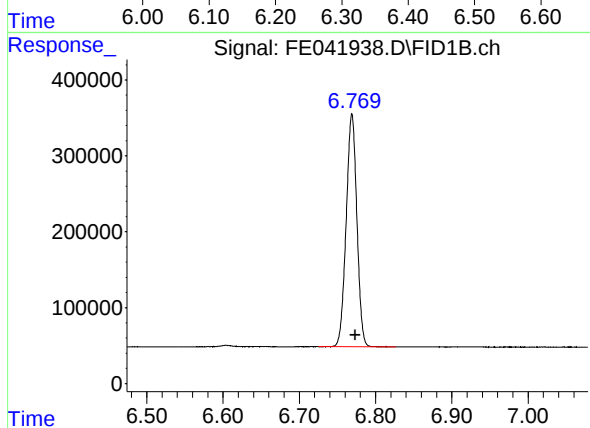
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.006 min
Response: 2954385
Conc: 19.70 ug/ml



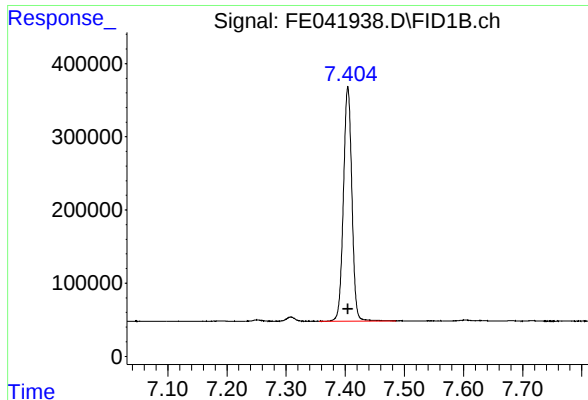
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: -0.001 min
Response: 3263853
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

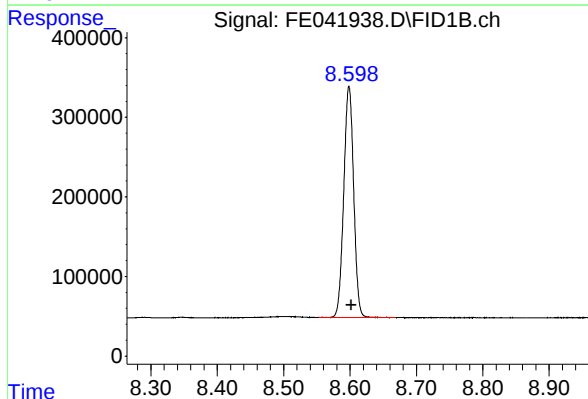
R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 2989625
Conc: 19.66 ug/ml



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

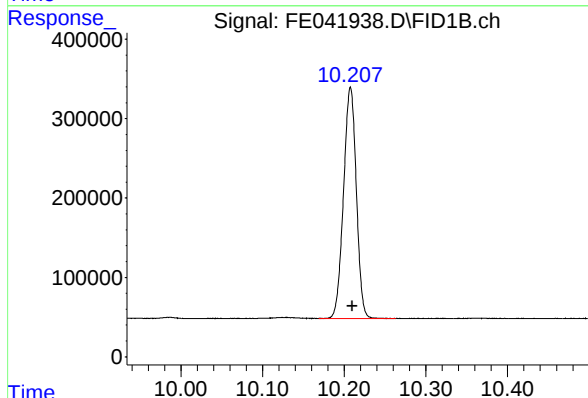
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3171432
Conc: 19.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



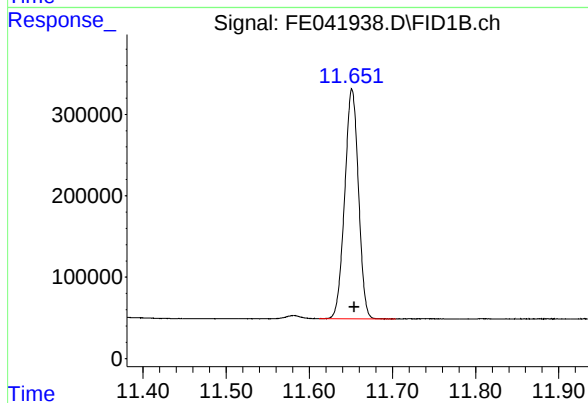
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 3016734
Conc: 19.86 ug/ml



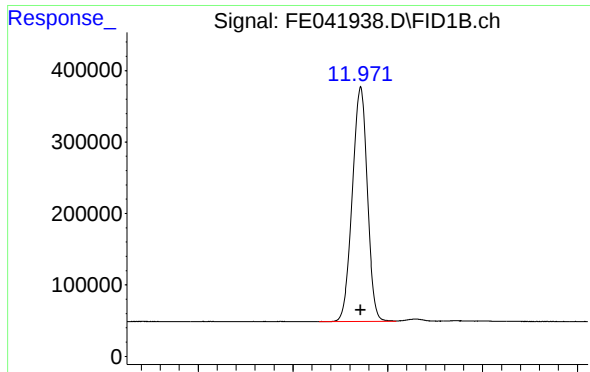
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 3169583
Conc: 19.86 ug/ml



#8 n-Octadecane (C18)

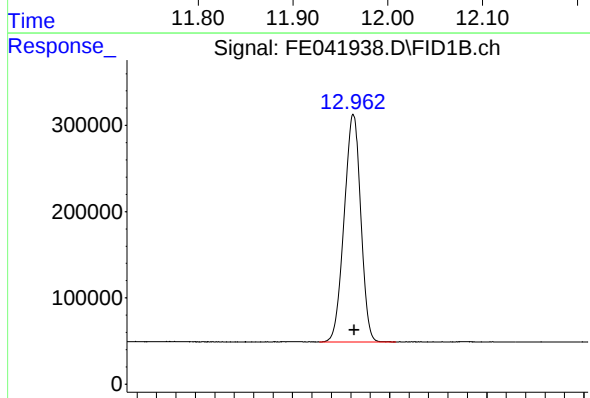
R.T.: 11.651 min
Delta R.T.: -0.003 min
Response: 3250655
Conc: 19.83 ug/ml



#9 ortho-Terphenyl (SURR)

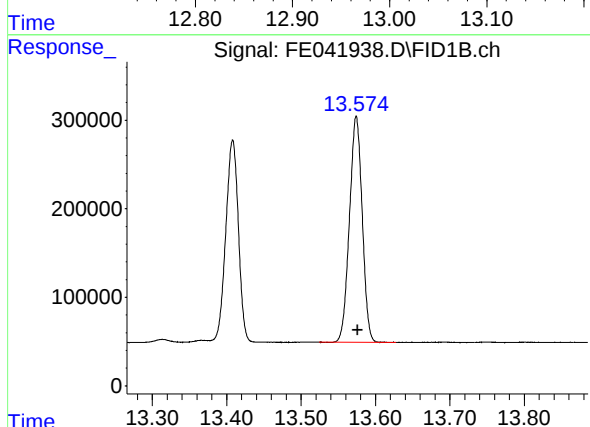
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 3600039
Conc: 19.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



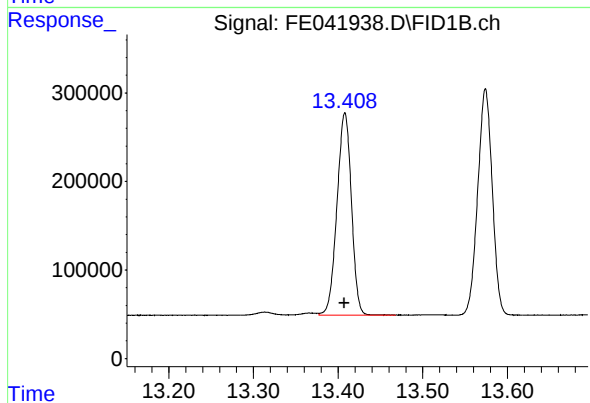
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 3119750
Conc: 19.40 ug/ml



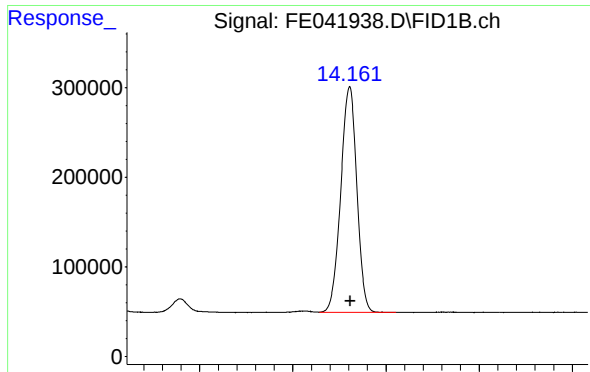
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 3044315
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

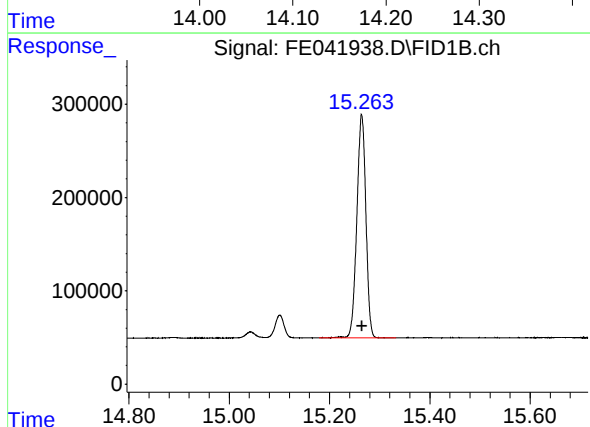
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2711440
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

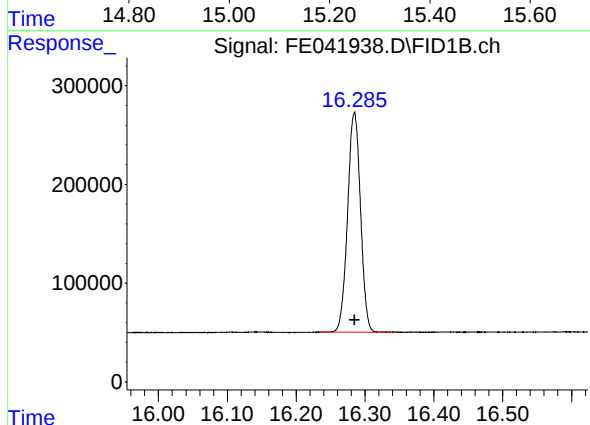
R.T.: 14.161 min
Delta R.T.: 0.000 min
Response: 3028129
Conc: 19.01 ug/ml

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20 PPM ALIPHATIC HC STD



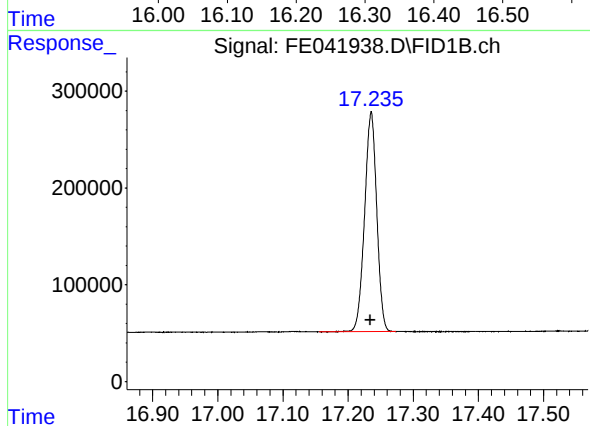
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.000 min
Response: 3002054
Conc: 18.62 ug/ml



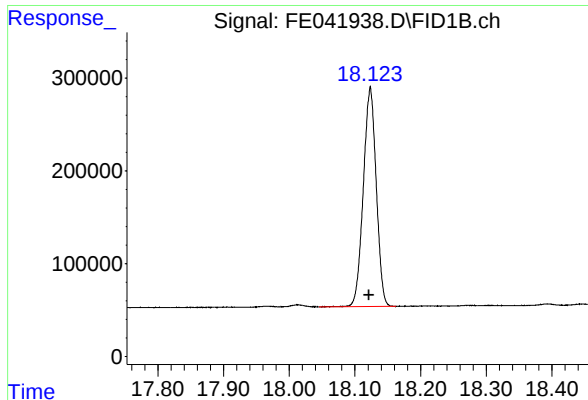
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 2904083
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

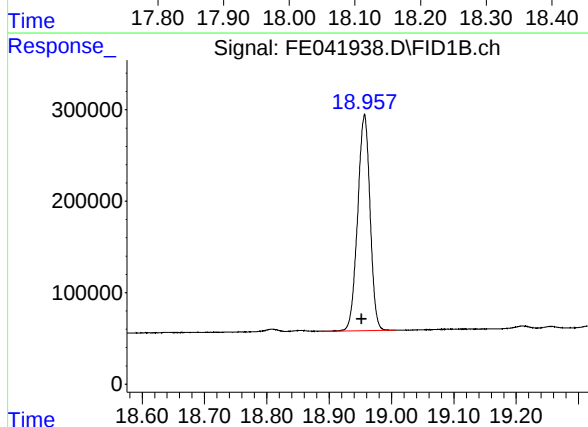
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2937360
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

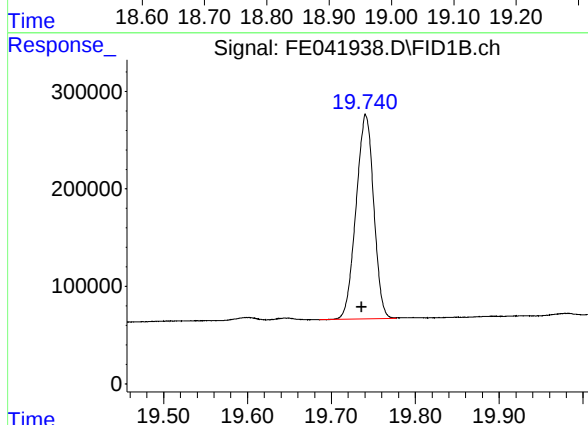
R.T.: 18.123 min
Delta R.T.: 0.002 min
Response: 3230986
Conc: 21.21 ug/ml

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20 PPM ALIPHATIC HC STD



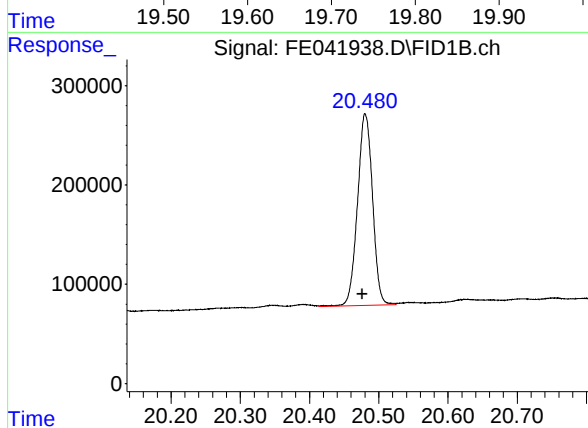
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.005 min
Response: 3268998
Conc: 21.94 ug/ml



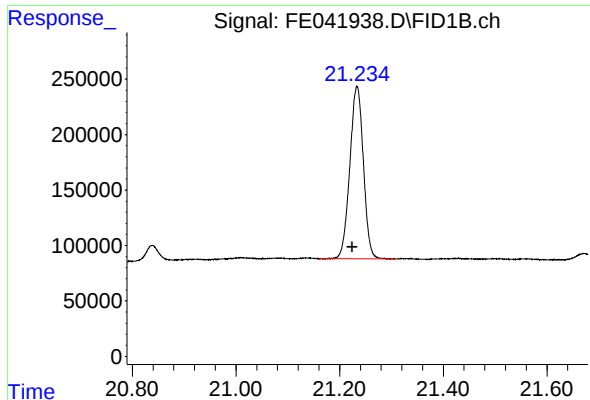
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.005 min
Response: 3070282
Conc: 21.79 ug/ml



#20 n-Hexatriacontane (C36)

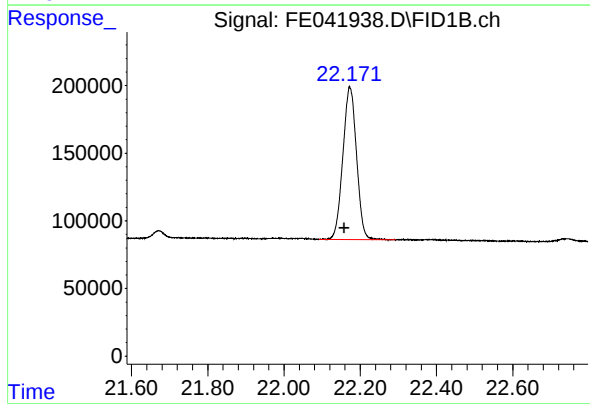
R.T.: 20.480 min
Delta R.T.: 0.004 min
Response: 2917186
Conc: 21.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.009 min
Response: 2823881
Conc: 21.37 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.013 min
Response: 2808519
Conc: 22.18 ug/ml