

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054656.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 13:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 02 02:21:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 2025
 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)	12.073	3257039	20.056 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.510	2488682	19.705 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.419	2755412	20.485 ug/ml
2) T n-Decane (C10)	4.675	2849153	20.881 ug/ml
3) T A~Naphthalene (C11.7)	6.390	3169706	20.934 ug/ml
4) T n-Dodecane (C12)	6.849	2905200	21.174 ug/ml
5) T A~2-methylnaphthalene...	7.490	3087721	21.004 ug/ml
6) T n-Tetradecane (C14)	8.686	2928521	21.125 ug/ml
7) T n-Hexadecane (C16)	10.300	2993334	21.004 ug/ml
8) T n-Octadecane (C18)	11.749	3016598	20.583 ug/ml
10) T n-Eicosane (C20)	13.063	2909727	20.235 ug/ml
11) T n-Heneicosane (C21)	13.677	2815007	19.708 ug/ml
13) T n-Docosane (C22)	14.265	2904334	20.340 ug/ml
14) T n-Tetracosane (C24)	15.371	3033043	20.865 ug/ml
15) T n-Hexacosane (C26)	16.394	3100780	21.427 ug/ml
16) T n-Octacosane (C28)	17.346	3147773	21.599 ug/ml
17) T n-Tricontane (C30)	18.235	3185434	20.214 ug/ml
18) T n-Dotriacontane (C32)	19.068	2977713	18.405 ug/ml
19) T n-Tetratriacontane (C34)	19.854	2605070	17.095 ug/ml
20) T n-Hexatriacontane (C36)	20.594	2322248	17.272 ug/ml
21) T n-Octatriacontane (C38)	21.373	2221236	18.939 ug/ml
22) T n-Tetracontane (C40)	22.358	2248887	20.749 ug/ml

(f)=RT Delta > 1/2 Window

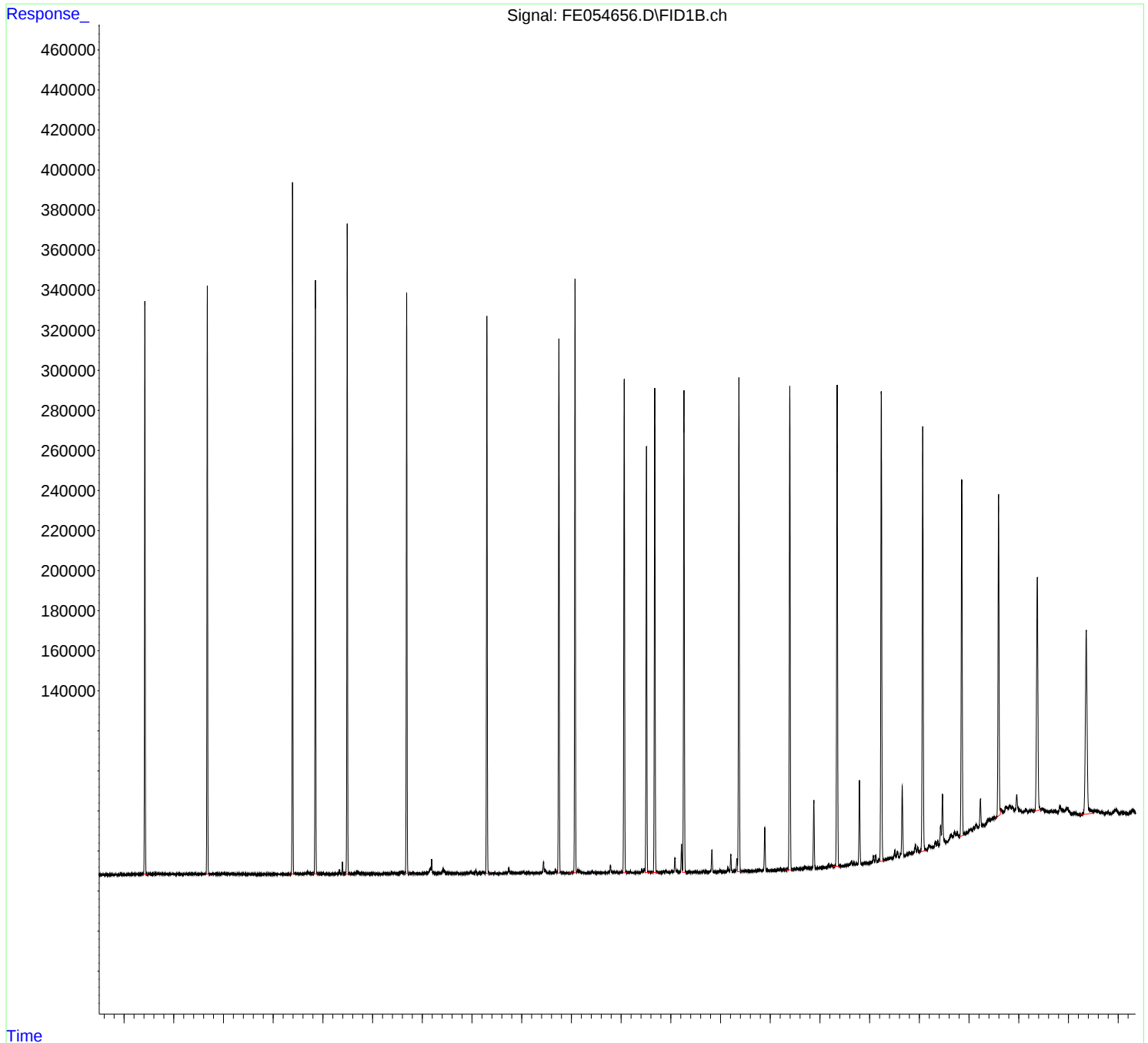
(m)=manual int.

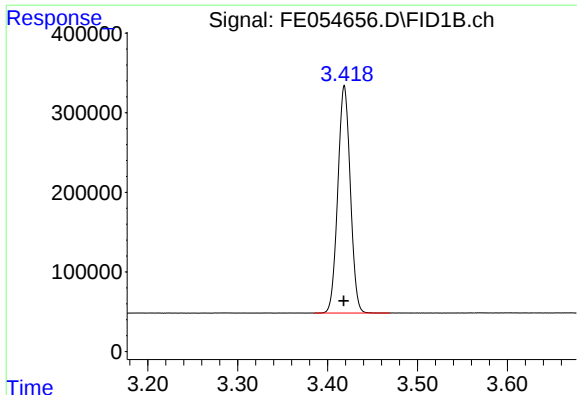
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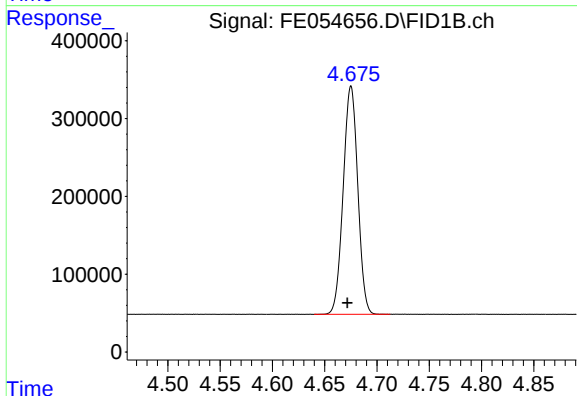




#1 n-Nonane (C9)

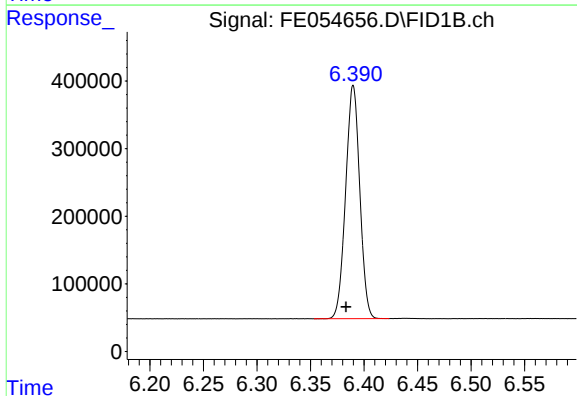
R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 2755412
Conc: 20.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



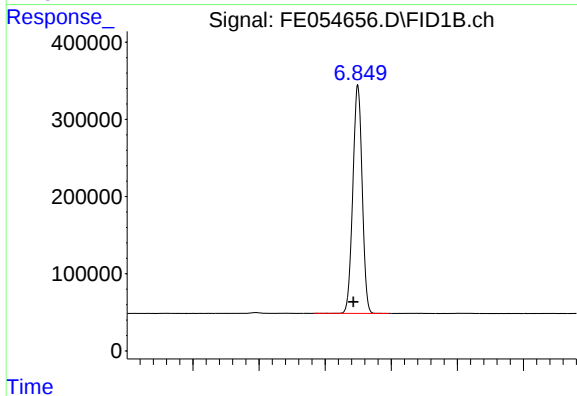
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: 0.003 min
Response: 2849153
Conc: 20.88 ug/ml



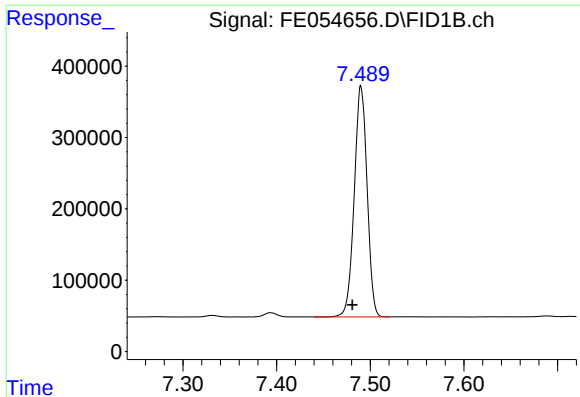
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.007 min
Response: 3169706
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

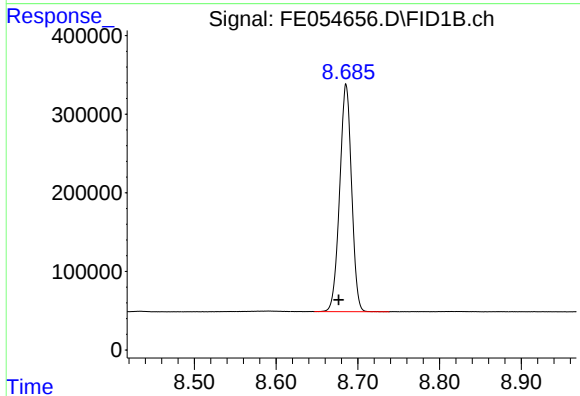
R.T.: 6.849 min
Delta R.T.: 0.007 min
Response: 2905200
Conc: 21.17 ug/ml



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

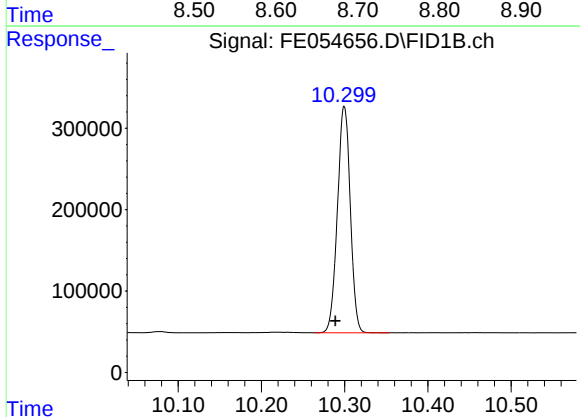
R.T.: 7.490 min
Delta R.T.: 0.009 min
Response: 3087721
Conc: 21.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



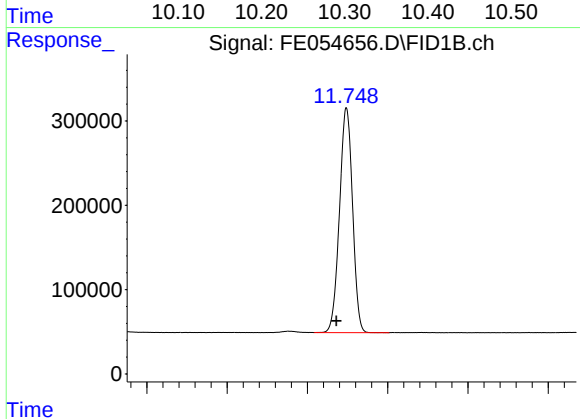
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: 0.009 min
Response: 2928521
Conc: 21.13 ug/ml



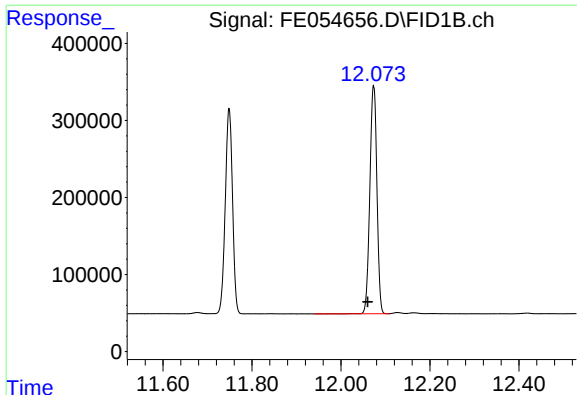
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.011 min
Response: 2993334
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

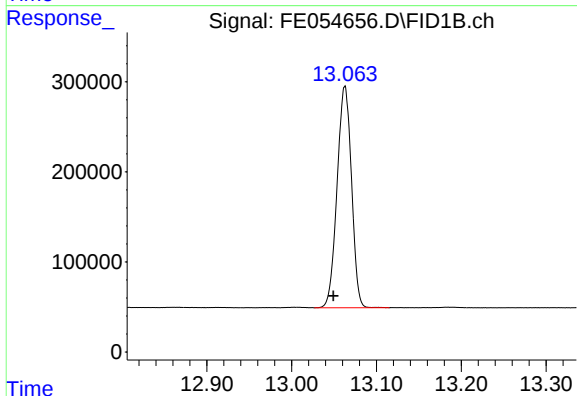
R.T.: 11.749 min
Delta R.T.: 0.013 min
Response: 3016598
Conc: 20.58 ug/ml



#9 ortho-Terphenyl (SURR)

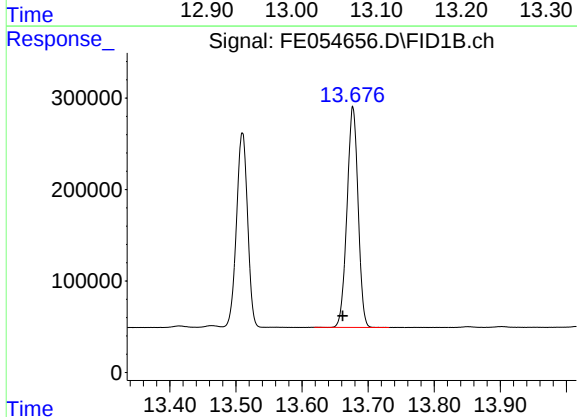
R.T.: 12.073 min
Delta R.T.: 0.014 min
Response: 3257039
Conc: 20.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



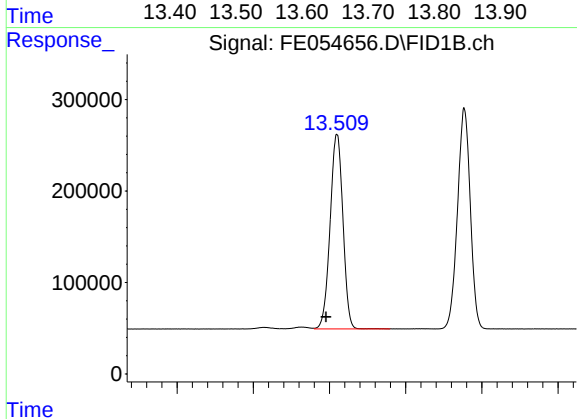
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: 0.014 min
Response: 2909727
Conc: 20.24 ug/ml



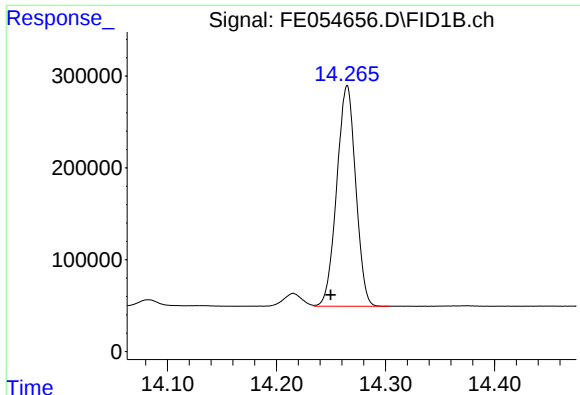
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: 0.015 min
Response: 2815007
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

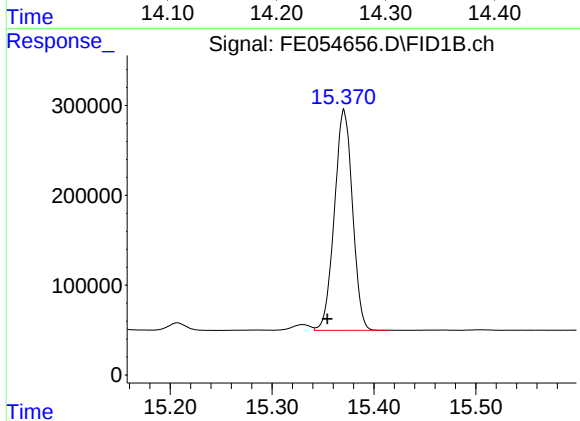
R.T.: 13.510 min
Delta R.T.: 0.014 min
Response: 2488682
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

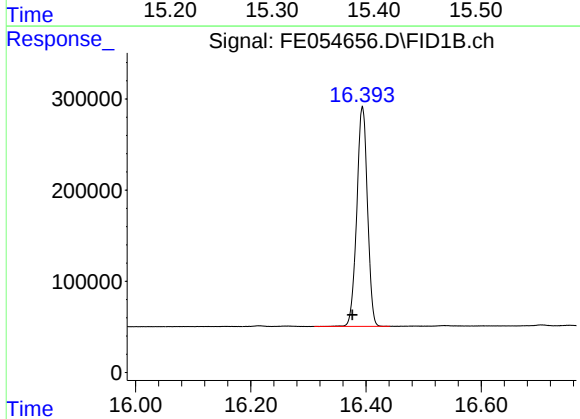
R.T.: 14.265 min
Delta R.T.: 0.015 min
Response: 2904334
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



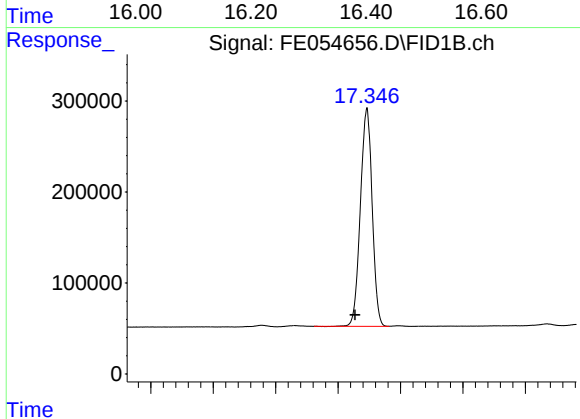
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.016 min
Response: 3033043
Conc: 20.87 ug/ml



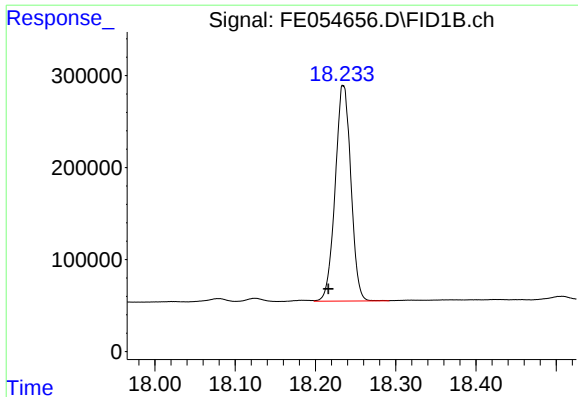
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.017 min
Response: 3100780
Conc: 21.43 ug/ml



#16 n-Octacosane (C28)

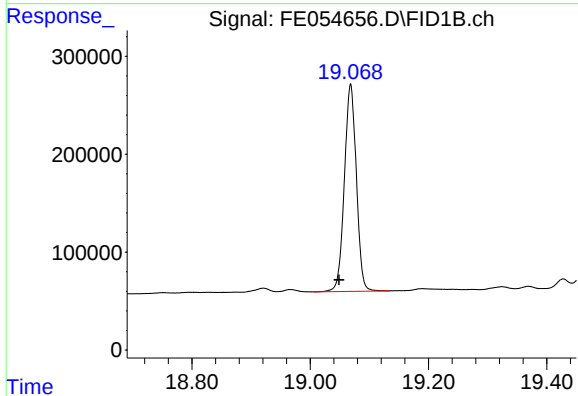
R.T.: 17.346 min
Delta R.T.: 0.019 min
Response: 3147773
Conc: 21.60 ug/ml



#17 n-Tricontane (C30)

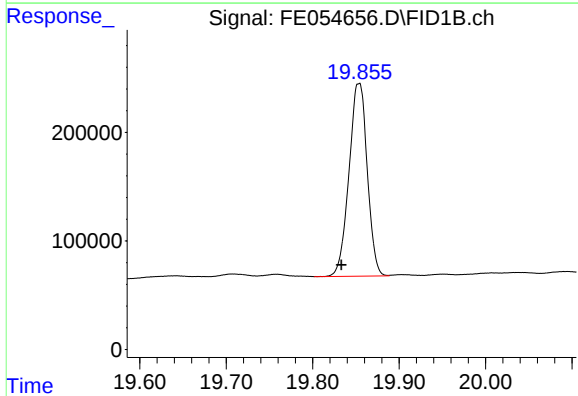
R.T.: 18.235 min
Delta R.T.: 0.019 min
Response: 3185434
Conc: 20.21 ug/ml

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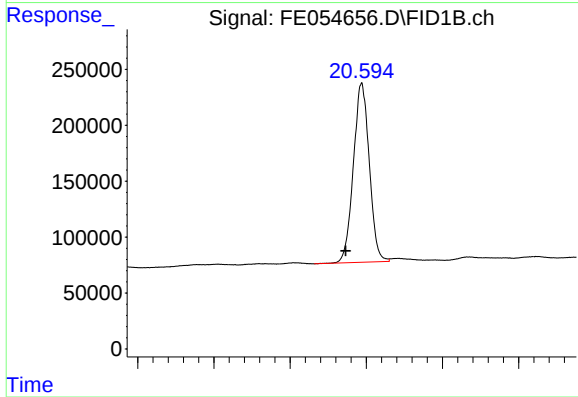
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: 0.019 min
Response: 2977713
Conc: 18.41 ug/ml



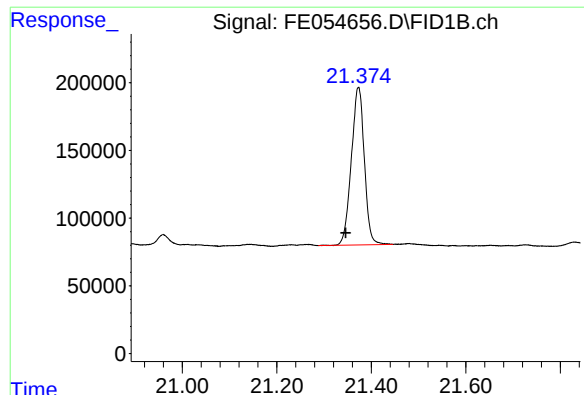
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: 0.020 min
Response: 2605070
Conc: 17.09 ug/ml



#20 n-Hexatriacontane (C36)

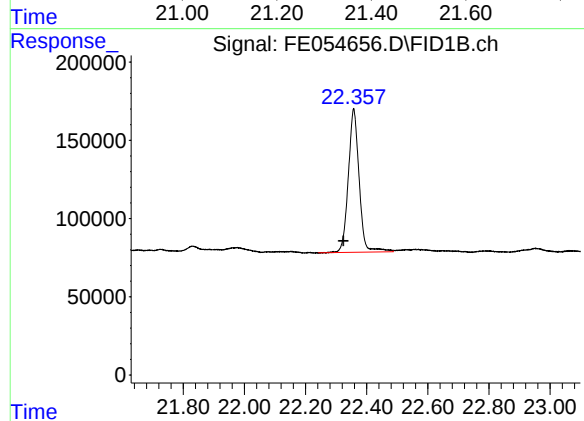
R.T.: 20.594 min
Delta R.T.: 0.021 min
Response: 2322248
Conc: 17.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: 0.027 min
Response: 2221236
Conc: 18.94 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.358 min
Delta R.T.: 0.034 min
Response: 2248887
Conc: 20.75 ug/ml