

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045418.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 11:05
 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: Nov 17 21:33:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 Response via : Initial Calibration
 Integrator: ChemStation

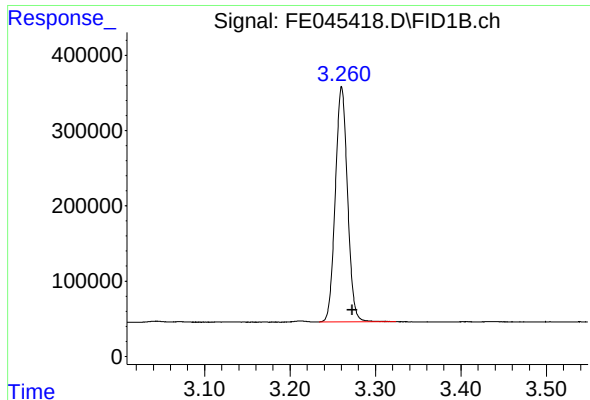
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.871	3565914	18.677 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	13.314	2563006	18.608 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.260	3104459	18.792 ug/ml
2) T n-Decane (C10)	4.511	3155603	18.819 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3327962	18.644 ug/ml
4) T n-Dodecane (C12)	6.677	3155615	18.685 ug/ml
5) T A~2-methylnaphthalene...	7.306	3182458	18.533 ug/ml
6) T n-Tetradecane (C14)	8.503	3095919	18.576 ug/ml
7) T n-Hexadecane (C16)	10.113	3128825	18.601 ug/ml
8) T n-Octadecane (C18)	11.558	3106626	18.561 ug/ml
10) T n-Eicosane (C20)	12.870	2972400	18.764 ug/ml
11) T n-Heneicosane (C21)	13.483	2871266	18.674 ug/ml
13) T n-Docosane (C22)	14.070	2887369	19.057 ug/ml
14) T n-Tetracosane (C24)	15.174	2933179	19.804 ug/ml
15) T n-Hexacosane (C26)	16.197	2986850	20.492 ug/ml
16) T n-Octacosane (C28)	17.149	3109340	21.278 ug/ml
17) T n-Tricontane (C30)	18.038	3323170	21.878 ug/ml
18) T n-Dotriacontane (C32)	18.872	3420052	21.892 ug/ml
19) T n-Tetratriacontane (C34)	19.657	3184721	20.397 ug/ml
20) T n-Hexatriacontane (C36)	20.399	3155455	19.440 ug/ml
21) T n-Octatriacontane (C38)	21.134	3165347	19.052 ug/ml
22) T n-Tetracontane (C40)	22.039	3102134	18.162 ug/ml

(f)=RT Delta > 1/2 Window

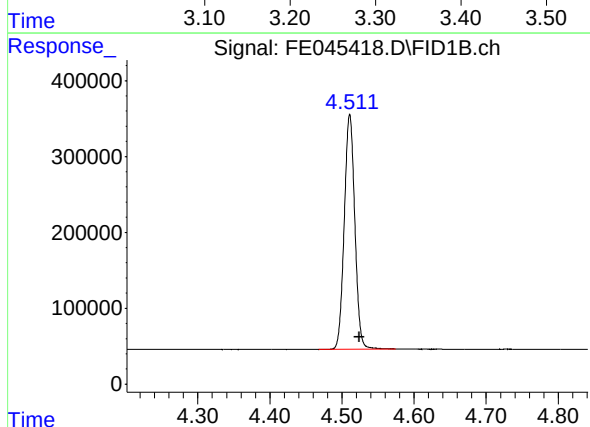
(m)=manual int.



#1 n-Nonane (C9)

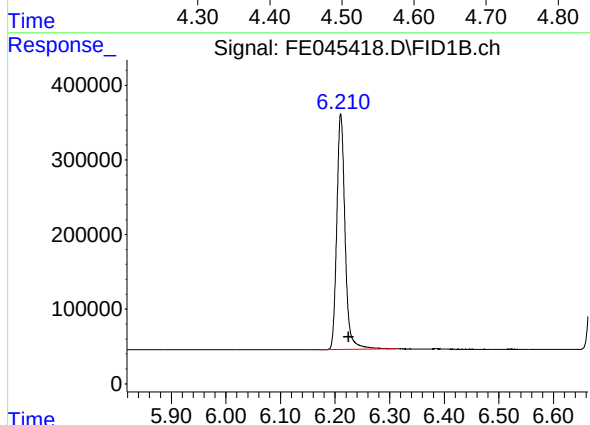
R.T.: 3.260 min
Delta R.T.: -0.013 min
Response: 3104459
Conc: 18.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



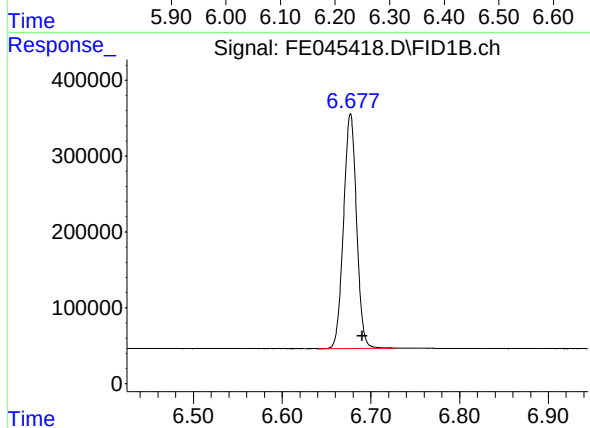
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.013 min
Response: 3155603
Conc: 18.82 ug/ml



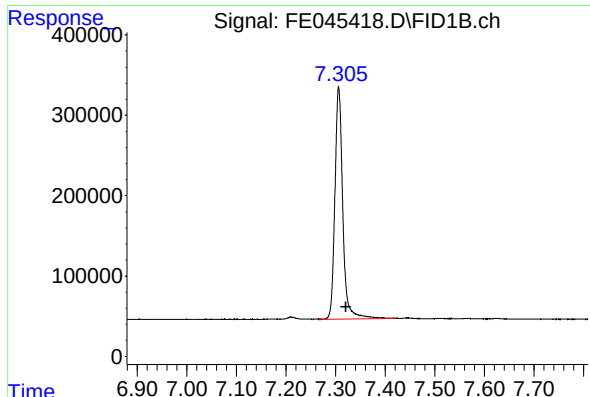
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.014 min
Response: 3327962
Conc: 18.64 ug/ml



#4 n-Dodecane (C12)

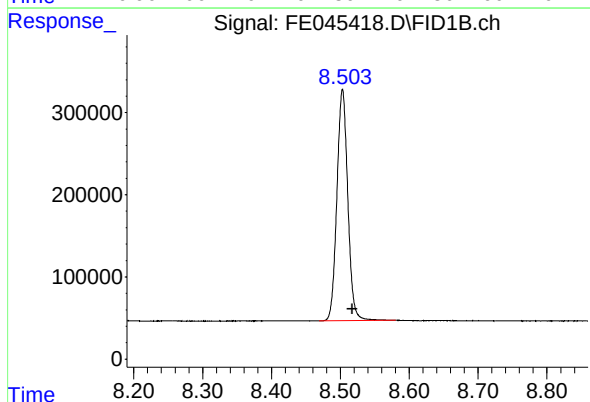
R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 3155615
Conc: 18.68 ug/ml



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

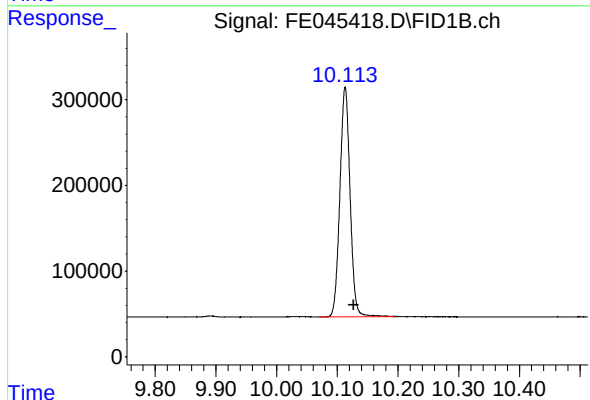
R.T.: 7.306 min
Delta R.T.: -0.015 min
Response: 3182458
Conc: 18.53 ug/ml

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20 PPM ALIPHATIC HC STD



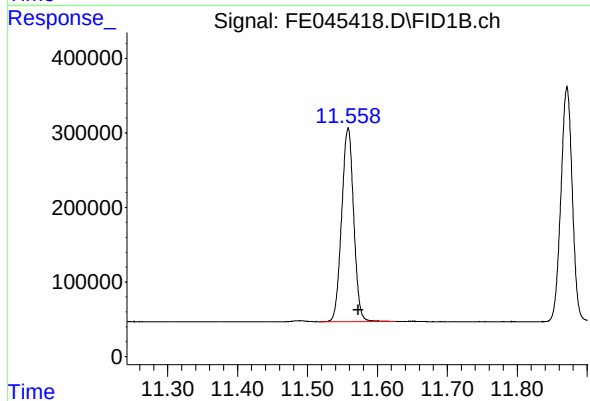
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.014 min
Response: 3095919
Conc: 18.58 ug/ml



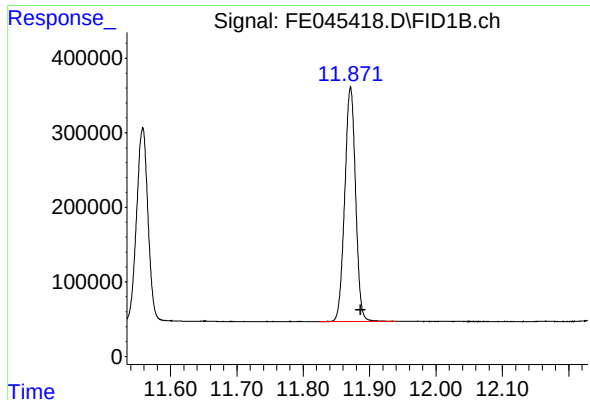
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.014 min
Response: 3128825
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

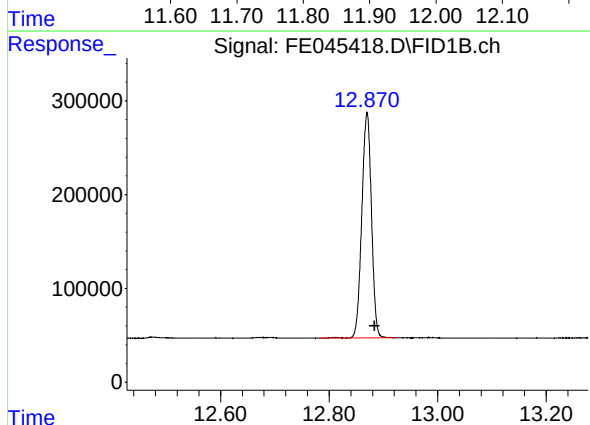
R.T.: 11.558 min
Delta R.T.: -0.015 min
Response: 3106626
Conc: 18.56 ug/ml



#9 ortho-Terphenyl (SURR)

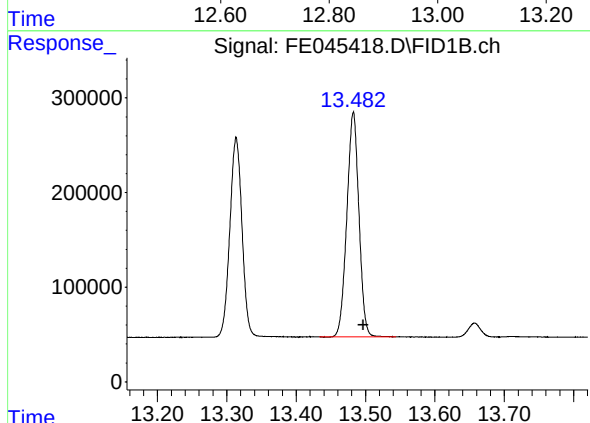
R.T.: 11.871 min
Delta R.T.: -0.015 min
Response: 3565914
Conc: 18.68 ug/ml

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20 PPM ALIPHATIC HC STD



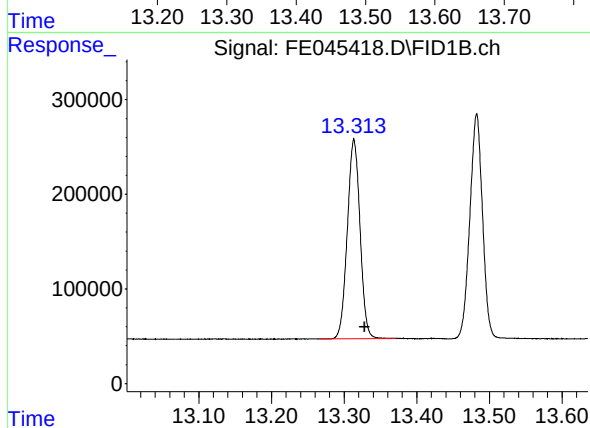
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.014 min
Response: 2972400
Conc: 18.76 ug/ml



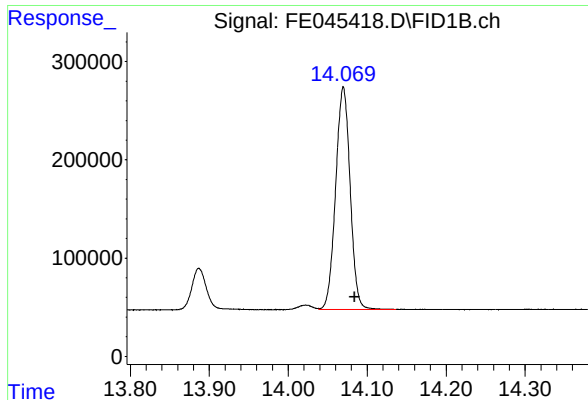
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.014 min
Response: 2871266
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

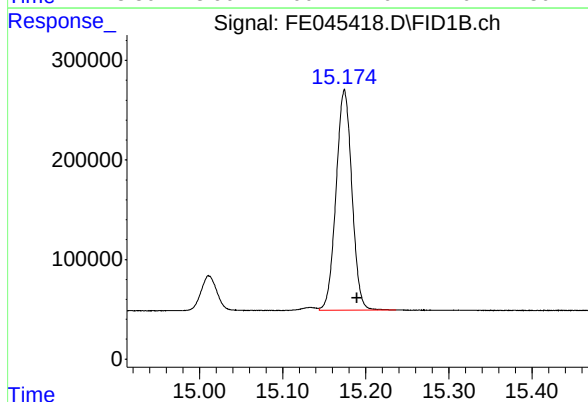
R.T.: 13.314 min
Delta R.T.: -0.015 min
Response: 2563006
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

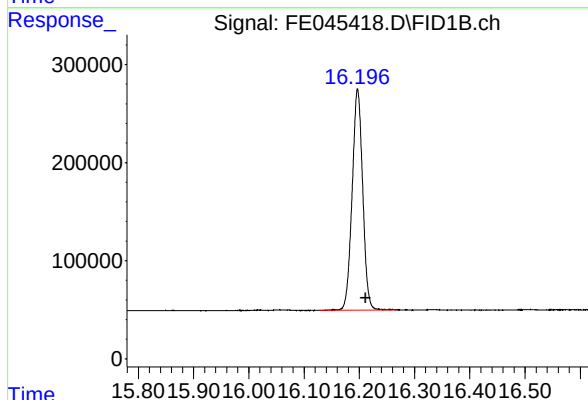
R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 2887369
Conc: 19.06 ug/ml

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20 PPM ALIPHATIC HC STD



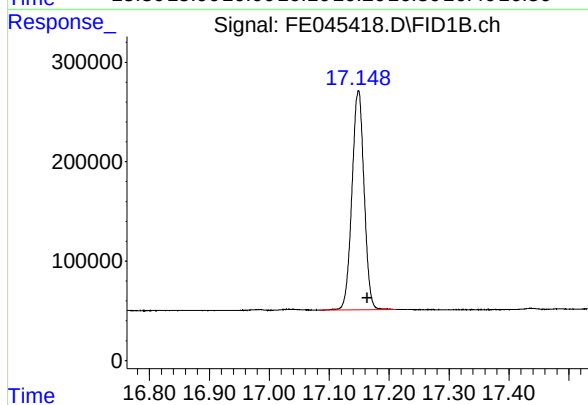
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.015 min
Response: 2933179
Conc: 19.80 ug/ml



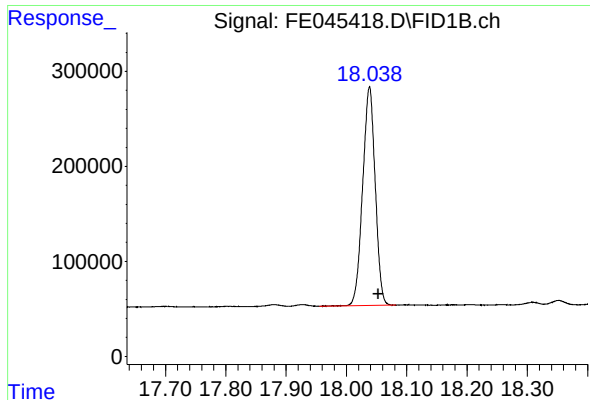
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: -0.015 min
Response: 2986850
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

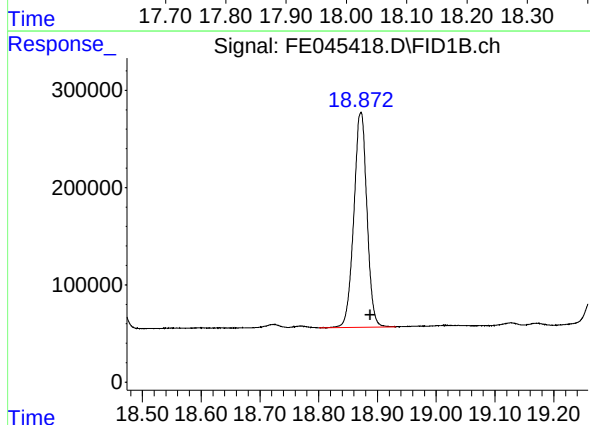
R.T.: 17.149 min
Delta R.T.: -0.015 min
Response: 3109340
Conc: 21.28 ug/ml



#17 n-Tricontane (C30)

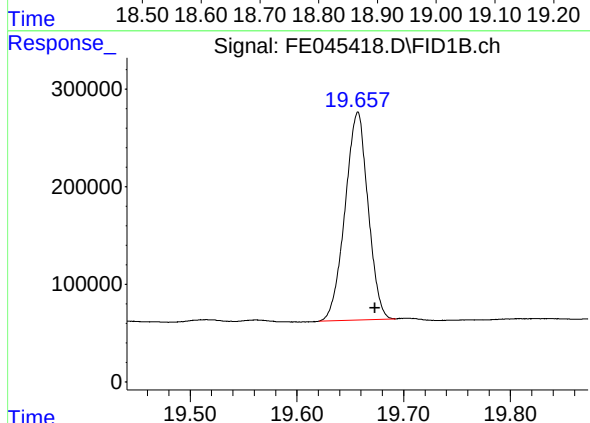
R.T.: 18.038 min
Delta R.T.: -0.014 min
Response: 3323170
Conc: 21.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



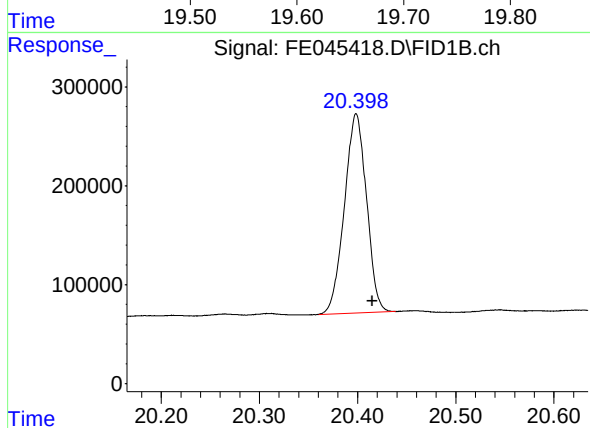
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.016 min
Response: 3420052
Conc: 21.89 ug/ml



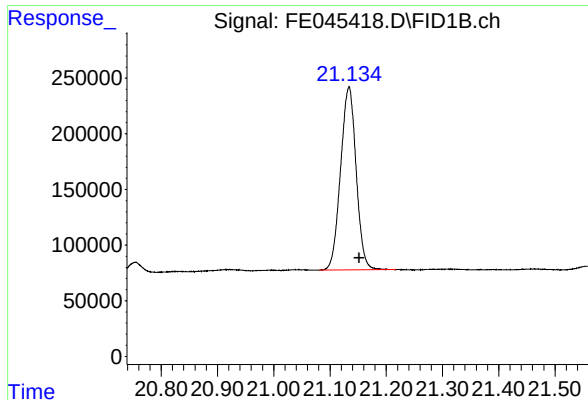
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.016 min
Response: 3184721
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

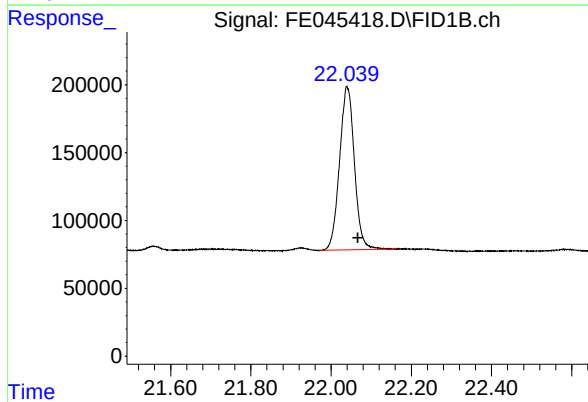
R.T.: 20.399 min
Delta R.T.: -0.016 min
Response: 3155455
Conc: 19.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: -0.018 min
Response: 3165347
Conc: 19.05 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: -0.028 min
Response: 3102134
Conc: 18.16 ug/ml