

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042160.D
 Signal(s) : FID1B.ch
 Acq On : 24 May 2023 00:30
 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 24 02:37:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.958	3941420	22.321 ug/ml
Spiked Amount 50.000		Recovery =	44.64%
12) S 1-chlorooctadecane (S...	13.394	2914115	21.931 ug/ml
Spiked Amount 50.000		Recovery =	43.86%
Target Compounds			
1) T n-Nonane (C9)	3.344	3112010	21.582 ug/ml
2) T n-Decane (C10)	4.594	3178355	21.470 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3547492	21.742 ug/ml
4) T n-Dodecane (C12)	6.761	3234036	21.567 ug/ml
5) T A~2-methylnaphthalene...	7.396	3442580	21.692 ug/ml
6) T n-Tetradecane (C14)	8.589	3234663	21.592 ug/ml
7) T n-Hexadecane (C16)	10.196	3390746	21.768 ug/ml
8) T n-Octadecane (C18)	11.639	3464610	21.909 ug/ml
10) T n-Eicosane (C20)	12.949	3347210	22.082 ug/ml
11) T n-Heneicosane (C21)	13.561	3279897	22.139 ug/ml
13) T n-Docosane (C22)	14.147	3248992	22.163 ug/ml
14) T n-Tetracosane (C24)	15.250	3199888	22.167 ug/ml
15) T n-Hexacosane (C26)	16.269	3090877	22.317 ug/ml
16) T n-Octacosane (C28)	17.219	2973929	22.213 ug/ml
17) T n-Tricontane (C30)	18.106	3006636	22.273 ug/ml
18) T n-Dotriacontane (C32)	18.937	2919313	21.853 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2751917	20.925 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2593681	19.956 ug/ml
21) T n-Octatriacontane (C38)	21.208	2549456	18.791 ug/ml
22) T n-Tetracontane (C40)	22.139	2525190	18.151 ug/ml

(f)=RT Delta > 1/2 Window

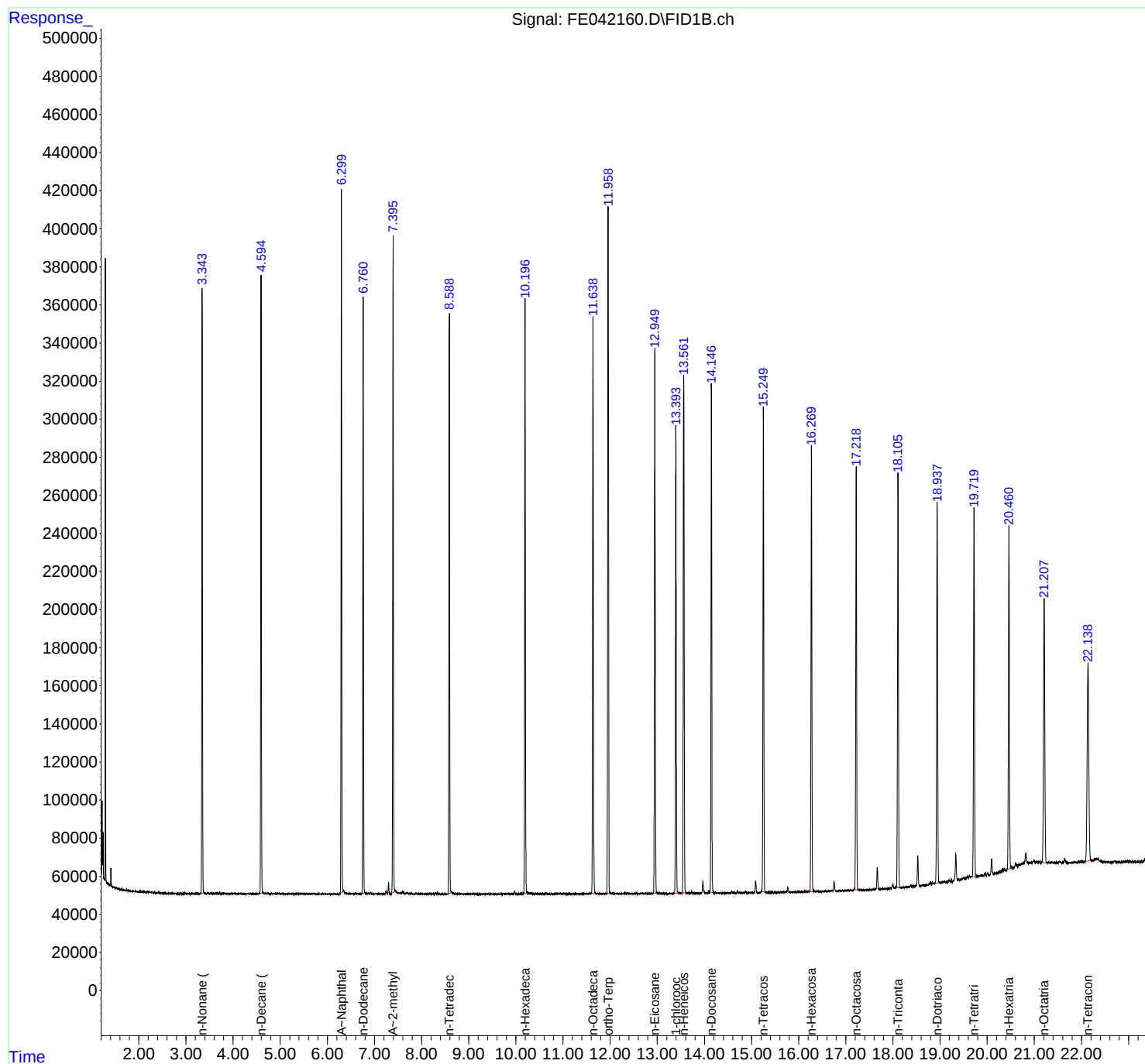
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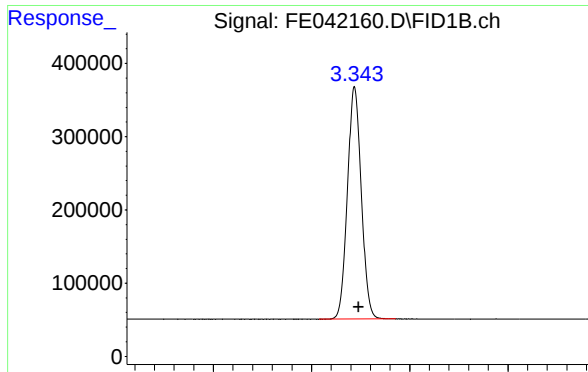
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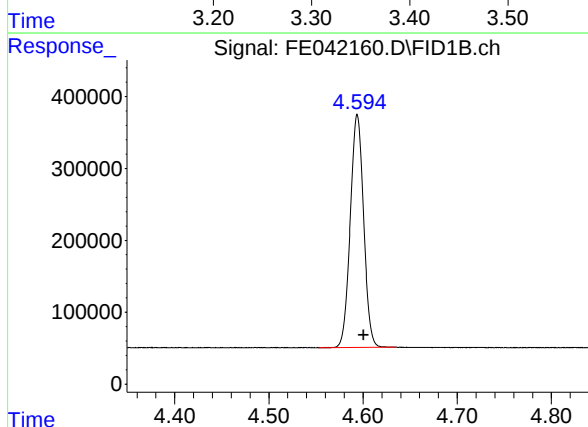




#1 n-Nonane (C9)

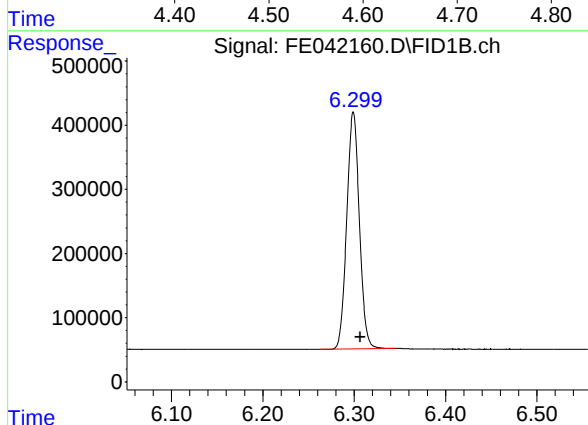
R.T.: 3.344 min
Delta R.T.: -0.004 min
Response: 3112010
Conc: 21.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



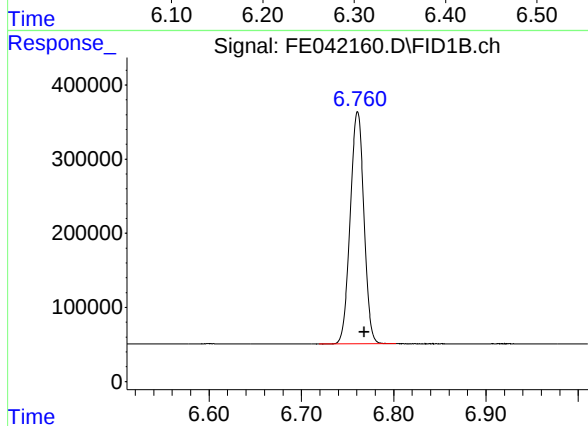
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: -0.007 min
Response: 3178355
Conc: 21.47 ug/ml



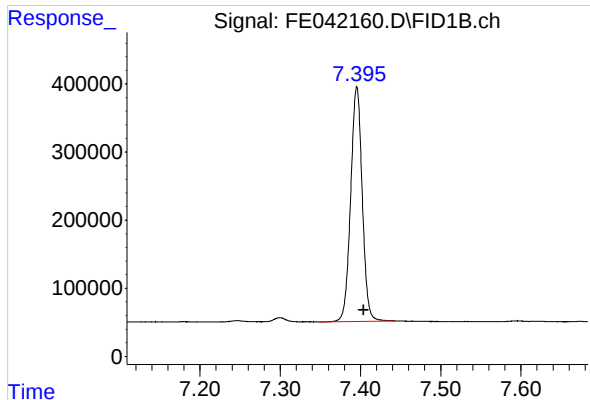
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.008 min
Response: 3547492
Conc: 21.74 ug/ml



#4 n-Dodecane (C12)

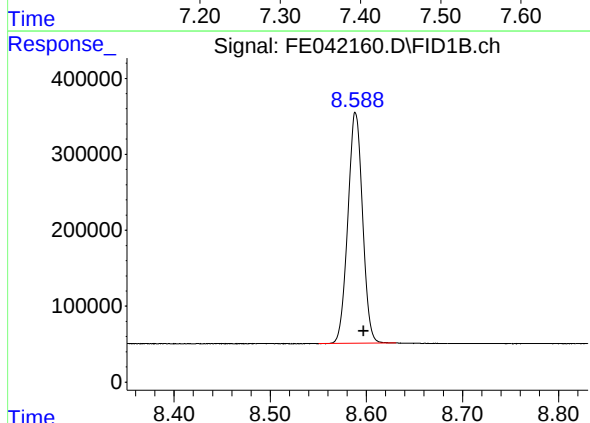
R.T.: 6.761 min
Delta R.T.: -0.007 min
Response: 3234036
Conc: 21.57 ug/ml



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

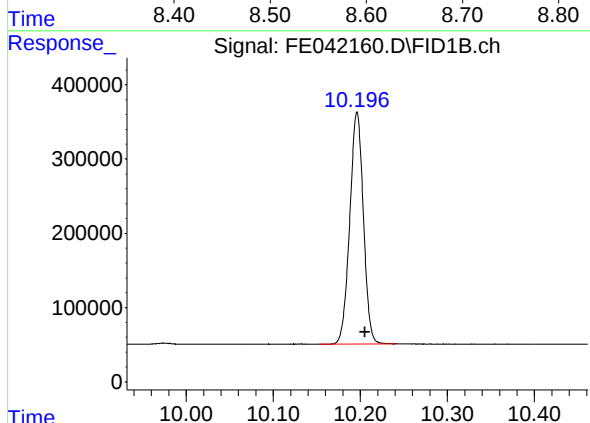
R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 3442580
Conc: 21.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



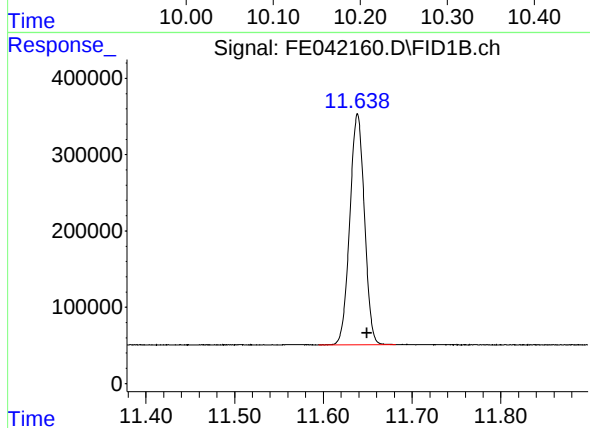
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.008 min
Response: 3234663
Conc: 21.59 ug/ml



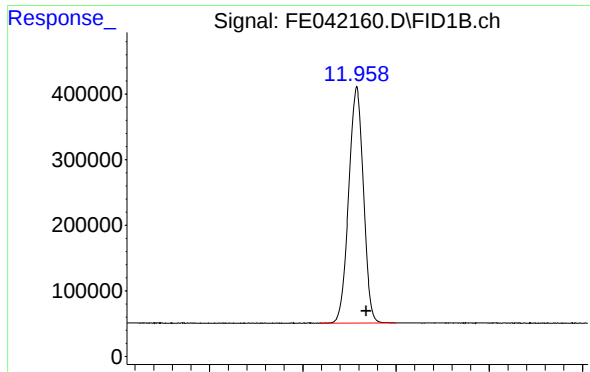
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 3390746
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

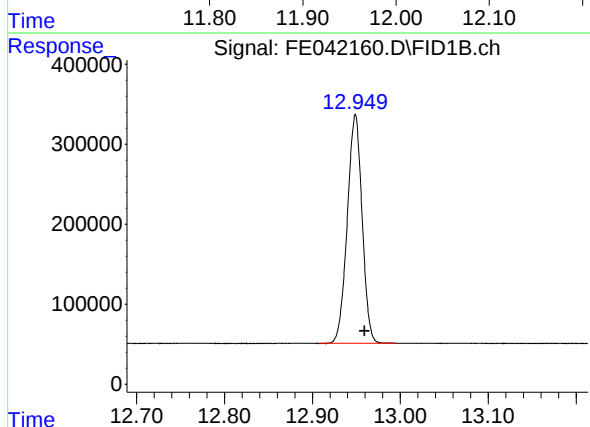
R.T.: 11.639 min
Delta R.T.: -0.011 min
Response: 3464610
Conc: 21.91 ug/ml



#9 ortho-Terphenyl (SURR)

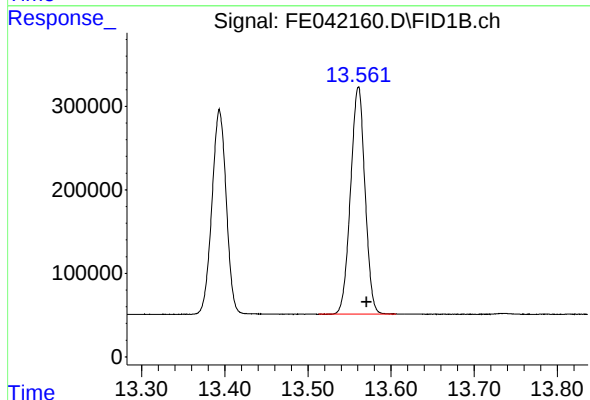
R.T.: 11.958 min
Delta R.T.: -0.010 min
Response: 3941420
Conc: 22.32 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



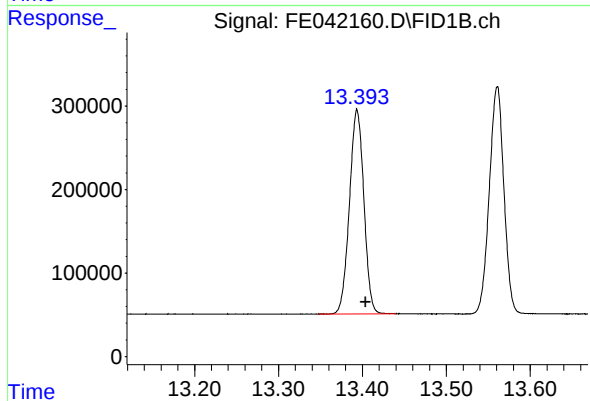
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.010 min
Response: 3347210
Conc: 22.08 ug/ml



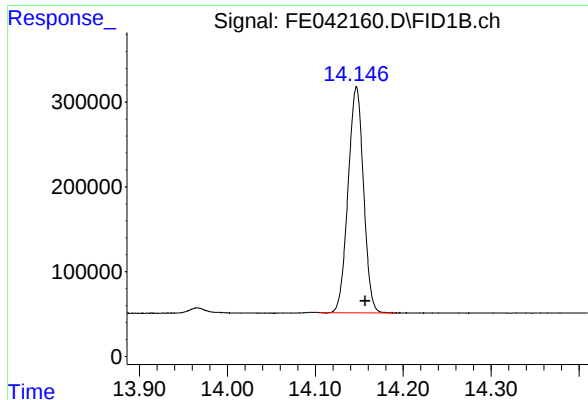
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 3279897
Conc: 22.14 ug/ml



#12 1-chlorooctadecane (SURR)

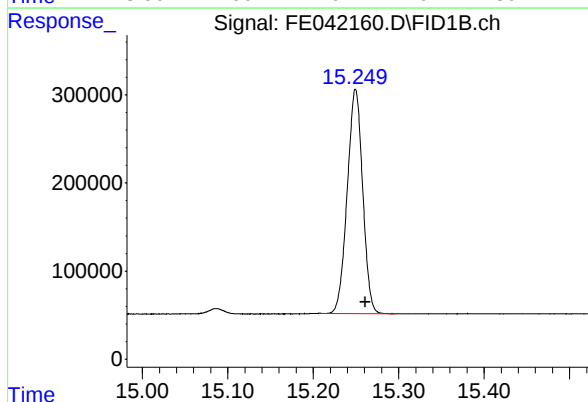
R.T.: 13.394 min
Delta R.T.: -0.010 min
Response: 2914115
Conc: 21.93 ug/ml



#13 n-Docosane (C22)

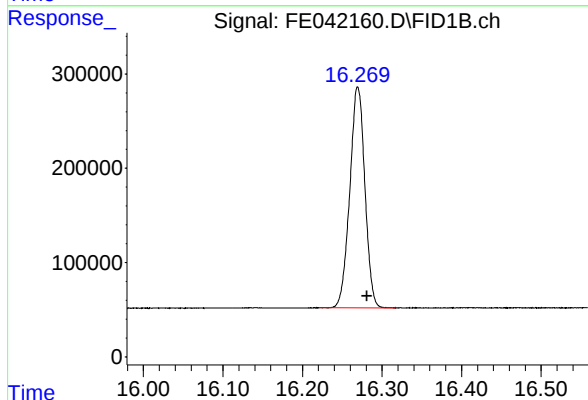
R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 3248992
Conc: 22.16 ug/ml

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20 PPM ALIPHATIC HC STD



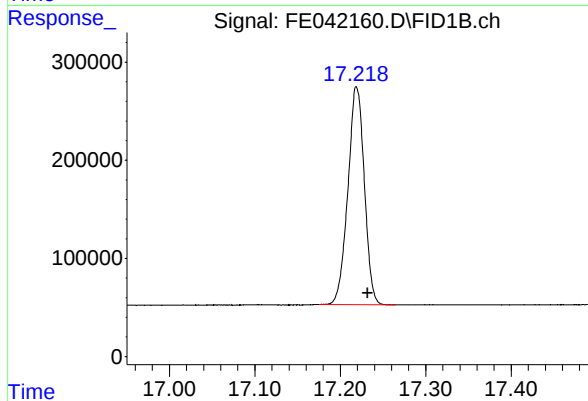
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.011 min
Response: 3199888
Conc: 22.17 ug/ml



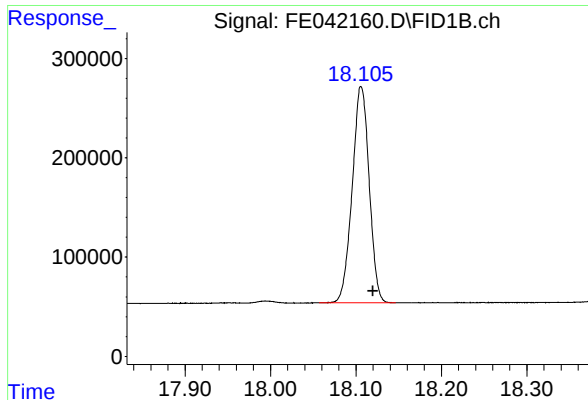
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.012 min
Response: 3090877
Conc: 22.32 ug/ml



#16 n-Octacosane (C28)

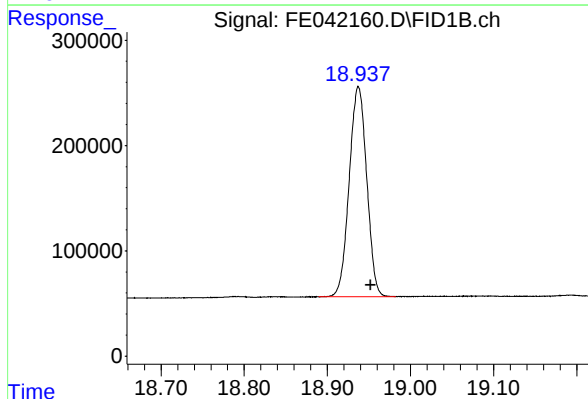
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 2973929
Conc: 22.21 ug/ml



#17 n-Tricontane (C30)

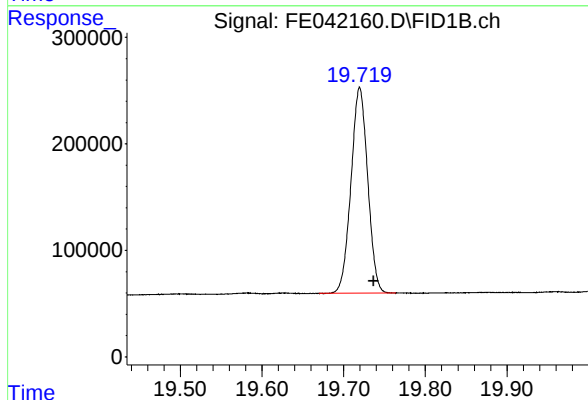
R.T.: 18.106 min
Delta R.T.: -0.014 min
Response: 3006636
Conc: 22.27 ug/ml

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20 PPM ALIPHATIC HC STD



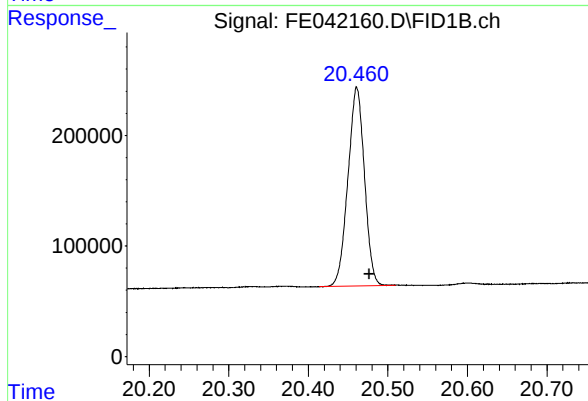
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.014 min
Response: 2919313
Conc: 21.85 ug/ml



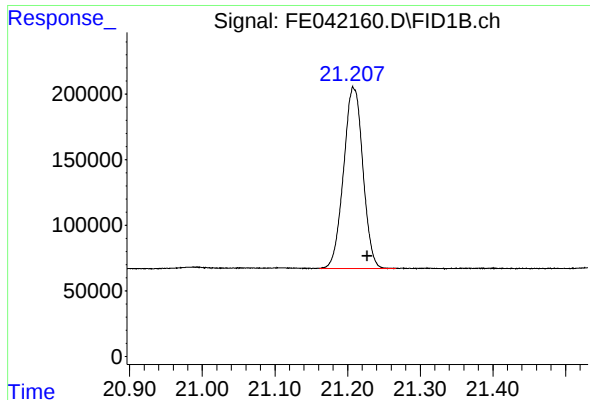
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.017 min
Response: 2751917
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

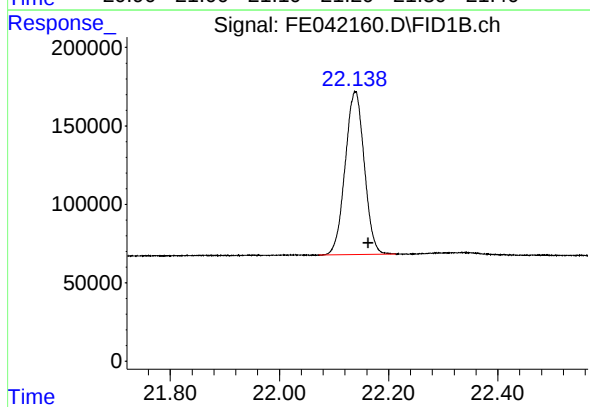
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 2593681
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 2549456
Conc: 18.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.024 min
Response: 2525190
Conc: 18.15 ug/ml