

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100523AL\
 Data File : FE044614.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2023 12:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 05 12:25:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.923	3958082	21.083 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	13.365	2935005	21.574 ug/ml
Spiked Amount 50.000		Recovery =	43.15%
Target Compounds			
1) T n-Nonane (C9)	3.304	3289953	20.264 ug/ml
2) T n-Decane (C10)	4.556	3376176	20.389 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3667415	20.513 ug/ml
4) T n-Dodecane (C12)	6.721	3429332	20.617 ug/ml
5) T A~2-methylnaphthalene...	7.353	3576038	20.902 ug/ml
6) T n-Tetradecane (C14)	8.549	3405170	20.742 ug/ml
7) T n-Hexadecane (C16)	10.161	3457582	20.410 ug/ml
8) T n-Octadecane (C18)	11.607	3451555	20.329 ug/ml
10) T n-Eicosane (C20)	12.920	3314435	20.601 ug/ml
11) T n-Heneicosane (C21)	13.533	3232101	20.641 ug/ml
13) T n-Docosane (C22)	14.121	3180977	20.625 ug/ml
14) T n-Tetracosane (C24)	15.226	3101661	20.518 ug/ml
15) T n-Hexacosane (C26)	16.251	3027864	20.584 ug/ml
16) T n-Octacosane (C28)	17.202	3000583	20.921 ug/ml
17) T n-Tricontane (C30)	18.093	3128203	21.103 ug/ml
18) T n-Dotriacontane (C32)	18.928	3175432	21.450 ug/ml
19) T n-Tetratriacontane (C34)	19.714	3120312	21.351 ug/ml
20) T n-Hexatriacontane (C36)	20.459	3109642	21.438 ug/ml
21) T n-Octatriacontane (C38)	21.204	3164915	21.129 ug/ml
22) T n-Tetracontane (C40)	22.133	3443397	21.820 ug/ml

(f)=RT Delta > 1/2 Window

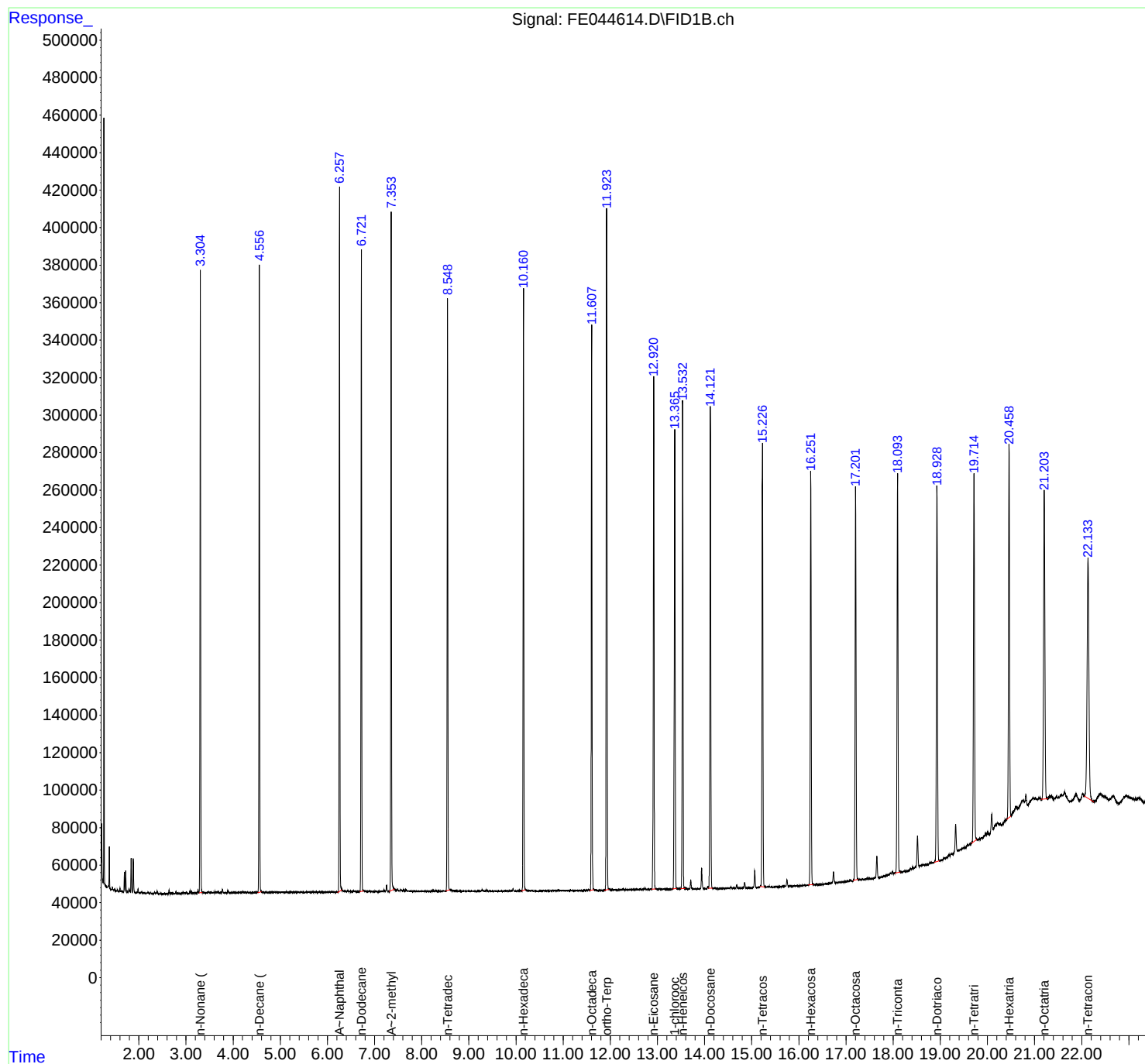
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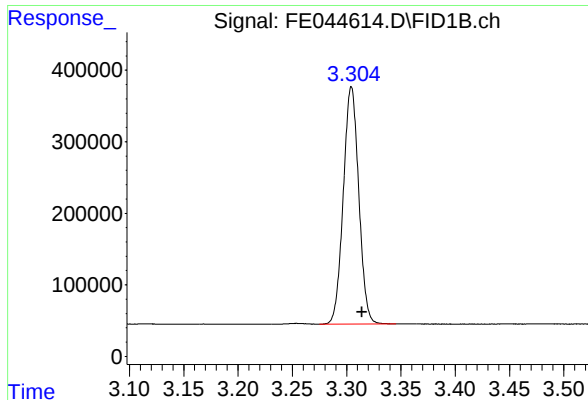
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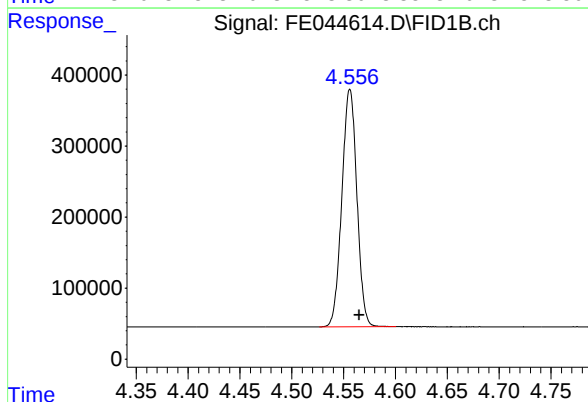




#1 n-Nonane (C9)

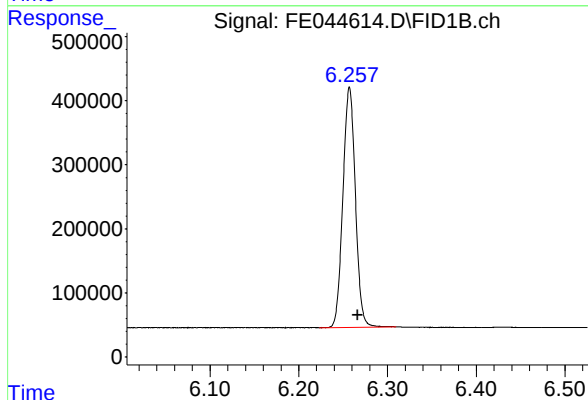
R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3289953
Conc: 20.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



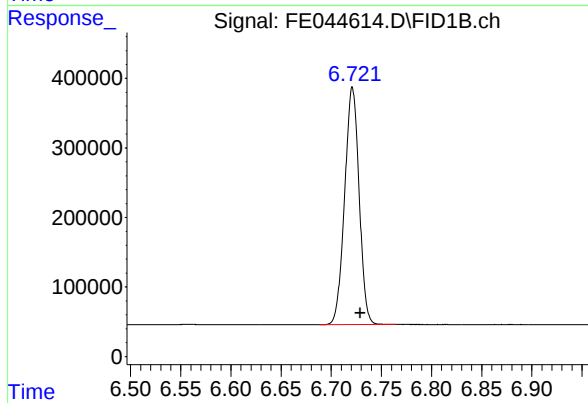
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.009 min
Response: 3376176
Conc: 20.39 ug/ml



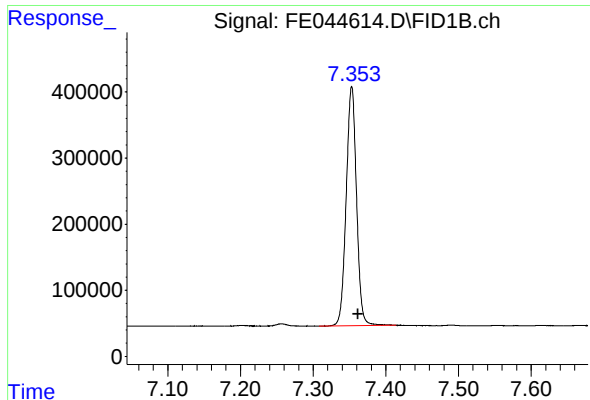
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.009 min
Response: 3667415
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

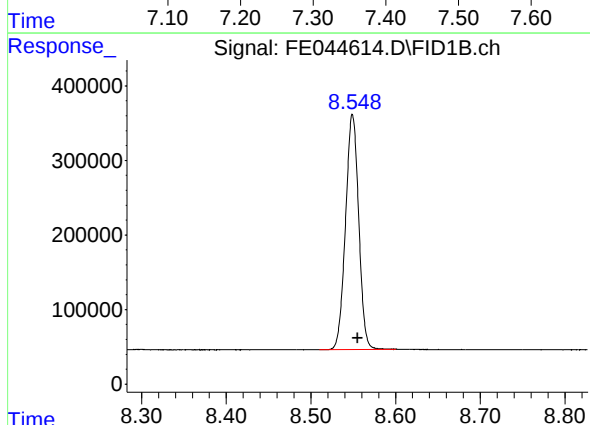
R.T.: 6.721 min
Delta R.T.: -0.008 min
Response: 3429332
Conc: 20.62 ug/ml



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

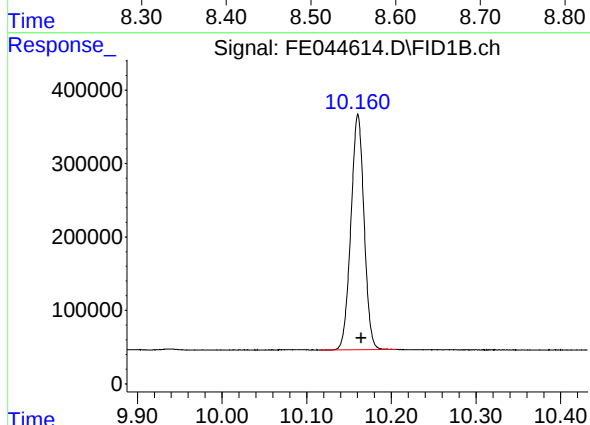
R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 3576038
Conc: 20.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



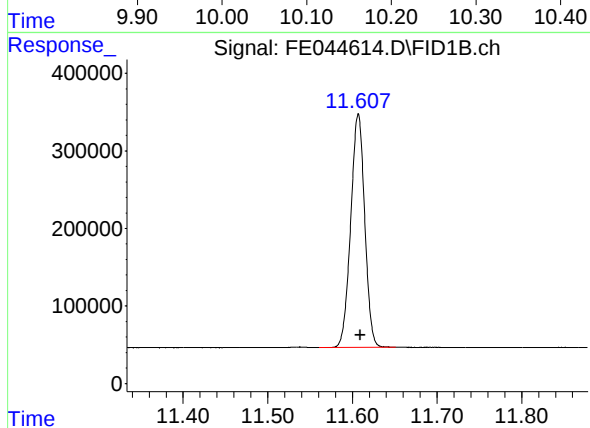
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.006 min
Response: 3405170
Conc: 20.74 ug/ml



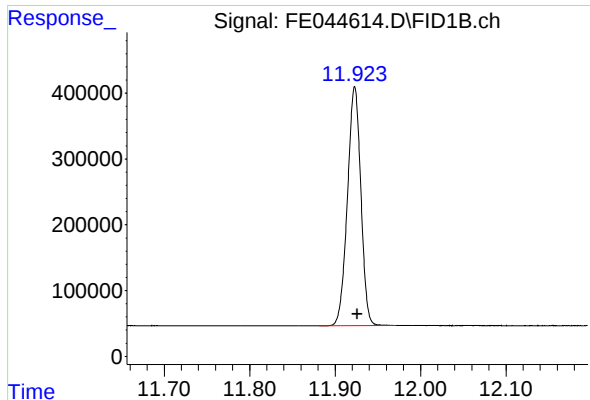
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 3457582
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

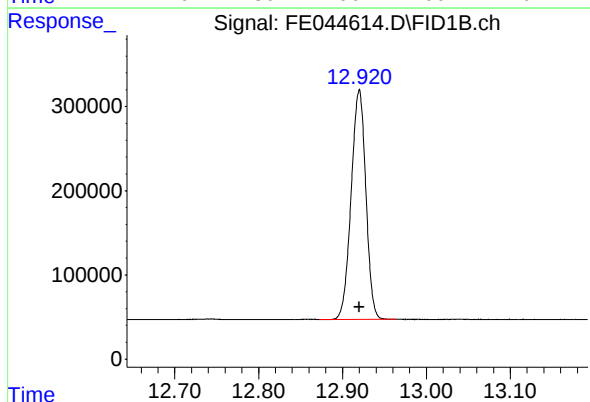
R.T.: 11.607 min
Delta R.T.: -0.002 min
Response: 3451555
Conc: 20.33 ug/ml



#9 ortho-Terphenyl (SURR)

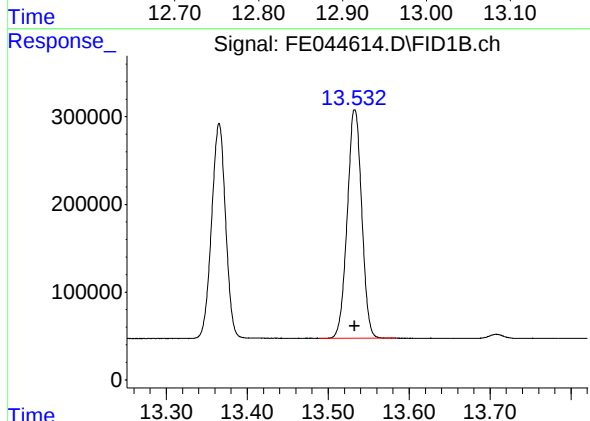
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 3958082
Conc: 21.08 ug/ml

Instrument :
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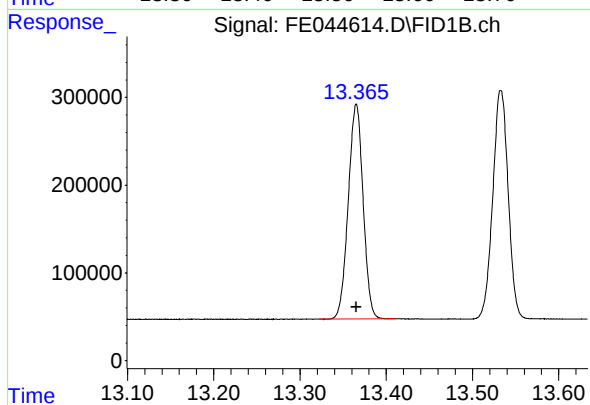
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 3314435
Conc: 20.60 ug/ml



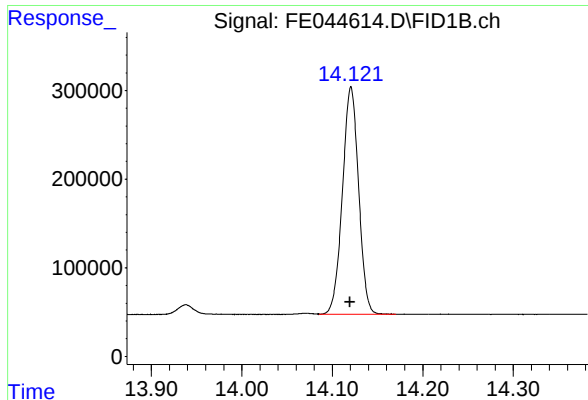
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.000 min
Response: 3232101
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

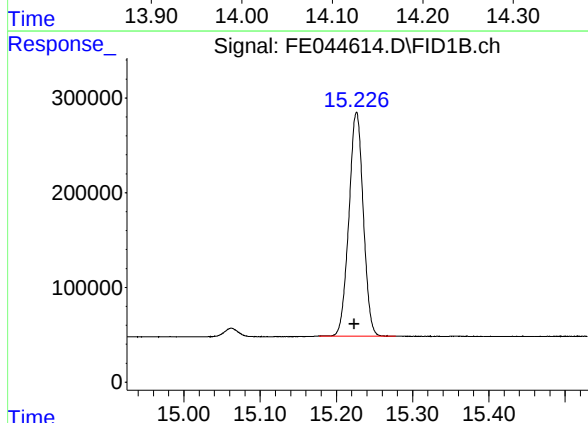
R.T.: 13.365 min
Delta R.T.: 0.000 min
Response: 2935005
Conc: 21.57 ug/ml



#13 n-Docosane (C22)

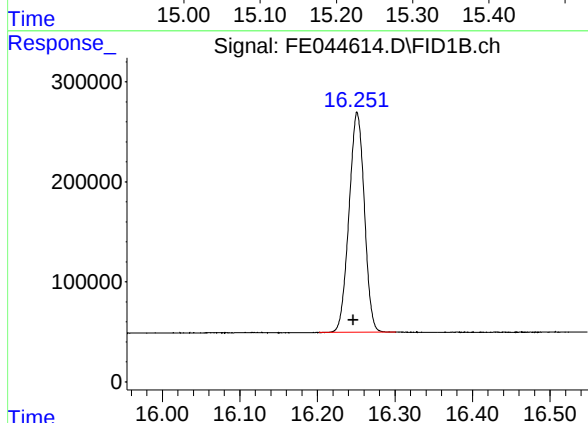
R.T.: 14.121 min
Delta R.T.: 0.000 min
Response: 3180977
Conc: 20.62 ug/ml

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20 PPM ALIPHATIC HC STD



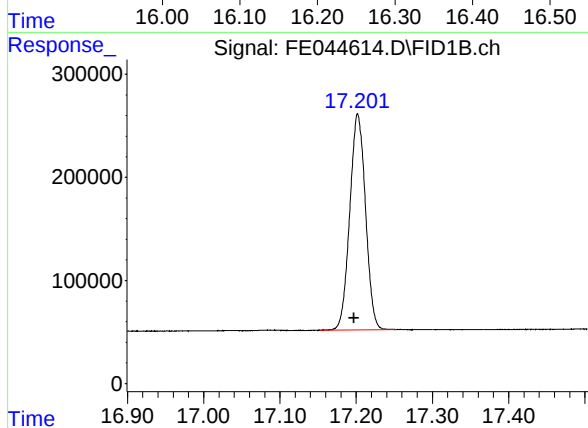
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.003 min
Response: 3101661
Conc: 20.52 ug/ml



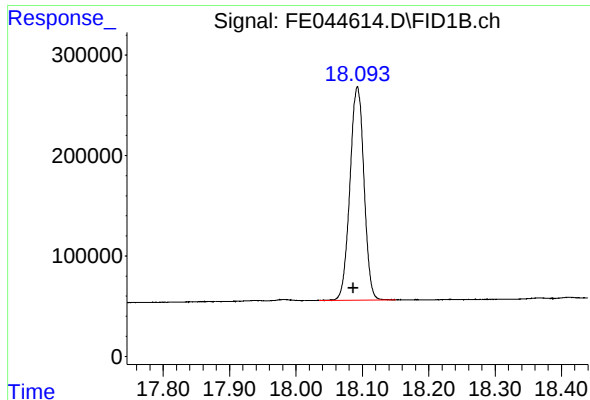
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.005 min
Response: 3027864
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

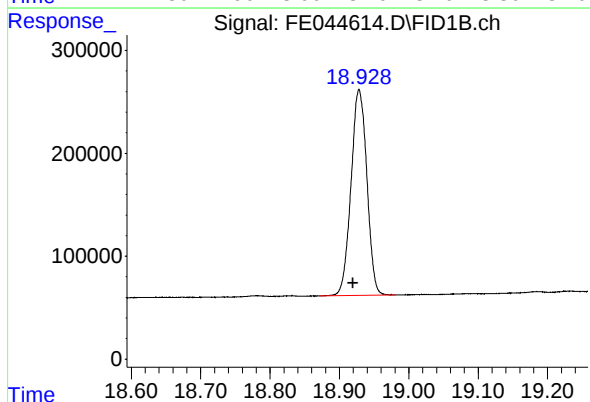
R.T.: 17.202 min
Delta R.T.: 0.005 min
Response: 3000583
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

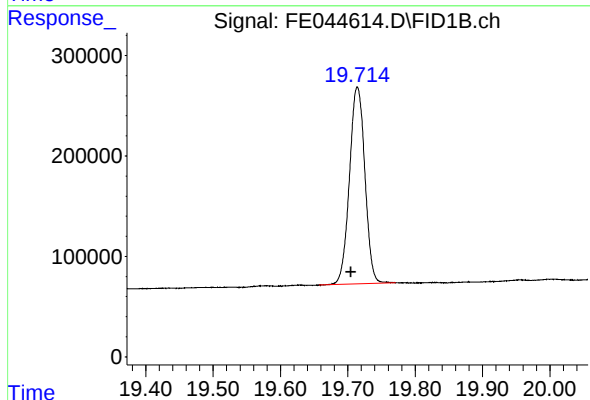
R.T.: 18.093 min
Delta R.T.: 0.006 min
Response: 3128203
Conc: 21.10 ug/ml

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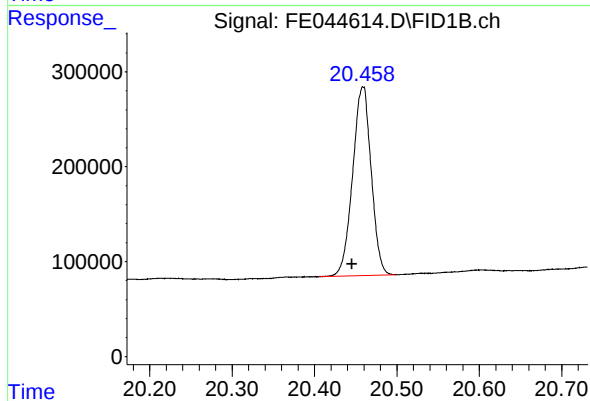
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.009 min
Response: 3175432
Conc: 21.45 ug/ml



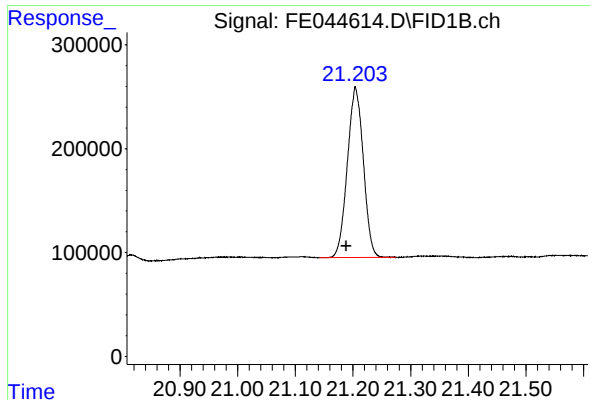
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.009 min
Response: 3120312
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

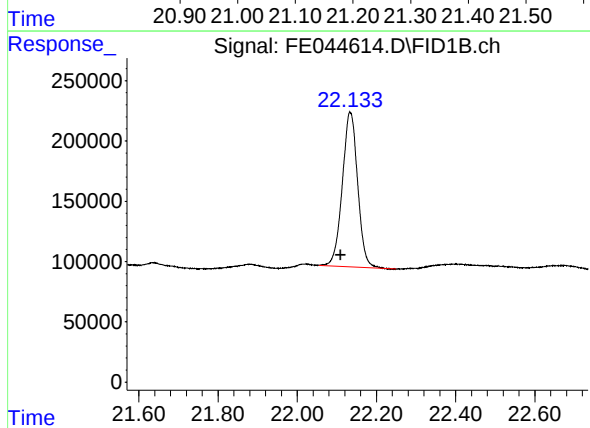
R.T.: 20.459 min
Delta R.T.: 0.014 min
Response: 3109642
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: 0.016 min
Response: 3164915
Conc: 21.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: 0.024 min
Response: 3443397
Conc: 21.82 ug/ml