

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062223AL\
 Data File : FE042801.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jun 2023 15:38
 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: Jun 23 02:26:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.925	3648642	19.862 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
12) S 1-chlorooctadecane (S...	13.361	2710011	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.304	3062135	19.823 ug/ml
2) T n-Decane (C10)	4.555	3128054	19.803 ug/ml
3) T A~Naphthalene (C11.7)	6.264	3396369	20.058 ug/ml
4) T n-Dodecane (C12)	6.724	3173052	19.823 ug/ml
5) T A~2-methylnaphthalene...	7.362	3257483	20.091 ug/ml
6) T n-Tetradecane (C14)	8.554	3151364	19.801 ug/ml
7) T n-Hexadecane (C16)	10.162	3262320	19.808 ug/ml
8) T n-Octadecane (C18)	11.605	3292249	19.807 ug/ml
10) T n-Eicosane (C20)	12.915	3147587	19.836 ug/ml
11) T n-Heneicosane (C21)	13.527	3070032	19.843 ug/ml
13) T n-Docosane (C22)	14.114	3024541	19.855 ug/ml
14) T n-Tetracosane (C24)	15.217	2952030	19.896 ug/ml
15) T n-Hexacosane (C26)	16.238	2847589	19.919 ug/ml
16) T n-Octacosane (C28)	17.188	2776500	20.019 ug/ml
17) T n-Tricontane (C30)	18.075	2885532	20.403 ug/ml
18) T n-Dotriacontane (C32)	18.907	2897508	20.658 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2804552	20.494 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2716345	20.311 ug/ml
21) T n-Octatriacontane (C38)	21.175	2691874	19.744 ug/ml
22) T n-Tetracontane (C40)	22.099	2719435	19.546 ug/ml

(f)=RT Delta > 1/2 Window

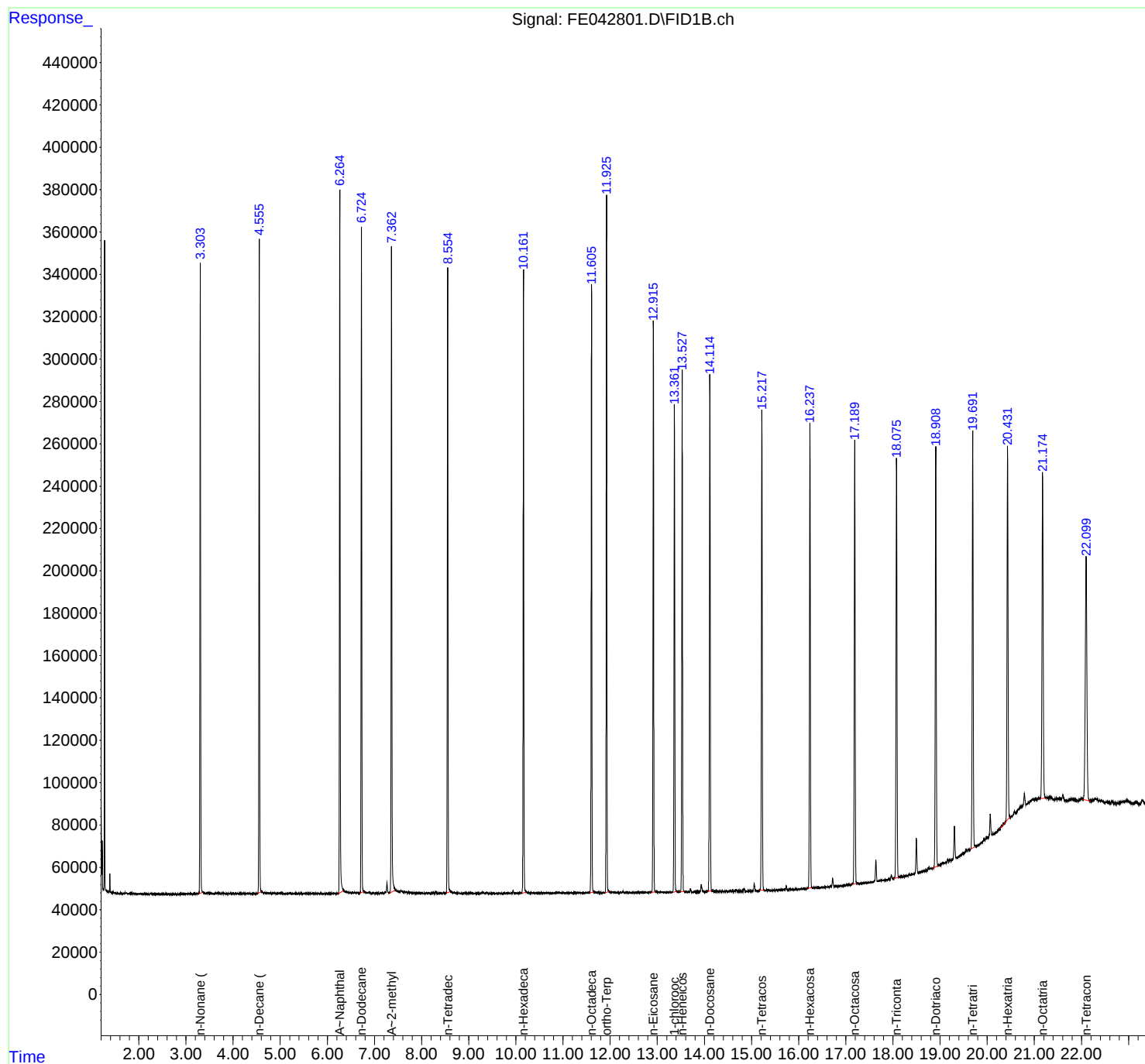
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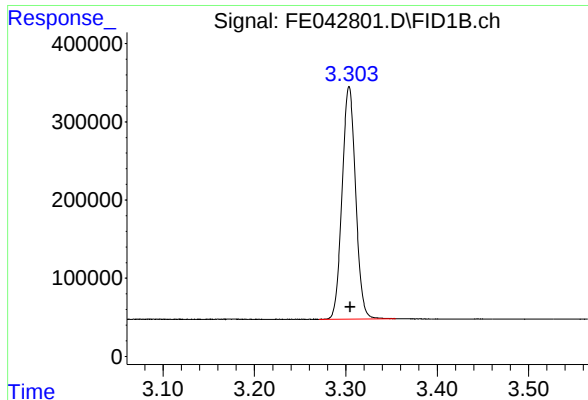
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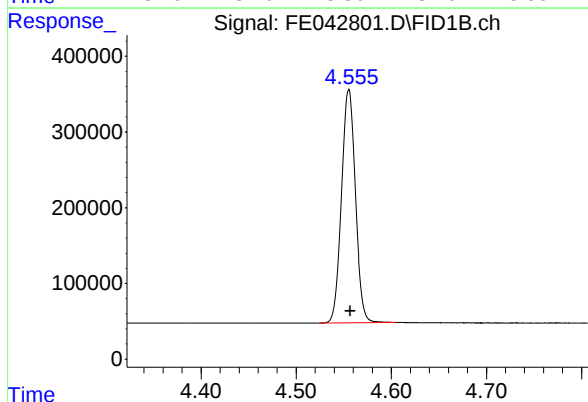




#1 n-Nonane (C9)

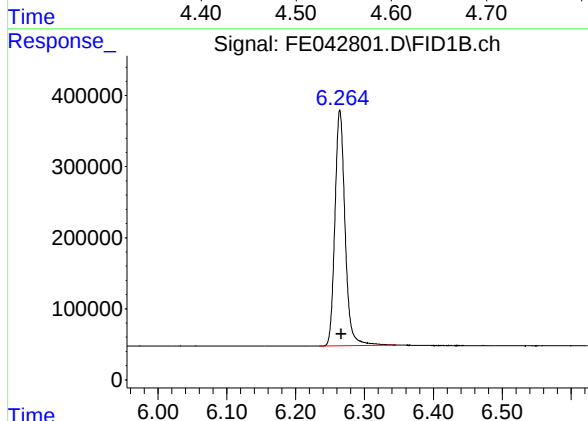
R.T.: 3.304 min
Delta R.T.: -0.001 min
Response: 3062135
Conc: 19.82 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



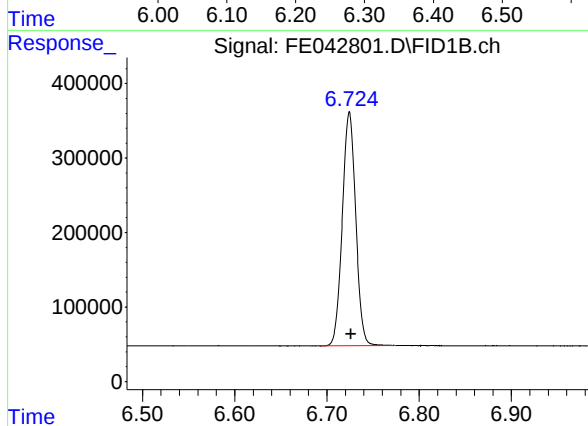
#2 n-Decane (C10)

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 3128054
Conc: 19.80 ug/ml



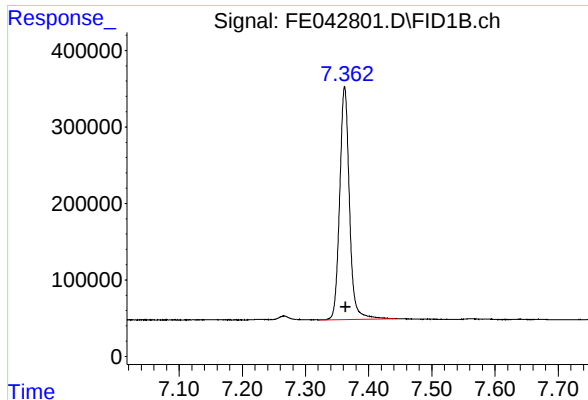
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 3396369
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

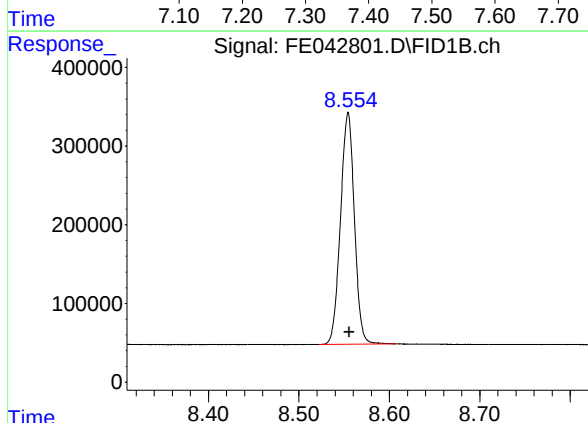
R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 3173052
Conc: 19.82 ug/ml



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

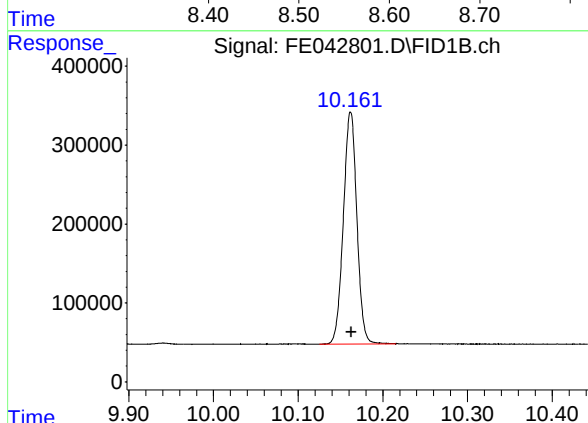
R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 3257483
Conc: 20.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



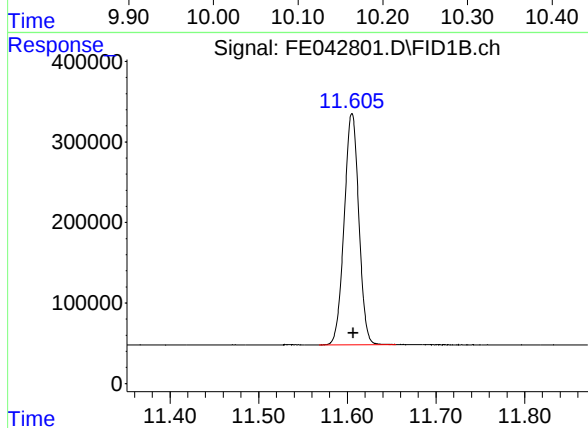
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 3151364
Conc: 19.80 ug/ml



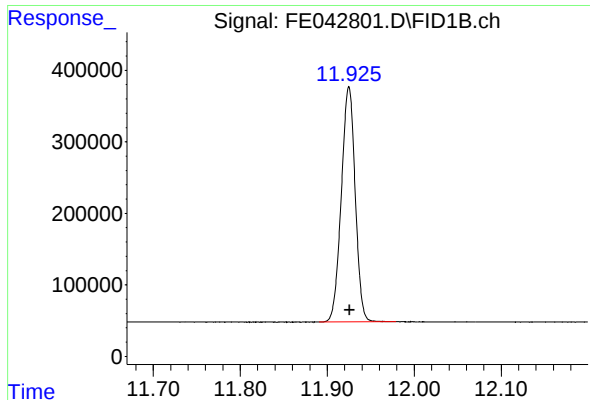
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.001 min
Response: 3262320
Conc: 19.81 ug/ml



#8 n-Octadecane (C18)

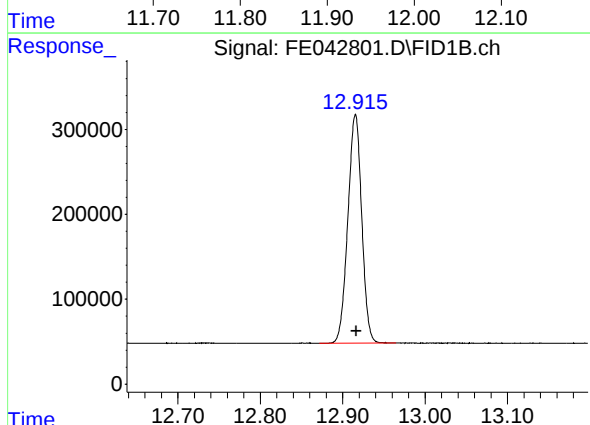
R.T.: 11.605 min
Delta R.T.: -0.001 min
Response: 3292249
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

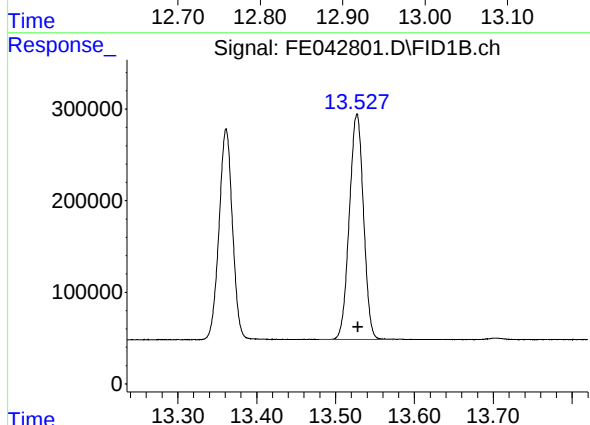
R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 3648642
Conc: 19.86 ug/ml

Instrument :
FID_E
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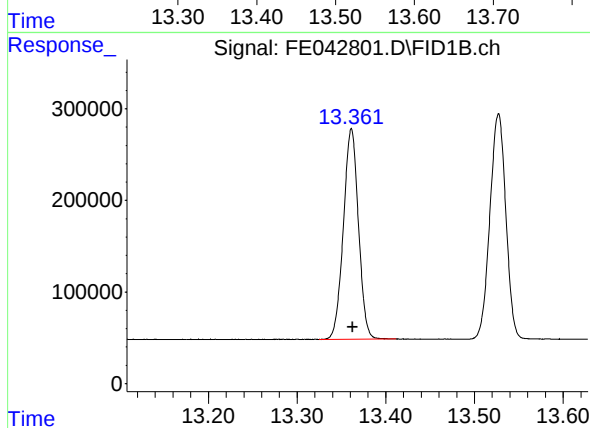
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.000 min
Response: 3147587
Conc: 19.84 ug/ml



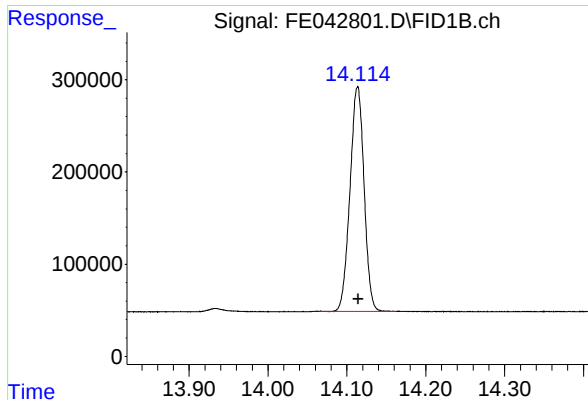
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.001 min
Response: 3070032
Conc: 19.84 ug/ml



#12 1-chlorooctadecane (SURR)

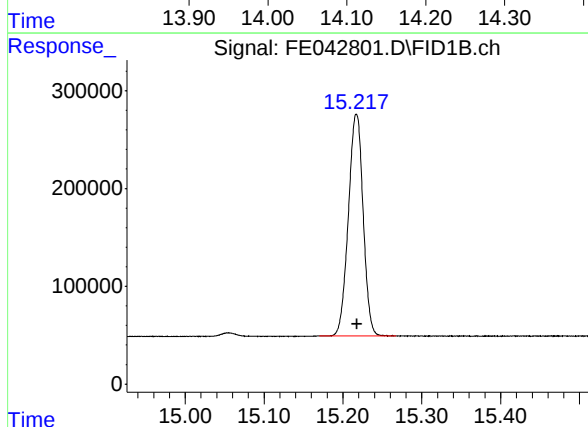
R.T.: 13.361 min
Delta R.T.: -0.001 min
Response: 2710011
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

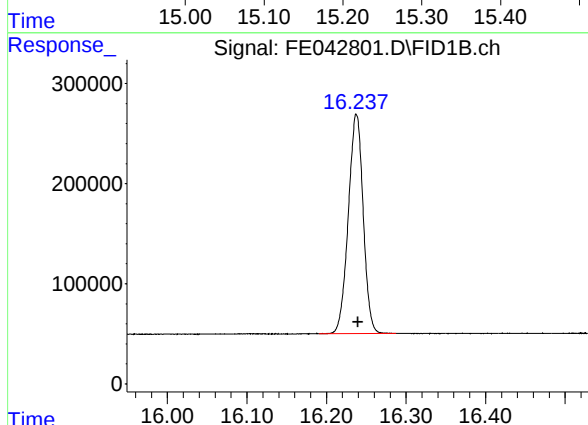
R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 3024541
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



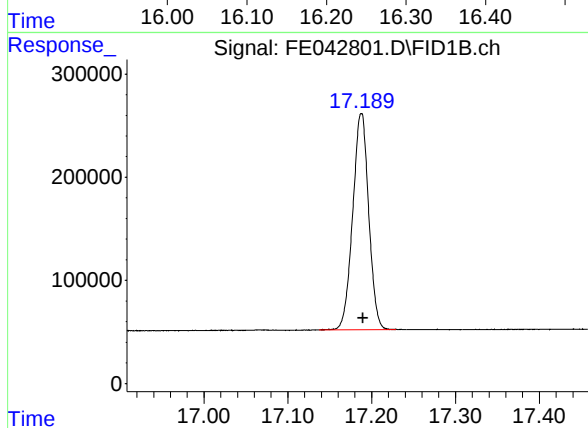
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 2952030
Conc: 19.90 ug/ml



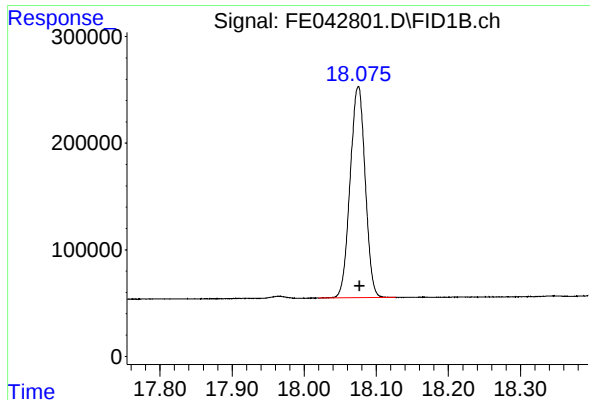
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.002 min
Response: 2847589
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

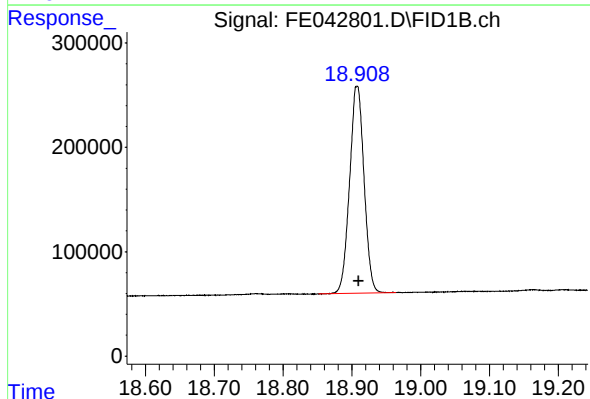
R.T.: 17.188 min
Delta R.T.: -0.002 min
Response: 2776500
Conc: 20.02 ug/ml



#17 n-Tricontane (C30)

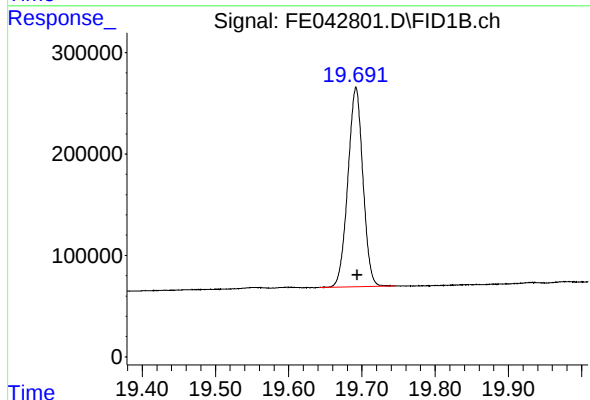
R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 2885532
Conc: 20.40 ug/ml

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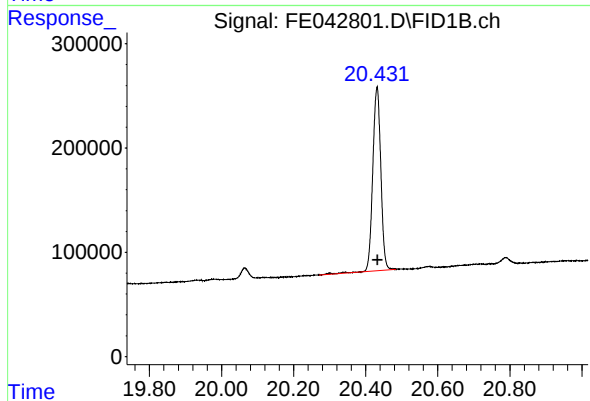
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.003 min
Response: 2897508
Conc: 20.66 ug/ml



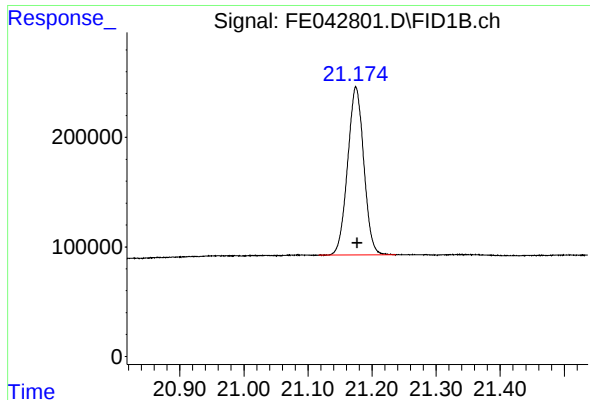
#19 n-Tetatriacontane (C34)

R.T.: 19.692 min
Delta R.T.: -0.001 min
Response: 2804552
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

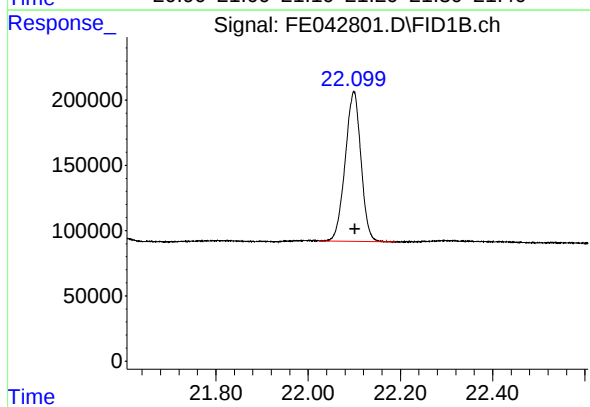
R.T.: 20.432 min
Delta R.T.: -0.002 min
Response: 2716345
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.175 min
Delta R.T.: -0.002 min
Response: 2691874
Conc: 19.74 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.002 min
Response: 2719435
Conc: 19.55 ug/ml