

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030525AL\
 Data File : FE052625.D
 Signal(s) : FID1B.ch
 Acq On : 05 Mar 2025 10:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 05 12:02:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.914	3600303	21.356 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
12) S 1-chlorooctadecane (S...	13.359	2705672	22.282 ug/ml
Spiked Amount 50.000		Recovery =	44.56%
Target Compounds			
1) T n-Nonane (C9)	3.253	3397701	21.914 ug/ml
2) T n-Decane (C10)	4.515	3465044	22.057 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3760464	22.174 ug/ml
4) T n-Dodecane (C12)	6.697	3424322	21.993 ug/ml
5) T A~2-methylnaphthalene...	7.333	3591479	22.162 ug/ml
6) T n-Tetradecane (C14)	8.534	3308695	21.867 ug/ml
7) T n-Hexadecane (C16)	10.148	3349926	21.911 ug/ml
8) T n-Octadecane (C18)	11.598	3325163	21.856 ug/ml
10) T n-Eicosane (C20)	12.912	3165672	21.806 ug/ml
11) T n-Heneicosane (C21)	13.527	3106499	21.826 ug/ml
13) T n-Docosane (C22)	14.116	3100931	21.790 ug/ml
14) T n-Tetracosane (C24)	15.222	3086802	21.570 ug/ml
15) T n-Hexacosane (C26)	16.247	3043556	21.404 ug/ml
16) T n-Octacosane (C28)	17.201	3023887	21.266 ug/ml
17) T n-Tricontane (C30)	18.092	3134435	21.222 ug/ml
18) T n-Dotriacontane (C32)	18.927	3101386	21.362 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2797070	20.753 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2540666	21.382 ug/ml
21) T n-Octatriacontane (C38)	21.198	2502108	22.554 ug/ml
22) T n-Tetracontane (C40)	22.122	2533080	23.429 ug/ml

(f)=RT Delta > 1/2 Window

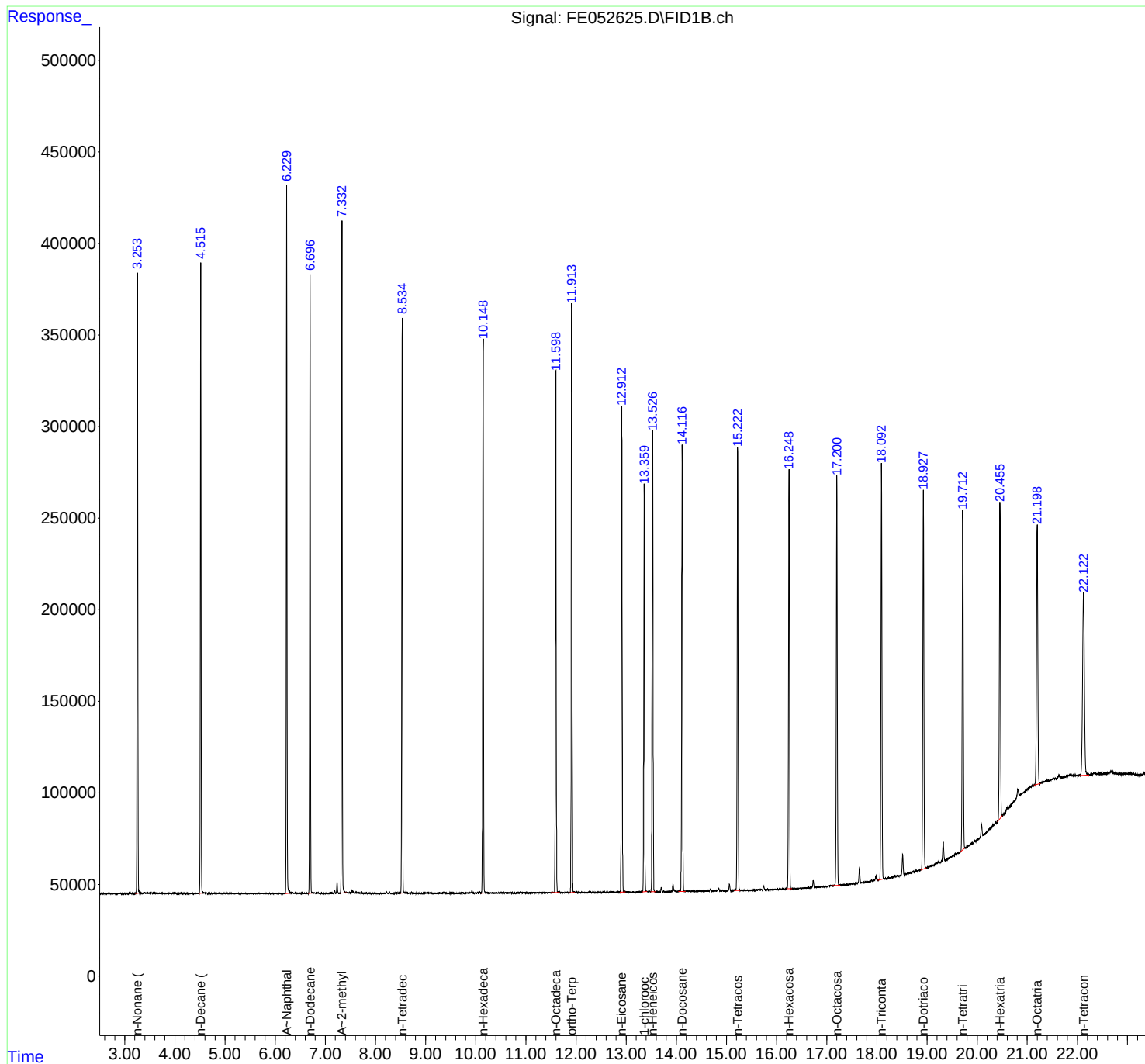
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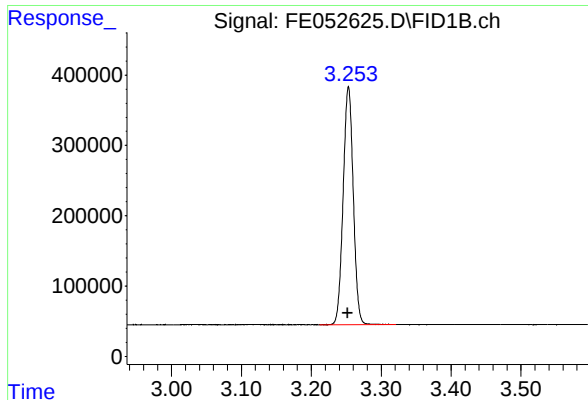
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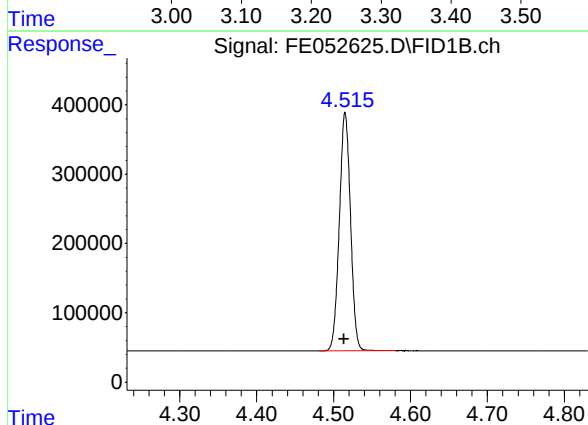




#1 n-Nonane (C9)

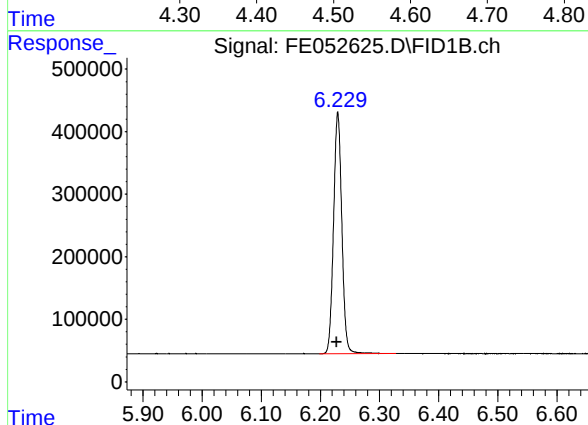
R.T.: 3.253 min
Delta R.T.: 0.001 min
Response: 3397701
Conc: 21.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



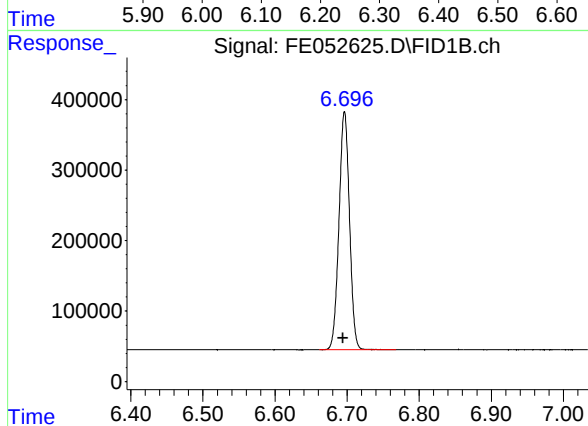
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 3465044
Conc: 22.06 ug/ml



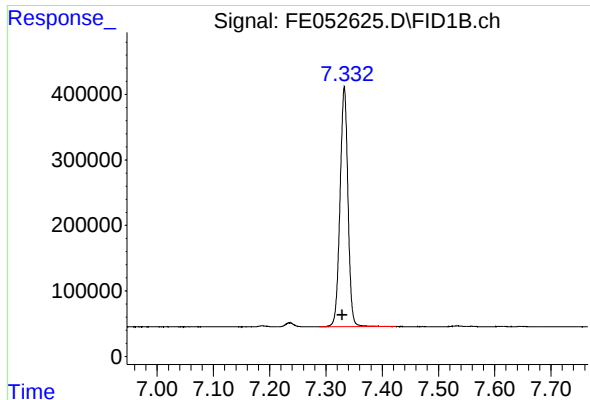
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 3760464
Conc: 22.17 ug/ml



#4 n-Dodecane (C12)

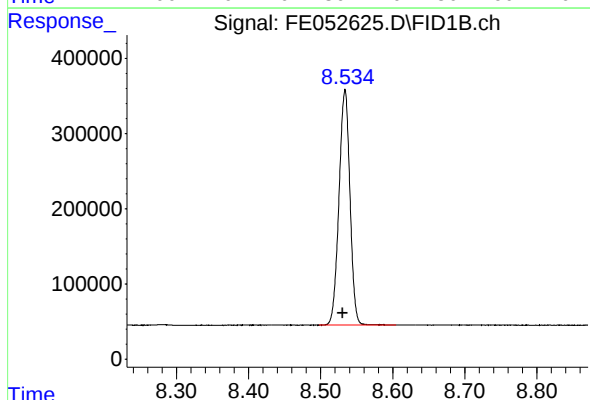
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 3424322
Conc: 21.99 ug/ml



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

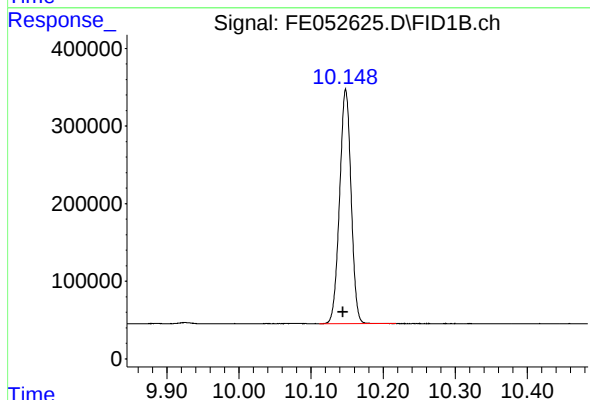
R.T.: 7.333 min
Delta R.T.: 0.003 min
Response: 3591479
Conc: 22.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



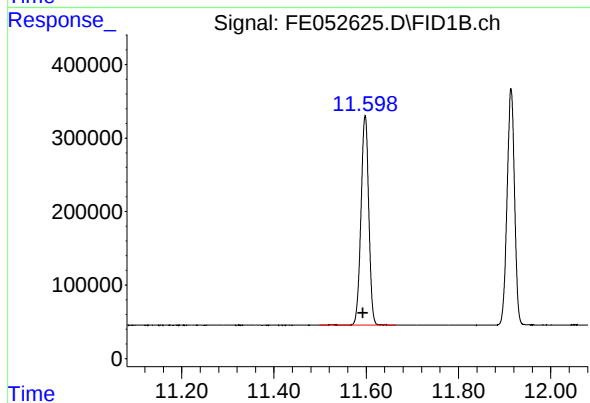
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 3308695
Conc: 21.87 ug/ml



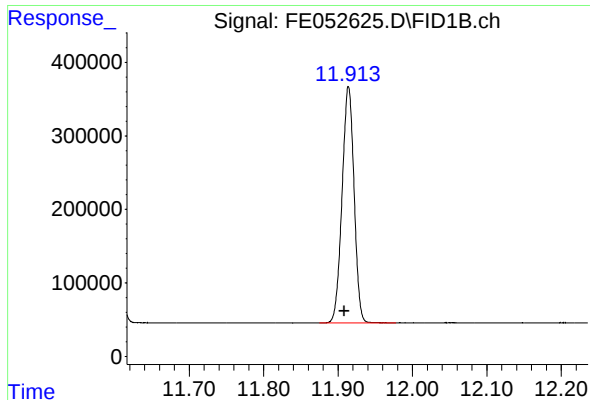
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.003 min
Response: 3349926
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

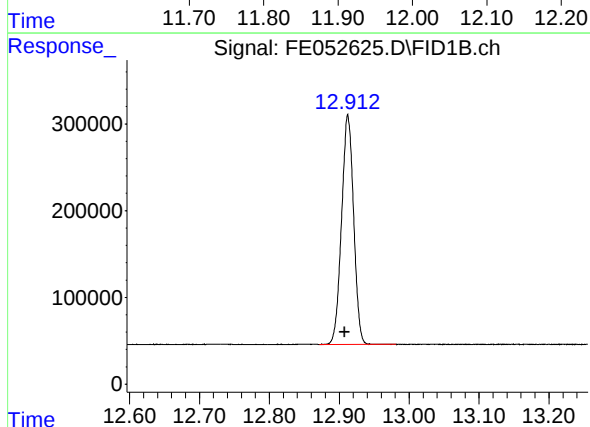
R.T.: 11.598 min
Delta R.T.: 0.004 min
Response: 3325163
Conc: 21.86 ug/ml



#9 ortho-Terphenyl (SURR)

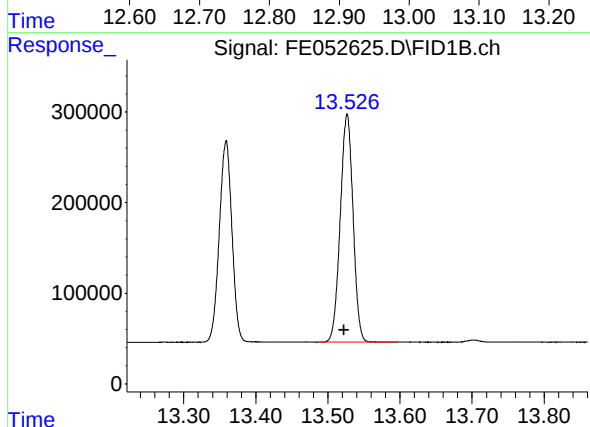
R.T.: 11.914 min
Delta R.T.: 0.005 min
Response: 3600303
Conc: 21.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



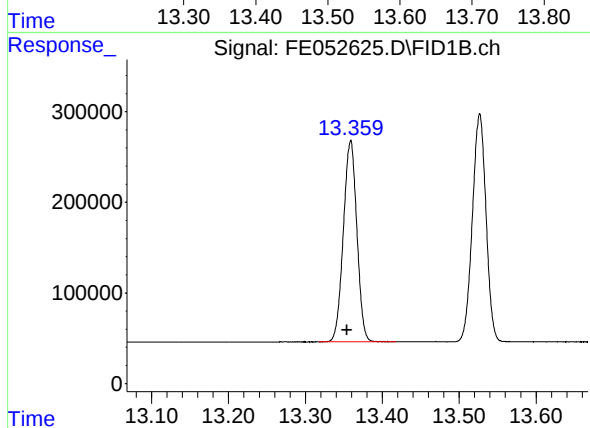
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.005 min
Response: 3165672
Conc: 21.81 ug/ml



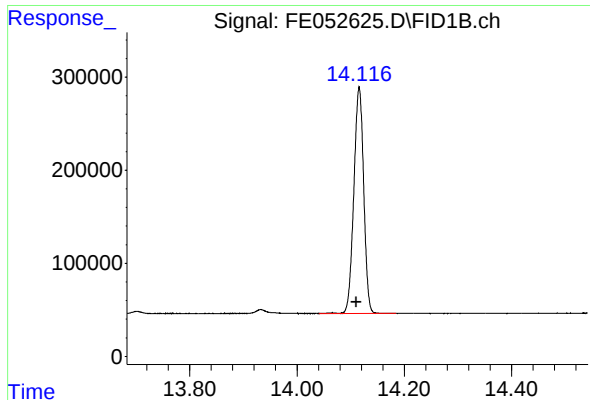
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.004 min
Response: 3106499
Conc: 21.83 ug/ml



#12 1-chlorooctadecane (SURR)

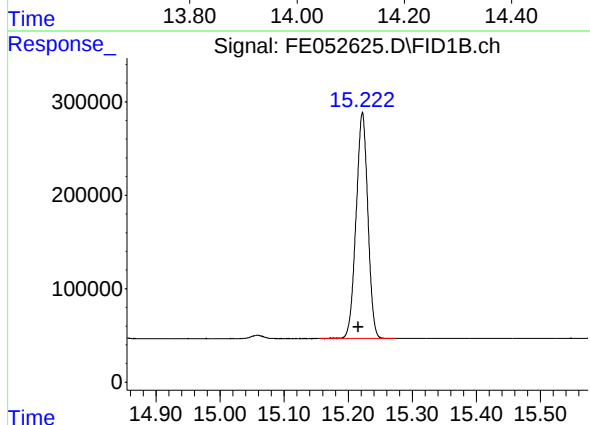
R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 2705672
Conc: 22.28 ug/ml



#13 n-Docosane (C22)

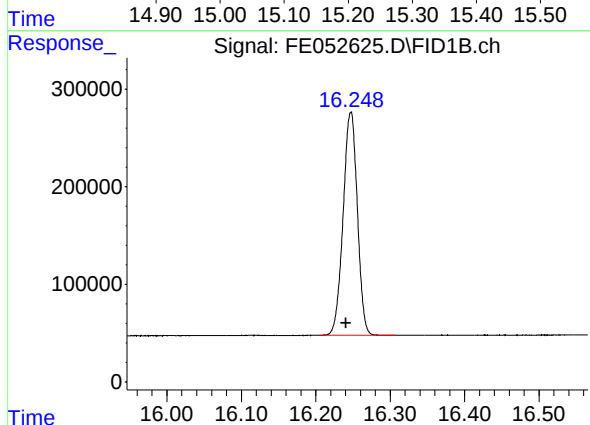
R.T.: 14.116 min
Delta R.T.: 0.006 min
Response: 3100931
Conc: 21.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



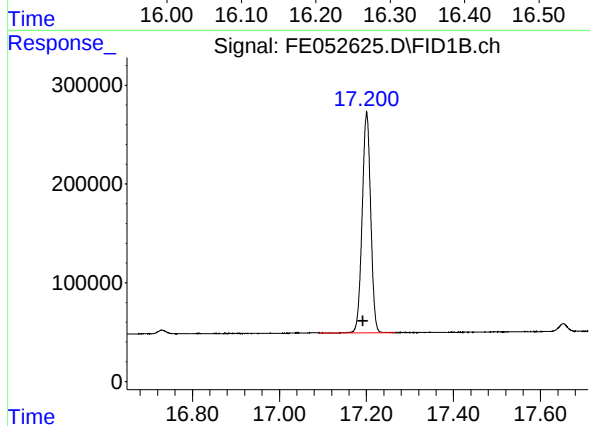
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.006 min
Response: 3086802
Conc: 21.57 ug/ml



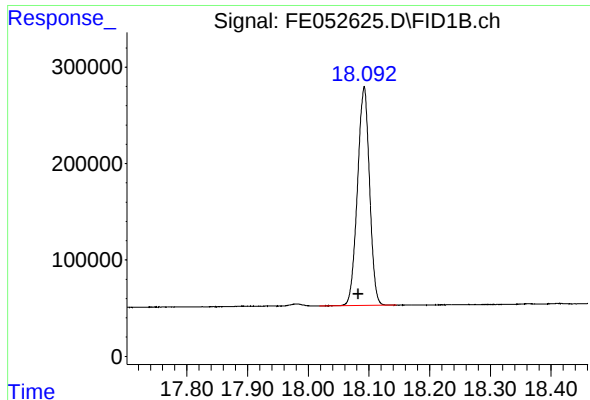
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.006 min
Response: 3043556
Conc: 21.40 ug/ml



#16 n-Octacosane (C28)

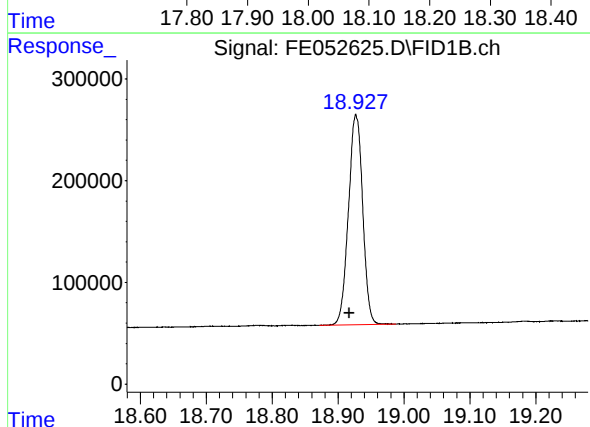
R.T.: 17.201 min
Delta R.T.: 0.008 min
Response: 3023887
Conc: 21.27 ug/ml



#17 n-Tricontane (C30)

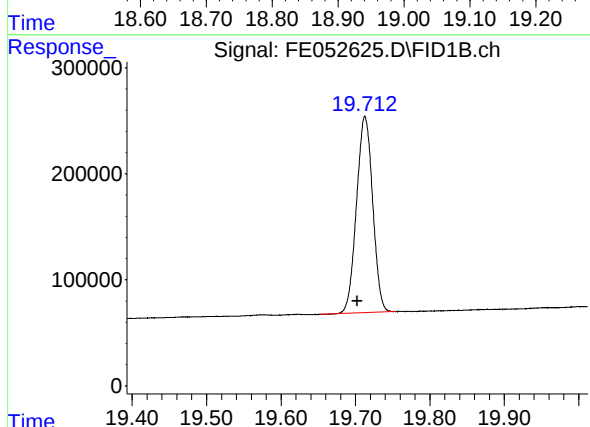
R.T.: 18.092 min
Delta R.T.: 0.009 min
Response: 3134435
Conc: 21.22 ug/ml

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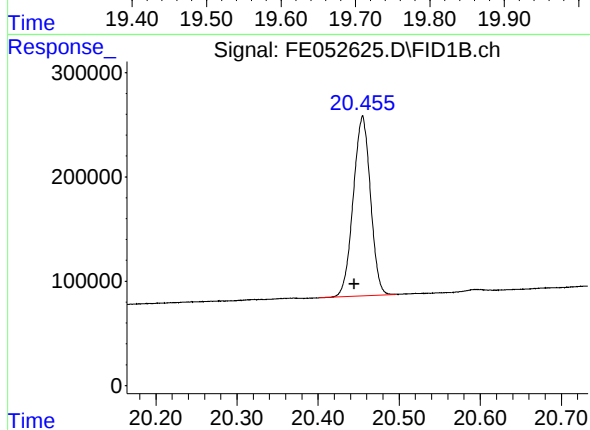
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.010 min
Response: 3101386
Conc: 21.36 ug/ml



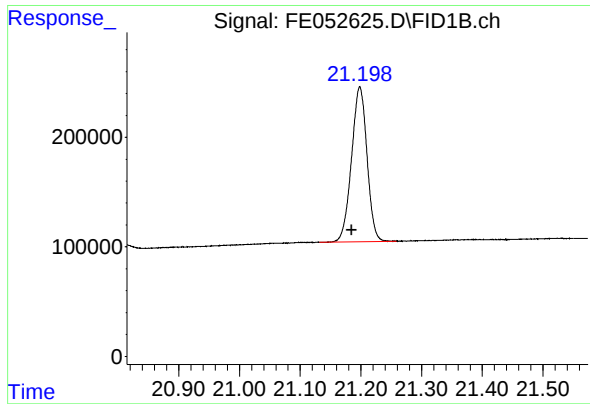
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.010 min
Response: 2797070
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

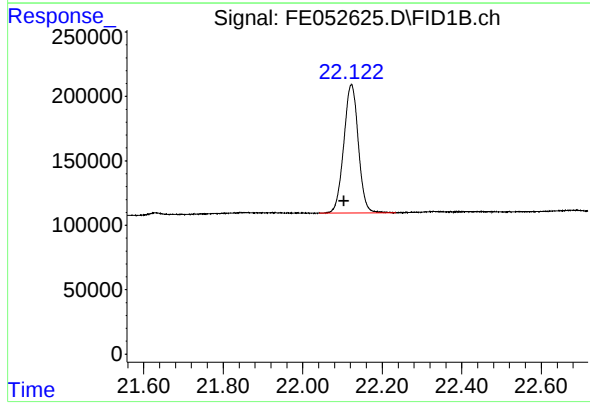
R.T.: 20.455 min
Delta R.T.: 0.010 min
Response: 2540666
Conc: 21.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.013 min
Response: 2502108
Conc: 22.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.018 min
Response: 2533080
Conc: 23.43 ug/ml