

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030725AL\
 Data File : FE052676.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2025 11:14
 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: Mar 07 21:54:08 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)	11.915	3000648	17.799 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
12) S 1-chlorooctadecane (S...	13.361	2252609	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
Target Compounds			
1) T n-Nonane (C9)	3.252	2804286	18.086 ug/ml
2) T n-Decane (C10)	4.513	2916505	18.565 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3122605	18.412 ug/ml
4) T n-Dodecane (C12)	6.695	2875544	18.469 ug/ml
5) T A~2-methylnaphthalene...	7.331	2980718	18.393 ug/ml
6) T n-Tetradecane (C14)	8.533	2770640	18.311 ug/ml
7) T n-Hexadecane (C16)	10.149	2804635	18.344 ug/ml
8) T n-Octadecane (C18)	11.598	2780309	18.275 ug/ml
10) T n-Eicosane (C20)	12.914	2645657	18.224 ug/ml
11) T n-Heneicosane (C21)	13.529	2596277	18.241 ug/ml
13) T n-Docosane (C22)	14.117	2592448	18.217 ug/ml
14) T n-Tetracosane (C24)	15.224	2593081	18.120 ug/ml
15) T n-Hexacosane (C26)	16.248	2577481	18.126 ug/ml
16) T n-Octacosane (C28)	17.201	2603076	18.306 ug/ml
17) T n-Tricontane (C30)	18.091	2747003	18.598 ug/ml
18) T n-Dotriacontane (C32)	18.926	2759704	19.009 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2509033	18.616 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2264214	19.055 ug/ml
21) T n-Octatriacontane (C38)	21.198	2191959	19.759 ug/ml
22) T n-Tetracontane (C40)	22.123	2171814	20.088 ug/ml

(f)=RT Delta > 1/2 Window

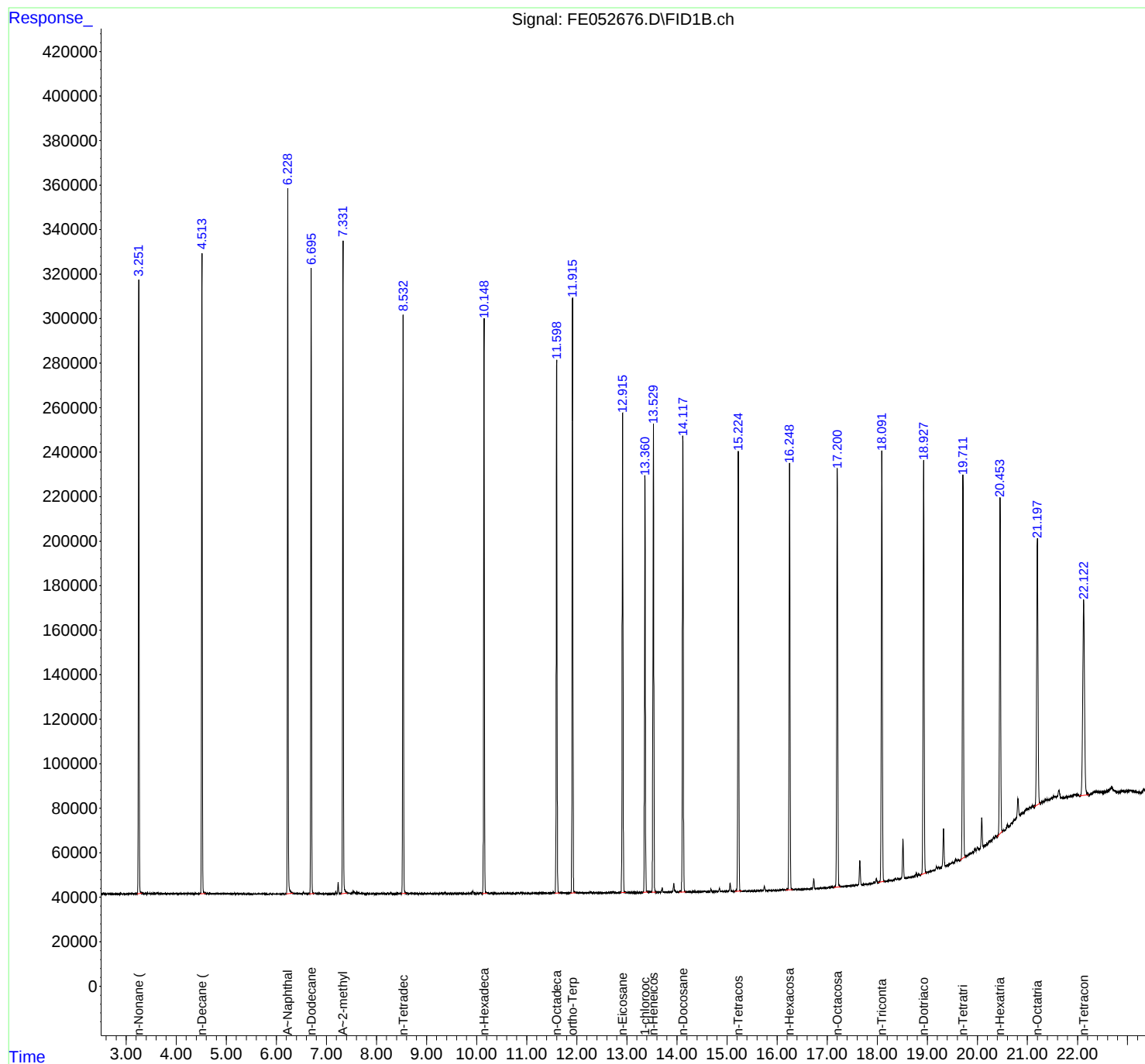
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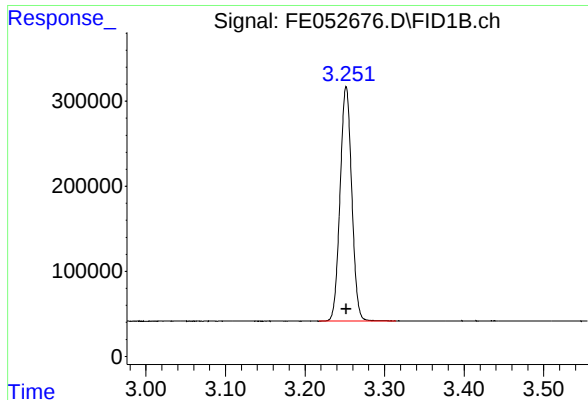
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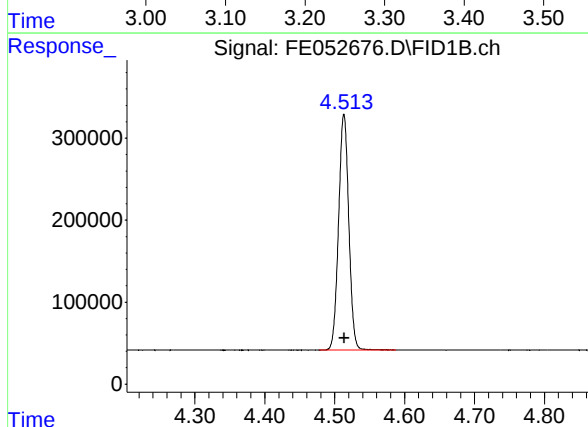




#1 n-Nonane (C9)

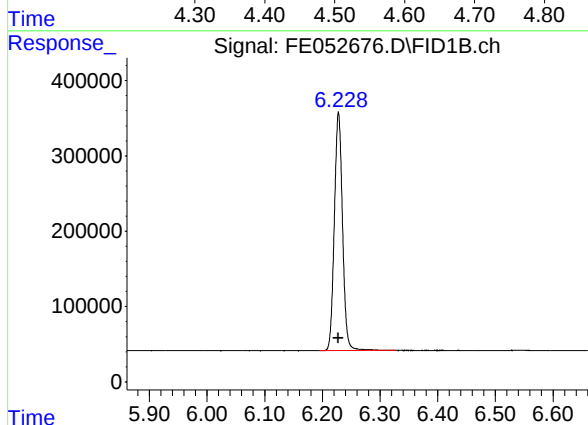
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 2804286
Conc: 18.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



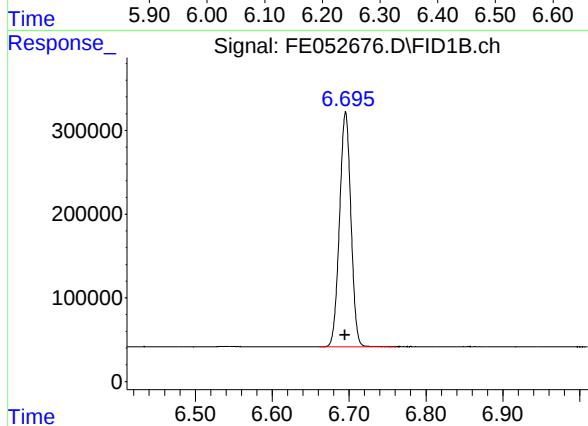
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 2916505
Conc: 18.57 ug/ml



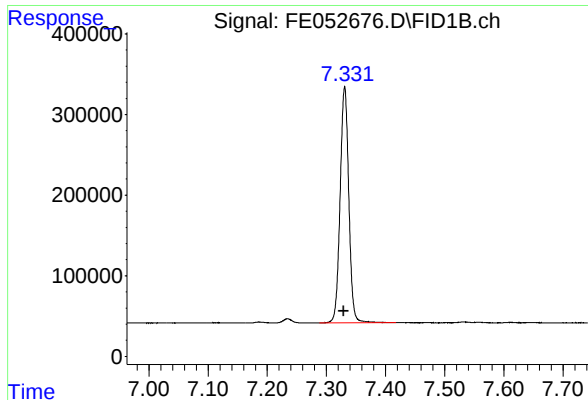
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3122605
Conc: 18.41 ug/ml



#4 n-Dodecane (C12)

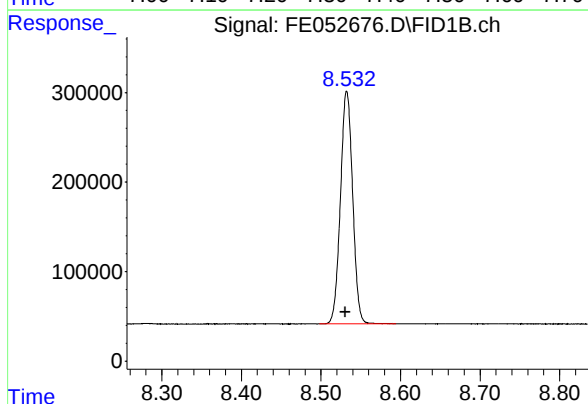
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 2875544
Conc: 18.47 ug/ml



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

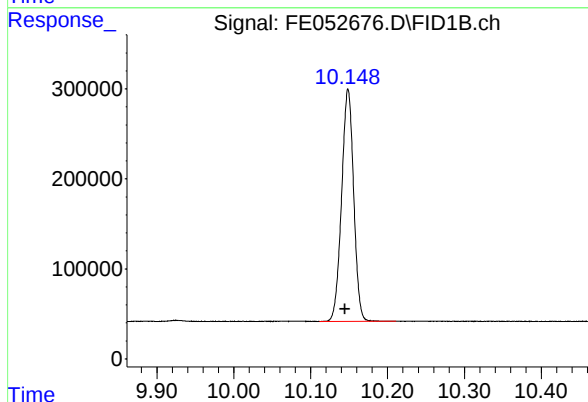
R.T.: 7.331 min
Delta R.T.: 0.001 min
Response: 2980718
Conc: 18.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



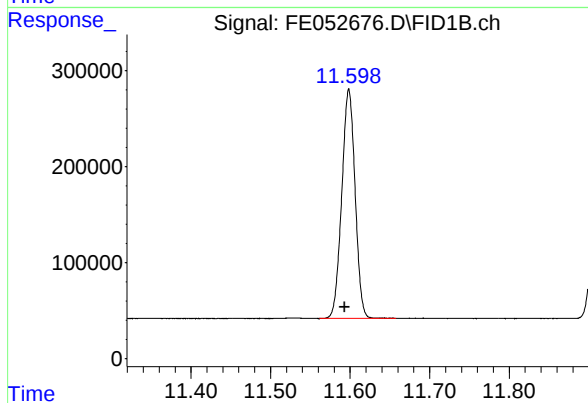
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 2770640
Conc: 18.31 ug/ml



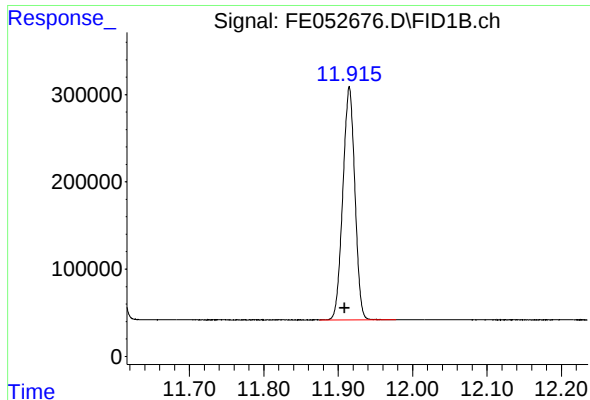
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.004 min
Response: 2804635
Conc: 18.34 ug/ml



#8 n-Octadecane (C18)

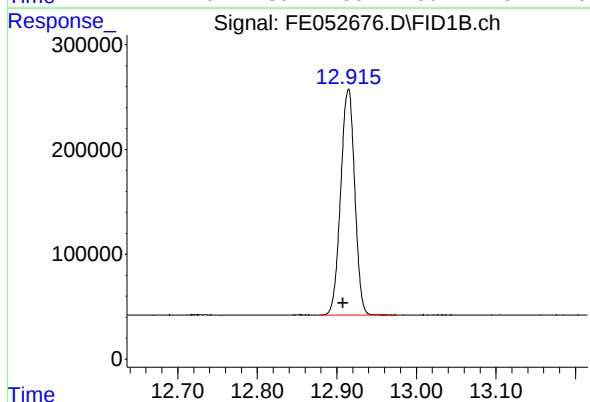
R.T.: 11.598 min
Delta R.T.: 0.005 min
Response: 2780309
Conc: 18.27 ug/ml



#9 ortho-Terphenyl (SURR)

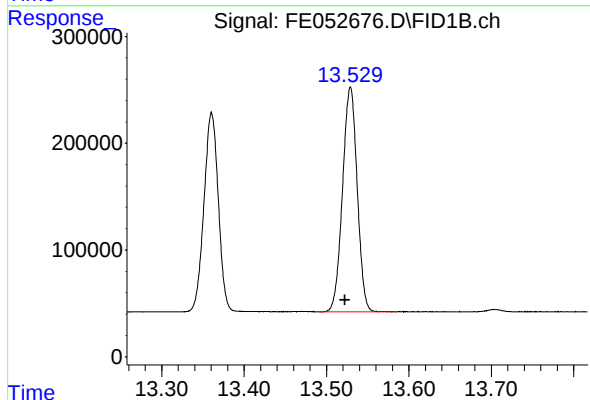
R.T.: 11.915 min
Delta R.T.: 0.006 min
Response: 3000648
Conc: 17.80 ug/ml

Instrument :
FID_E
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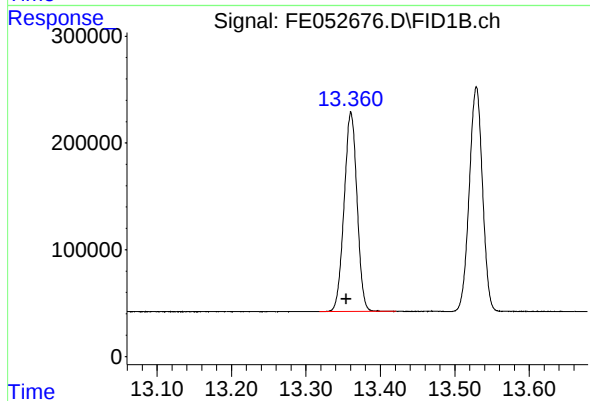
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.007 min
Response: 2645657
Conc: 18.22 ug/ml



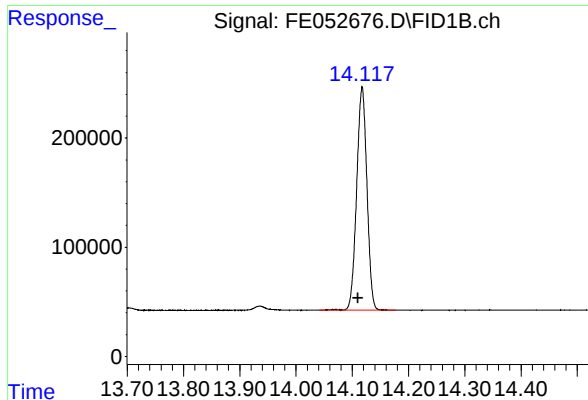
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: 0.007 min
Response: 2596277
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

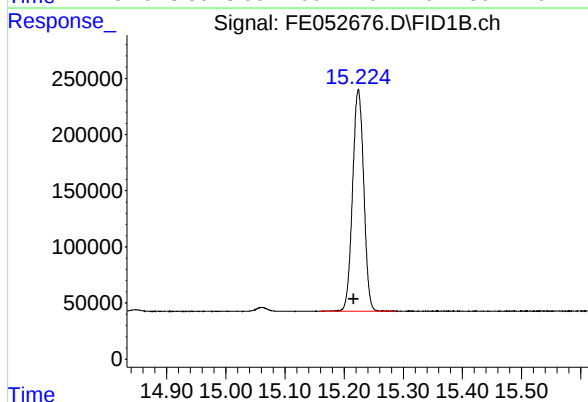
R.T.: 13.361 min
Delta R.T.: 0.006 min
Response: 2252609
Conc: 18.55 ug/ml



#13 n-Docosane (C22)

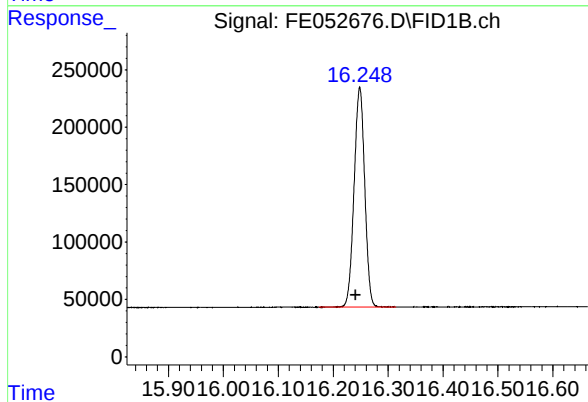
R.T.: 14.117 min
Delta R.T.: 0.007 min
Response: 2592448
Conc: 18.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



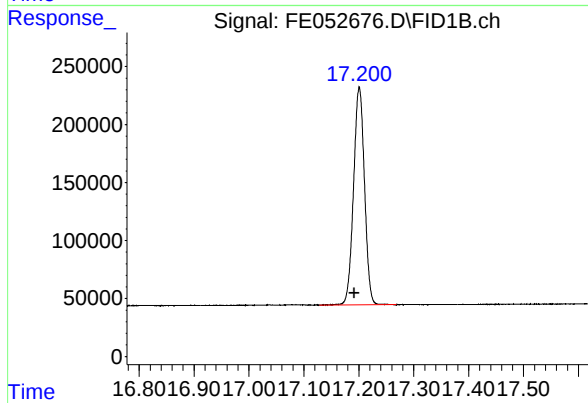
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: 0.008 min
Response: 2593081
Conc: 18.12 ug/ml



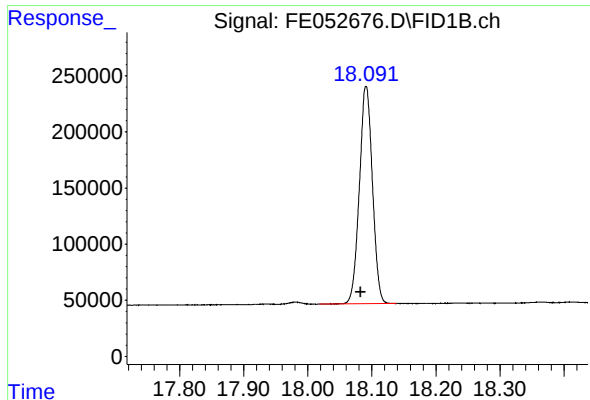
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: 0.008 min
Response: 2577481
Conc: 18.13 ug/ml



#16 n-Octacosane (C28)

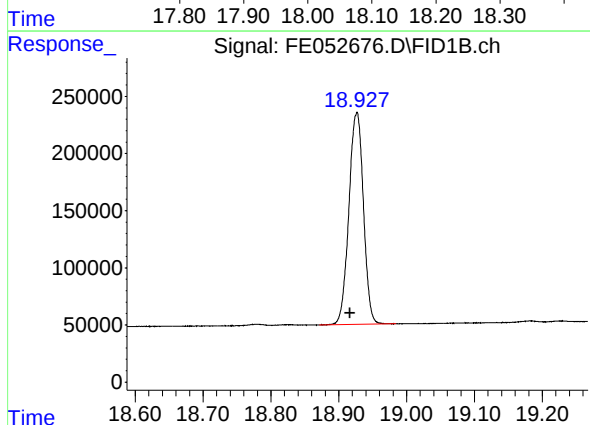
R.T.: 17.201 min
Delta R.T.: 0.009 min
Response: 2603076
Conc: 18.31 ug/ml



#17 n-Tricontane (C30)

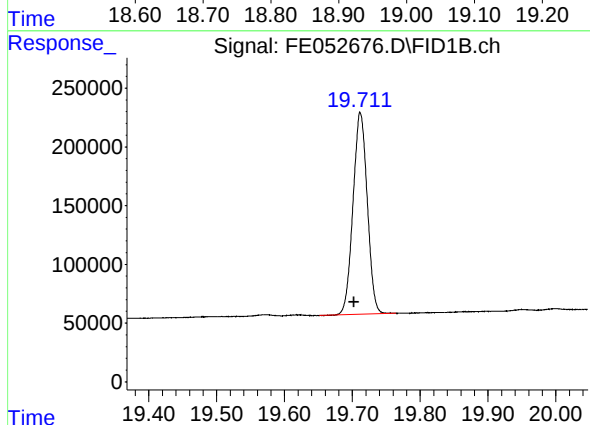
R.T.: 18.091 min
Delta R.T.: 0.008 min
Response: 2747003
Conc: 18.60 ug/ml

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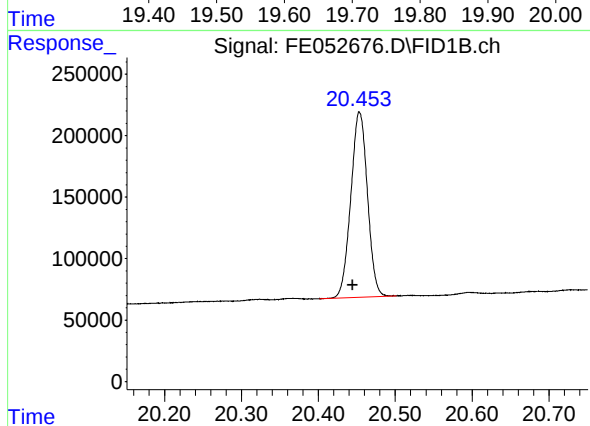
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: 0.009 min
Response: 2759704
Conc: 19.01 ug/ml



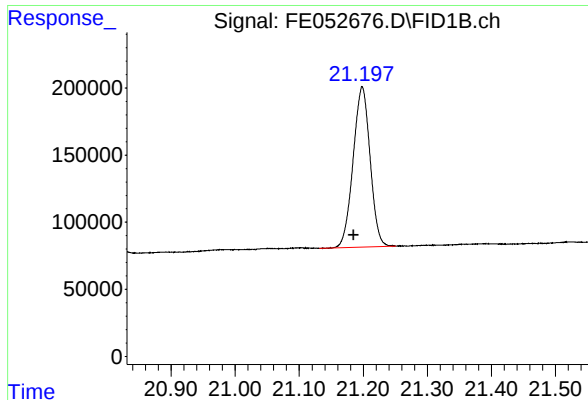
#19 n-Tetatriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.009 min
Response: 2509033
Conc: 18.62 ug/ml



#20 n-Hexatriacontane (C36)

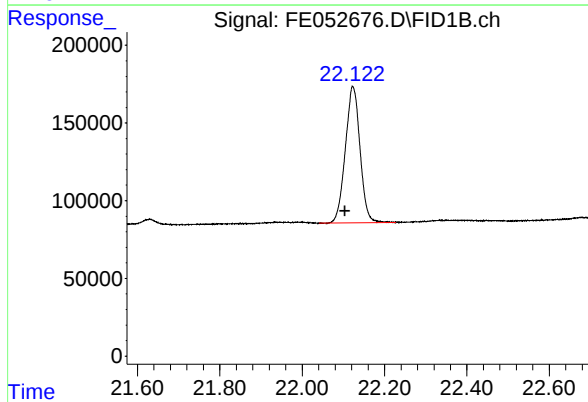
R.T.: 20.454 min
Delta R.T.: 0.009 min
Response: 2264214
Conc: 19.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.013 min
Response: 2191959
Conc: 19.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.019 min
Response: 2171814
Conc: 20.09 ug/ml