

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030525AL\
 Data File : FE052649.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 01:00
 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 06 01:55:38 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	3133150	18.585 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	13.359	2358928	19.427 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	3.252	3009250	19.408 ug/ml
2) T n-Decane (C10)	4.514	3065505	19.514 ug/ml
3) T A~Naphthalene (C11.7)	6.228	3298080	19.447 ug/ml
4) T n-Dodecane (C12)	6.696	3013451	19.354 ug/ml
5) T A~2-methylnaphthalene...	7.331	3136540	19.354 ug/ml
6) T n-Tetradecane (C14)	8.533	2905858	19.205 ug/ml
7) T n-Hexadecane (C16)	10.148	2933984	19.190 ug/ml
8) T n-Octadecane (C18)	11.598	2910821	19.132 ug/ml
10) T n-Eicosane (C20)	12.913	2771196	19.089 ug/ml
11) T n-Heneicosane (C21)	13.528	2716372	19.085 ug/ml
13) T n-Docosane (C22)	14.116	2721405	19.123 ug/ml
14) T n-Tetracosane (C24)	15.223	2773924	19.383 ug/ml
15) T n-Hexacosane (C26)	16.249	2768170	19.468 ug/ml
16) T n-Octacosane (C28)	17.203	2787208	19.601 ug/ml
17) T n-Tricontane (C30)	18.094	2906463	19.678 ug/ml
18) T n-Dotriacontane (C32)	18.928	2896077	19.948 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2565114	19.032 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2316374	19.494 ug/ml
21) T n-Octatriacontane (C38)	21.200	2259765	20.370 ug/ml
22) T n-Tetracontane (C40)	22.126	2279346	21.082 ug/ml

(f)=RT Delta > 1/2 Window

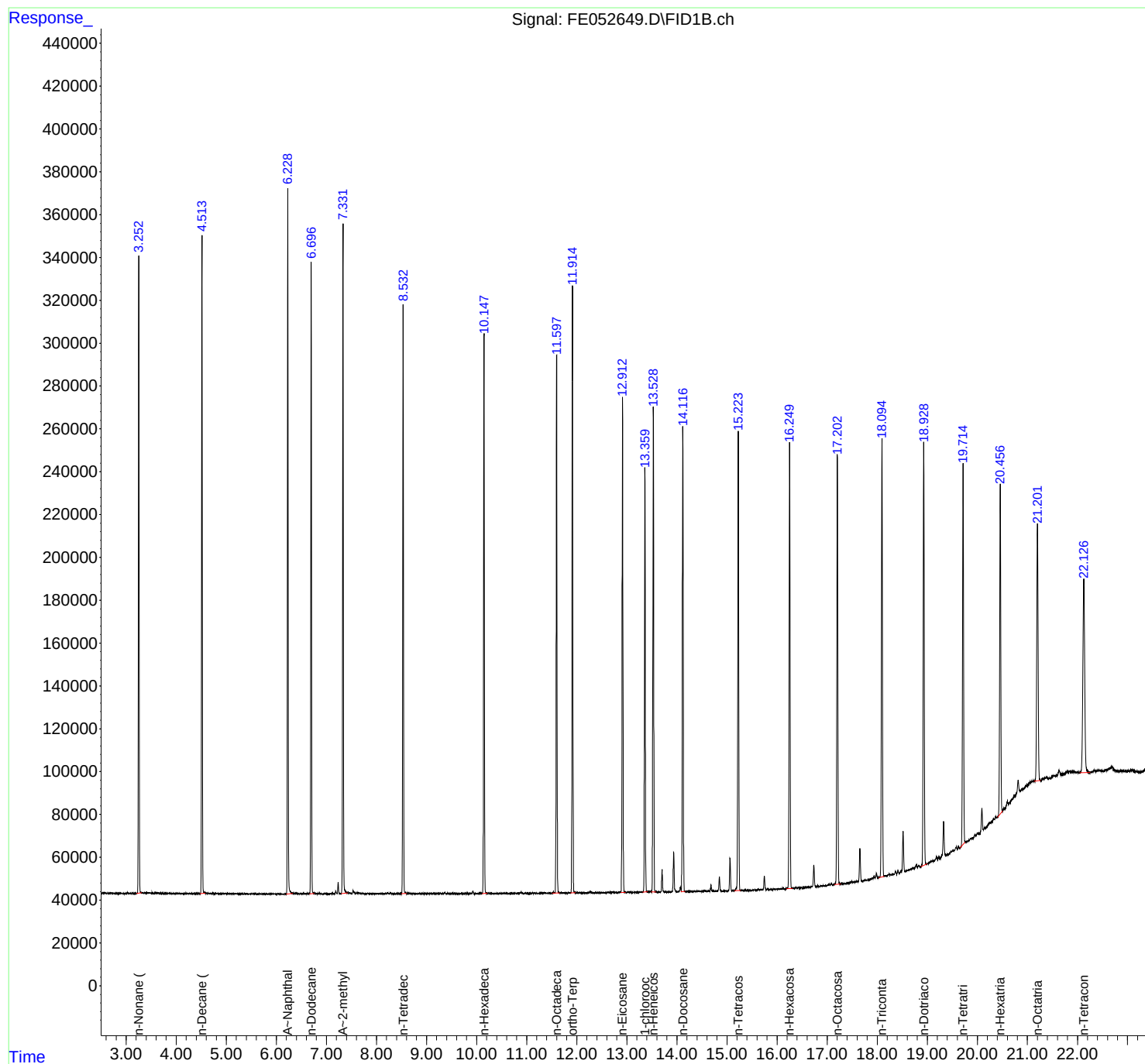
(m)=manual int.

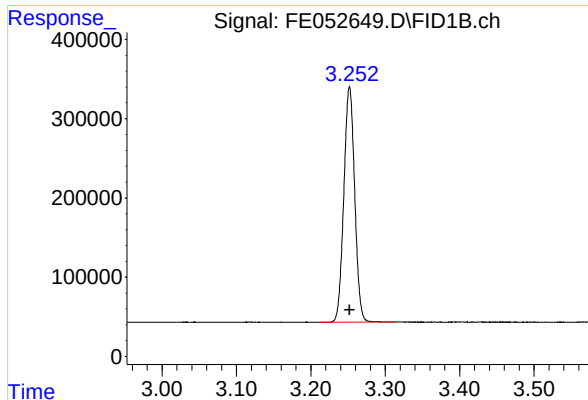
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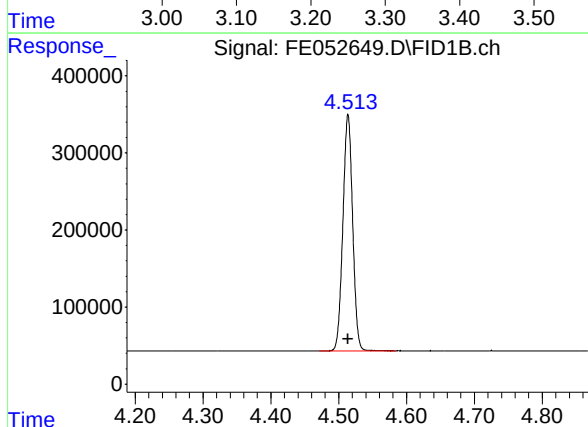




#1 n-Nonane (C9)

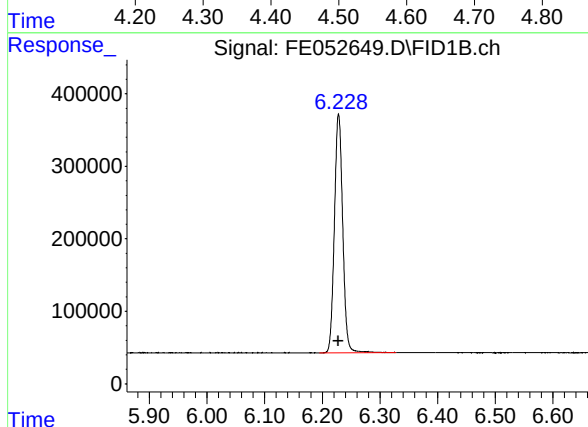
R.T.: 3.252 min
Delta R.T.: 0.000 min
Response: 3009250
Conc: 19.41 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



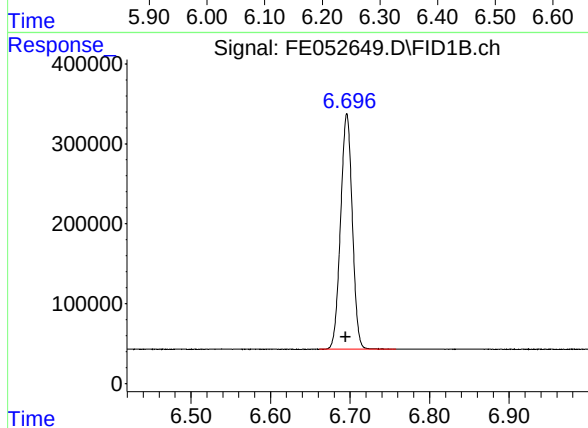
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3065505
Conc: 19.51 ug/ml



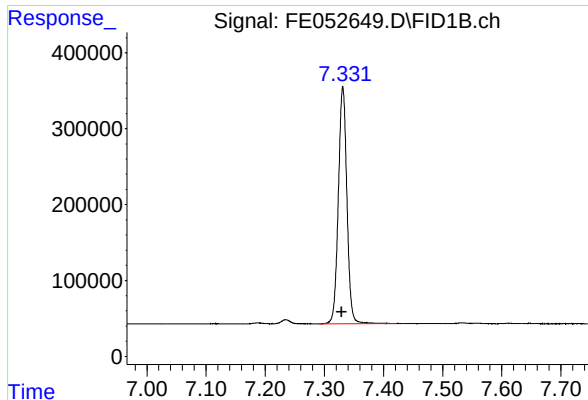
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 3298080
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

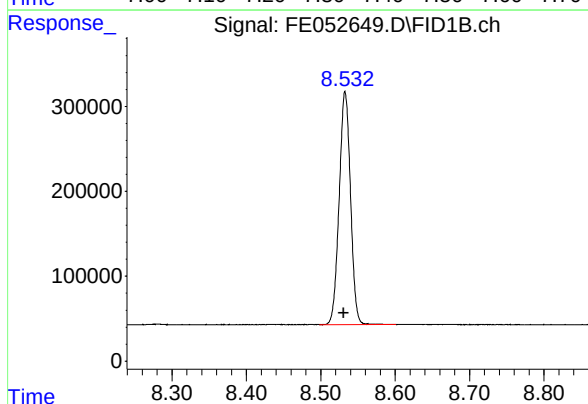
R.T.: 6.696 min
Delta R.T.: 0.001 min
Response: 3013451
Conc: 19.35 ug/ml



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

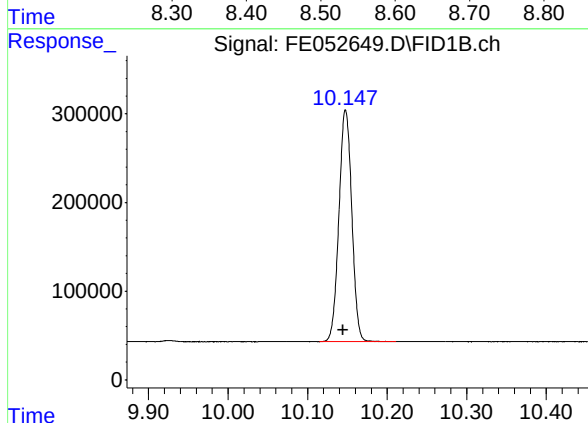
R.T.: 7.331 min
Delta R.T.: 0.002 min
Response: 3136540
Conc: 19.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



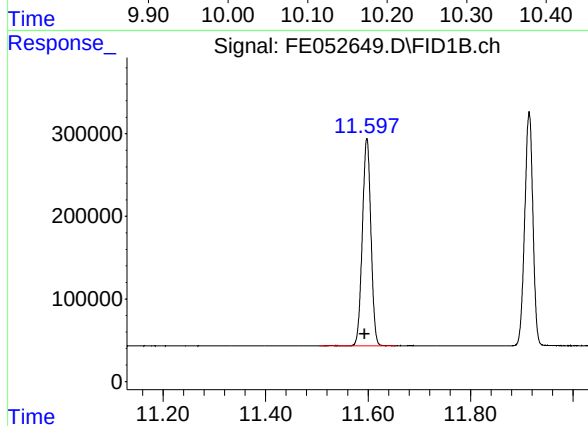
#6 n-Tetradecane (C14)

R.T.: 8.533 min
Delta R.T.: 0.002 min
Response: 2905858
Conc: 19.20 ug/ml



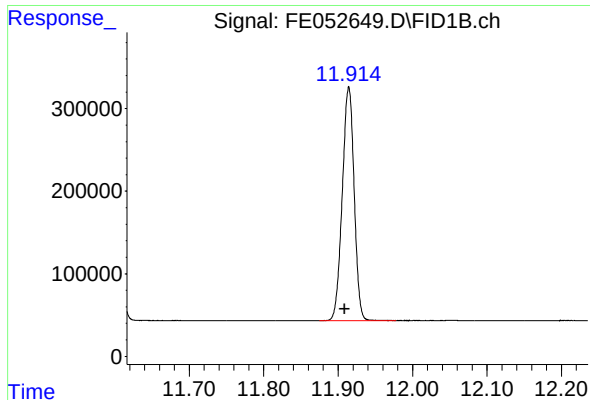
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: 0.003 min
Response: 2933984
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

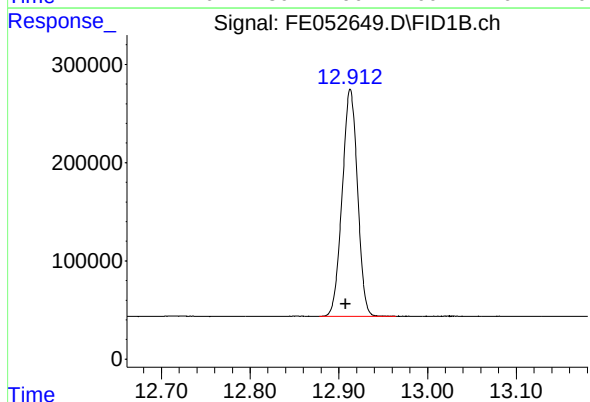
R.T.: 11.598 min
Delta R.T.: 0.005 min
Response: 2910821
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

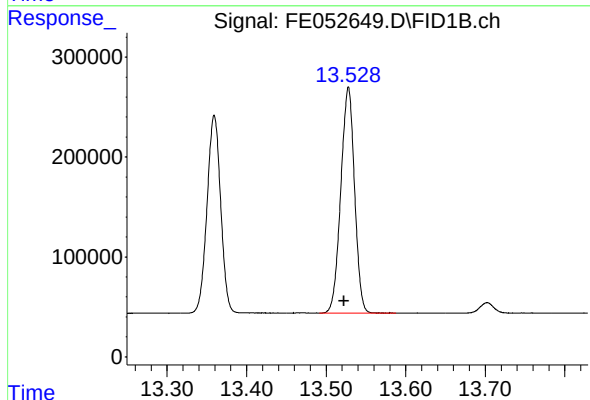
R.T.: 11.914 min
Delta R.T.: 0.006 min
Response: 3133150
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



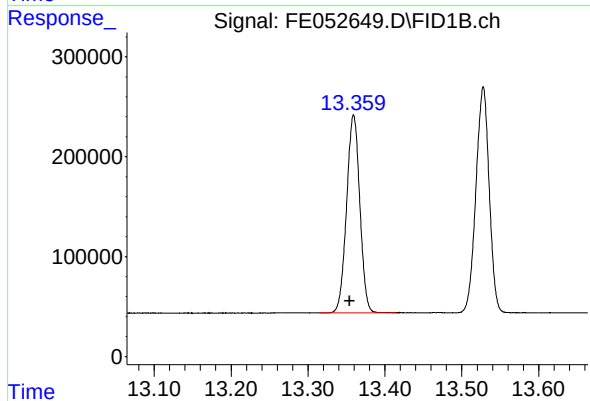
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 2771196
Conc: 19.09 ug/ml



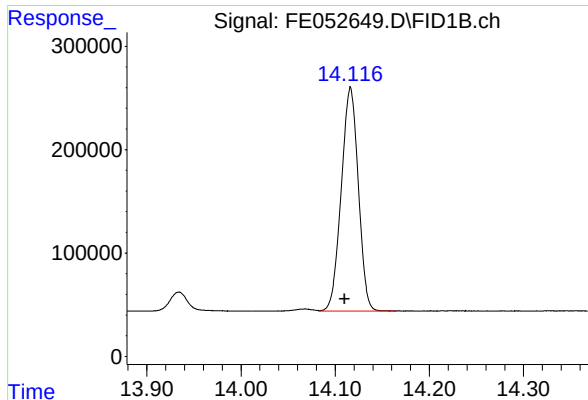
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.005 min
Response: 2716372
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

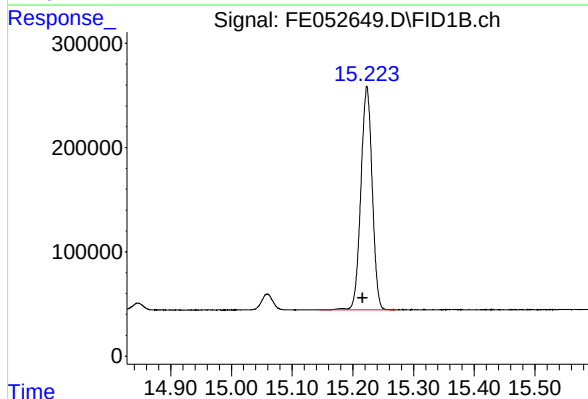
R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 2358928
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

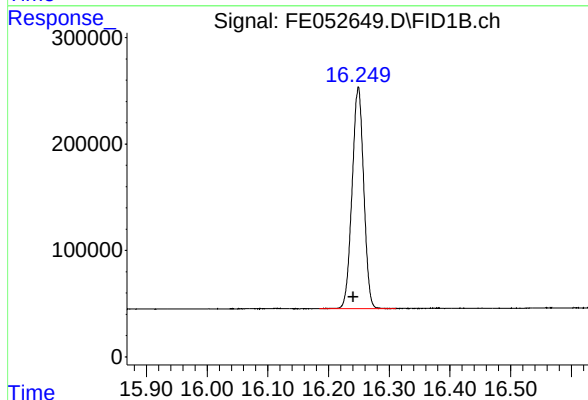
R.T.: 14.116 min
Delta R.T.: 0.006 min
Response: 2721405
Conc: 19.12 ug/ml

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20 PPM ALIPHATIC HC STD



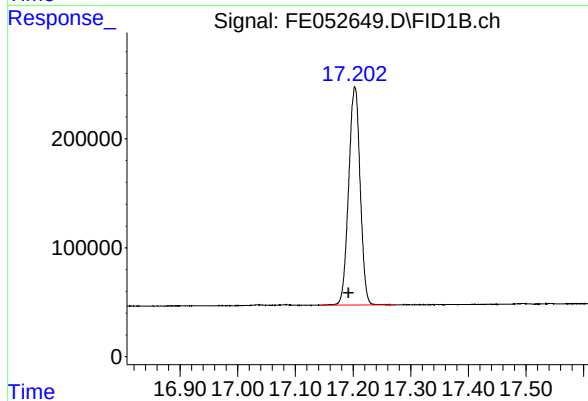
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.007 min
Response: 2773924
Conc: 19.38 ug/ml



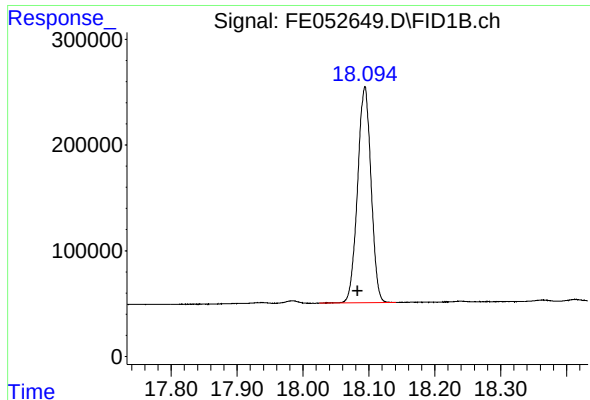
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.008 min
Response: 2768170
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

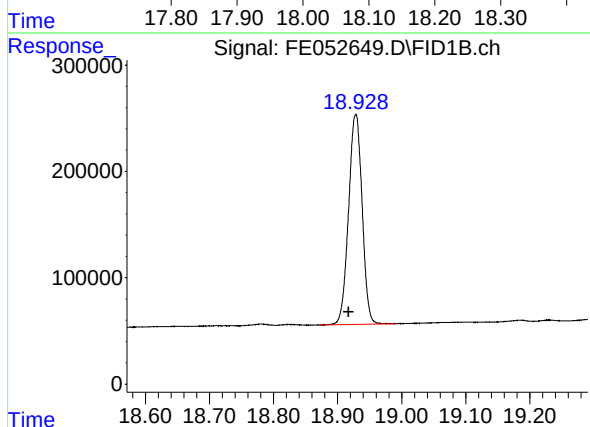
R.T.: 17.203 min
Delta R.T.: 0.011 min
Response: 2787208
Conc: 19.60 ug/ml



#17 n-Tricontane (C30)

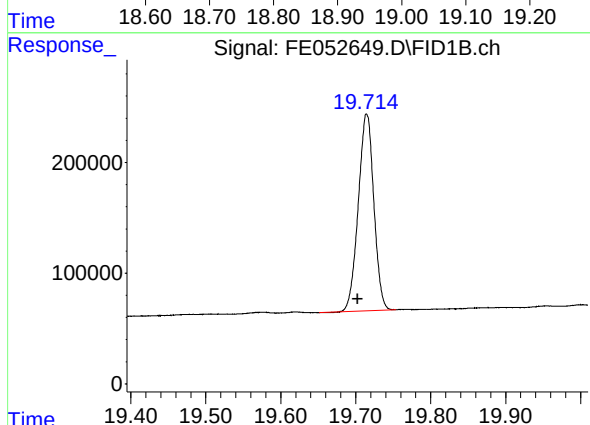
R.T.: 18.094 min
Delta R.T.: 0.011 min
Response: 2906463
Conc: 19.68 ug/ml

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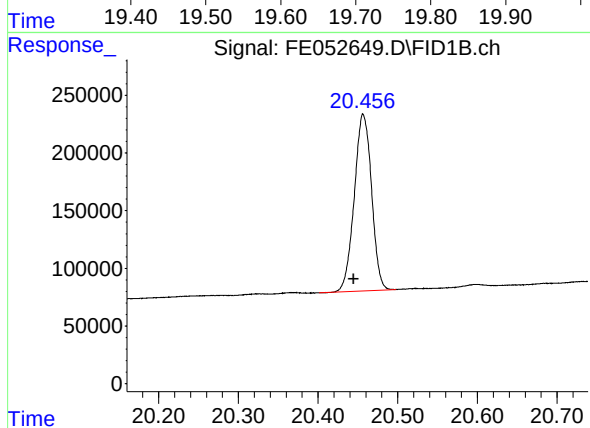
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.011 min
Response: 2896077
Conc: 19.95 ug/ml



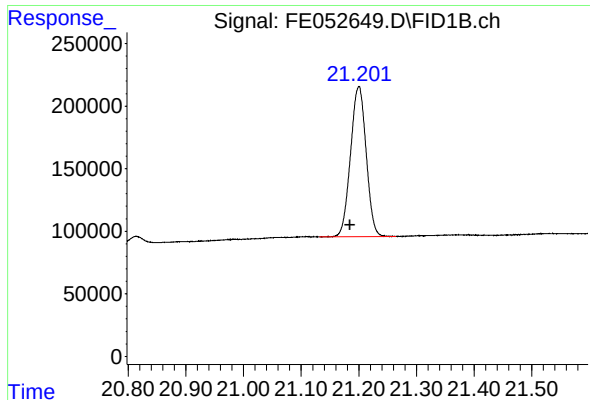
#19 n-Tetatriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.012 min
Response: 2565114
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

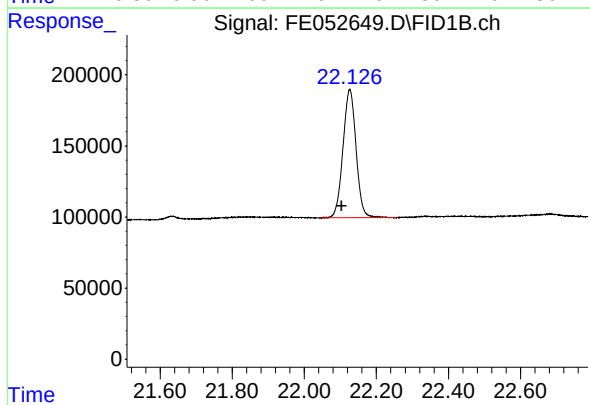
R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 2316374
Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.015 min
Response: 2259765
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.022 min
Response: 2279346
Conc: 21.08 ug/ml