

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054669.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 12:08
 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: Jul 03 05:09:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.076	3124130	19.238 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
12) S 1-chlorooctadecane (S...	13.513	2352072	18.624 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
Target Compounds			
1) T n-Nonane (C9)	3.421	2365388	17.585 ug/ml
2) T n-Decane (C10)	4.677	2514210	18.426 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2802264	18.507 ug/ml
4) T n-Dodecane (C12)	6.851	2589520	18.873 ug/ml
5) T A~2-methylnaphthalene...	7.492	2812749	19.134 ug/ml
6) T n-Tetradecane (C14)	8.688	2609126	18.821 ug/ml
7) T n-Hexadecane (C16)	10.302	2606313	18.289 ug/ml
8) T n-Octadecane (C18)	11.751	2603676	17.766 ug/ml
10) T n-Eicosane (C20)	13.065	2566874	17.851 ug/ml
11) T n-Heneicosane (C21)	13.679	2500586	17.507 ug/ml
13) T n-Docosane (C22)	14.267	2570946	18.005 ug/ml
14) T n-Tetracosane (C24)	15.373	2689643	18.503 ug/ml
15) T n-Hexacosane (C26)	16.396	2777885	19.196 ug/ml
16) T n-Octacosane (C28)	17.348	2909431	19.963 ug/ml
17) T n-Tricontane (C30)	18.237	3174827	20.147 ug/ml
18) T n-Dotriacontane (C32)	19.072	3160325	19.534 ug/ml
19) T n-Tetratriacontane (C34)	19.857	2870404	18.836 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2841387	21.133 ug/ml
21) T n-Octatriacontane (C38)	21.373	2753287	23.475 ug/ml
22) T n-Tetracontane (C40)	22.363	2682775	24.752 ug/ml

(f)=RT Delta > 1/2 Window

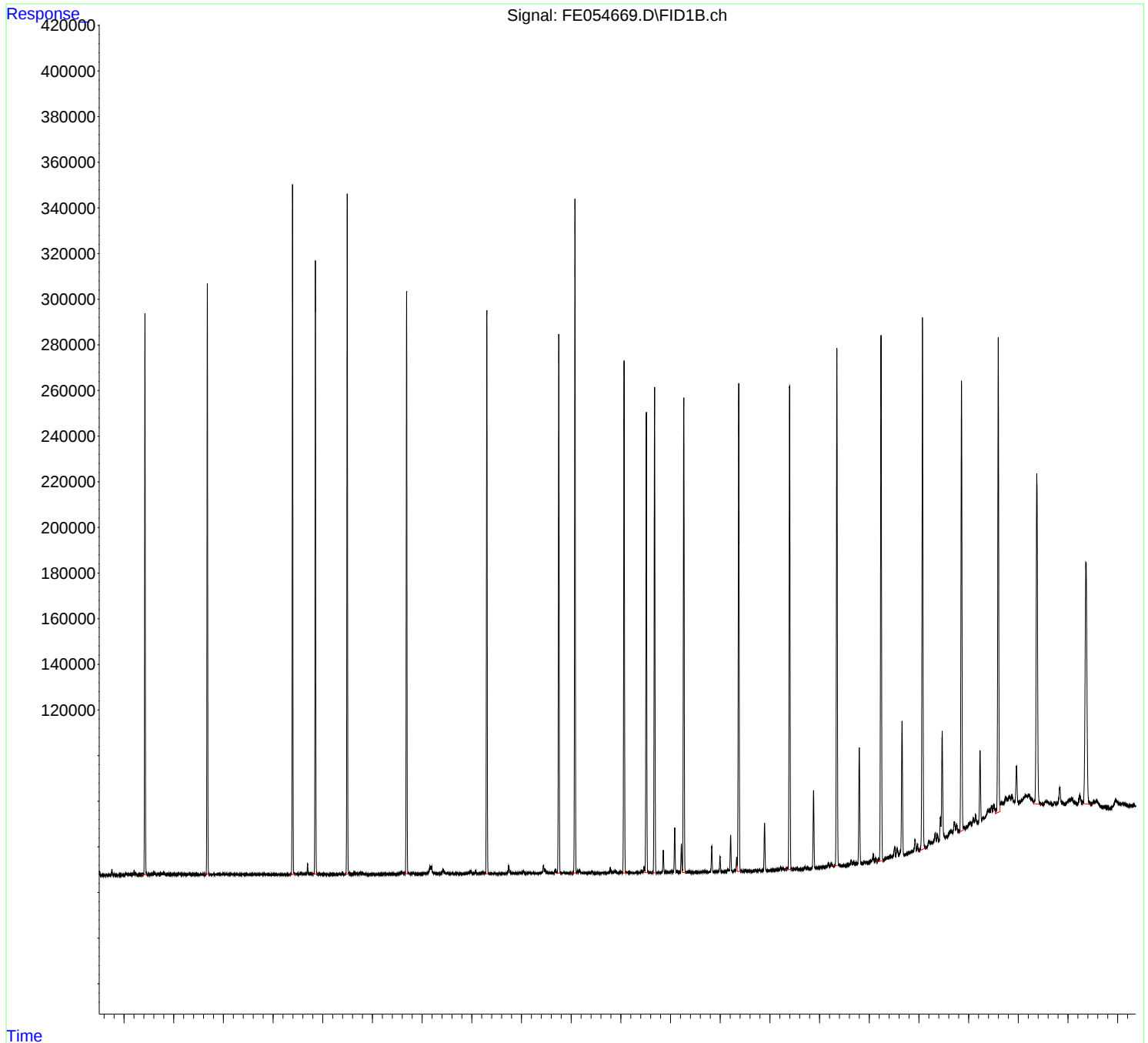
(m)=manual int.

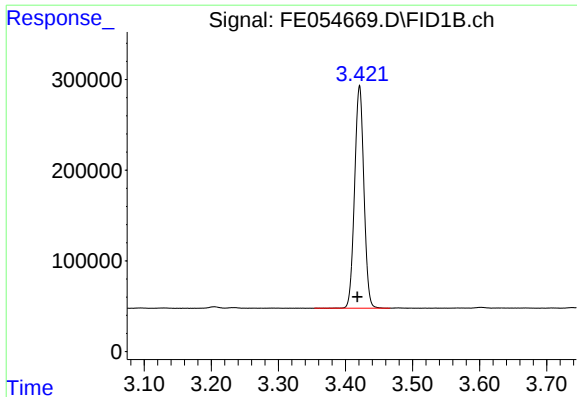
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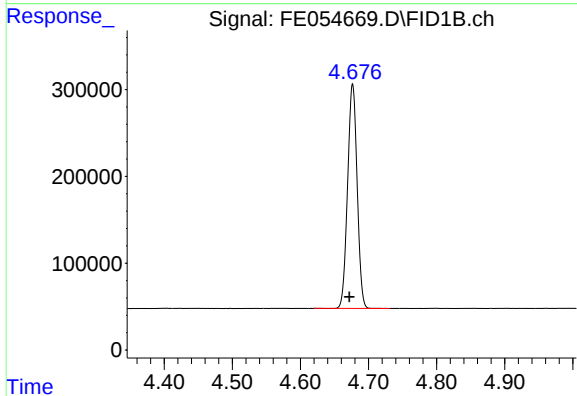




#1 n-Nonane (C9)

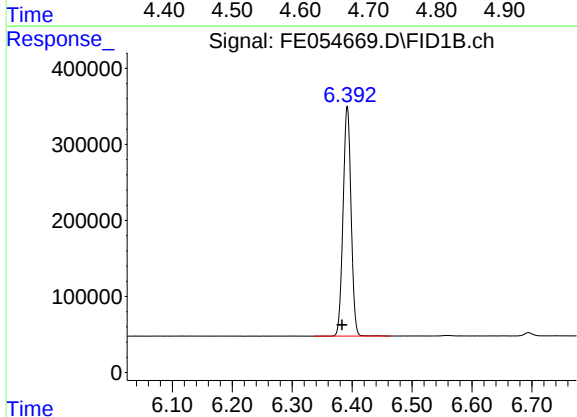
R.T.: 3.421 min
Delta R.T.: 0.003 min
Response: 2365388
Conc: 17.59 ug/ml

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20 PPM ALIPHATIC HC STD



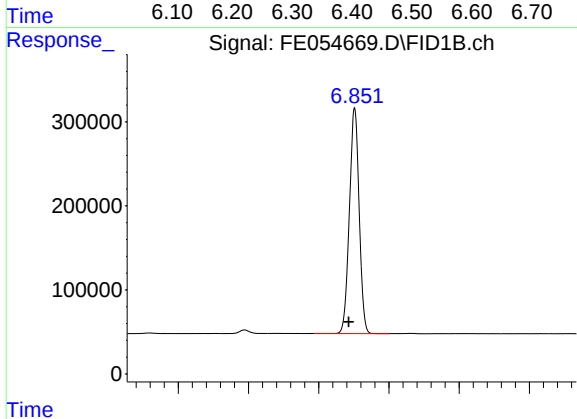
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: 0.005 min
Response: 2514210
Conc: 18.43 ug/ml



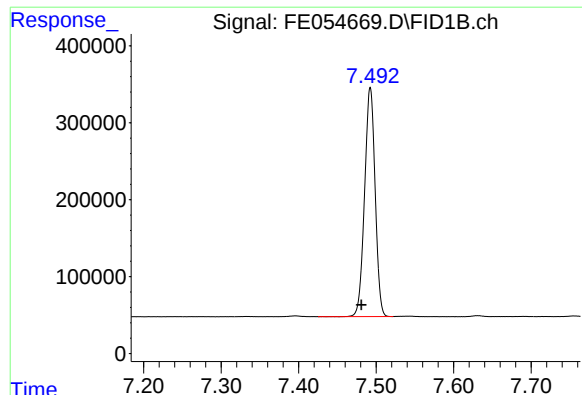
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.009 min
Response: 2802264
Conc: 18.51 ug/ml



#4 n-Dodecane (C12)

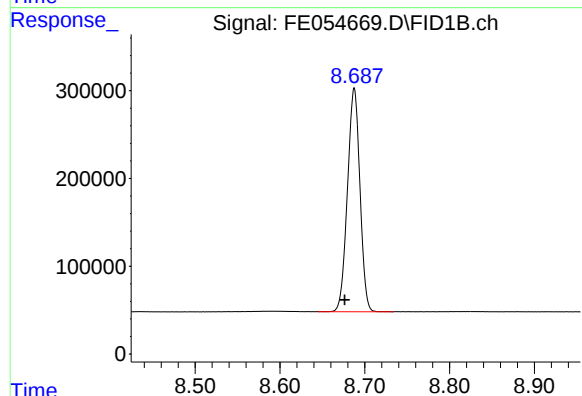
R.T.: 6.851 min
Delta R.T.: 0.009 min
Response: 2589520
Conc: 18.87 ug/ml



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

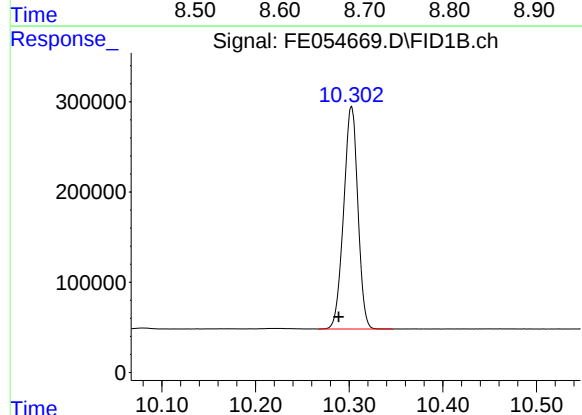
R.T.: 7.492 min
Delta R.T.: 0.011 min
Response: 2812749
Conc: 19.13 ug/ml

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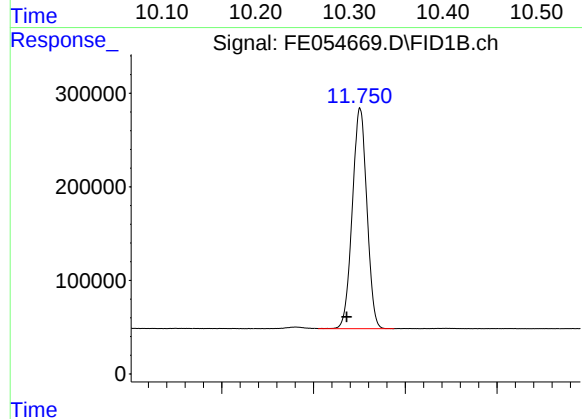
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.011 min
Response: 2609126
Conc: 18.82 ug/ml



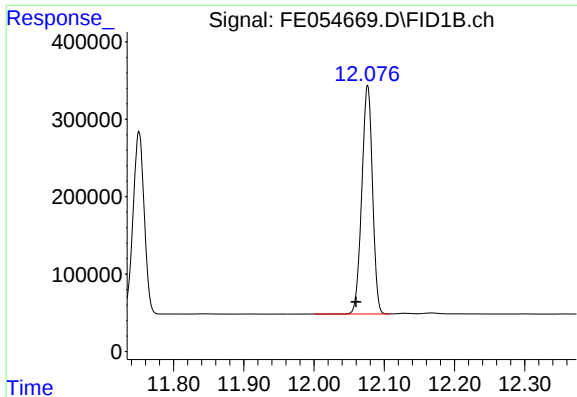
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.014 min
Response: 2606313
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

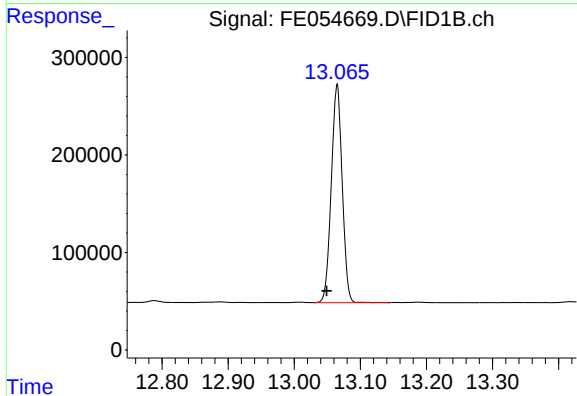
R.T.: 11.751 min
Delta R.T.: 0.015 min
Response: 2603676
Conc: 17.77 ug/ml



#9 ortho-Terphenyl (SURR)

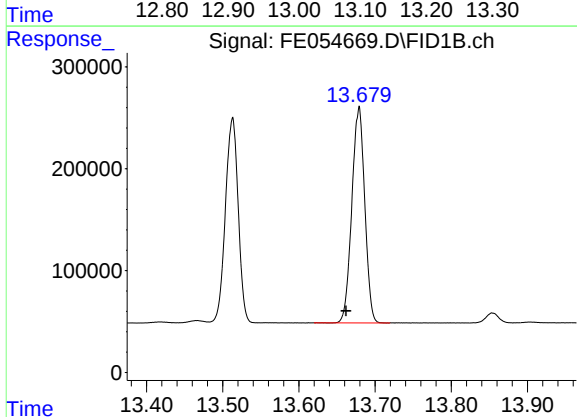
R.T.: 12.076 min
Delta R.T.: 0.017 min
Response: 3124130
Conc: 19.24 ug/ml

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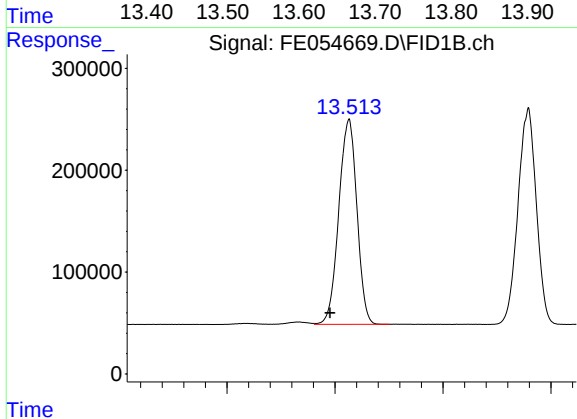
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: 0.016 min
Response: 2566874
Conc: 17.85 ug/ml



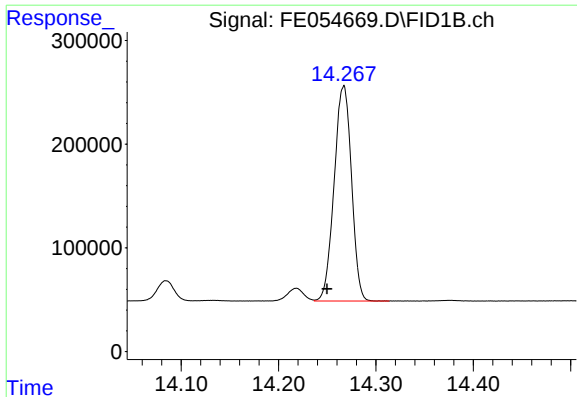
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.017 min
Response: 2500586
Conc: 17.51 ug/ml



#12 1-chlorooctadecane (SURR)

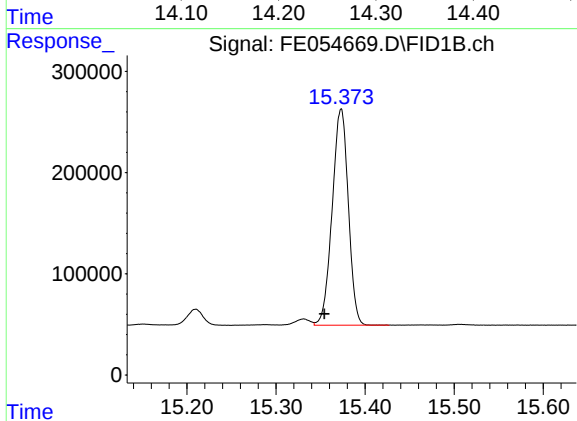
R.T.: 13.513 min
Delta R.T.: 0.017 min
Response: 2352072
Conc: 18.62 ug/ml



#13 n-Docosane (C22)

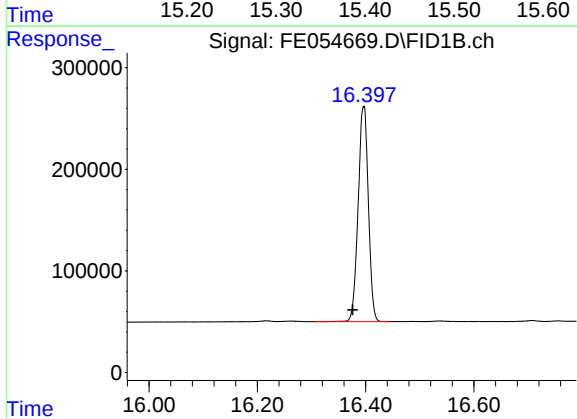
R.T.: 14.267 min
Delta R.T.: 0.017 min
Response: 2570946
Conc: 18.01 ug/ml

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20 PPM ALIPHATIC HC STD



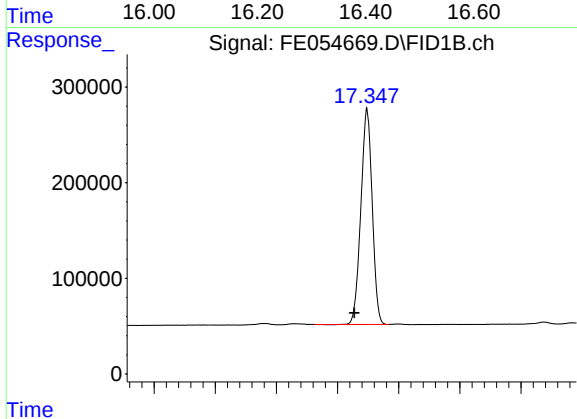
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: 0.019 min
Response: 2689643
Conc: 18.50 ug/ml



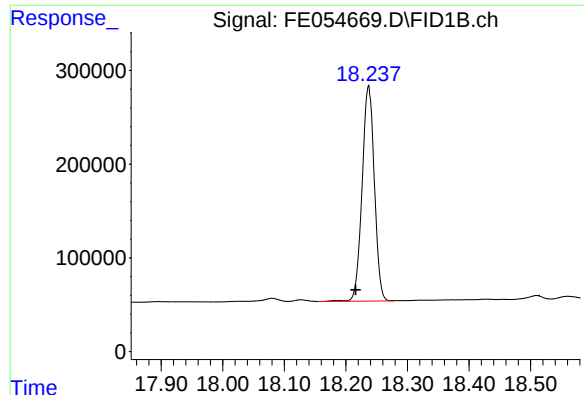
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: 0.020 min
Response: 2777885
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

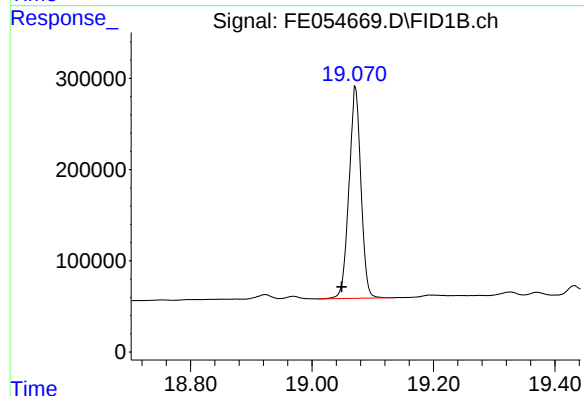
R.T.: 17.348 min
Delta R.T.: 0.021 min
Response: 2909431
Conc: 19.96 ug/ml



#17 n-Tricontane (C30)

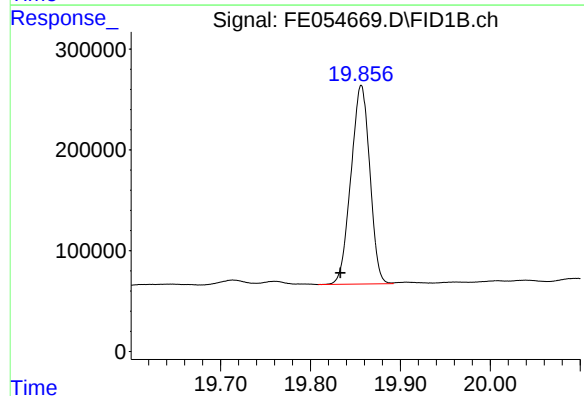
R.T.: 18.237 min
Delta R.T.: 0.021 min
Response: 3174827
Conc: 20.15 ug/ml

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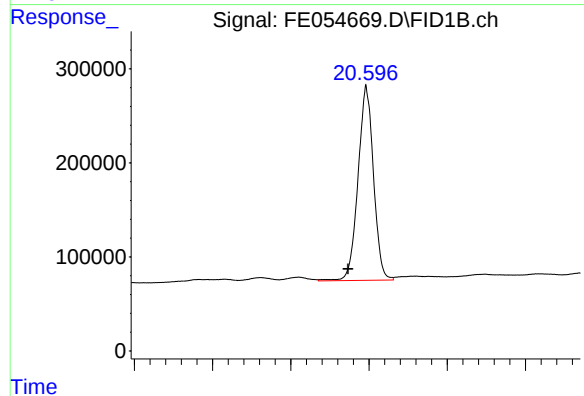
#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: 0.022 min
Response: 3160325
Conc: 19.53 ug/ml



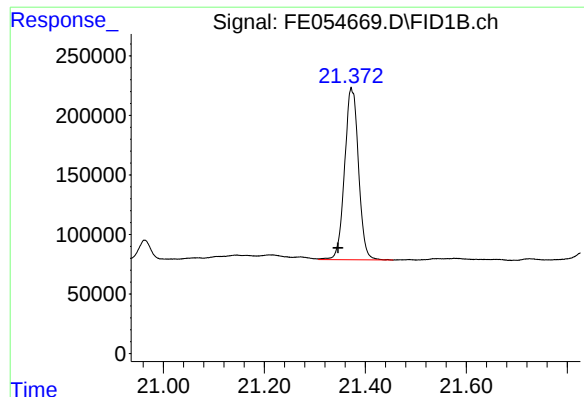
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: 0.023 min
Response: 2870404
Conc: 18.84 ug/ml



#20 n-Hexatriacontane (C36)

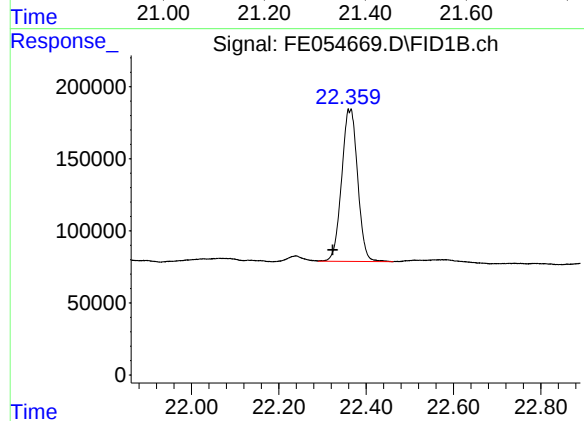
R.T.: 20.597 min
Delta R.T.: 0.023 min
Response: 2841387
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: 0.027 min
Response: 2753287
Conc: 23.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.363 min
Delta R.T.: 0.039 min
Response: 2682775
Conc: 24.75 ug/ml