

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070225AL\
 Data File : FE054681.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2025 22:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 03 05:12:29 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)	12.075	3424138	21.085 ug/ml
Spiked Amount 50.000		Recovery =	42.17%
12) S 1-chlorooctadecane (S...	13.511	2627735	20.807 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	3.421	2929942	21.783 ug/ml
2) T n-Decane (C10)	4.676	3035694	22.248 ug/ml
3) T A~Naphthalene (C11.7)	6.391	3350600	22.129 ug/ml
4) T n-Dodecane (C12)	6.850	3085193	22.486 ug/ml
5) T A~2-methylnaphthalene...	7.491	3259662	22.174 ug/ml
6) T n-Tetradecane (C14)	8.686	3090559	22.294 ug/ml
7) T n-Hexadecane (C16)	10.300	3163477	22.198 ug/ml
8) T n-Octadecane (C18)	11.749	3182929	21.718 ug/ml
10) T n-Eicosane (C20)	13.064	3076235	21.393 ug/ml
11) T n-Heneicosane (C21)	13.678	2979356	20.859 ug/ml
13) T n-Docosane (C22)	14.265	3080622	21.575 ug/ml
14) T n-Tetracosane (C24)	15.372	3222898	22.171 ug/ml
15) T n-Hexacosane (C26)	16.395	3305483	22.841 ug/ml
16) T n-Octacosane (C28)	17.347	3359369	23.051 ug/ml
17) T n-Tricontane (C30)	18.236	3438858	21.822 ug/ml
18) T n-Dotriacontane (C32)	19.070	3241467	20.035 ug/ml
19) T n-Tetratriacontane (C34)	19.854	2861419	18.777 ug/ml
20) T n-Hexatriacontane (C36)	20.594	2472518	18.389 ug/ml
21) T n-Octatriacontane (C38)	21.372	2332934	19.891 ug/ml
22) T n-Tetracontane (C40)	22.360	2252734	20.785 ug/ml

(f)=RT Delta > 1/2 Window

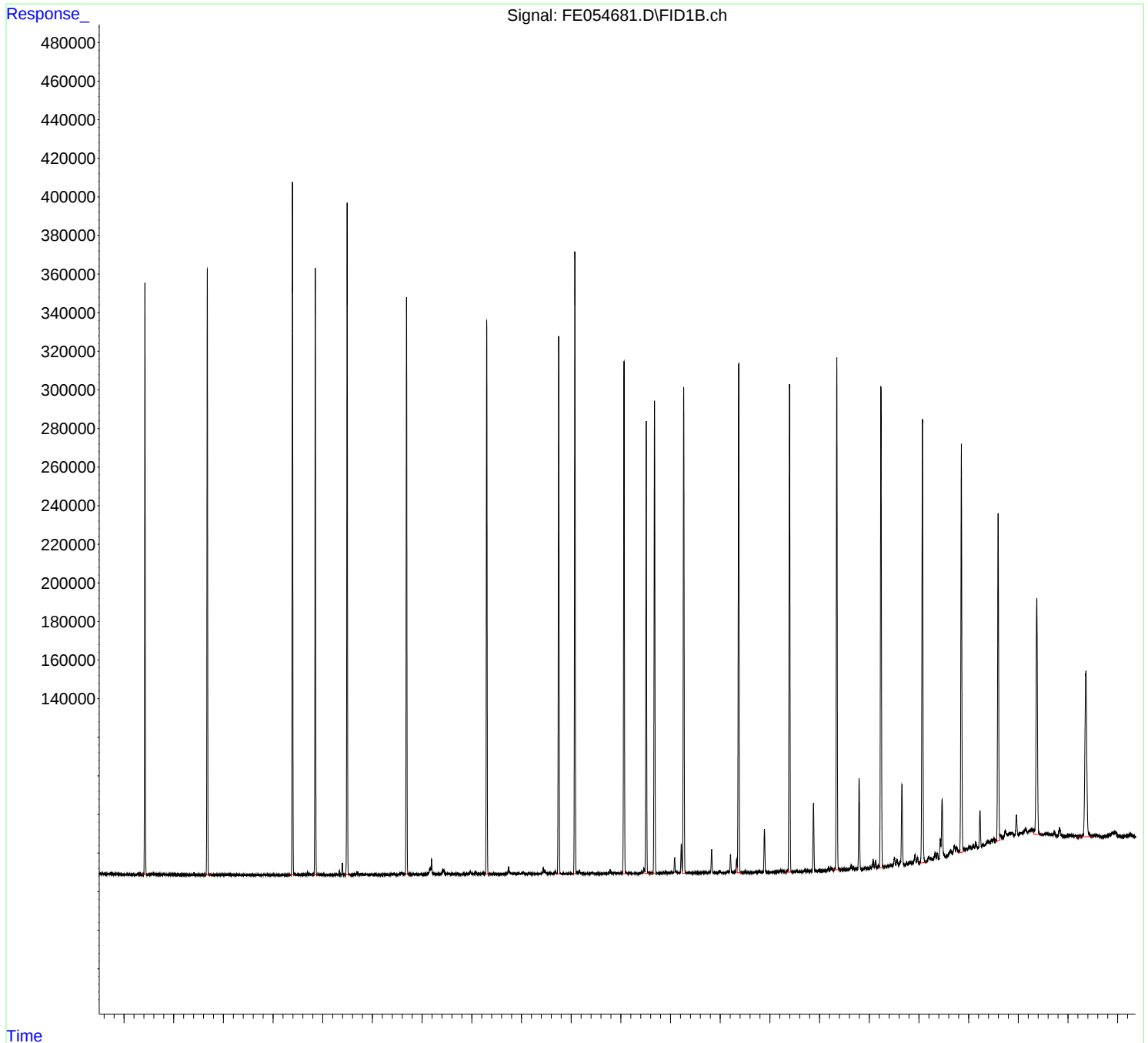
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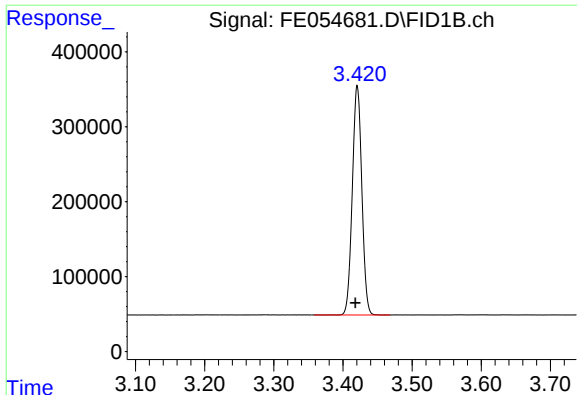
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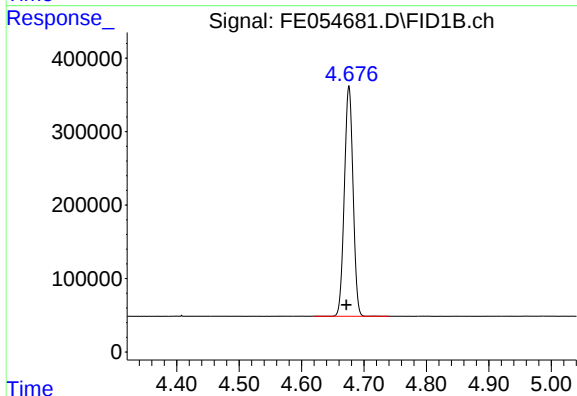




#1 n-Nonane (C9)

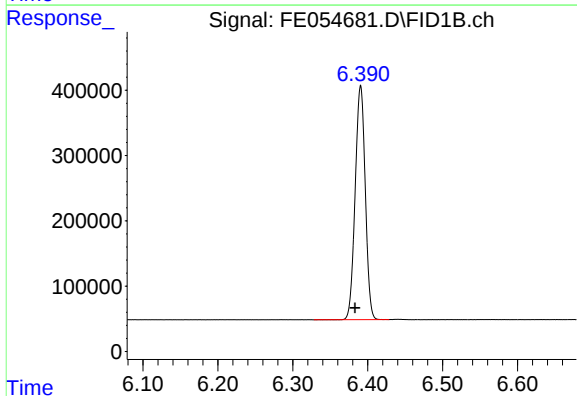
R.T.: 3.421 min
Delta R.T.: 0.003 min
Response: 2929942
Conc: 21.78 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



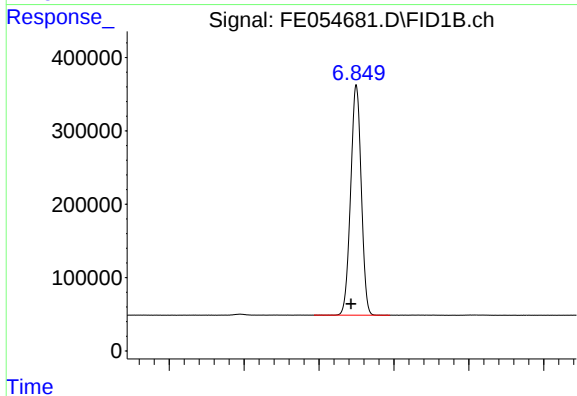
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: 0.004 min
Response: 3035694
Conc: 22.25 ug/ml



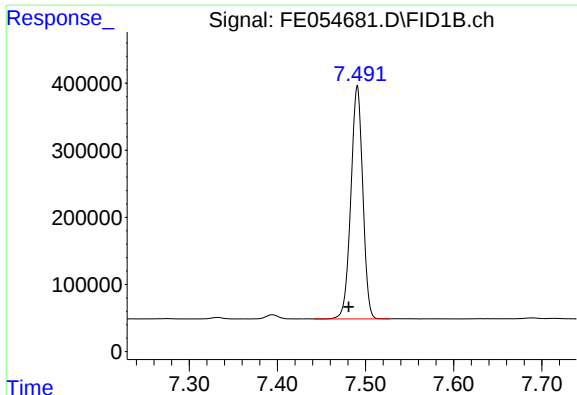
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: 0.007 min
Response: 3350600
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

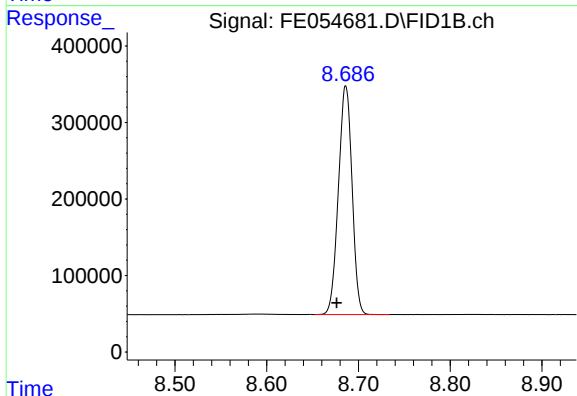
R.T.: 6.850 min
Delta R.T.: 0.007 min
Response: 3085193
Conc: 22.49 ug/ml



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

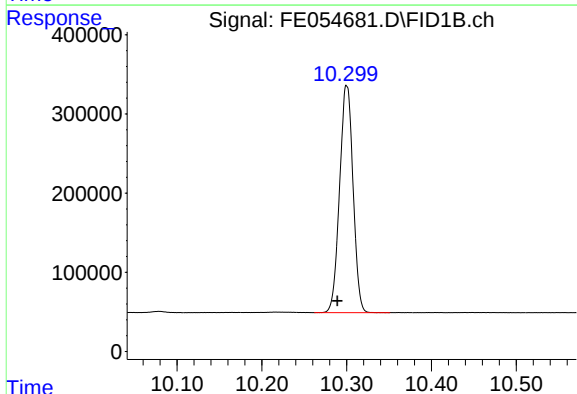
R.T.: 7.491 min
Delta R.T.: 0.010 min
Response: 3259662
Conc: 22.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



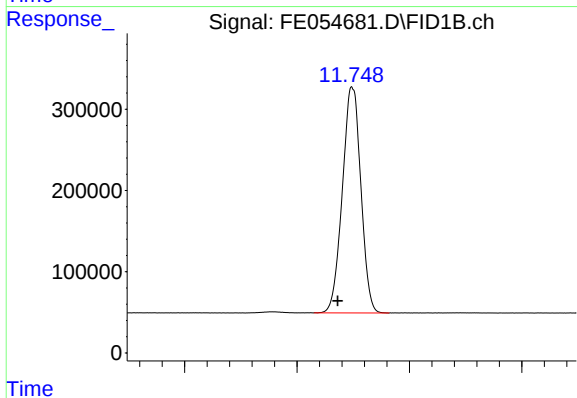
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: 0.010 min
Response: 3090559
Conc: 22.29 ug/ml



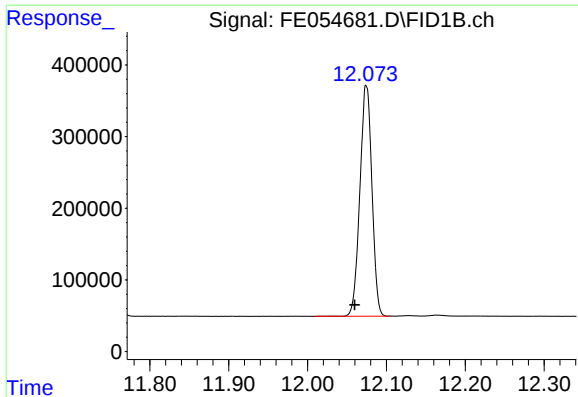
#7 n-Hexadecane (C16)

R.T.: 10.300 min
Delta R.T.: 0.011 min
Response: 3163477
Conc: 22.20 ug/ml



#8 n-Octadecane (C18)

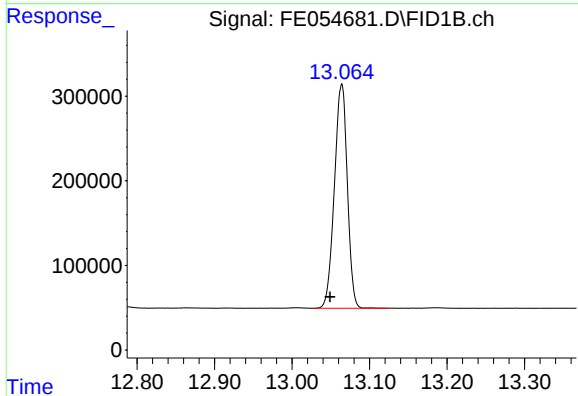
R.T.: 11.749 min
Delta R.T.: 0.013 min
Response: 3182929
Conc: 21.72 ug/ml



#9 ortho-Terphenyl (SURR)

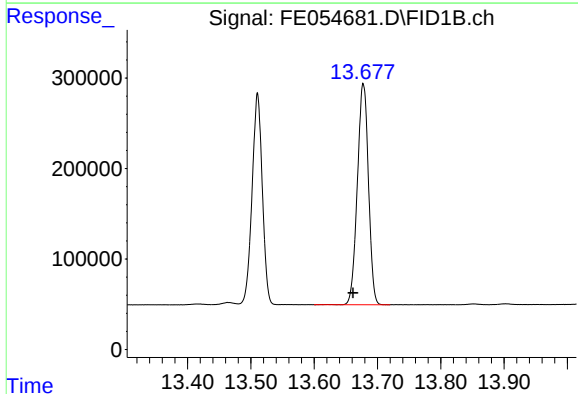
R.T.: 12.075 min
Delta R.T.: 0.015 min
Response: 3424138
Conc: 21.09 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



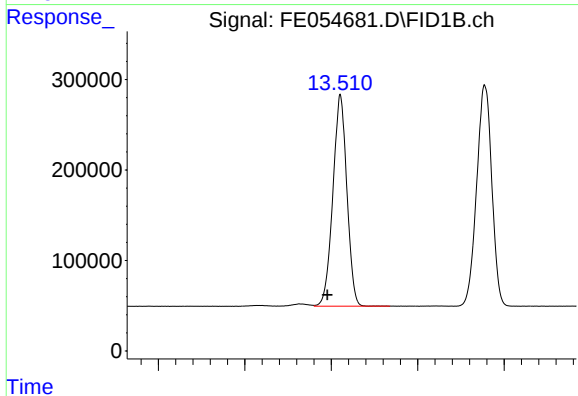
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.015 min
Response: 3076235
Conc: 21.39 ug/ml



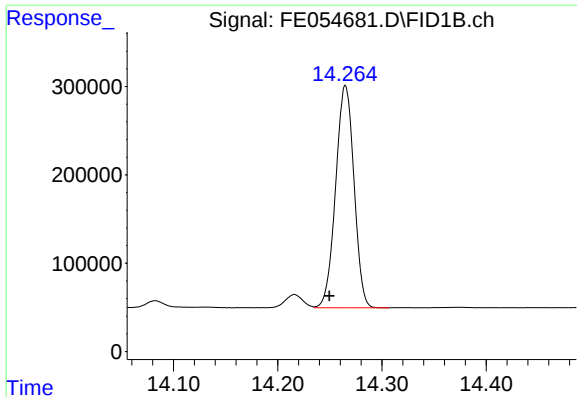
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.016 min
Response: 2979356
Conc: 20.86 ug/ml



#12 1-chlorooctadecane (SURR)

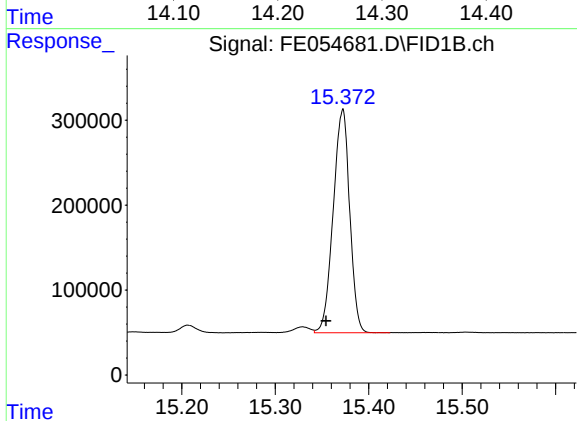
R.T.: 13.511 min
Delta R.T.: 0.015 min
Response: 2627735
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

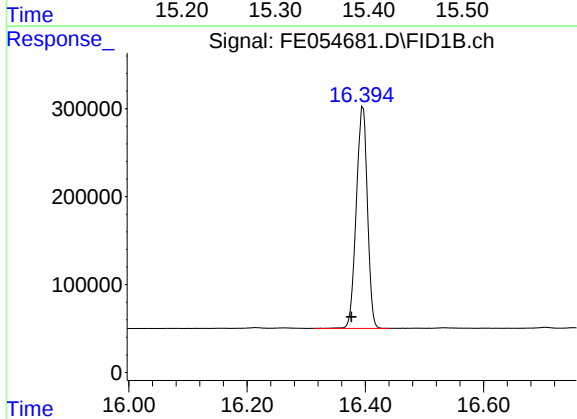
R.T.: 14.265 min
Delta R.T.: 0.015 min
Response: 3080622
Conc: 21.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



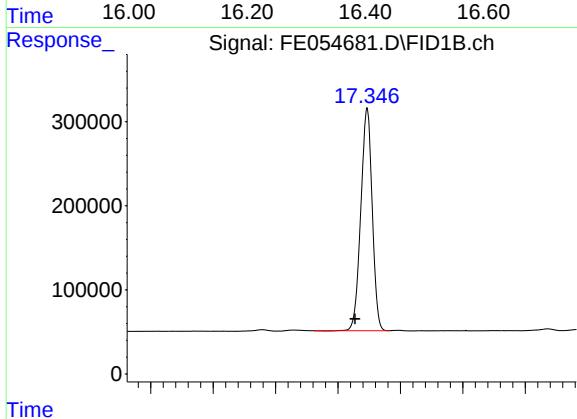
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: 0.018 min
Response: 3222898
Conc: 22.17 ug/ml



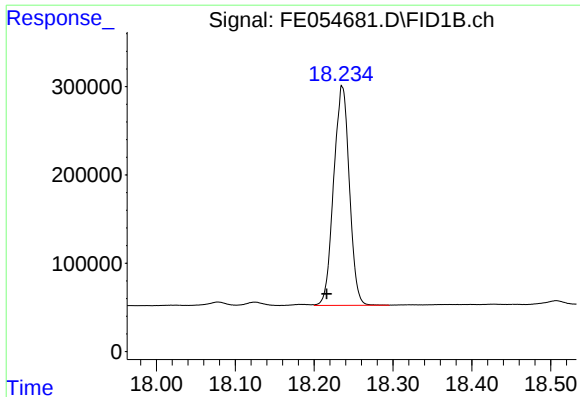
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: 0.019 min
Response: 3305483
Conc: 22.84 ug/ml



#16 n-Octacosane (C28)

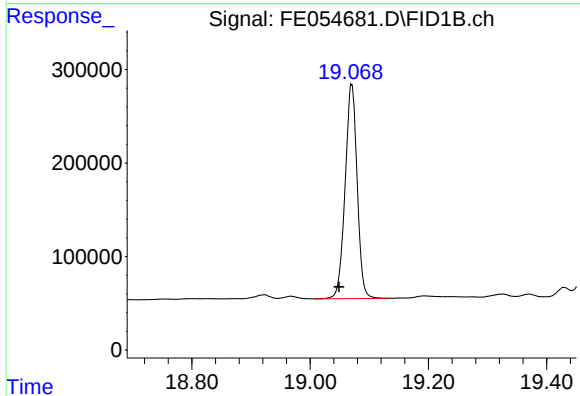
R.T.: 17.347 min
Delta R.T.: 0.019 min
Response: 3359369
Conc: 23.05 ug/ml



#17 n-Tricontane (C30)

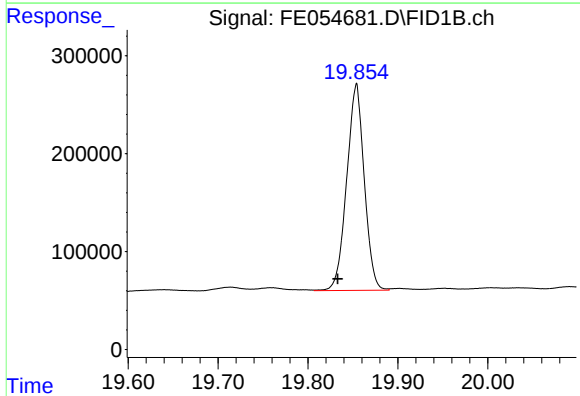
R.T.: 18.236 min
Delta R.T.: 0.020 min
Response: 3438858
Conc: 21.82 ug/ml

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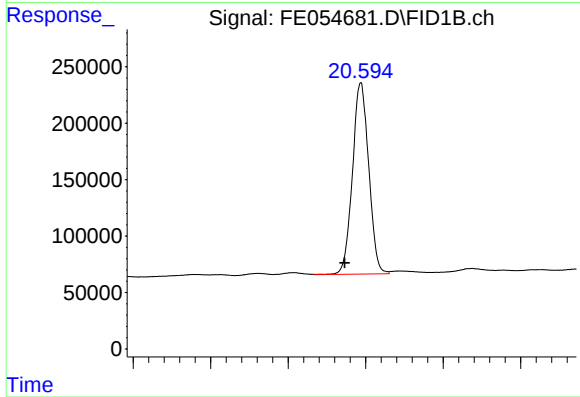
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.021 min
Response: 3241467
Conc: 20.04 ug/ml



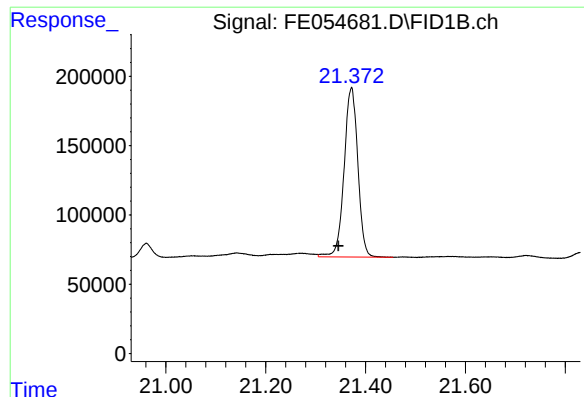
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: 0.020 min
Response: 2861419
Conc: 18.78 ug/ml



#20 n-Hexatriacontane (C36)

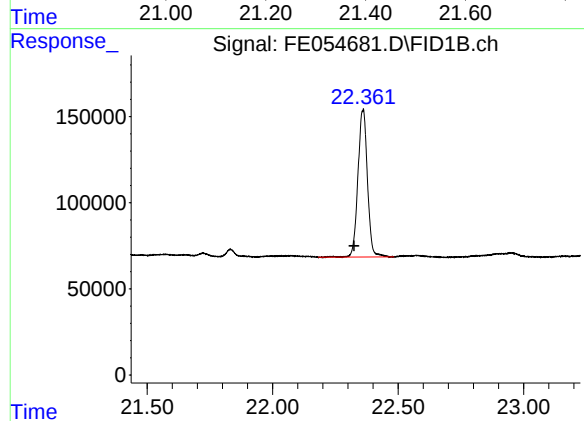
R.T.: 20.594 min
Delta R.T.: 0.020 min
Response: 2472518
Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.026 min
Response: 2332934
Conc: 19.89 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: 0.036 min
Response: 2252734
Conc: 20.78 ug/ml