

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052369.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 15:38
 Operator : YP\AJ
 Sample : Q1353-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 346MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File: autoint1.e
 Quant Time: Feb 13 00:27:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.325	3665284	29.614 ug/mlm
Spiked Amount 50.000		Recovery =	59.23%
12) S 1-chlorooctadecane (S...	13.736	3059953	31.005 ug/ml
Spiked Amount 50.000		Recovery =	62.01%
Target Compounds			
1) T n-Nonane (C9)	3.794	2551593	27.318 ug/ml
2) T n-Decane (C10)	5.021	2924283	30.451 ug/ml
3) T A~Naphthalene (C11.7)	6.723	3643785	34.095 ug/ml
4) T n-Dodecane (C12)	7.149	3273310	33.025 ug/ml
5) T A~2-methylnaphthalene...	7.804	3536369	33.766 ug/ml
6) T n-Tetradecane (C14)	8.958	3608819	35.762 ug/ml
7) T n-Hexadecane (C16)	10.552	3791078	34.936 ug/ml
8) T n-Octadecane (C18)	11.987	3887352	34.219 ug/ml
10) T n-Eicosane (C20)	13.290	3983127	35.295 ug/ml
11) T n-Heneicosane (C21)	13.898	3849809	34.186 ug/ml
13) T n-Docosane (C22)	14.481	3802547	33.595 ug/ml
14) T n-Tetracosane (C24)	15.565	7845850	68.238 ug/ml
15) T n-Hexacosane (C26)	16.596	3645068	31.784 ug/ml
16) T n-Octacosane (C28)	17.540	3546663	31.346 ug/ml
17) T n-Tricontane (C30)	18.426	3569959	31.329 ug/ml
18) T n-Dotriacontane (C32)	19.254	3471797	31.844 ug/ml
19) T n-Tetratriacontane (C34)	20.034	3254985	34.309 ug/mlm
20) T n-Hexatriacontane (C36)	20.772	3073304	37.194 ug/ml
21) T n-Octatriacontane (C38)	21.590	3186036	42.886 ug/ml
22) T n-Tetracontane (C40)	22.637	3357211	45.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q1353-01MS
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ALS Vial : 16 Sample Multiplier: 1

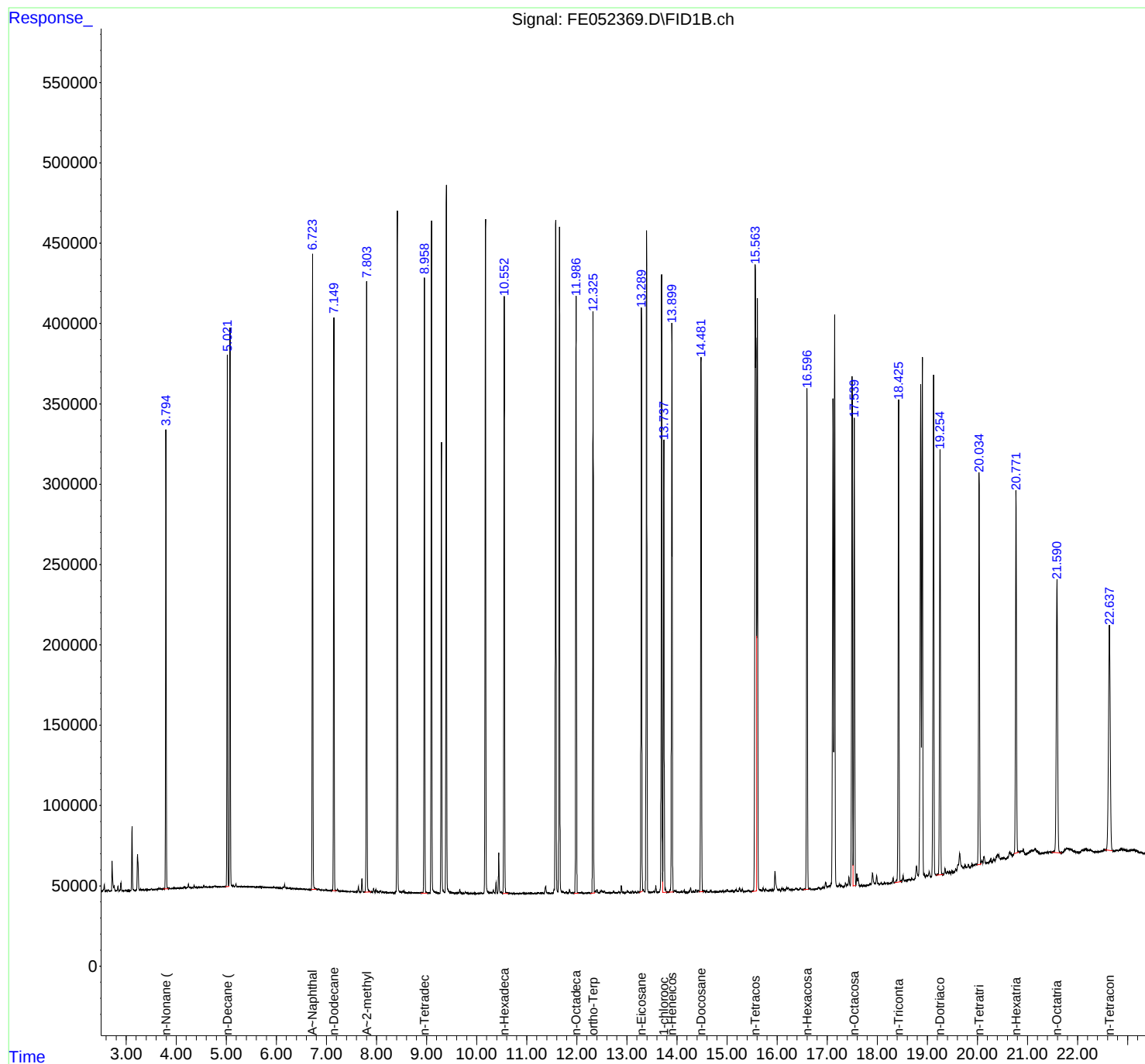
Instrument :
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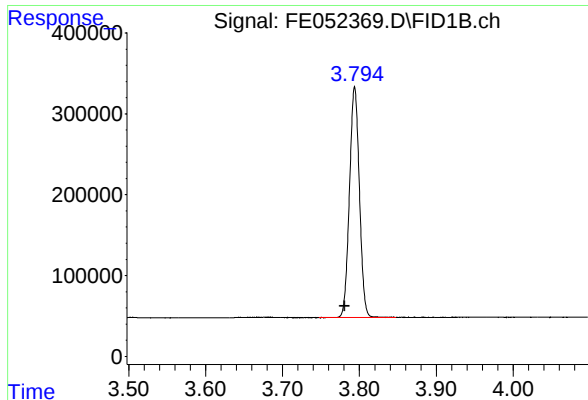
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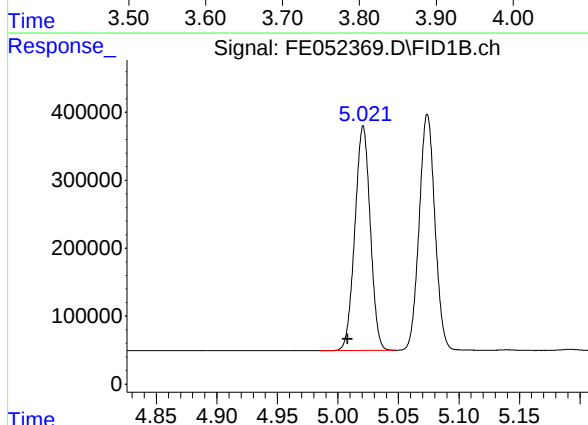
#1 n-Nonane (C9)

R.T.: 3.794 min
Delta R.T.: 0.013 min
Response: 2551593
Conc: 27.32 ug/ml

Instrument :
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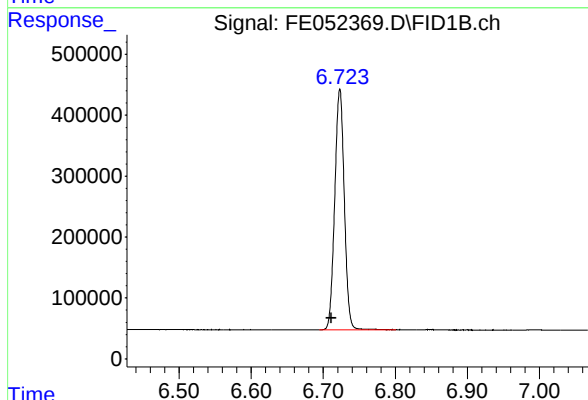
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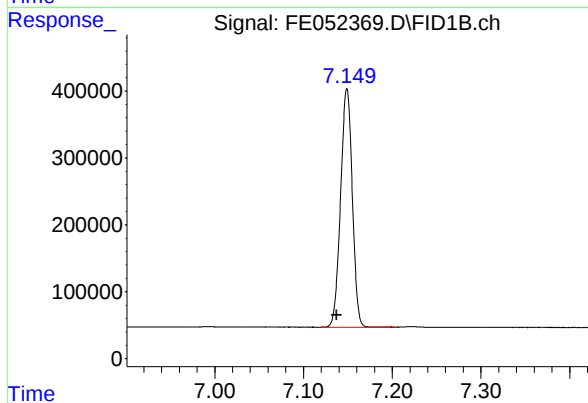
#2 n-Decane (C10)

R.T.: 5.021 min
Delta R.T.: 0.013 min
Response: 2924283
Conc: 30.45 ug/ml



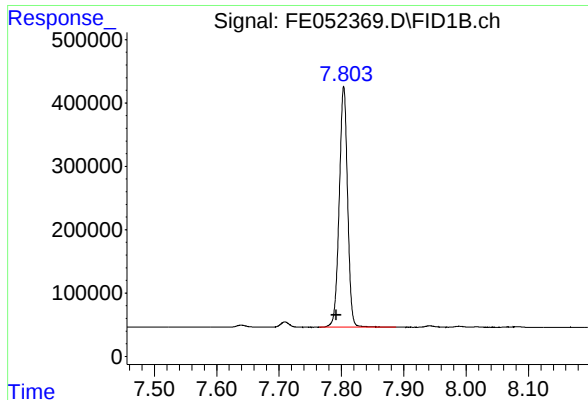
#3 A~Naphthalene (C11.7)

R.T.: 6.723 min
Delta R.T.: 0.012 min
Response: 3643785
Conc: 34.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.149 min
Delta R.T.: 0.011 min
Response: 3273310
Conc: 33.02 ug/ml



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

R.T.: 7.804 min
Delta R.T.: 0.012 min
Response: 3536369
Conc: 33.77 ug/ml

Instrument :

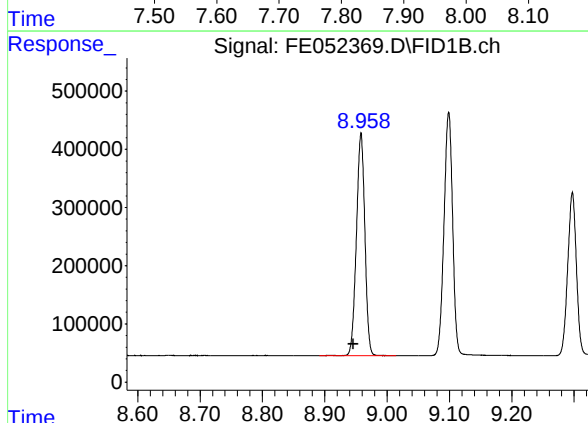
FID_E

ClientSampleId :

346MS

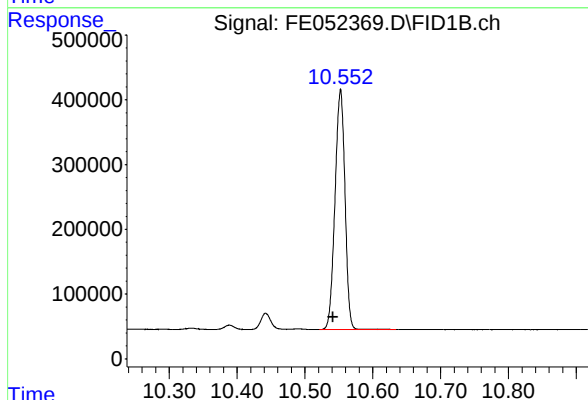
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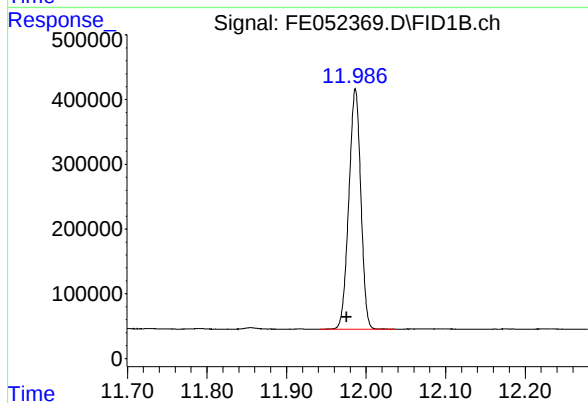
#6 n-Tetradecane (C14)

R.T.: 8.958 min
Delta R.T.: 0.012 min
Response: 3608819
Conc: 35.76 ug/ml



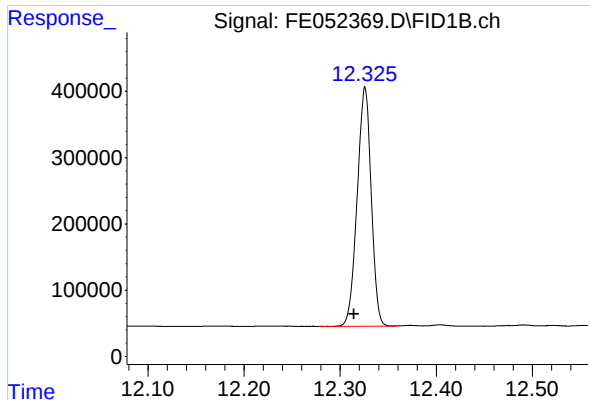
#7 n-Hexadecane (C16)

R.T.: 10.552 min
Delta R.T.: 0.011 min
Response: 3791078
Conc: 34.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.987 min
Delta R.T.: 0.011 min
Response: 3887352
Conc: 34.22 ug/ml



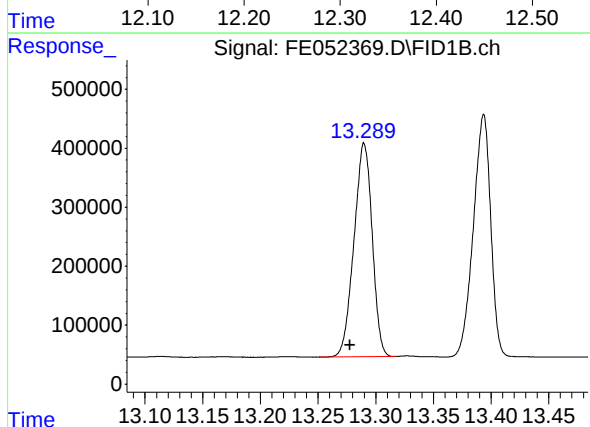
#9 ortho-Terphenyl (SURR)

R.T.: 12.325 min
Delta R.T.: 0.011 min
Response: 3665284
Conc: 29.61 ug/ml

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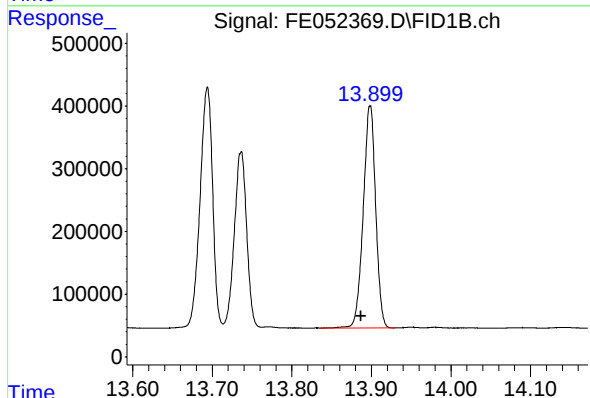
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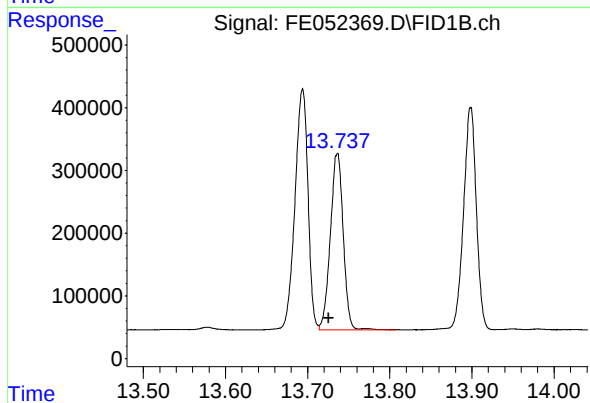
#10 n-Eicosane (C20)

R.T.: 13.290 min
Delta R.T.: 0.012 min
Response: 3983127
Conc: 35.30 ug/ml



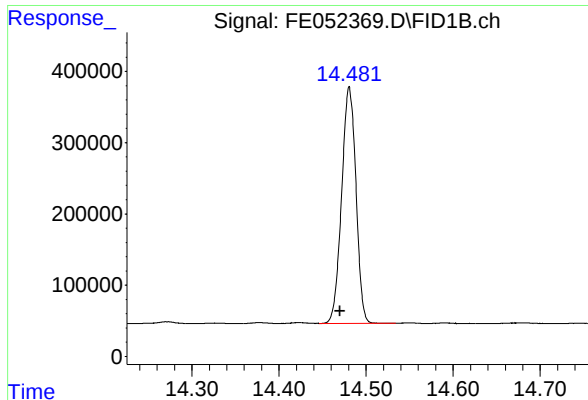
#11 n-Heneicosane (C21)

R.T.: 13.898 min
Delta R.T.: 0.012 min
Response: 3849809
Conc: 34.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.736 min
Delta R.T.: 0.011 min
Response: 3059953
Conc: 31.01 ug/ml



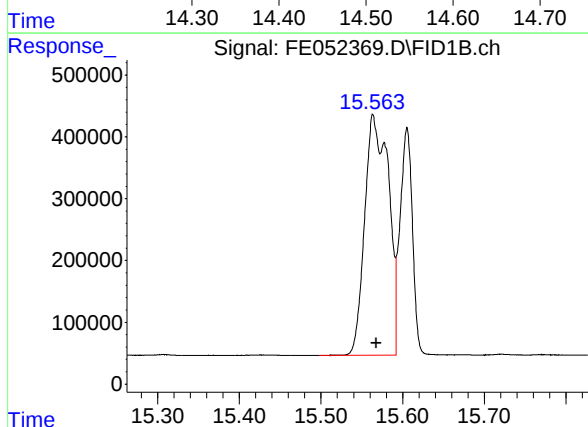
#13 n-Docosane (C22)

R.T.: 14.481 min
Delta R.T.: 0.011 min
Response: 3802547
Conc: 33.59 ug/ml

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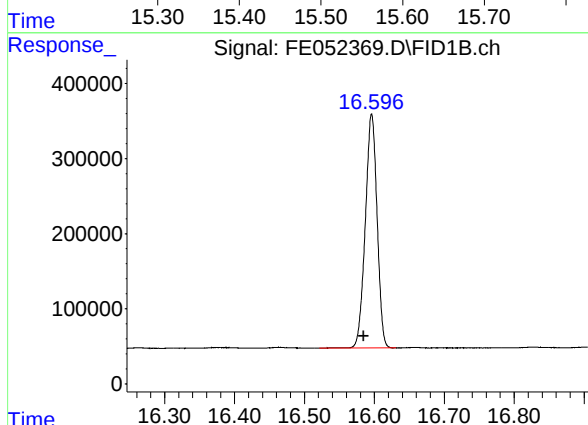
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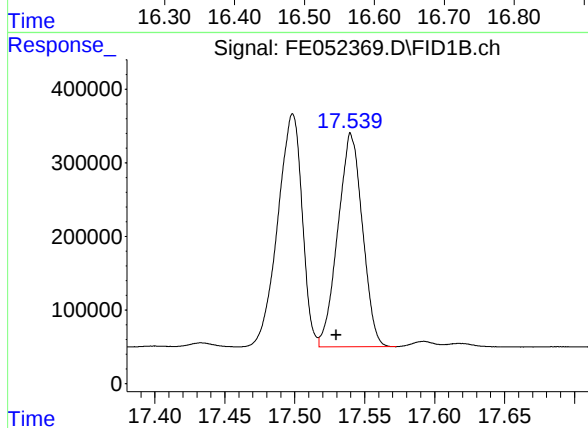
#14 n-Tetracosane (C24)

R.T.: 15.565 min
Delta R.T.: -0.003 min
Response: 7845850
Conc: 68.24 ug/ml



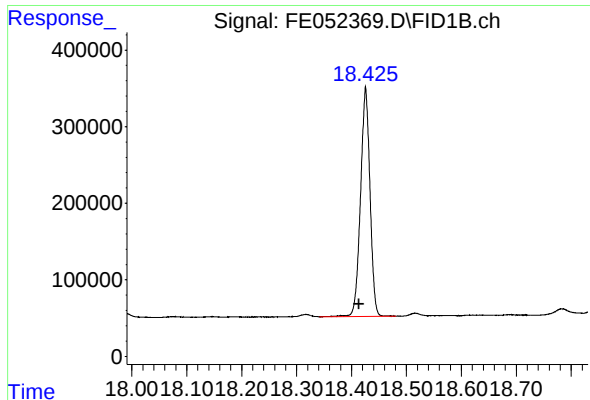
#15 n-Hexacosane (C26)

R.T.: 16.596 min
Delta R.T.: 0.012 min
Response: 3645068
Conc: 31.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.540 min
Delta R.T.: 0.011 min
Response: 3546663
Conc: 31.35 ug/ml



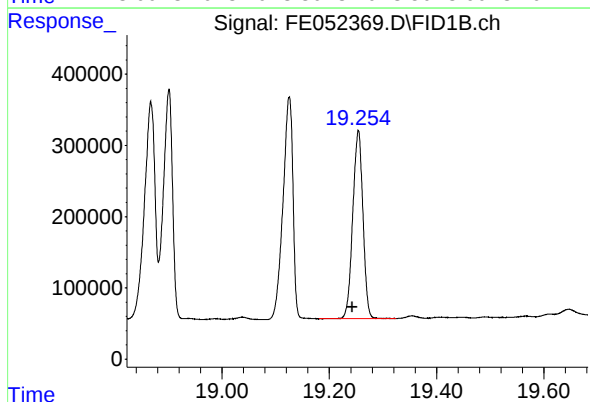
#17 n-Tricontane (C30)

R.T.: 18.426 min
Delta R.T.: 0.012 min
Response: 3569959
Conc: 31.33 ug/ml

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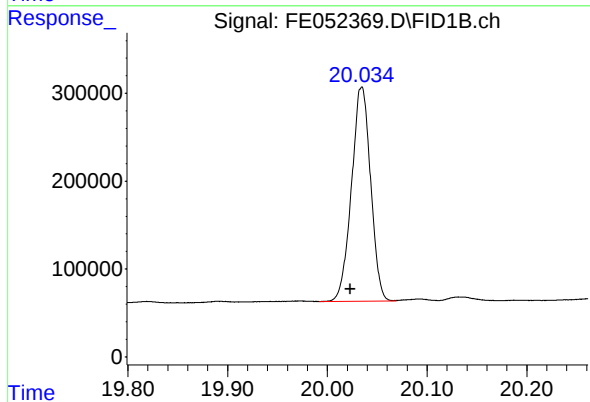
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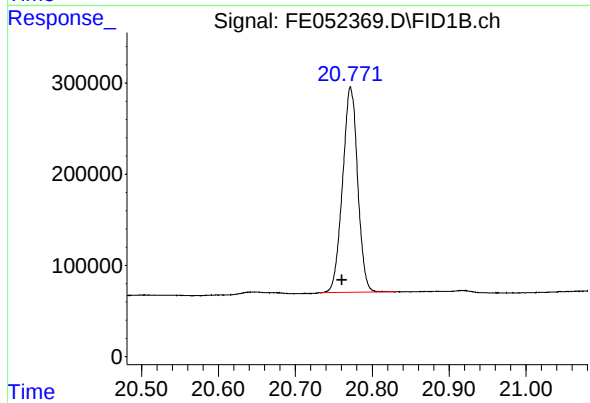
#18 n-Dotriacontane (C32)

R.T.: 19.254 min
Delta R.T.: 0.011 min
Response: 3471797
Conc: 31.84 ug/ml



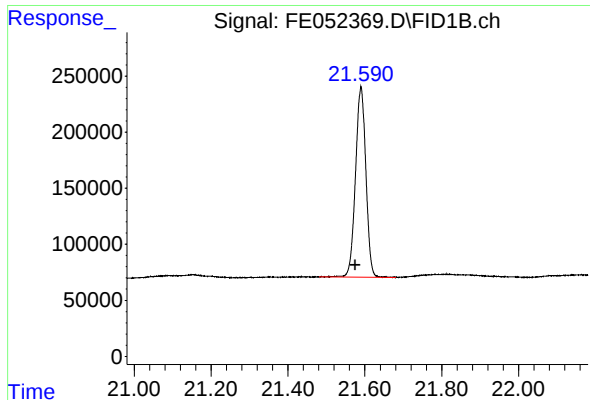
#19 n-Tetratriacontane (C34)

R.T.: 20.034 min
Delta R.T.: 0.011 min
Response: 3254985
Conc: 34.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.772 min
Delta R.T.: 0.011 min
Response: 3073304
Conc: 37.19 ug/ml



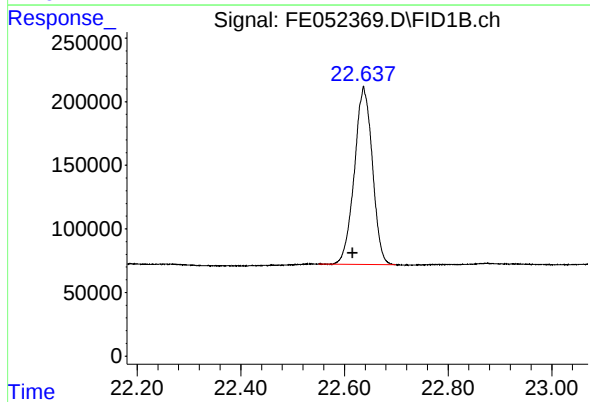
#21 n-Octatriacontane (C38)

R.T.: 21.590 min
Delta R.T.: 0.015 min
Response: 3186036
Conc: 42.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.637 min
Delta R.T.: 0.021 min
Response: 3357211
Conc: 45.03 ug/ml