

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053671.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 16:32
 Operator : YP\AJ
 Sample : Q1951-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-KKMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File: sample.E

Quant Time: May 07 03:27:53 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 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)	11.864	4776388	26.482 ug/ml
Spiked Amount 50.000		Recovery =	52.96%
12) S 1-chlorooctadecane (S...	13.308	3786130	28.009 ug/ml
Spiked Amount 50.000		Recovery =	56.02%
Target Compounds			
1) T n-Nonane (C9)	3.212	4538524	33.103 ug/ml
2) T n-Decane (C10)	4.474	5086650	36.770 ug/ml
3) T A~Naphthalene (C11.7)	6.184	6144983	40.710 ug/ml
4) T n-Dodecane (C12)	6.653	5508243	39.275 ug/ml
5) T A~2-methylnaphthalene...	7.286	5831010	39.055 ug/ml
6) T n-Tetradecane (C14)	8.490	6005883	42.811 ug/ml
7) T n-Hexadecane (C16)	10.102	6507167	45.402 ug/ml
8) T n-Octadecane (C18)	11.550	6743607	46.273 ug/ml
10) T n-Eicosane (C20)	12.865	6965358	47.868 ug/ml
11) T n-Heneicosane (C21)	13.478	6651882	45.924 ug/ml
13) T n-Docosane (C22)	14.066	6614237	45.836 ug/ml
14) T n-Tetracosane (C24)	15.161	13208902	91.958 ug/ml
15) T n-Hexacosane (C26)	16.196	6338559	44.755 ug/ml
16) T n-Octacosane (C28)	17.146	6529910	46.935 ug/ml
17) T n-Tricontane (C30)	18.038	6086635	43.727 ug/ml
18) T n-Dotriacontane (C32)	18.870	6003468	43.723 ug/ml
19) T n-Tetratriacontane (C34)	19.656	5879553	45.125 ug/ml
20) T n-Hexatriacontane (C36)	20.397	5736372	45.438 ug/ml
21) T n-Octatriacontane (C38)	21.130	5523419	45.337 ug/ml
22) T n-Tetracontane (C40)	22.035	5583422	46.754 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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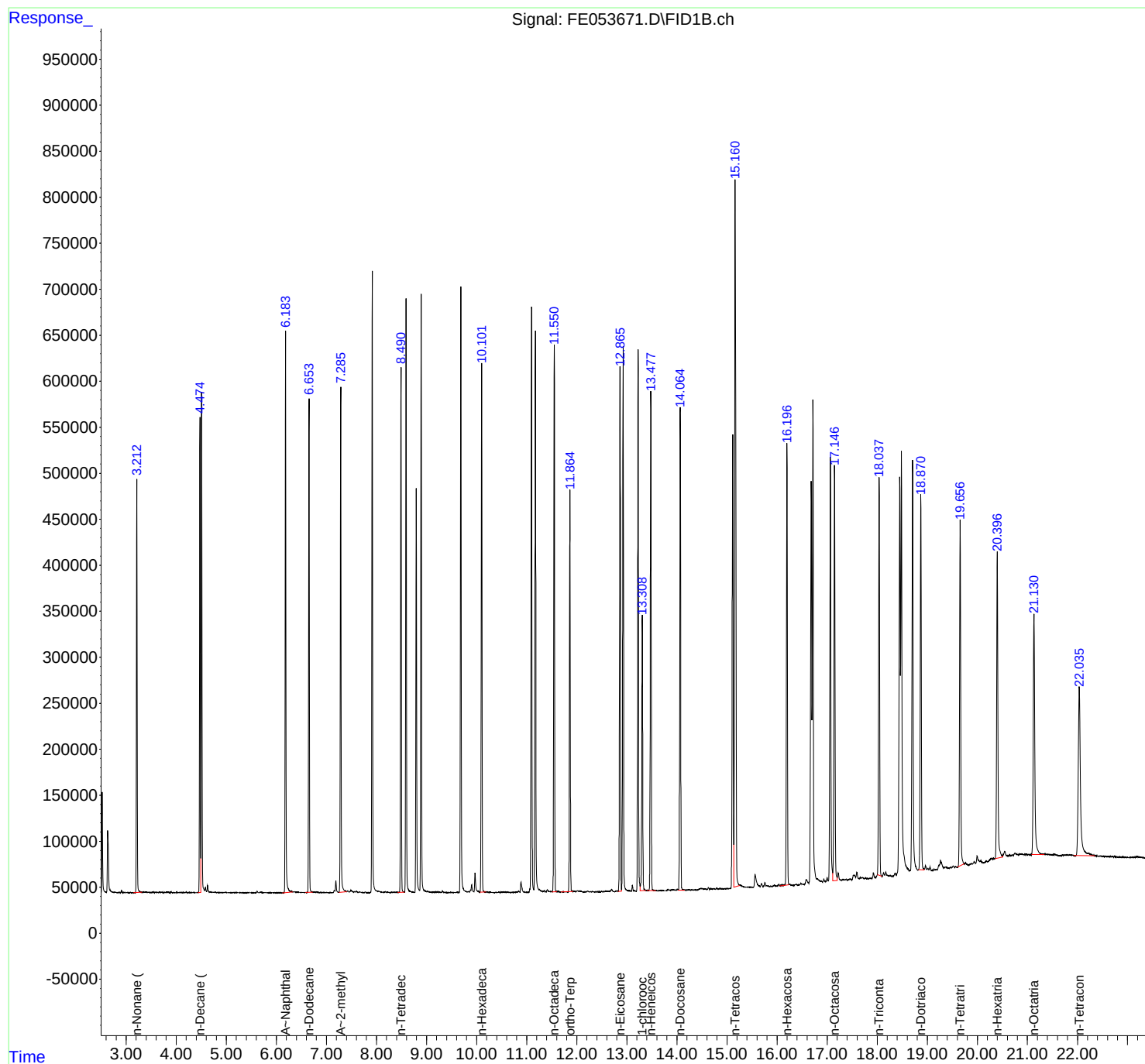
Instrument :
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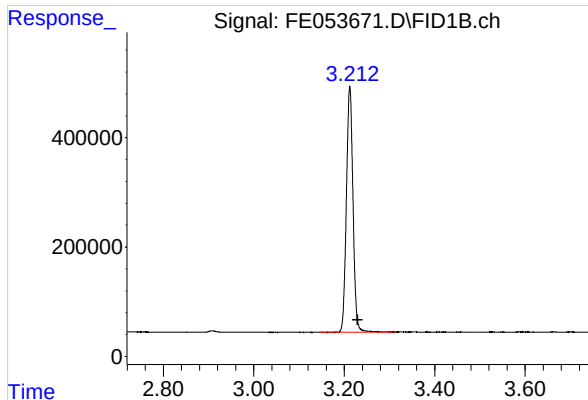
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Quant Title : GC Extractables
QLast Update : Tue Apr 29 06:49:03 2025
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: -0.018 min
Response: 4538524
Conc: 33.10 ug/ml

Instrument :

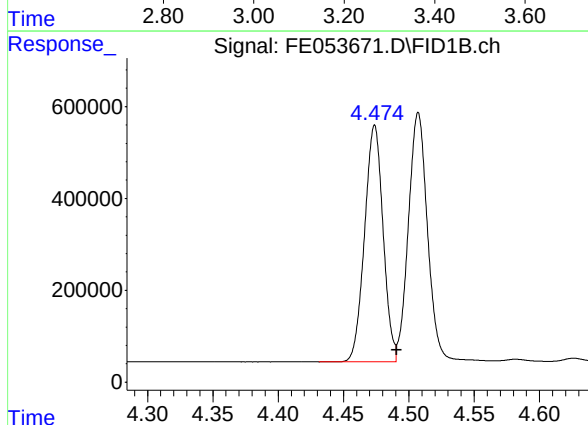
FID_E

ClientSampleId :

MH-KKMSD

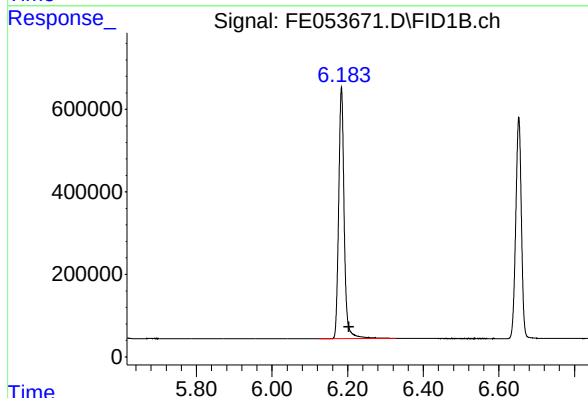
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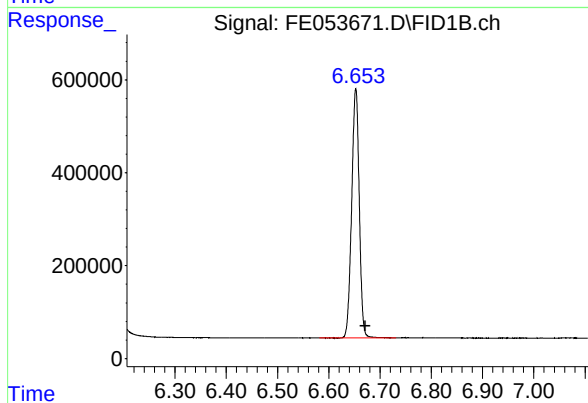
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.017 min
Response: 5086650
Conc: 36.77 ug/ml



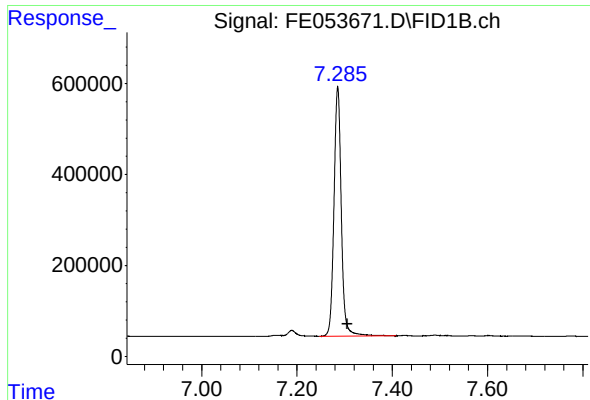
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.020 min
Response: 6144983
Conc: 40.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.653 min
Delta R.T.: -0.018 min
Response: 5508243
Conc: 39.27 ug/ml



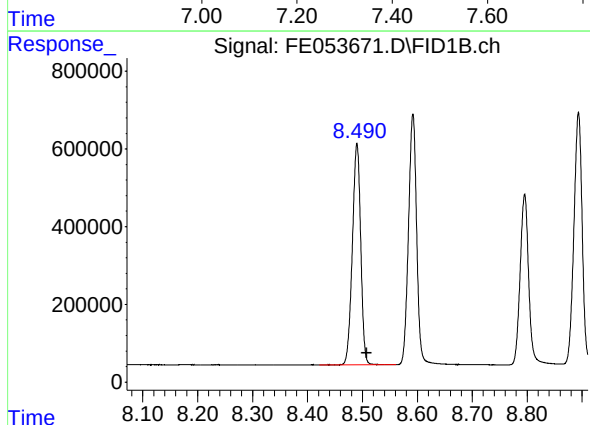
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.286 min
Delta R.T.: -0.020 min
Response: 5831010
Conc: 39.05 ug/ml

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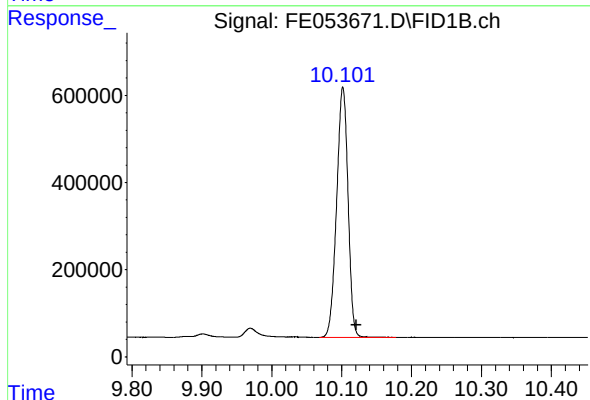
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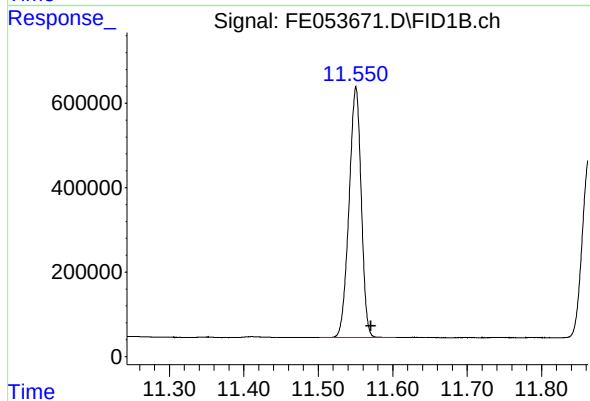
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: -0.018 min
Response: 6005883
Conc: 42.81 ug/ml



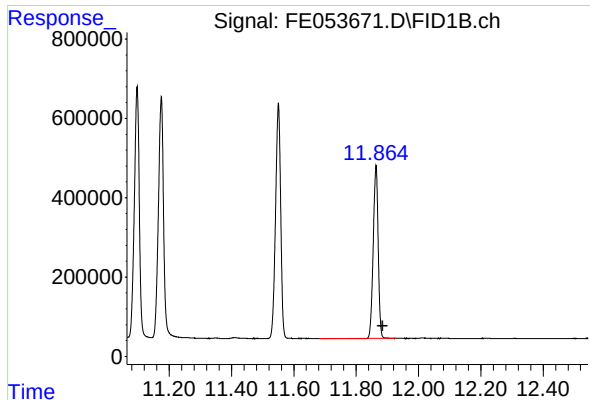
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.019 min
Response: 6507167
Conc: 45.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.550 min
Delta R.T.: -0.020 min
Response: 6743607
Conc: 46.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.022 min
Response: 4776388
Conc: 26.48 ug/ml

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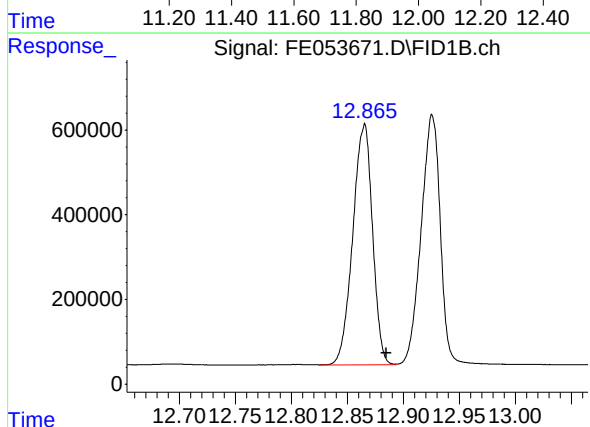
MH-KKMSD

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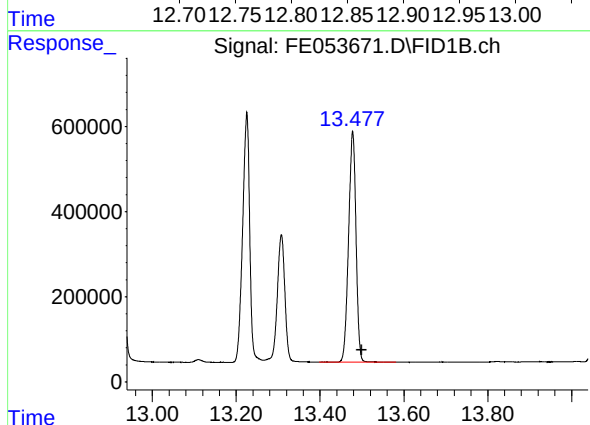
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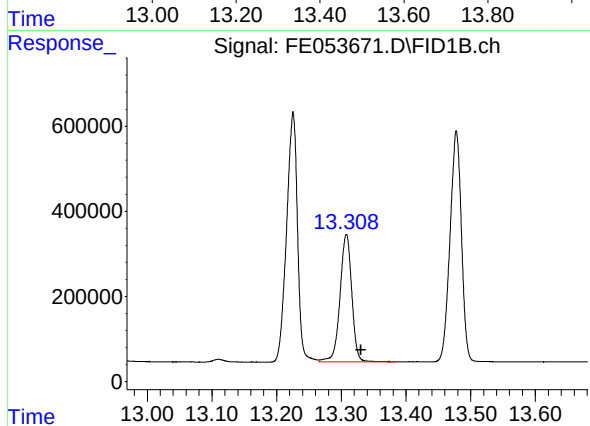
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.020 min
Response: 6965358
Conc: 47.87 ug/ml



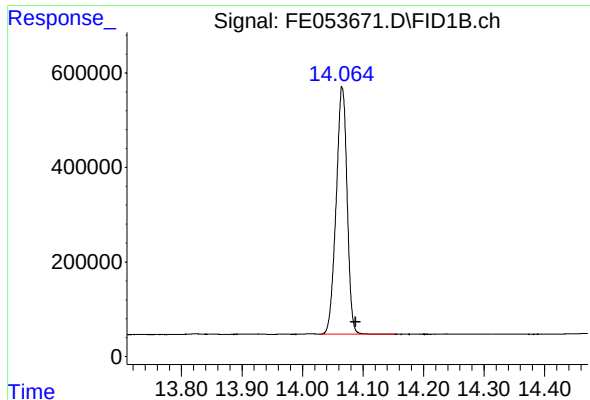
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.021 min
Response: 6651882
Conc: 45.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.023 min
Response: 3786130
Conc: 28.01 ug/ml



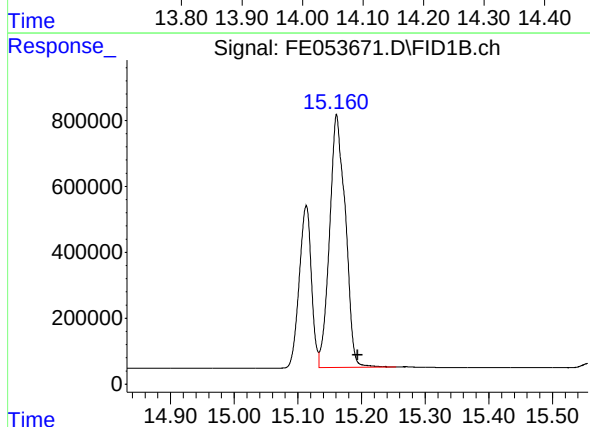
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.022 min
Response: 6614237
Conc: 45.84 ug/ml

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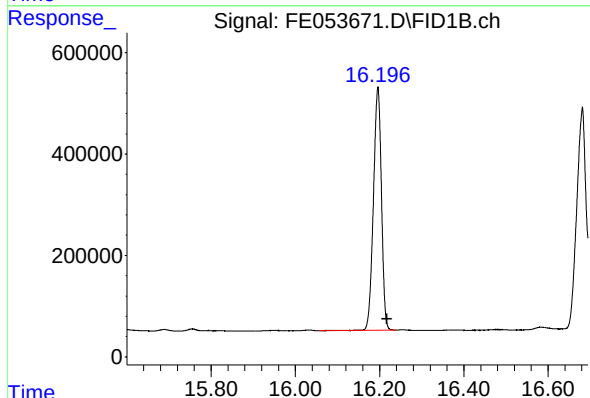
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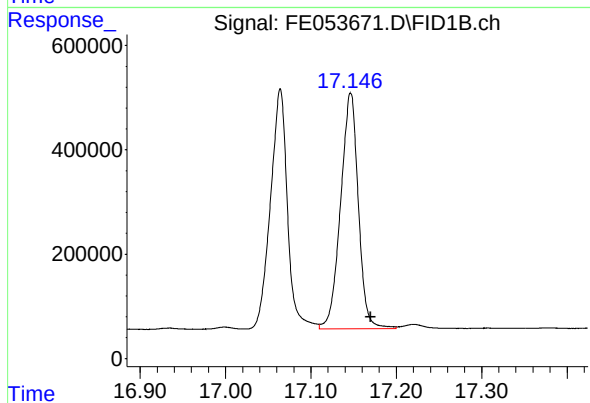
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.033 min
Response: 13208902
Conc: 91.96 ug/ml



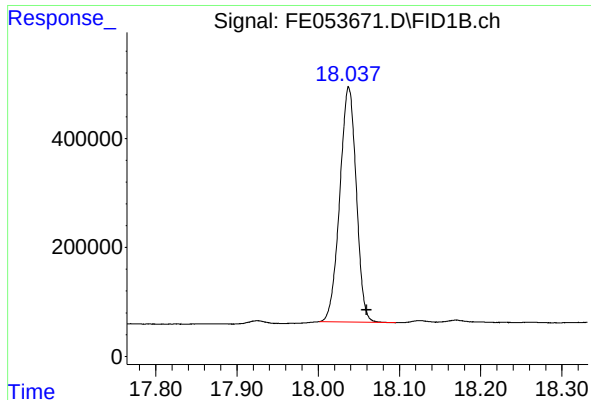
#15 n-Hexacosane (C26)

R.T.: 16.196 min
Delta R.T.: -0.022 min
Response: 6338559
Conc: 44.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.024 min
Response: 6529910
Conc: 46.94 ug/ml



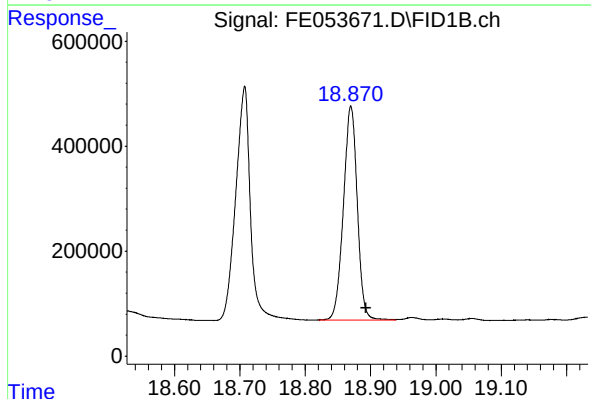
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.022 min
Response: 6086635
Conc: 43.73 ug/ml

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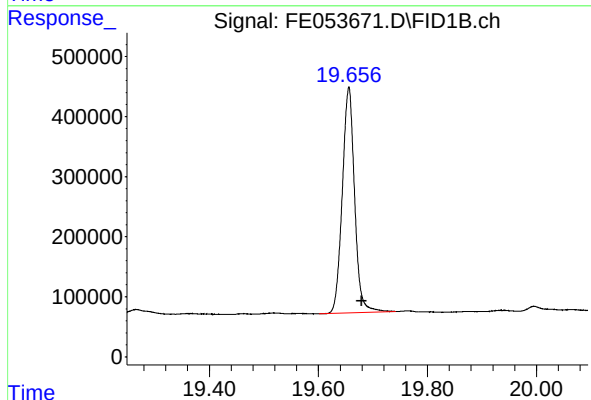
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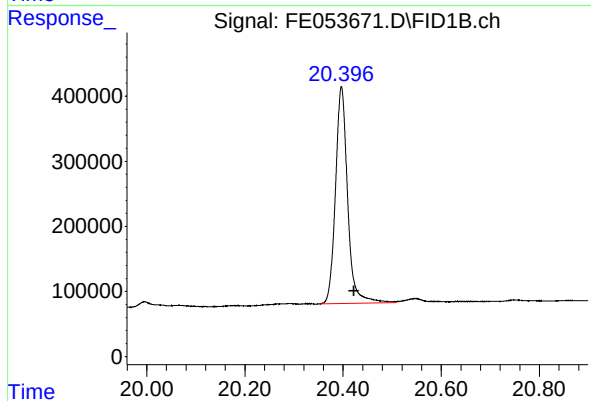
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.023 min
Response: 6003468
Conc: 43.72 ug/ml



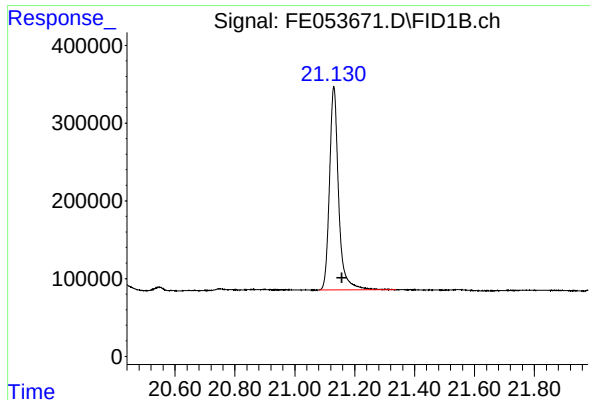
#19 n-Tetatriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.024 min
Response: 5879553
Conc: 45.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min
Delta R.T.: -0.025 min
Response: 5736372
Conc: 45.44 ug/ml



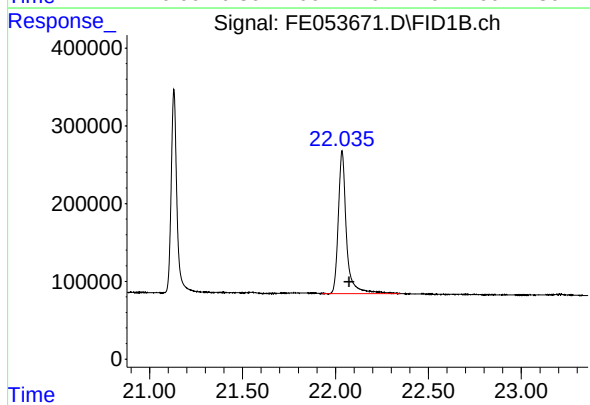
#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 5523419
Conc: 45.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.038 min
Response: 5583422
Conc: 46.75 ug/ml