

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054892.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 09:02
 Operator : YP\AJ
 Sample : PB168876BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168876BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e

Quant Time: Jul 17 09:42:20 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M

Quant Title : GC Extractables

QLast Update : Tue Jul 08 07:45:12 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)	12.097	5212368	32.097 ug/ml
Spiked Amount 50.000		Recovery =	64.19%
12) S 1-chlorooctadecane (S...	13.532	4104605	32.500 ug/ml
Spiked Amount 50.000		Recovery =	65.00%
Target Compounds			
1) T n-Nonane (C9)	3.441	5190098	38.586 ug/ml
2) T n-Decane (C10)	4.696	5700110	41.775 ug/ml
3) T A~Naphthalene (C11.7)	6.412	7250287	47.884 ug/ml
4) T n-Dodecane (C12)	6.867	6031810	43.961 ug/ml
5) T A~2-methylnaphthalene...	7.513	6819677	46.391 ug/ml
6) T n-Tetradecane (C14)	8.705	6108609	44.065 ug/ml
7) T n-Hexadecane (C16)	10.319	6205360	43.543 ug/ml
8) T n-Octadecane (C18)	11.770	6155293	42.000 ug/ml
10) T n-Eicosane (C20)	13.085	6258739	43.526 ug/ml
11) T n-Heneicosane (C21)	13.699	5947394	41.639 ug/ml
13) T n-Docosane (C22)	14.287	5861337	41.049 ug/ml
14) T n-Tetracosane (C24)	15.396	12387749	85.218 ug/ml
15) T n-Hexacosane (C26)	16.419	5669569	39.177 ug/ml
16) T n-Octacosane (C28)	17.370	5632197	38.646 ug/ml
17) T n-Tricontane (C30)	18.260	5739869	36.424 ug/ml
18) T n-Dotriacontane (C32)	19.094	5814804	35.941 ug/ml
19) T n-Tetratriacontane (C34)	19.881	6323072	41.492 ug/mlm
20) T n-Hexatriacontane (C36)	20.620	6405456	47.640 ug/ml
21) T n-Octatriacontane (C38)	21.407	7108646	60.611 ug/ml
22) T n-Tetracontane (C40)	22.405	6875317	63.435 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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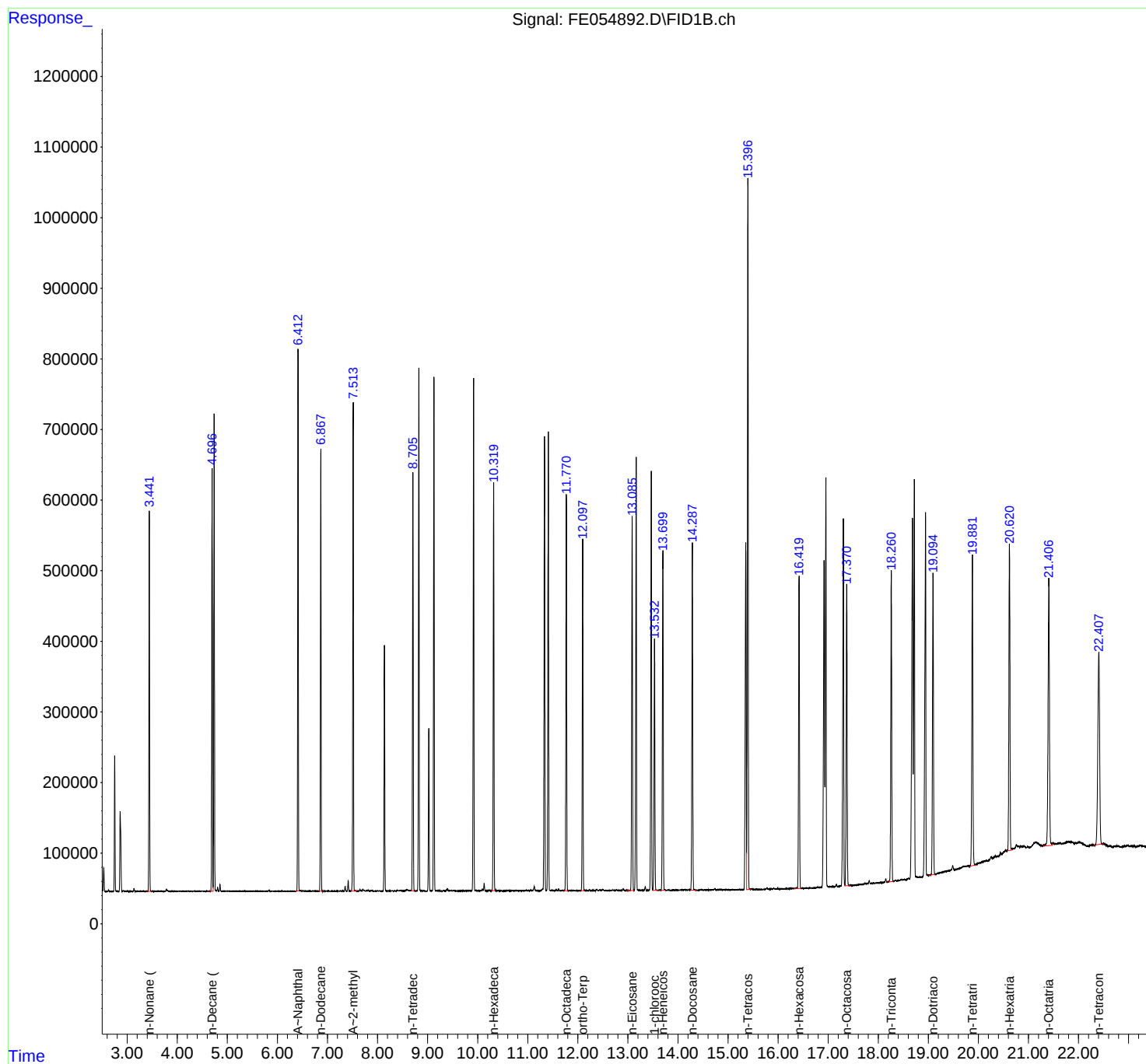
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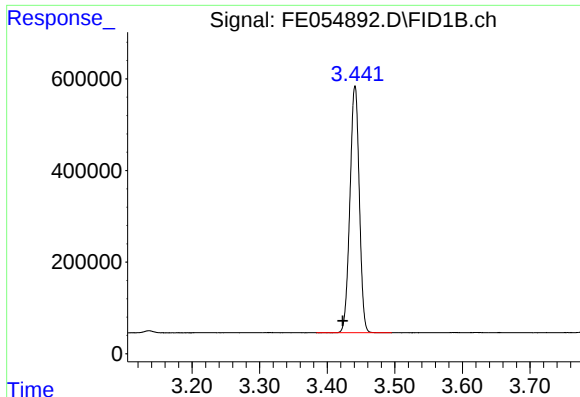
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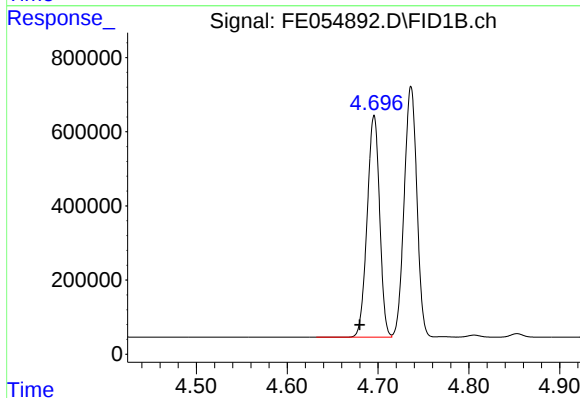
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: 0.018 min
Response: 5190098
Conc: 38.59 ug/ml

Instrument :
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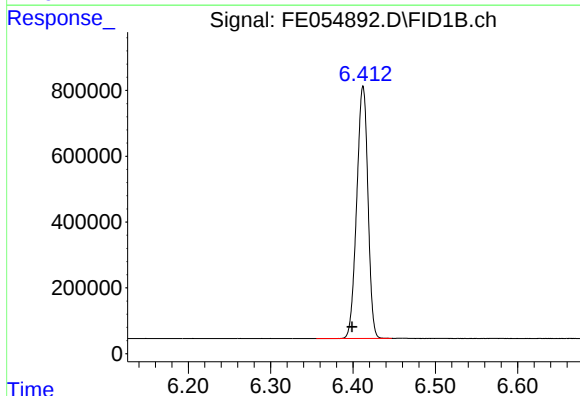
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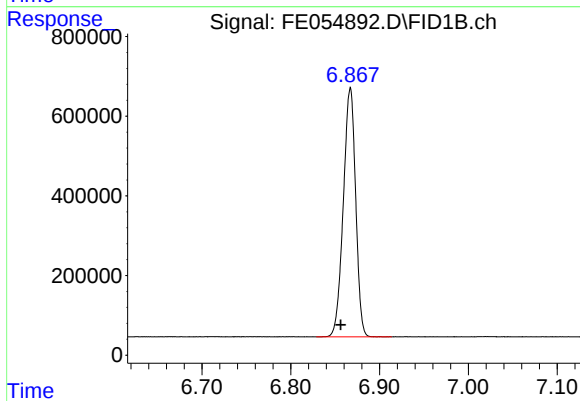
#2 n-Decane (C10)

R.T.: 4.696 min
Delta R.T.: 0.016 min
Response: 5700110
Conc: 41.77 ug/ml



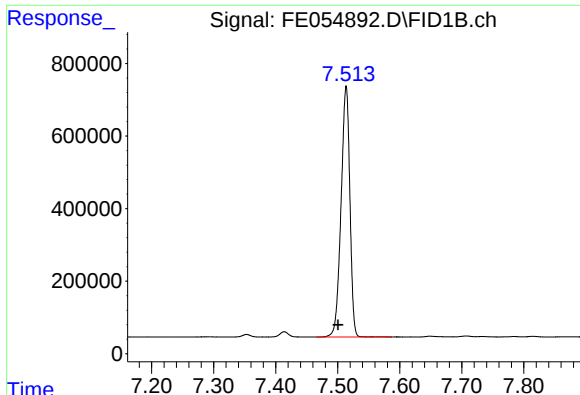
#3 A~Naphthalene (C11.7)

R.T.: 6.412 min
Delta R.T.: 0.013 min
Response: 7250287
Conc: 47.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.867 min
Delta R.T.: 0.011 min
Response: 6031810
Conc: 43.96 ug/ml



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

R.T.: 7.513 min
Delta R.T.: 0.013 min
Response: 6819677
Conc: 46.39 ug/ml

Instrument :

FID_E

ClientSampleId :

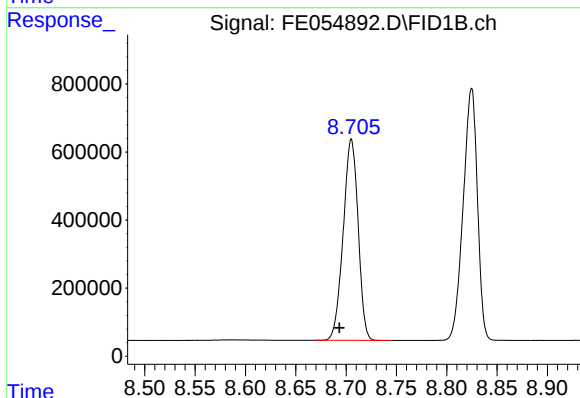
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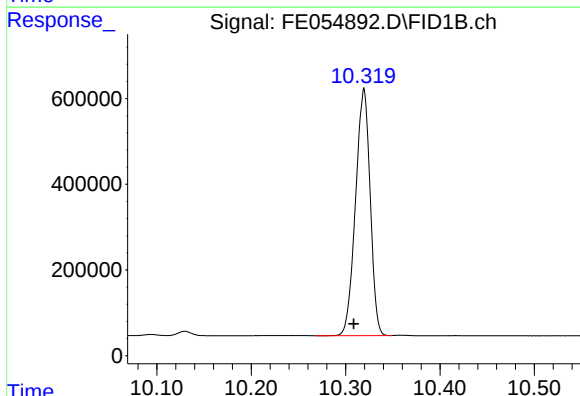
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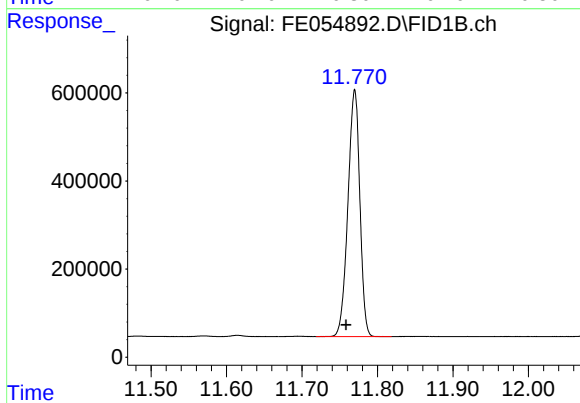
#6 n-Tetradecane (C14)

R.T.: 8.705 min
Delta R.T.: 0.012 min
Response: 6108609
Conc: 44.07 ug/ml



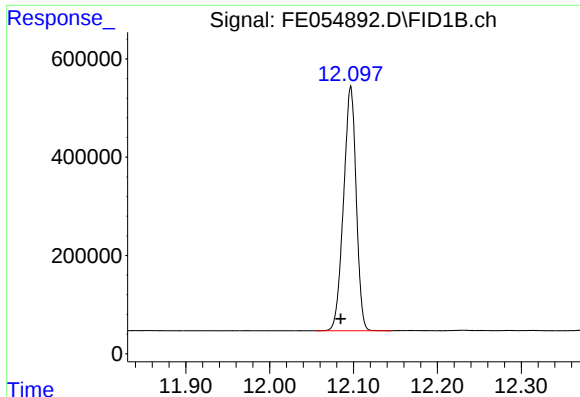
#7 n-Hexadecane (C16)

R.T.: 10.319 min
Delta R.T.: 0.010 min
Response: 6205360
Conc: 43.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.770 min
Delta R.T.: 0.011 min
Response: 6155293
Conc: 42.00 ug/ml



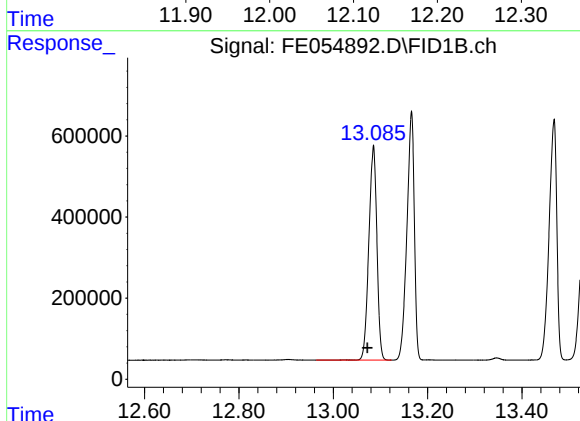
#9 ortho-Terphenyl (SURR)

R.T.: 12.097 min
Delta R.T.: 0.012 min
Response: 5212368
Conc: 32.10 ug/ml

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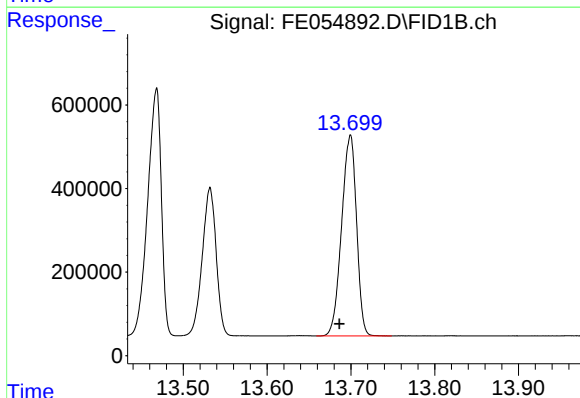
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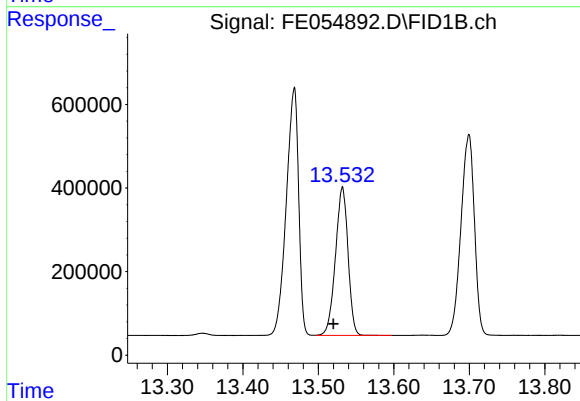
#10 n-Eicosane (C20)

R.T.: 13.085 min
Delta R.T.: 0.012 min
Response: 6258739
Conc: 43.53 ug/ml



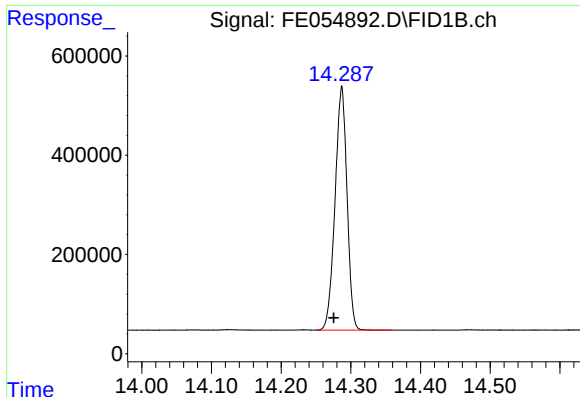
#11 n-Heneicosane (C21)

R.T.: 13.699 min
Delta R.T.: 0.013 min
Response: 5947394
Conc: 41.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.532 min
Delta R.T.: 0.012 min
Response: 4104605
Conc: 32.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.287 min
Delta R.T.: 0.011 min
Response: 5861337
Conc: 41.05 ug/ml

Instrument :

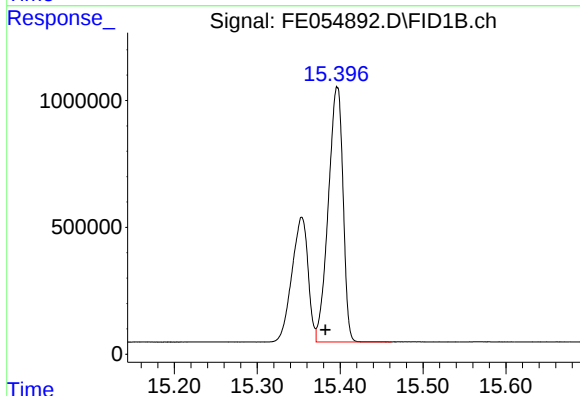
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ClientSampleId :

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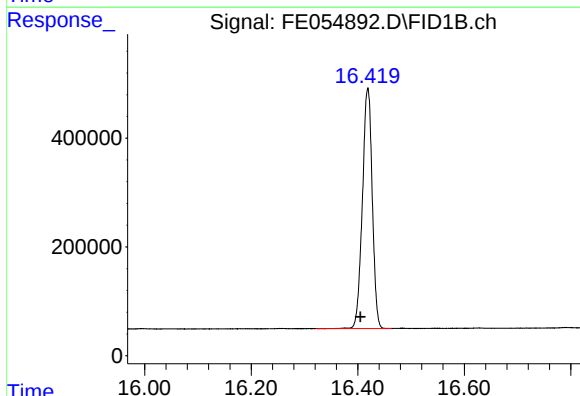
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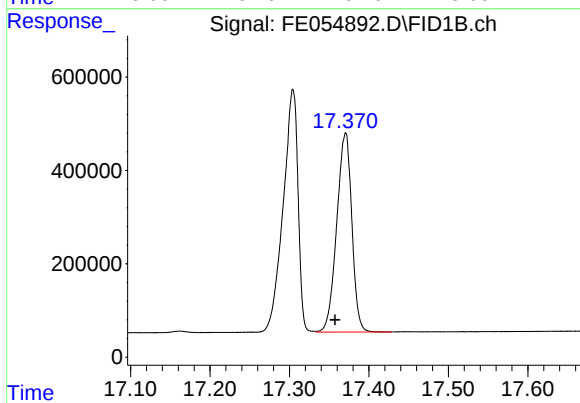
#14 n-Tetracosane (C24)

R.T.: 15.396 min
Delta R.T.: 0.014 min
Response: 12387749
Conc: 85.22 ug/ml



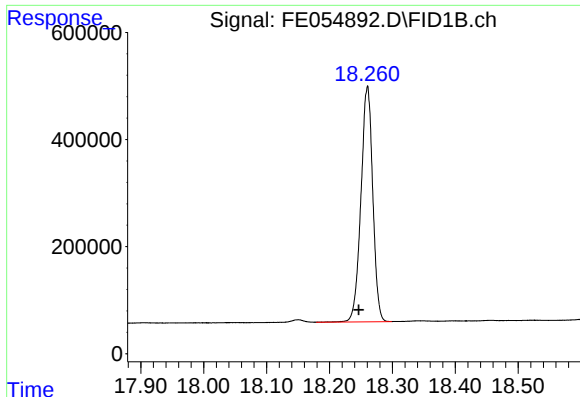
#15 n-Hexacosane (C26)

R.T.: 16.419 min
Delta R.T.: 0.014 min
Response: 5669569
Conc: 39.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.370 min
Delta R.T.: 0.013 min
Response: 5632197
Conc: 38.65 ug/ml



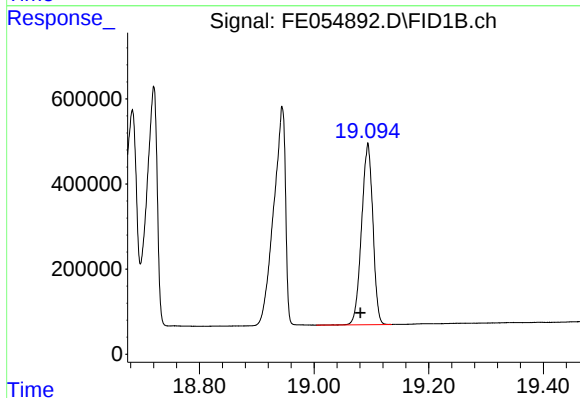
#17 n-Tricontane (C30)

R.T.: 18.260 min
Delta R.T.: 0.014 min
Response: 5739869
Conc: 36.42 ug/ml

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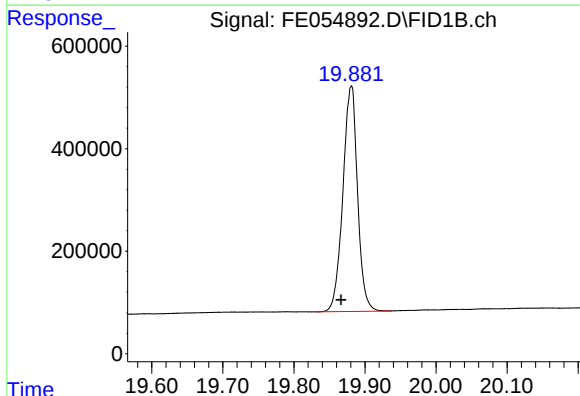
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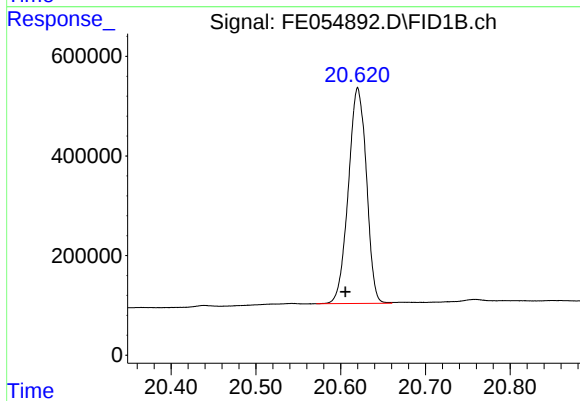
#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: 0.013 min
Response: 5814804
Conc: 35.94 ug/ml



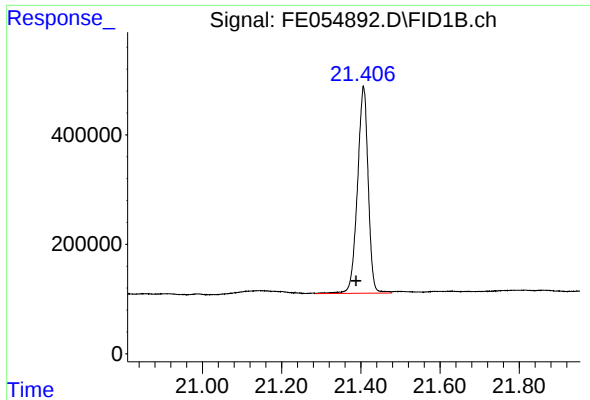
#19 n-Tetratriacontane (C34)

R.T.: 19.881 min
Delta R.T.: 0.015 min
Response: 6323072
Conc: 41.49 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.620 min
Delta R.T.: 0.015 min
Response: 6405456
Conc: 47.64 ug/ml



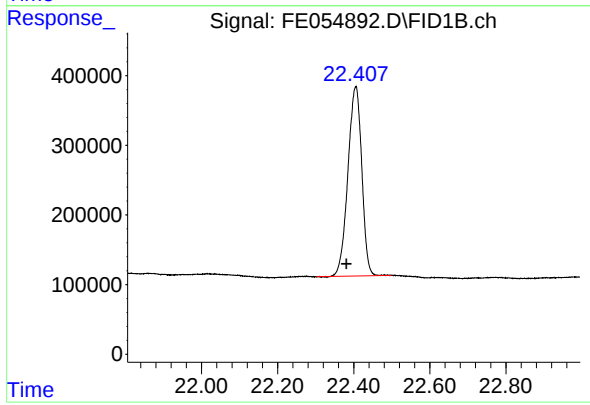
#21 n-Octatriacontane (C38)

R.T.: 21.407 min
Delta R.T.: 0.019 min
Response: 7108646
Conc: 60.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.405 min
Delta R.T.: 0.024 min
Response: 6875317
Conc: 63.43 ug/ml