

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054852.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 15:53
 Operator : YP\AJ
 Sample : PB168855BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168855BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/16/2025

Supervised By :mohammad ahmed 07/17/2025

Integration File: sample.E

Quant Time: Jul 16 04:06:38 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)	12.087	5911580	36.403 ug/ml
Spiked Amount 50.000		Recovery =	72.81%
12) S 1-chlorooctadecane (S...	13.521	4636908	36.715 ug/ml
Spiked Amount 50.000		Recovery =	73.43%
Target Compounds			
1) T n-Nonane (C9)	3.431	4290921	31.901 ug/ml
2) T n-Decane (C10)	4.686	4521805	33.139 ug/ml
3) T A~Naphthalene (C11.7)	6.402	5791853	38.252 ug/ml
4) T n-Dodecane (C12)	6.859	4830833	35.208 ug/ml
5) T A~2-methylnaphthalene...	7.503	5635936	38.339 ug/ml
6) T n-Tetradecane (C14)	8.696	5323806	38.404 ug/ml
7) T n-Hexadecane (C16)	10.310	5564860	39.049 ug/ml
8) T n-Octadecane (C18)	11.760	5567785	37.991 ug/ml
10) T n-Eicosane (C20)	13.075	5656120	39.335 ug/ml
11) T n-Heneicosane (C21)	13.688	5395823	37.777 ug/ml
13) T n-Docosane (C22)	14.276	5325206	37.294 ug/ml
14) T n-Tetracosane (C24)	15.382	11246157	77.365 ug/ml
15) T n-Hexacosane (C26)	16.408	5151653	35.599 ug/ml
16) T n-Octacosane (C28)	17.358	5078975	34.850 ug/ml
17) T n-Tricontane (C30)	18.249	5185271	32.905 ug/ml
18) T n-Dotriacontane (C32)	19.082	5247829	32.437 ug/ml
19) T n-Tetratriacontane (C34)	19.867	5699095	37.398 ug/mlm
20) T n-Hexatriacontane (C36)	20.607	5717392	42.523 ug/ml
21) T n-Octatriacontane (C38)	21.389	6146076	52.404 ug/mlm
22) T n-Tetracontane (C40)	22.381	6254675	57.708 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168855BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

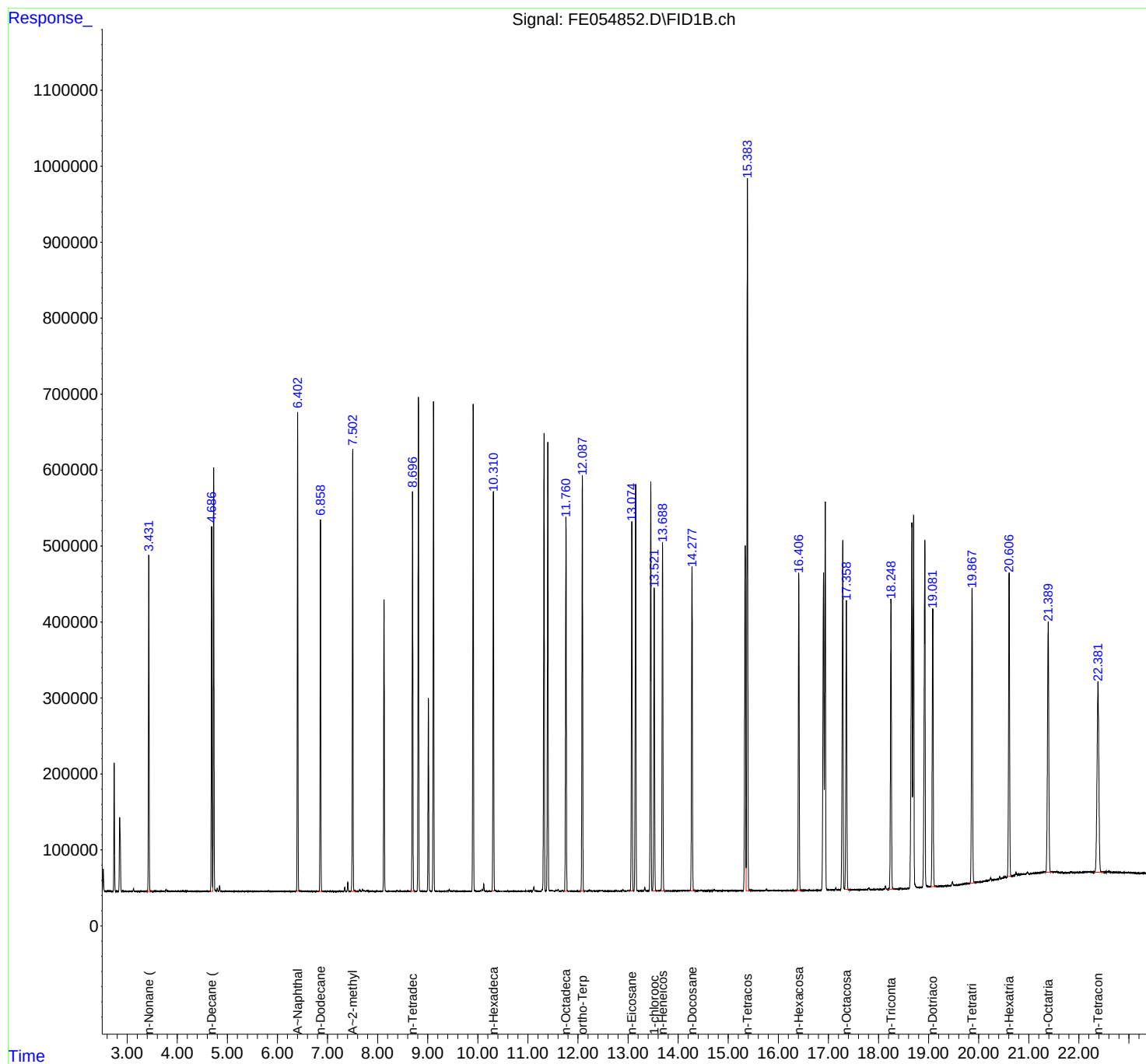
Instrument :
FID_E
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PB168855BS

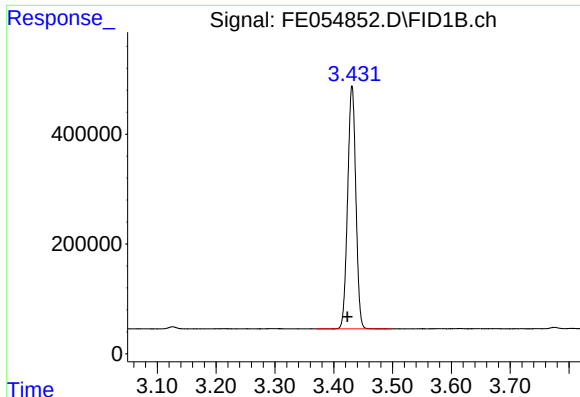
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Quant Title : GC Extractables
QLast Update : Tue Jul 08 07:45:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.431 min
Delta R.T.: 0.008 min
Response: 4290921
Conc: 31.90 ug/ml

Instrument :

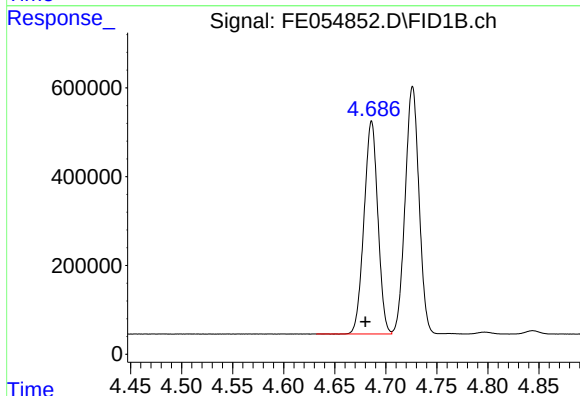
FID_E

ClientSampleId :

PB168855BS

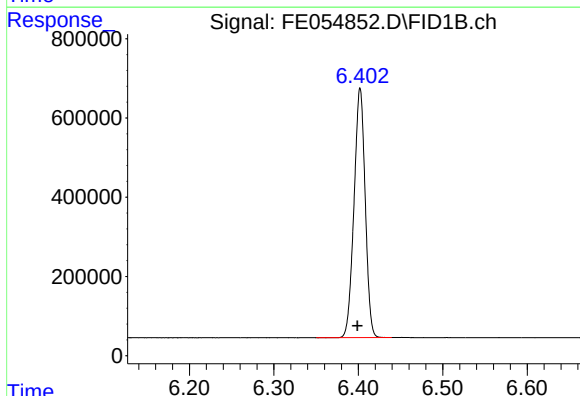
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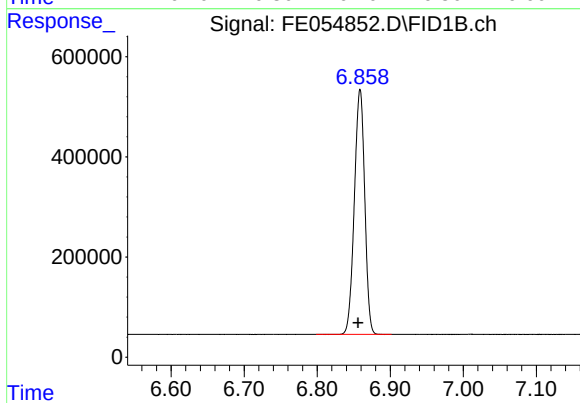
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 4521805
Conc: 33.14 ug/ml



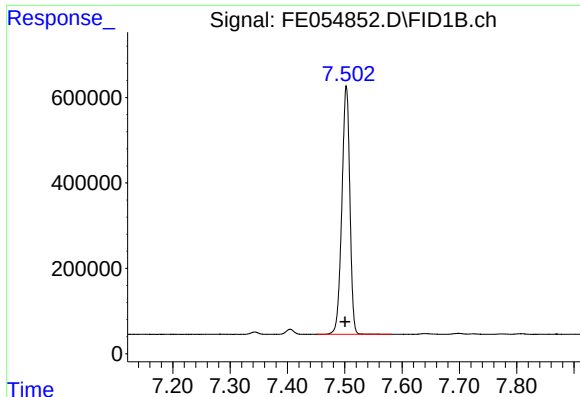
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 5791853
Conc: 38.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 4830833
Conc: 35.21 ug/ml



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

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 5635936
Conc: 38.34 ug/ml

Instrument :

FID_E

ClientSampleId :

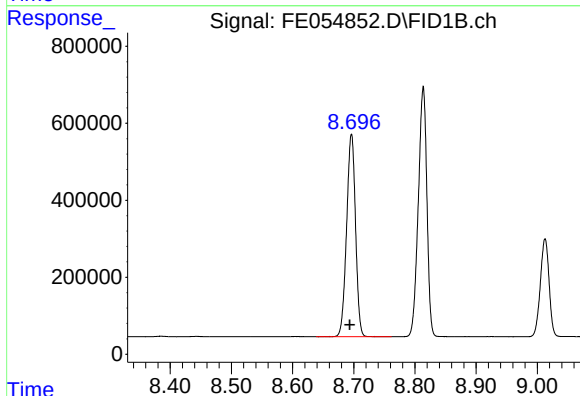
PB168855BS

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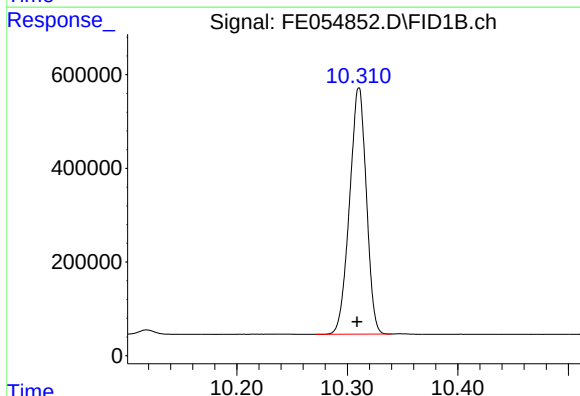
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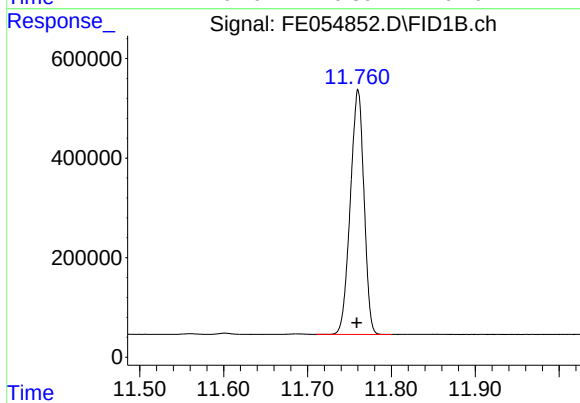
#6 n-Tetradecane (C14)

R.T.: 8.696 min
Delta R.T.: 0.003 min
Response: 5323806
Conc: 38.40 ug/ml



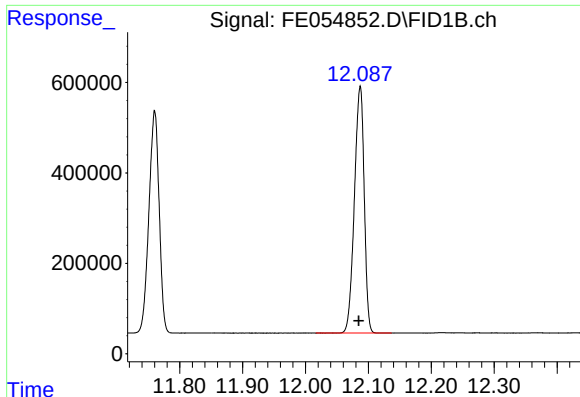
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.002 min
Response: 5564860
Conc: 39.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.760 min
Delta R.T.: 0.002 min
Response: 5567785
Conc: 37.99 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.002 min
Response: 5911580
Conc: 36.40 ug/ml

Instrument :

FID_E

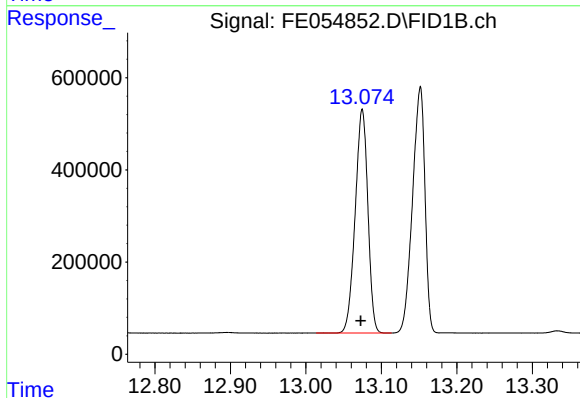
ClientSampleId :

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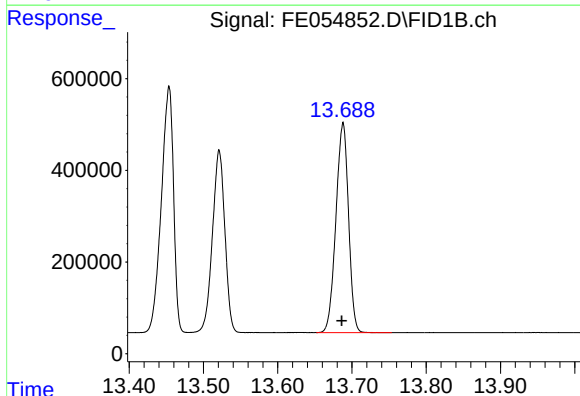
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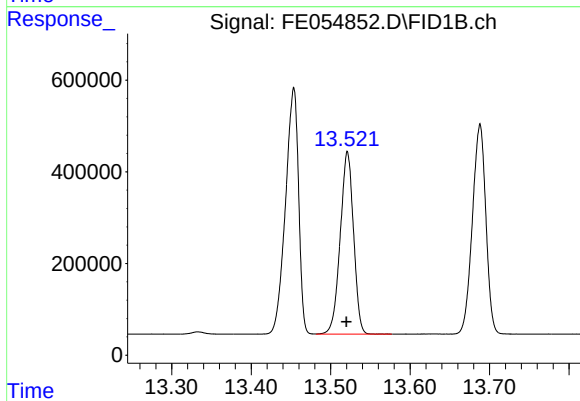
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 5656120
Conc: 39.33 ug/ml



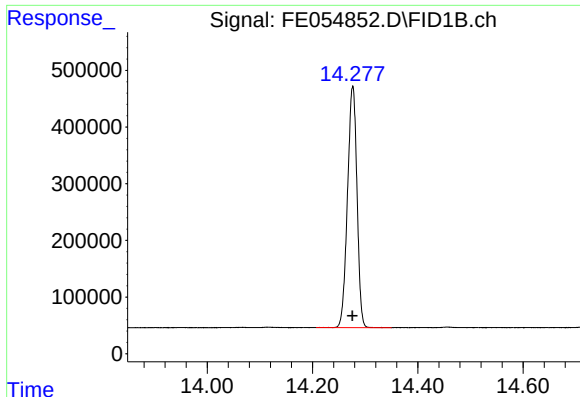
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 5395823
Conc: 37.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 4636908
Conc: 36.72 ug/ml



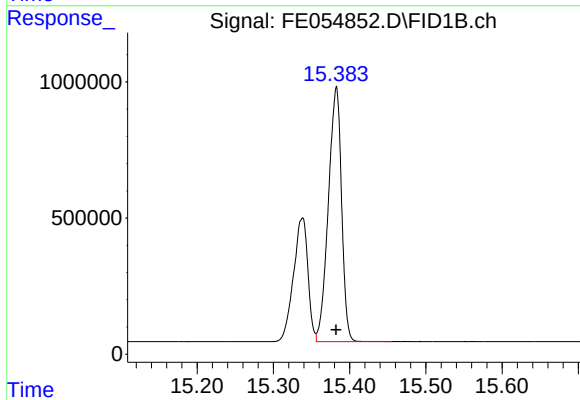
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 5325206
Conc: 37.29 ug/ml

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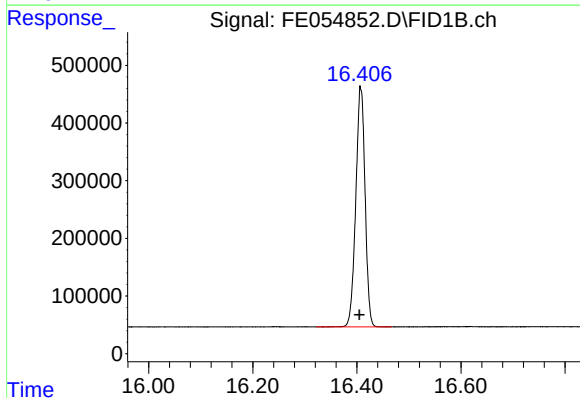
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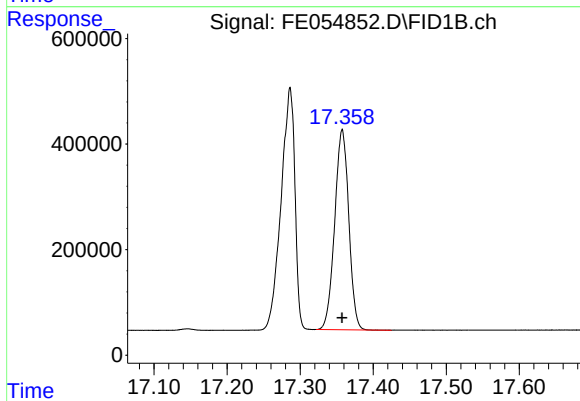
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 11246157
Conc: 77.37 ug/ml



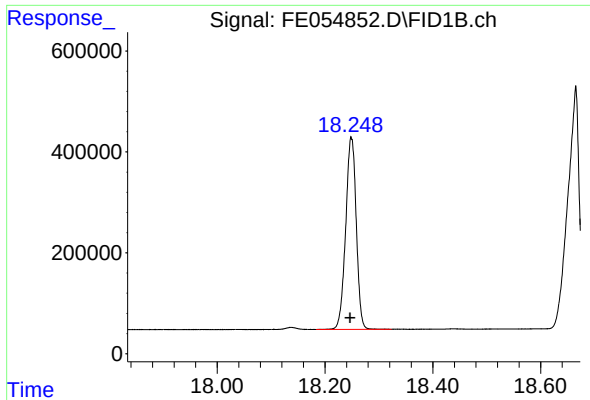
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.002 min
Response: 5151653
Conc: 35.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 5078975
Conc: 34.85 ug/ml



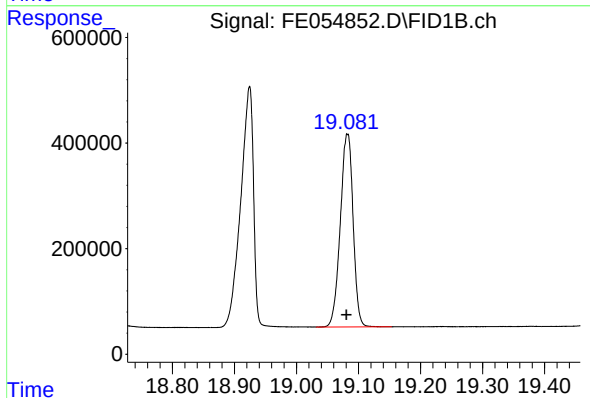
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.002 min
Response: 5185271
Conc: 32.90 ug/ml

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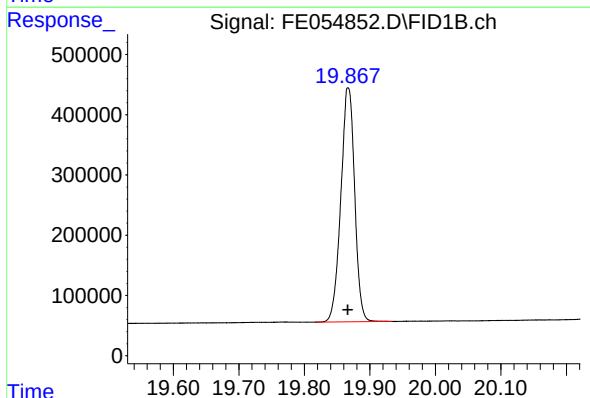
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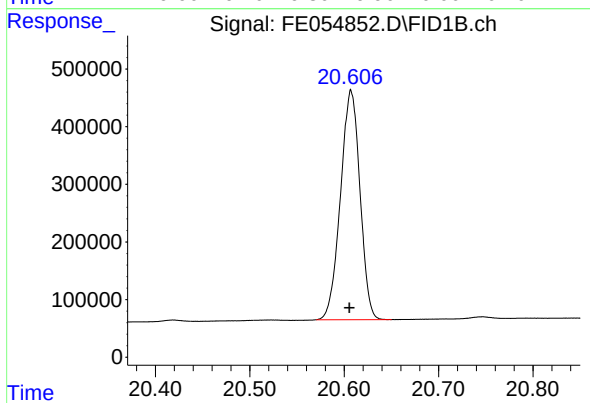
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.001 min
Response: 5247829
Conc: 32.44 ug/ml



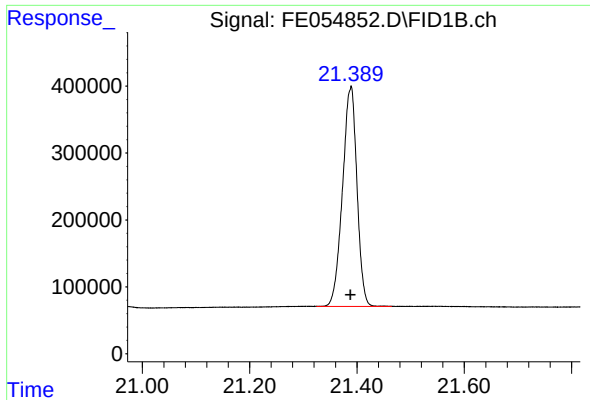
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 5699095
Conc: 37.40 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.002 min
Response: 5717392
Conc: 42.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.001 min
Response: 6146076
Conc: 52.40 ug/ml

Instrument :

FID_E

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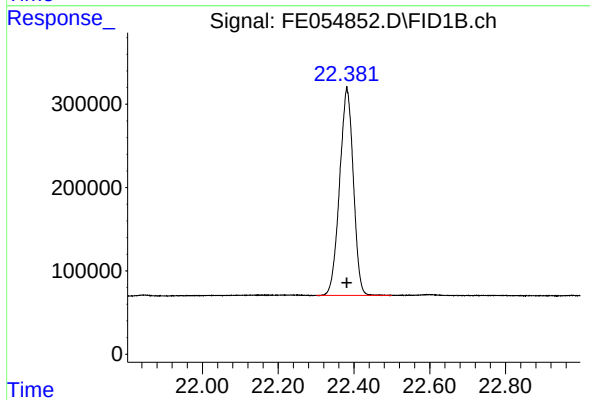
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#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 6254675
Conc: 57.71 ug/ml