

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054909.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 18:53
 Operator : YP\AJ
 Sample : PB168898BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168898BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/18/2025

Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e

Quant Time: Jul 18 01:10:02 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)	12.091	5883848	36.232 ug/ml
Spiked Amount 50.000		Recovery =	72.46%
12) S 1-chlorooctadecane (S...	13.526	4623405	36.608 ug/ml
Spiked Amount 50.000		Recovery =	73.22%
Target Compounds			
1) T n-Nonane (C9)	3.433	4011690	29.825 ug/ml
2) T n-Decane (C10)	4.688	4338264	31.794 ug/ml
3) T A~Naphthalene (C11.7)	6.405	5383563	35.555 ug/ml
4) T n-Dodecane (C12)	6.861	4726301	34.446 ug/ml
5) T A~2-methylnaphthalene...	7.506	5116702	34.807 ug/ml
6) T n-Tetradecane (C14)	8.699	4928419	35.552 ug/ml
7) T n-Hexadecane (C16)	10.314	5029310	35.291 ug/ml
8) T n-Octadecane (C18)	11.762	4983753	34.006 ug/ml
10) T n-Eicosane (C20)	13.078	5066493	35.234 ug/ml
11) T n-Heneicosane (C21)	13.692	4831083	33.823 ug/ml
13) T n-Docosane (C22)	14.280	4757648	33.320 ug/ml
14) T n-Tetracosane (C24)	15.386	9802479	67.434 ug/ml
15) T n-Hexacosane (C26)	16.411	4603251	31.809 ug/ml
16) T n-Octacosane (C28)	17.361	4553038	31.241 ug/ml
17) T n-Tricontane (C30)	18.253	4637105	29.426 ug/ml
18) T n-Dotriacontane (C32)	19.085	4653889	28.766 ug/ml
19) T n-Tetratriacontane (C34)	19.872	4916026	32.259 ug/mlm
20) T n-Hexatriacontane (C36)	20.613	4803562	35.726 ug/ml
21) T n-Octatriacontane (C38)	21.395	5273068	44.960 ug/ml
22) T n-Tetracontane (C40)	22.387	5034938	46.454 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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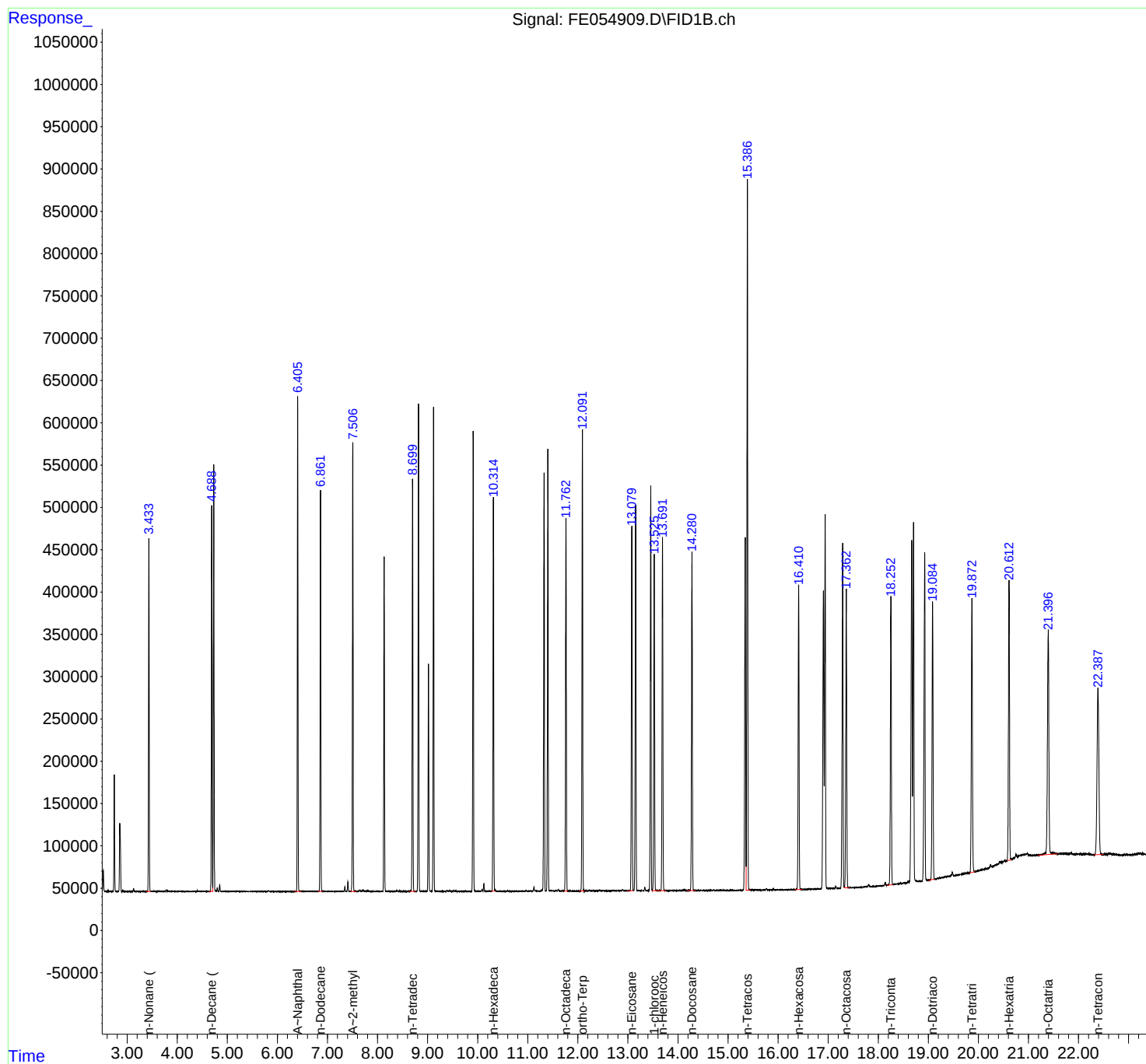
Instrument :
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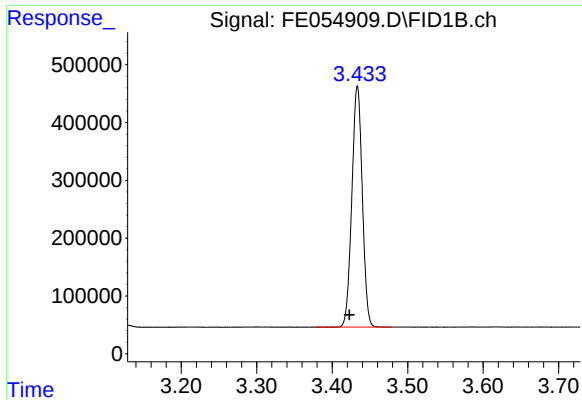
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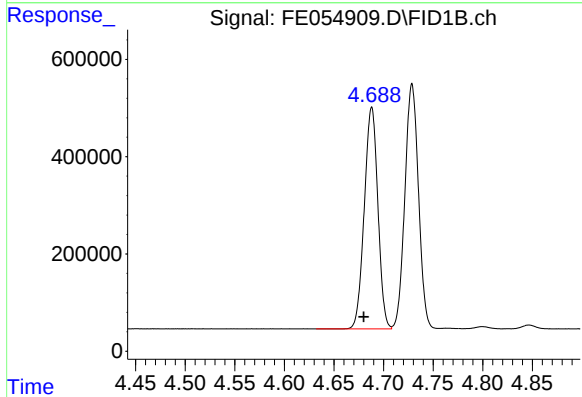
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.010 min
Response: 4011690
Conc: 29.82 ug/ml

Instrument :
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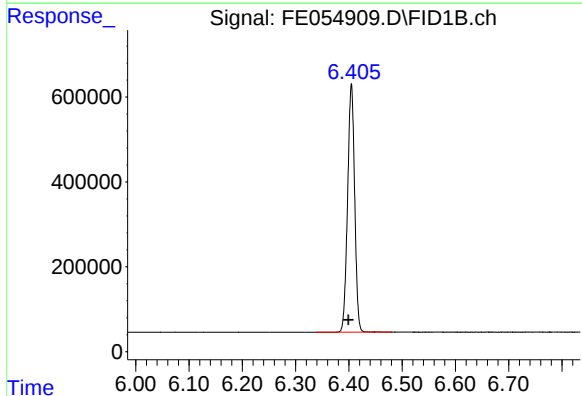
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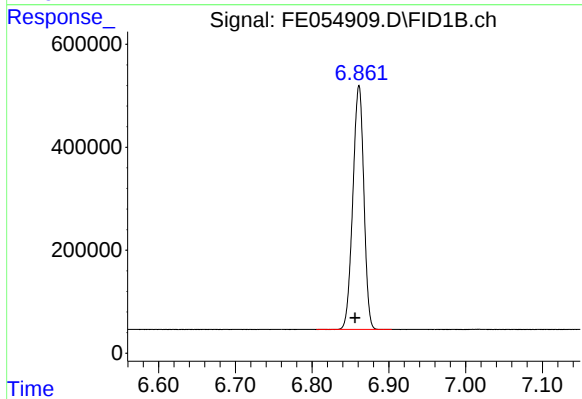
#2 n-Decane (C10)

R.T.: 4.688 min
Delta R.T.: 0.008 min
Response: 4338264
Conc: 31.79 ug/ml



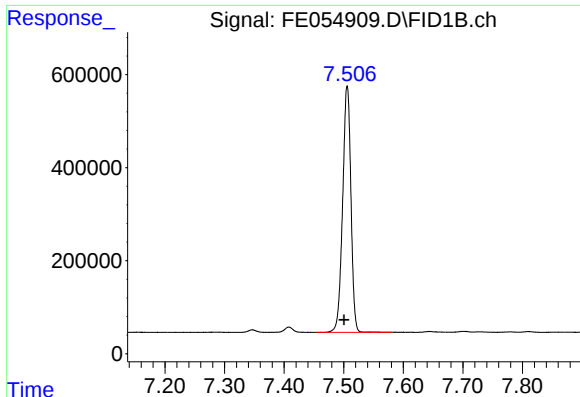
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.006 min
Response: 5383563
Conc: 35.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.861 min
Delta R.T.: 0.005 min
Response: 4726301
Conc: 34.45 ug/ml



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

R.T.: 7.506 min
Delta R.T.: 0.005 min
Response: 5116702
Conc: 34.81 ug/ml

Instrument :

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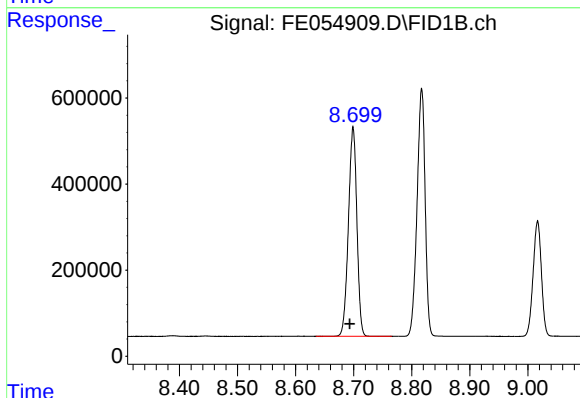
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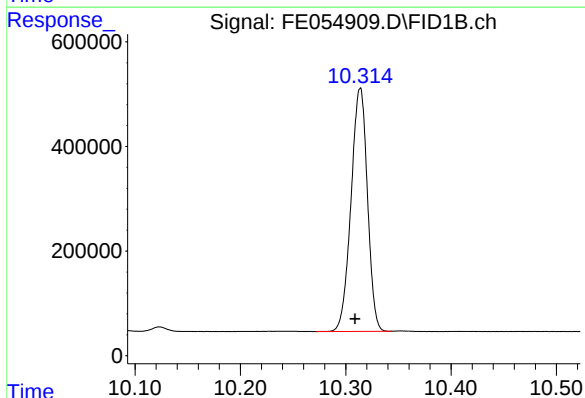
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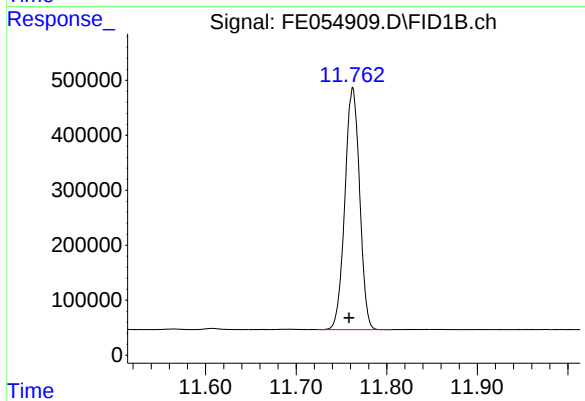
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.006 min
Response: 4928419
Conc: 35.55 ug/ml



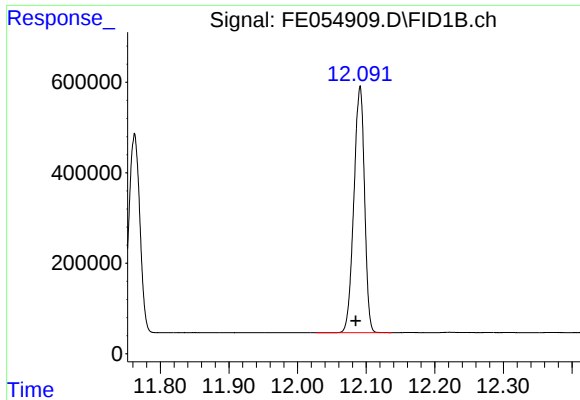
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 5029310
Conc: 35.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 4983753
Conc: 34.01 ug/ml



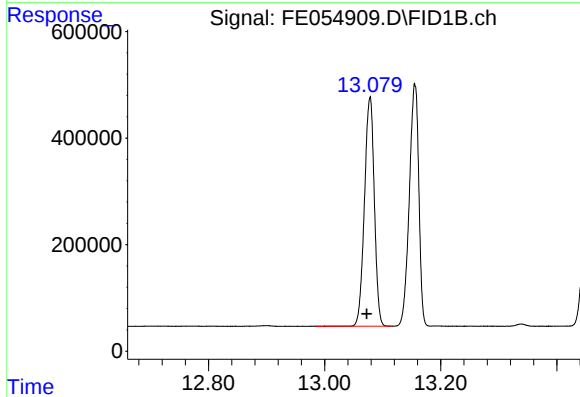
#9 ortho-Terphenyl (SURR)

R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 5883848
Conc: 36.23 ug/ml

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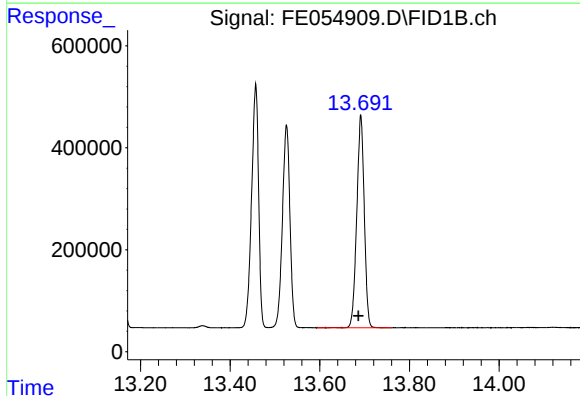
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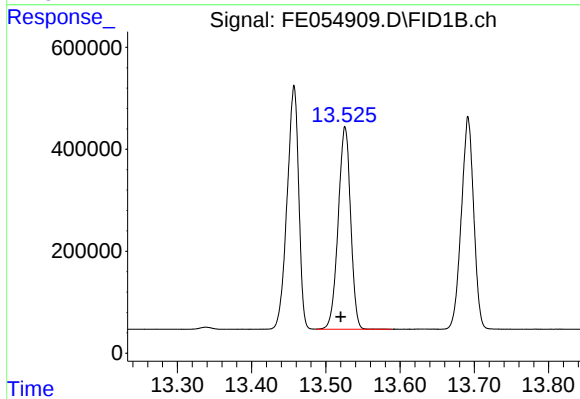
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 5066493
Conc: 35.23 ug/ml



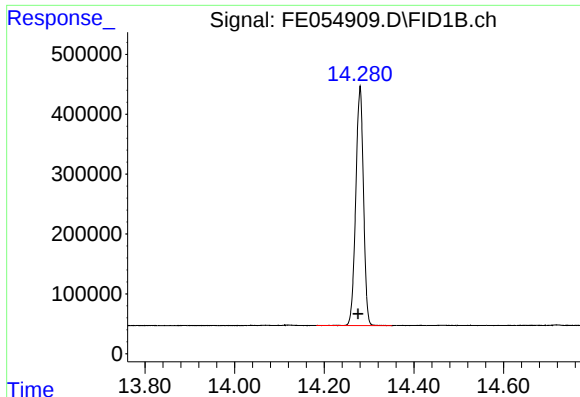
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.005 min
Response: 4831083
Conc: 33.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 4623405
Conc: 36.61 ug/ml



#13 n-Docosane (C22)

R.T.: 14.280 min
Delta R.T.: 0.004 min
Response: 4757648
Conc: 33.32 ug/ml

Instrument :

FID_E

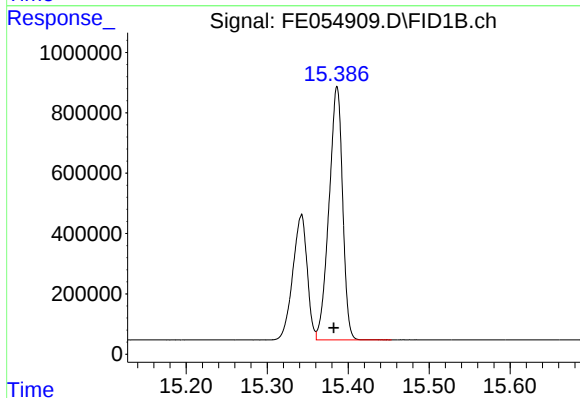
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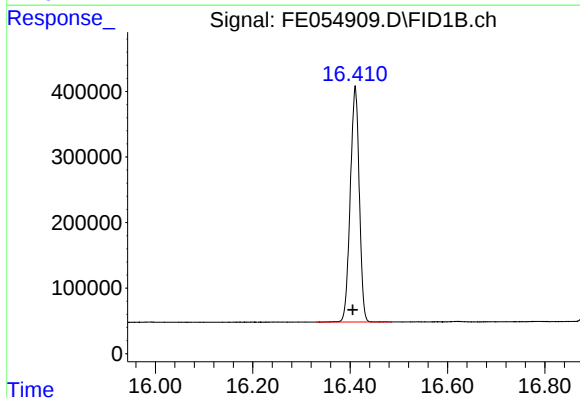
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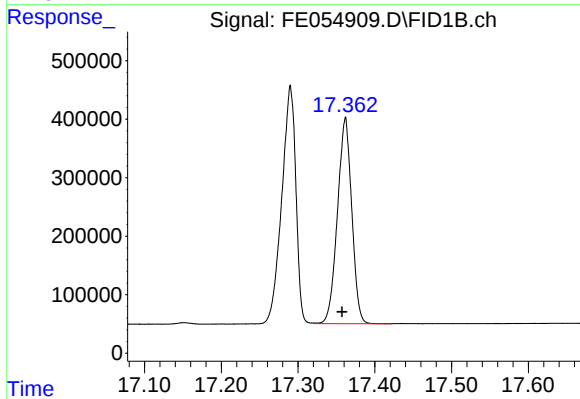
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 9802479
Conc: 67.43 ug/ml



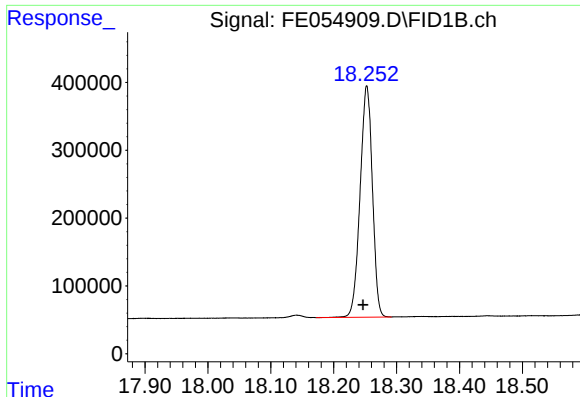
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.005 min
Response: 4603251
Conc: 31.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 4553038
Conc: 31.24 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.253 min
Delta R.T.: 0.006 min
Response: 4637105
Conc: 29.43 ug/ml

Instrument :

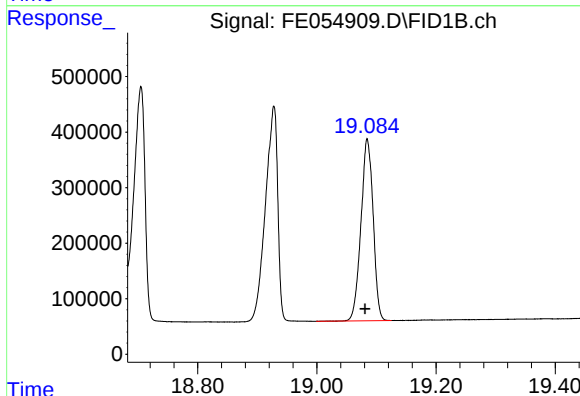
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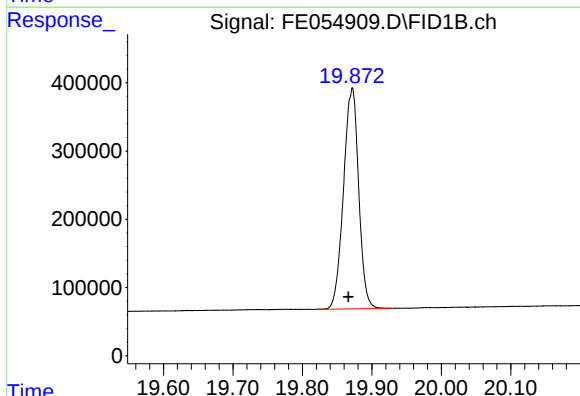
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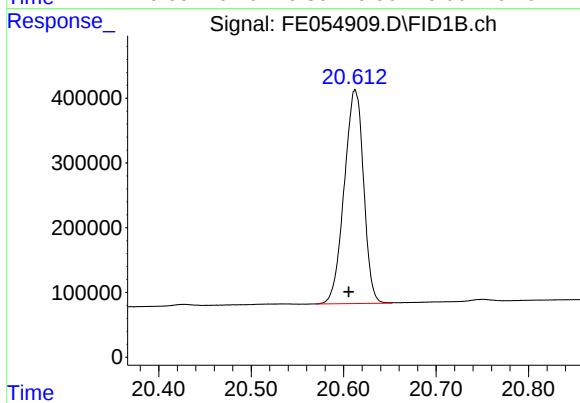
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 4653889
Conc: 28.77 ug/ml



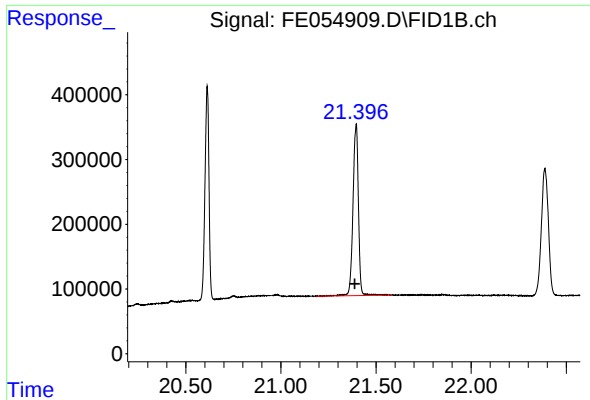
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.005 min
Response: 4916026
Conc: 32.26 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.007 min
Response: 4803562
Conc: 35.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.008 min
Response: 5273068
Conc: 44.96 ug/ml

Instrument :

FID_E

ClientSampleId :

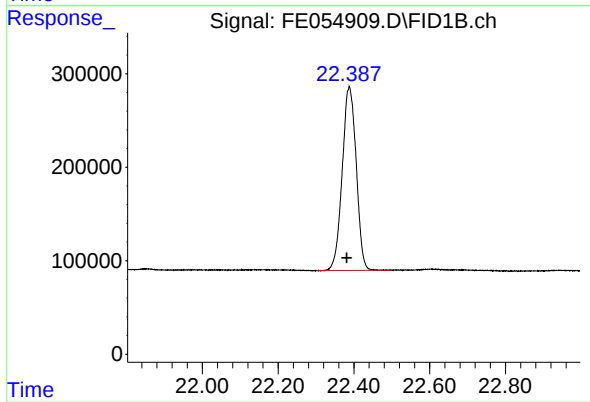
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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.007 min
Response: 5034938
Conc: 46.45 ug/ml