

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057239.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 10:24
 Operator : YP\AJ
 Sample : PB170866BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB170866BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025

Integration File: autoint1.e

Quant Time: Dec 10 00:15:31 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M

Quant Title : GC Extractables

QLast Update : Mon Dec 01 08:04:59 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)	11.932	7304571	33.287 ug/ml
Spiked Amount 50.000		Recovery =	66.57%
12) S 1-chlorooctadecane (S...	13.368	5049172	30.339 ug/ml
Spiked Amount 50.000		Recovery =	60.68%
Target Compounds			
1) T n-Nonane (C9)	3.299	5094993	26.046 ug/ml
2) T n-Decane (C10)	4.549	5447493	26.933 ug/ml
3) T A~Naphthalene (C11.7)	6.263	7082118	35.177 ug/ml
4) T n-Dodecane (C12)	6.717	6034988	29.569 ug/ml
5) T A~2-methylnaphthalene...	7.361	6453857	33.587 ug/ml
6) T n-Tetradecane (C14)	8.551	6152947	30.569 ug/ml
7) T n-Hexadecane (C16)	10.161	6029298	29.400 ug/ml
8) T n-Octadecane (C18)	11.609	5958613	28.909 ug/ml
10) T n-Eicosane (C20)	12.921	5910027	30.044 ug/ml
11) T n-Heneicosane (C21)	13.534	5786864	30.121 ug/ml
13) T n-Docosane (C22)	14.122	5697715	29.516 ug/ml
14) T n-Tetracosane (C24)	15.231	12997784	65.627 ug/ml
15) T n-Hexacosane (C26)	16.252	5530875	27.879 ug/ml
16) T n-Octacosane (C28)	17.205	7227514	35.170 ug/mlm
17) T n-Tricontane (C30)	18.096	5405454	24.086 ug/ml
18) T n-Dotriacontane (C32)	18.928	5100045	21.848 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5070769	23.741 ug/ml
20) T n-Hexatriacontane (C36)	20.454	4933722	26.507 ug/ml
21) T n-Octatriacontane (C38)	21.200	5115835	29.519 ug/ml
22) T n-Tetracontane (C40)	22.127	5240628	31.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170866BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

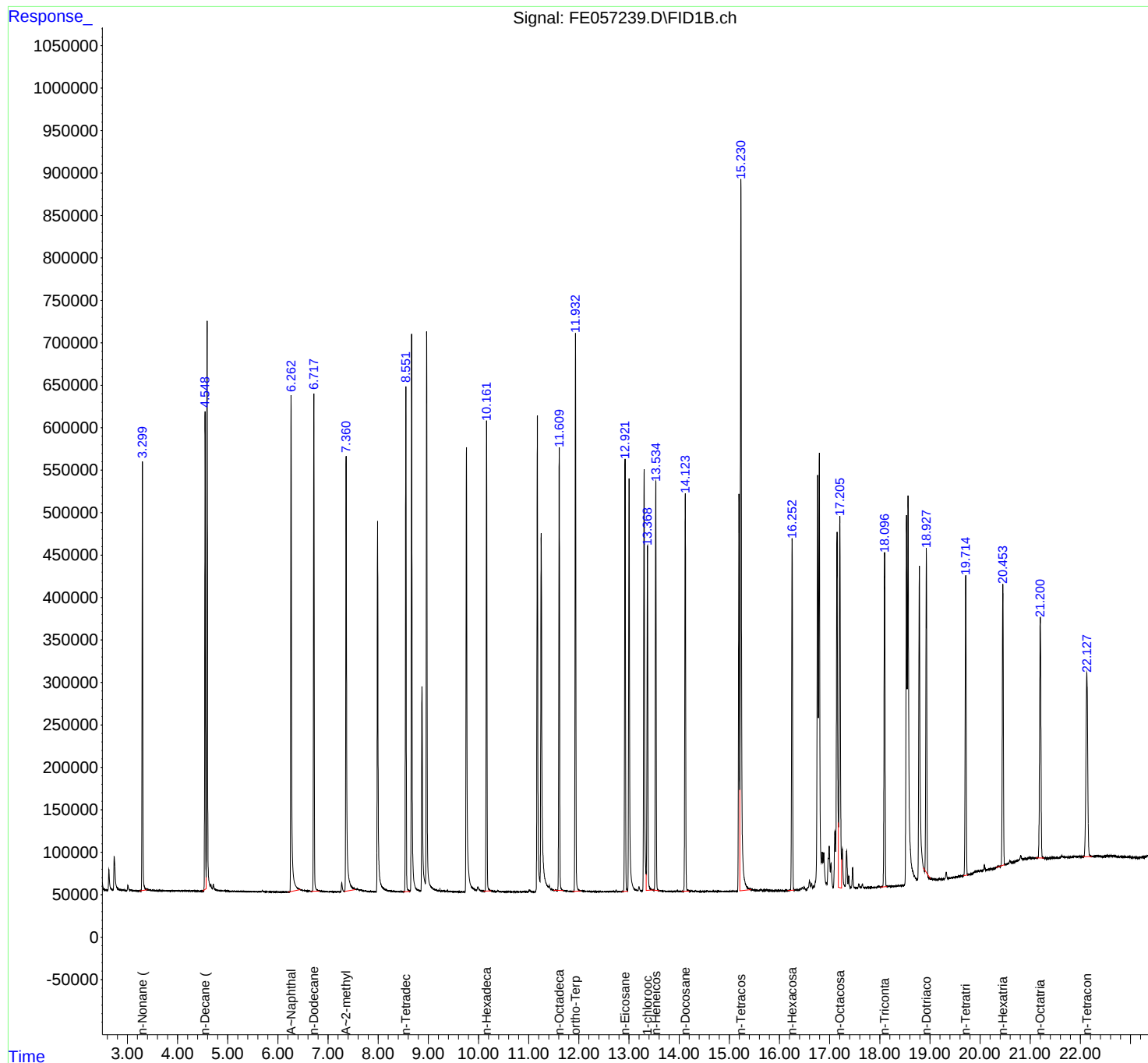
Instrument :
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ClientSampleId :
PB170866BS

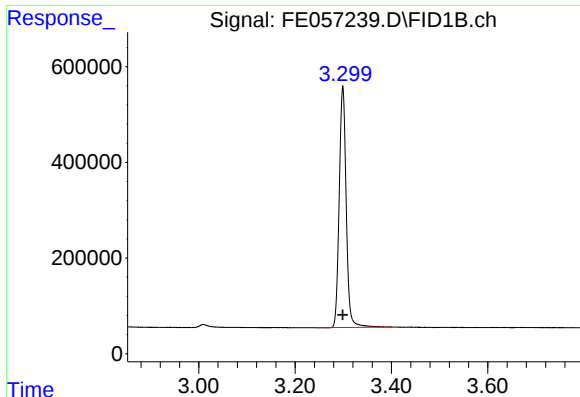
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 5094993
Conc: 26.05 ug/ml

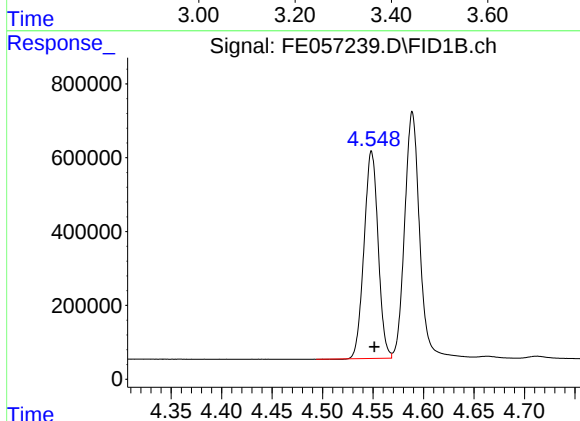
Instrument :

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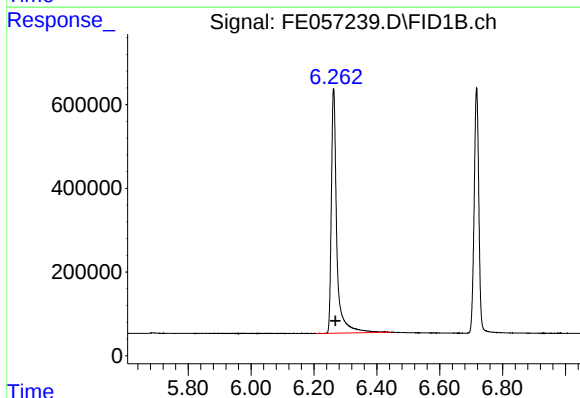
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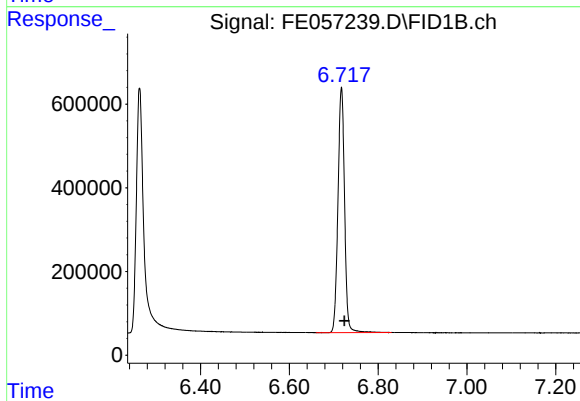
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.003 min
Response: 5447493
Conc: 26.93 ug/ml



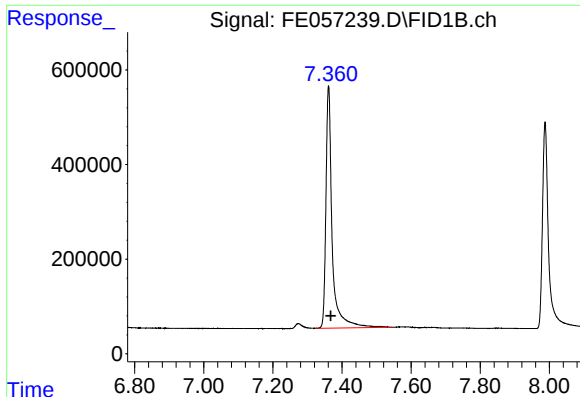
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 7082118
Conc: 35.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 6034988
Conc: 29.57 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 6453857
Conc: 33.59 ug/ml

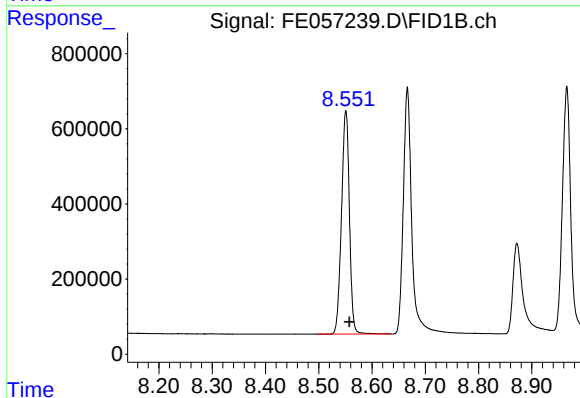
Instrument :

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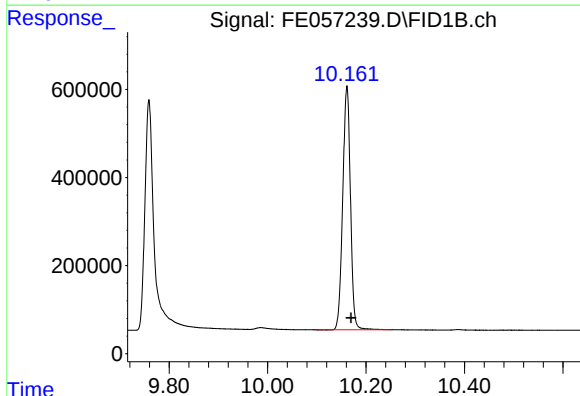
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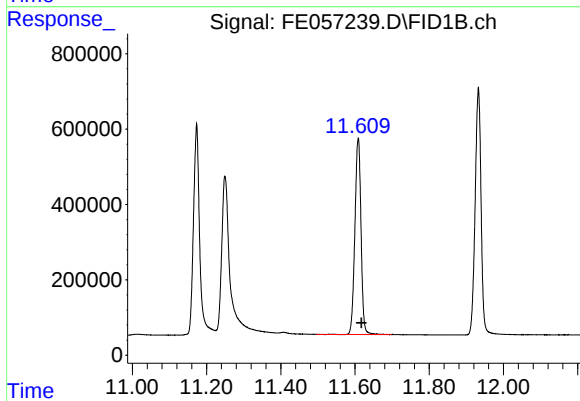
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.007 min
Response: 6152947
Conc: 30.57 ug/ml



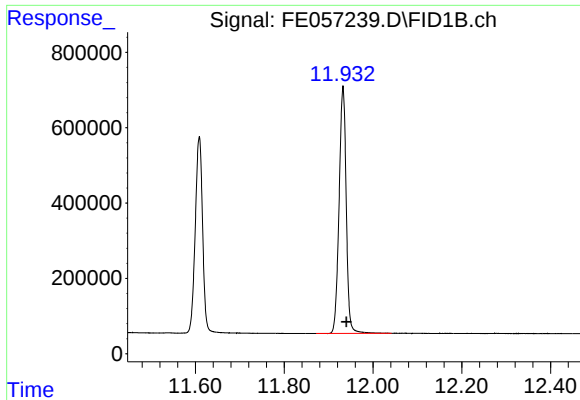
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 6029298
Conc: 29.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 5958613
Conc: 28.91 ug/ml



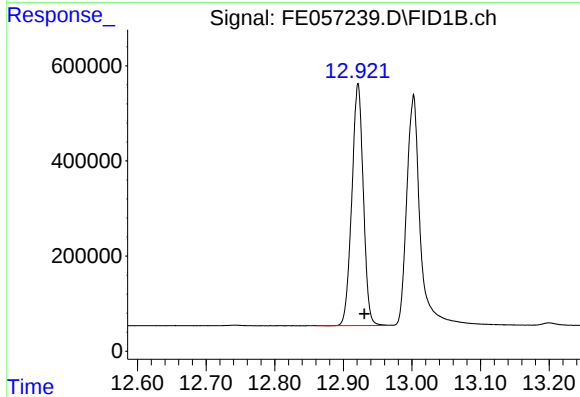
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 7304571
Conc: 33.29 ug/ml

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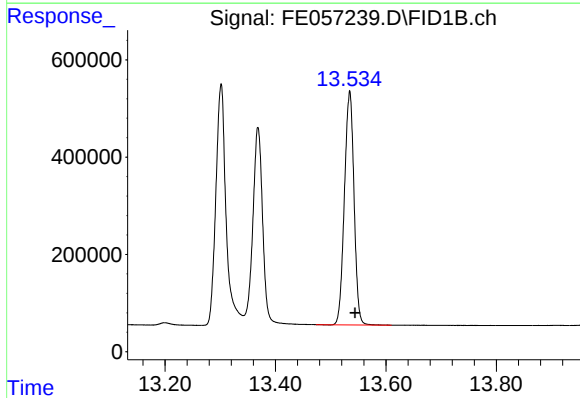
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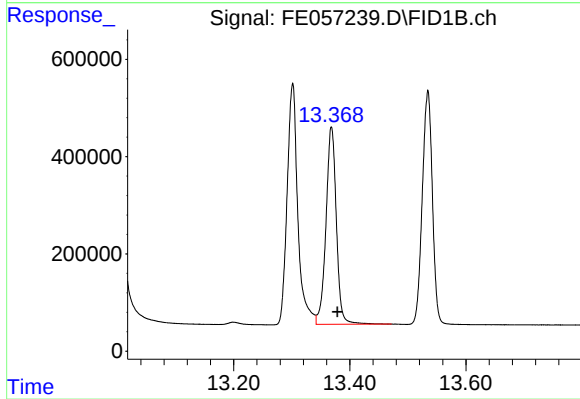
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 5910027
Conc: 30.04 ug/ml



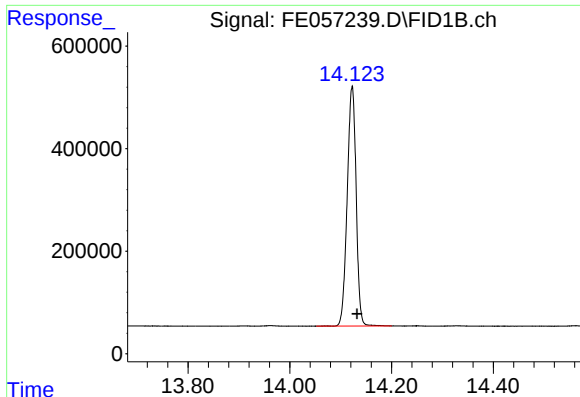
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.010 min
Response: 5786864
Conc: 30.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.010 min
Response: 5049172
Conc: 30.34 ug/ml



#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 5697715
Conc: 29.52 ug/ml

Instrument :

FID_E

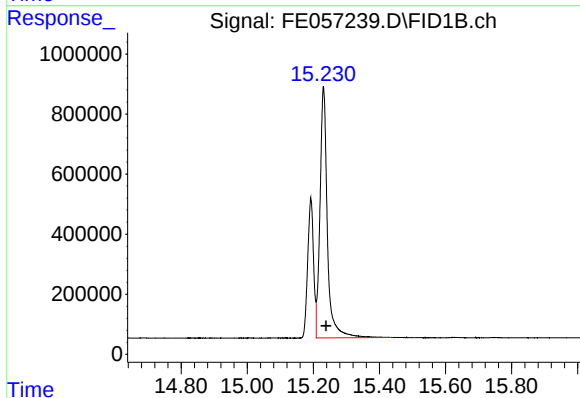
ClientSampleId :

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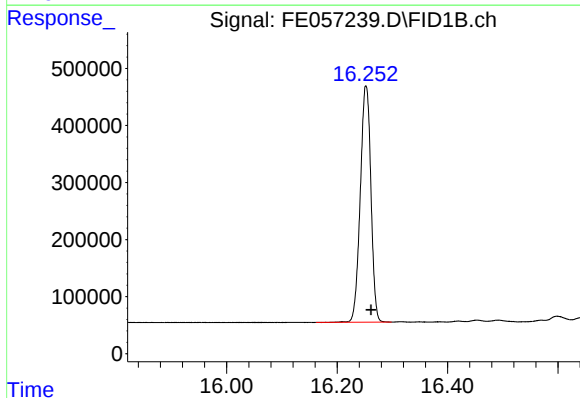
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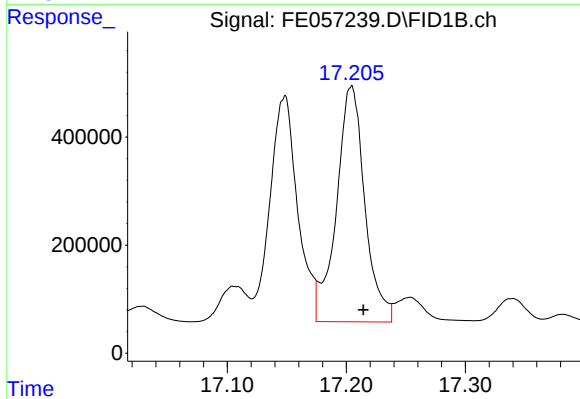
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.008 min
Response: 12997784
Conc: 65.63 ug/ml



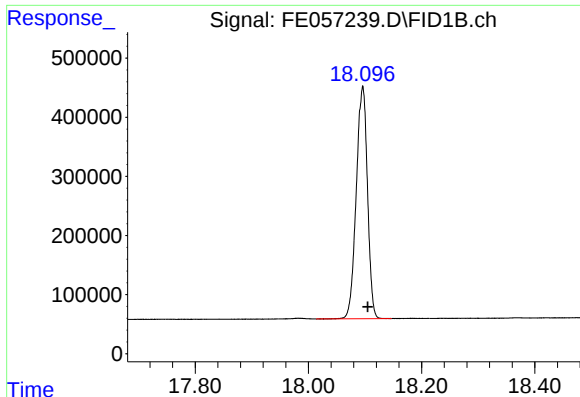
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.009 min
Response: 5530875
Conc: 27.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.010 min
Response: 7227514
Conc: 35.17 ug/ml m



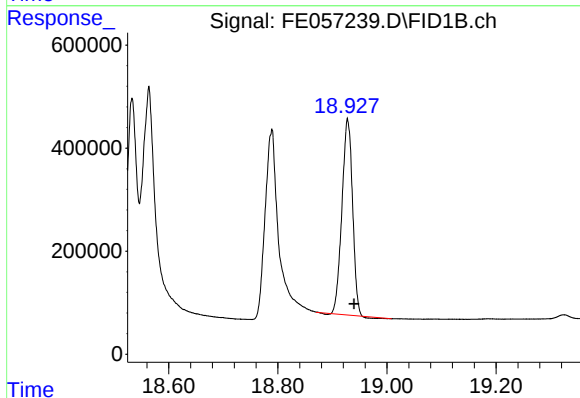
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 5405454
Conc: 24.09 ug/ml

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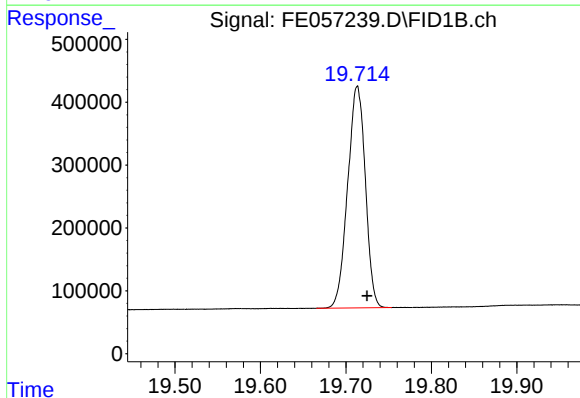
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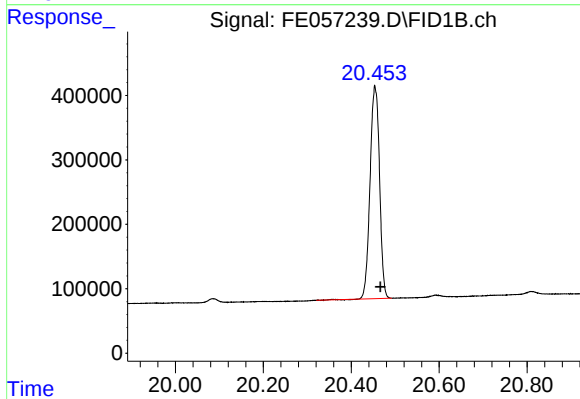
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 5100045
Conc: 21.85 ug/ml



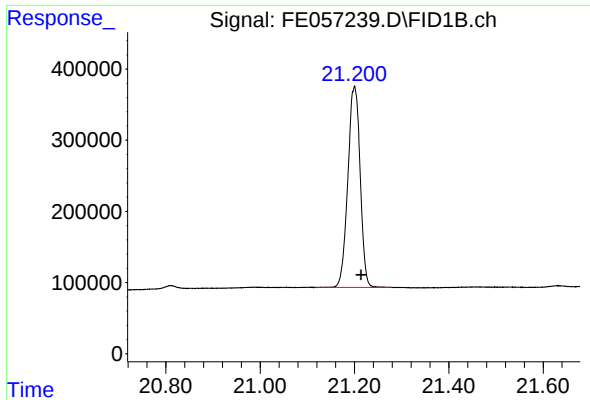
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.011 min
Response: 5070769
Conc: 23.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.012 min
Response: 4933722
Conc: 26.51 ug/ml



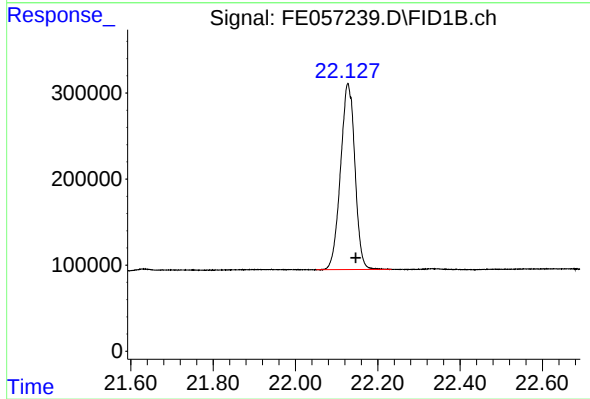
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.014 min
Response: 5115835
Conc: 29.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.019 min
Response: 5240628
Conc: 31.10 ug/ml