

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057310.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 14:02
 Operator : YP\AJ
 Sample : PB170903BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170903BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/12/2025
 Supervised By :Yogesh Patel 12/12/2025

Integration File: autoint1.e
 Quant Time: Dec 12 00:16:01 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)	11.931	6771431	30.857 ug/ml
Spiked Amount 50.000		Recovery =	61.71%
12) S 1-chlorooctadecane (S...	13.367	4757314	28.585 ug/ml
Spiked Amount 50.000		Recovery =	57.17%
Target Compounds			
1) T n-Nonane (C9)	3.295	4742824	24.246 ug/ml
2) T n-Decane (C10)	4.544	4910547	24.278 ug/ml
3) T A~Naphthalene (C11.7)	6.259	6416695	31.872 ug/ml
4) T n-Dodecane (C12)	6.714	5467391	26.788 ug/ml
5) T A~2-methylnaphthalene...	7.359	5896021	30.684 ug/ml
6) T n-Tetradecane (C14)	8.548	5773092	28.682 ug/ml
7) T n-Hexadecane (C16)	10.159	5774001	28.156 ug/ml
8) T n-Octadecane (C18)	11.606	5743176	27.864 ug/ml
10) T n-Eicosane (C20)	12.920	5694301	28.948 ug/ml
11) T n-Heneicosane (C21)	13.533	5592172	29.107 ug/ml
13) T n-Docosane (C22)	14.121	5485593	28.417 ug/ml
14) T n-Tetracosane (C24)	15.230	12764586	64.449 ug/ml
15) T n-Hexacosane (C26)	16.252	5333070	26.882 ug/ml
16) T n-Octacosane (C28)	17.204	7140359	34.746 ug/mlm
17) T n-Tricontane (C30)	18.095	5197396	23.159 ug/ml
18) T n-Dotriacontane (C32)	18.926	5053373	21.648 ug/mlm
19) T n-Tetratriacontane (C34)	19.714	4961149	23.228 ug/ml
20) T n-Hexatriacontane (C36)	20.455	4963189	26.665 ug/ml
21) T n-Octatriacontane (C38)	21.200	5246367	30.272 ug/ml
22) T n-Tetracontane (C40)	22.128	5531661	32.826 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170903BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

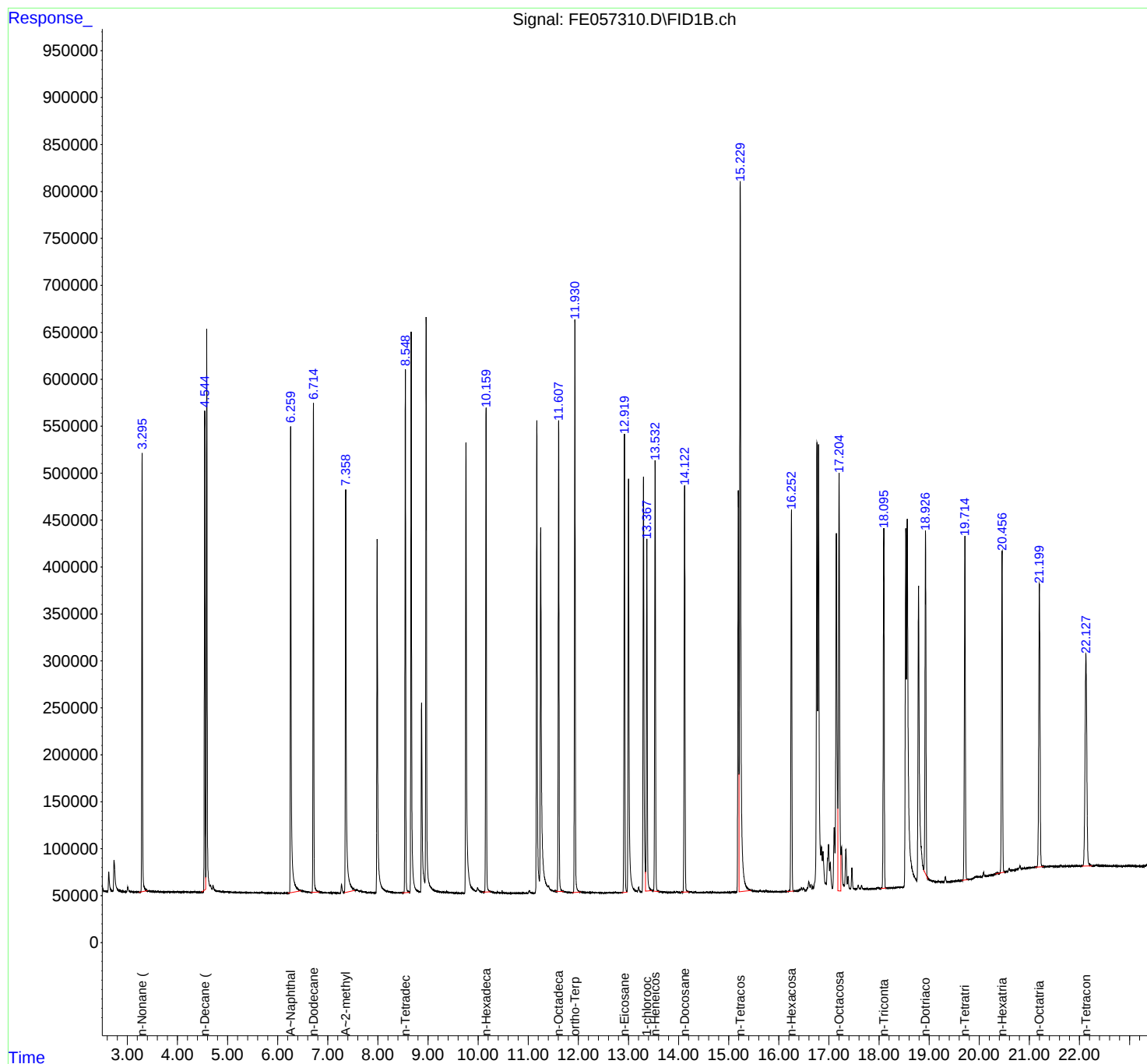
Instrument :
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PB170903BS

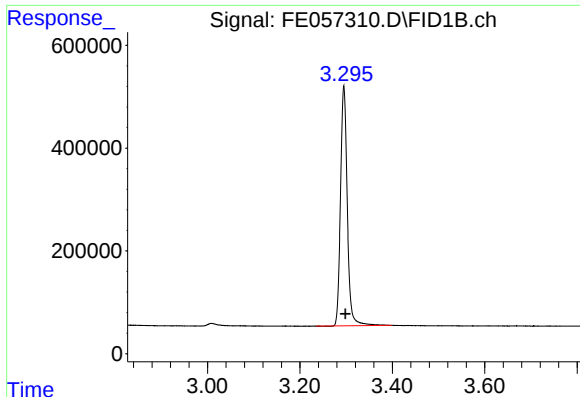
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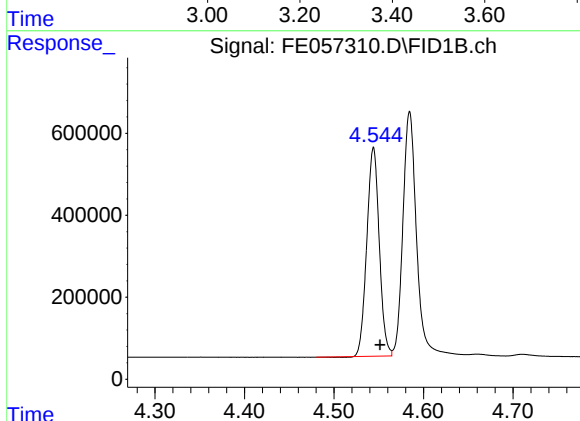
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 4742824
Conc: 24.25 ug/ml

Instrument :
FID_E
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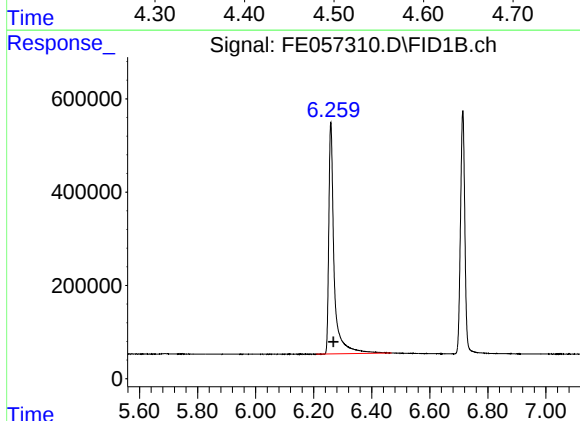
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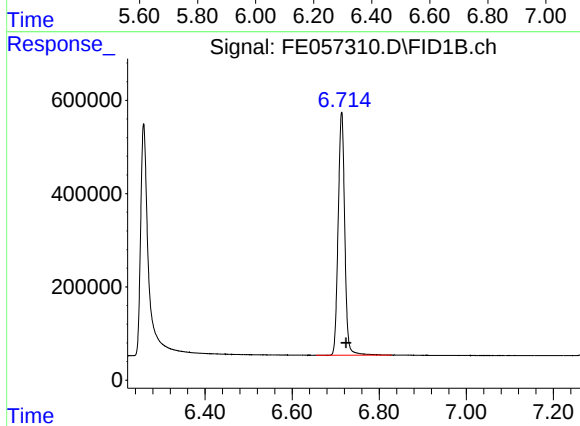
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.007 min
Response: 4910547
Conc: 24.28 ug/ml



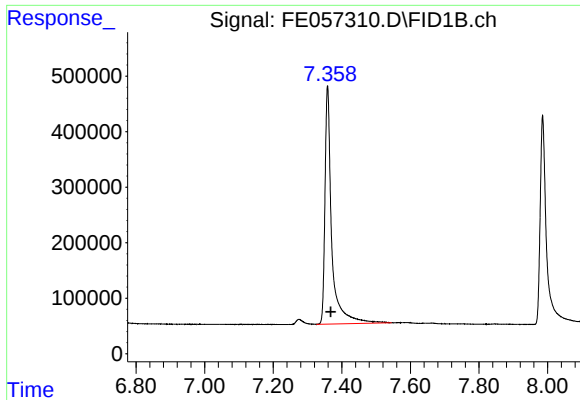
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 6416695
Conc: 31.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 5467391
Conc: 26.79 ug/ml



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

R.T.: 7.359 min
Delta R.T.: -0.009 min
Response: 5896021
Conc: 30.68 ug/ml

Instrument :

FID_E

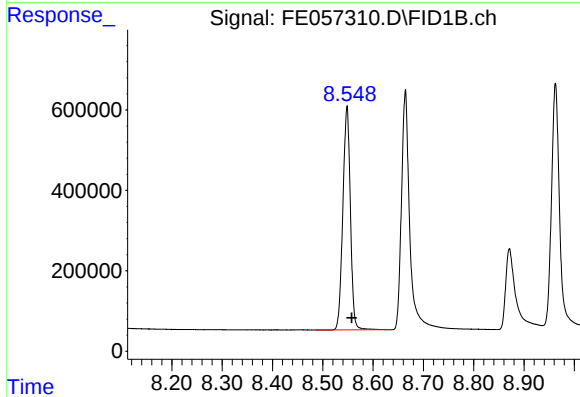
ClientSampleId :

PB170903BS

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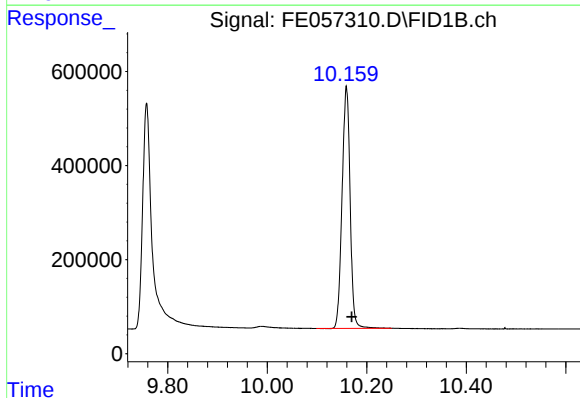
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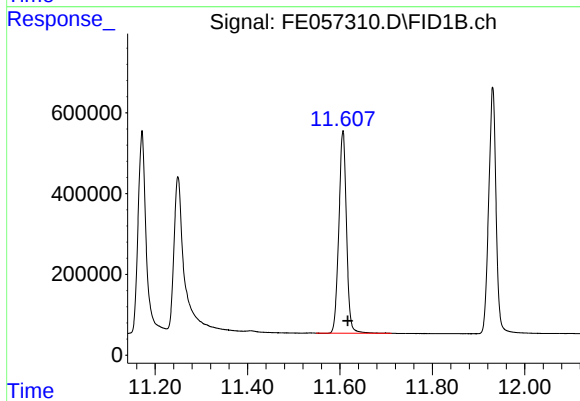
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.010 min
Response: 5773092
Conc: 28.68 ug/ml



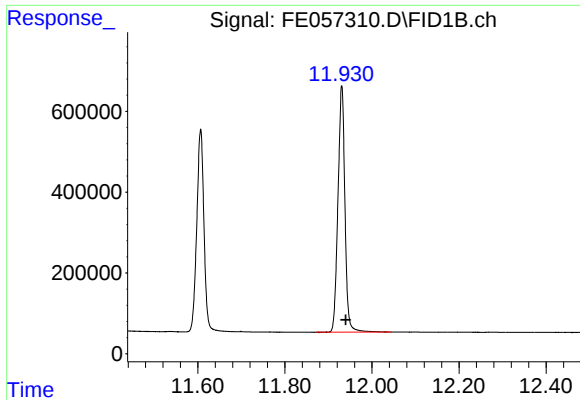
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 5774001
Conc: 28.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.010 min
Response: 5743176
Conc: 27.86 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.009 min
Response: 6771431
Conc: 30.86 ug/ml

Instrument :

FID_E

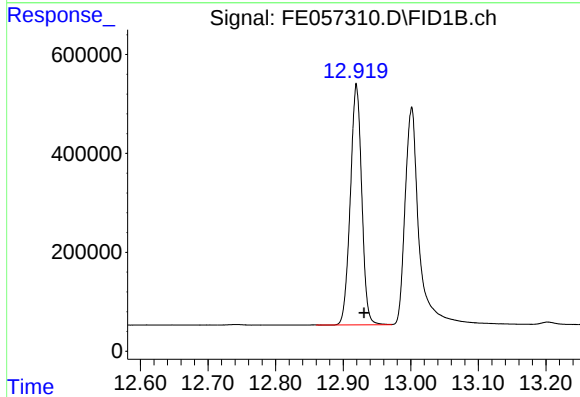
ClientSampleId :

PB170903BS

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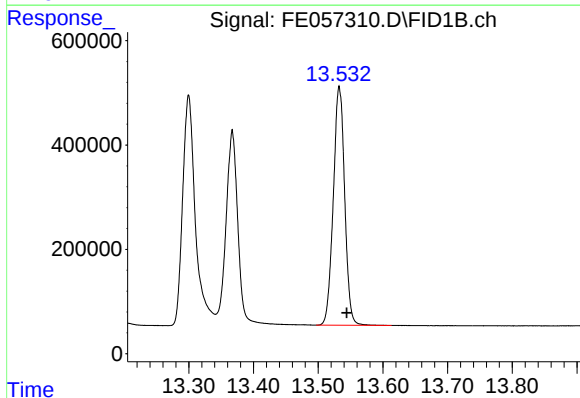
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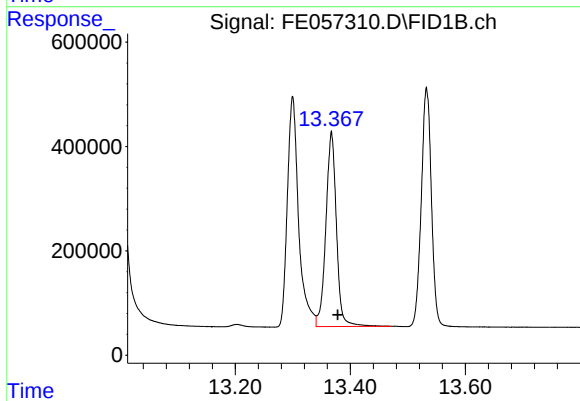
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.011 min
Response: 5694301
Conc: 28.95 ug/ml



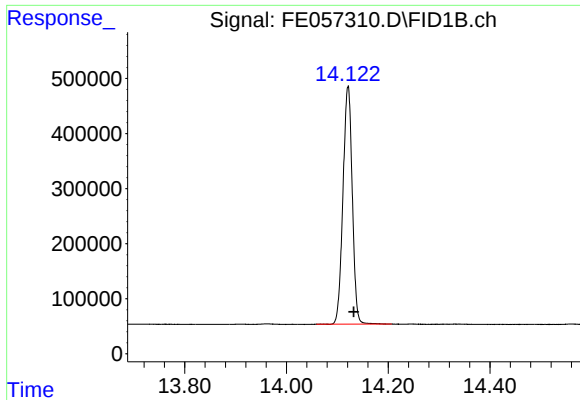
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.011 min
Response: 5592172
Conc: 29.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.011 min
Response: 4757314
Conc: 28.58 ug/ml



#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: -0.011 min
Response: 5485593
Conc: 28.42 ug/ml

Instrument :

FID_E

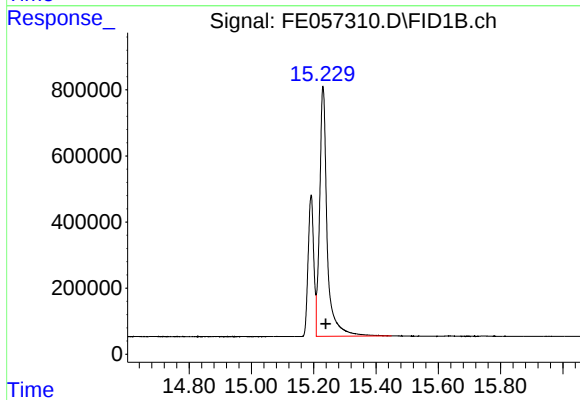
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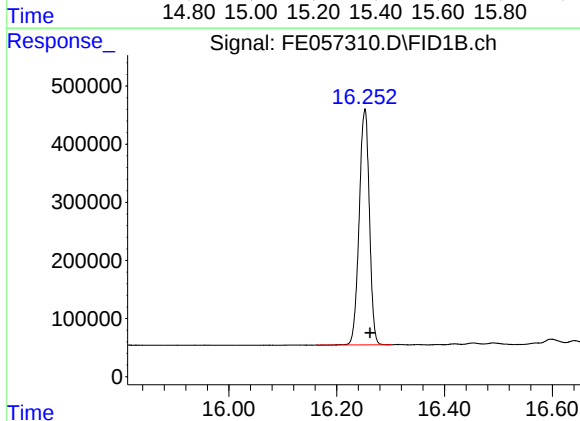
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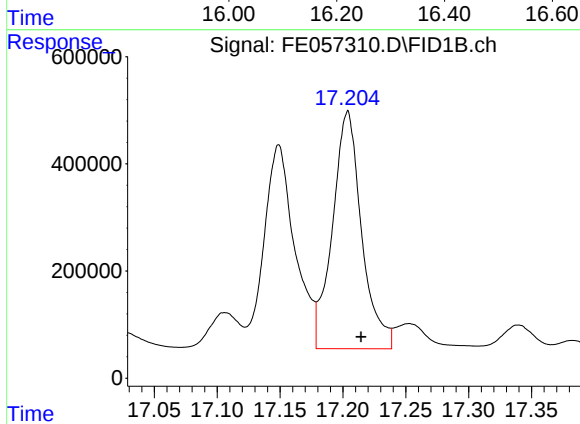
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.008 min
Response: 12764586
Conc: 64.45 ug/ml



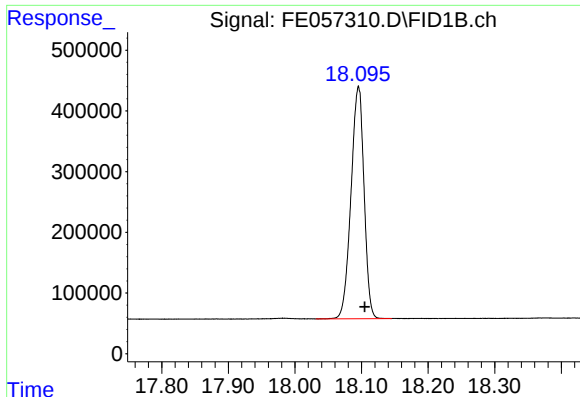
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.010 min
Response: 5333070
Conc: 26.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.011 min
Response: 7140359
Conc: 34.75 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.010 min
Response: 5197396
Conc: 23.16 ug/ml

Instrument :

FID_E

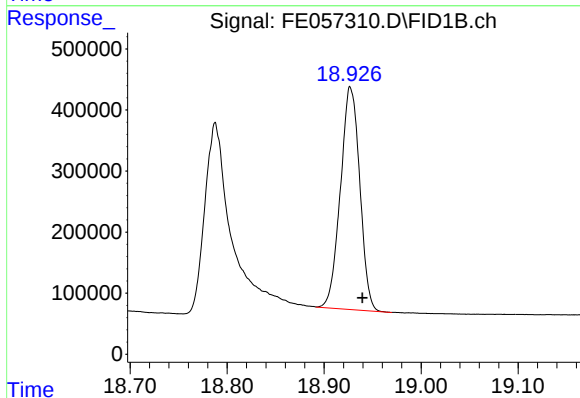
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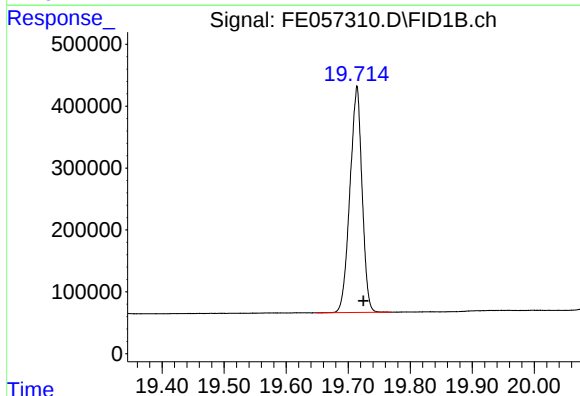
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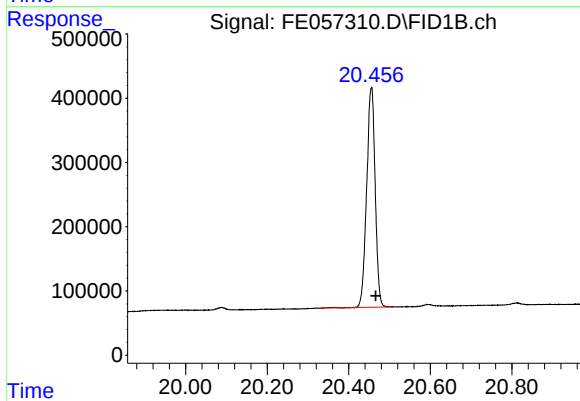
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.013 min
Response: 5053373
Conc: 21.65 ug/ml m



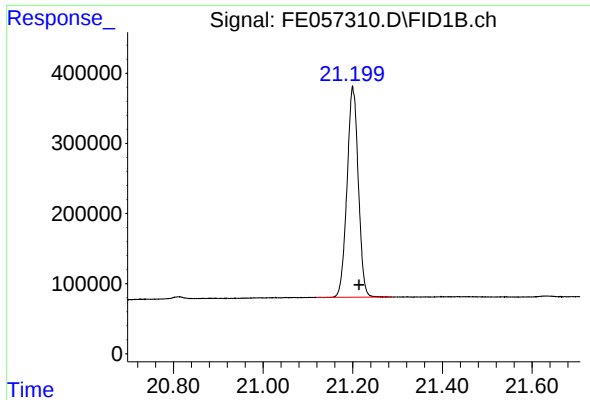
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 4961149
Conc: 23.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 4963189
Conc: 26.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.014 min
Response: 5246367
Conc: 30.27 ug/ml

Instrument :

FID_E

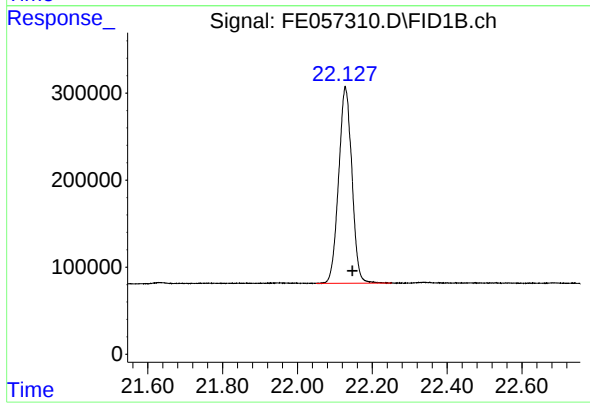
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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.018 min
Response: 5531661
Conc: 32.83 ug/ml