

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056643.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 18:58
 Operator : YP\AJ
 Sample : Q3516-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-103125MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/04/2025
 Supervised By :Yogesh Patel 11/04/2025

Integration File: sample.E
 Quant Time: Nov 04 00:43:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.972	5854777	28.025 ug/ml
Spiked Amount 50.000		Recovery =	56.05%
12) S 1-chlorooctadecane (S...	13.410	4894913	30.381 ug/ml
Spiked Amount 50.000		Recovery =	60.76%
Target Compounds			
1) T n-Nonane (C9)	3.325	3582456	21.329 ug/ml
2) T n-Decane (C10)	4.578	3999103	23.306 ug/mlm
3) T A~Naphthalene (C11.7)	6.293	5043656	27.324 ug/ml
4) T n-Dodecane (C12)	6.751	4469283	25.696 ug/ml
5) T A~2-methylnaphthalene...	7.393	4912372	27.719 ug/ml
6) T n-Tetradecane (C14)	8.587	5254751	30.104 ug/ml
7) T n-Hexadecane (C16)	10.200	5559352	30.386 ug/ml
8) T n-Octadecane (C18)	11.649	5540864	29.275 ug/ml
10) T n-Eicosane (C20)	12.963	5622885	30.172 ug/ml
11) T n-Heneicosane (C21)	13.577	5300575	28.826 ug/ml
13) T n-Docosane (C22)	14.165	5314297	28.388 ug/ml
14) T n-Tetracosane (C24)	15.271	10998061	56.151 ug/ml
15) T n-Hexacosane (C26)	16.297	5031223	25.889 ug/ml
16) T n-Octacosane (C28)	17.248	4915401	25.381 ug/mlm
17) T n-Tricontane (C30)	18.141	4790259	23.892 ug/ml
18) T n-Dotriacontane (C32)	18.974	4732637	24.066 ug/ml
19) T n-Tetratriacontane (C34)	19.761	4544567	26.329 ug/ml
20) T n-Hexatriacontane (C36)	20.503	4313974	29.822 ug/ml
21) T n-Octatriacontane (C38)	21.257	4337727	34.464 ug/ml
22) T n-Tetracontane (C40)	22.205	4014602	34.724 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q3516-01MS
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ALS Vial : 25 Sample Multiplier: 1

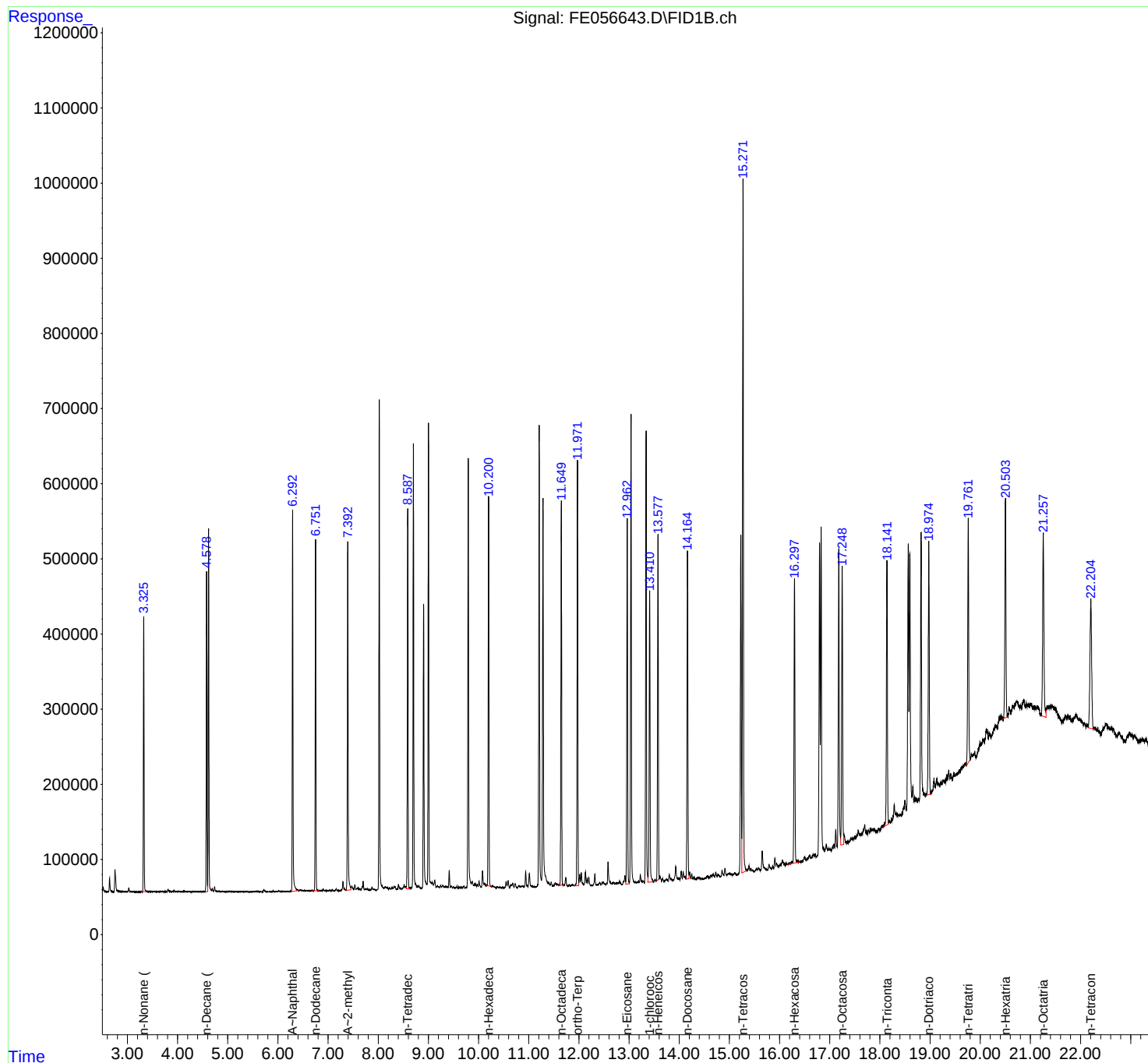
Instrument :
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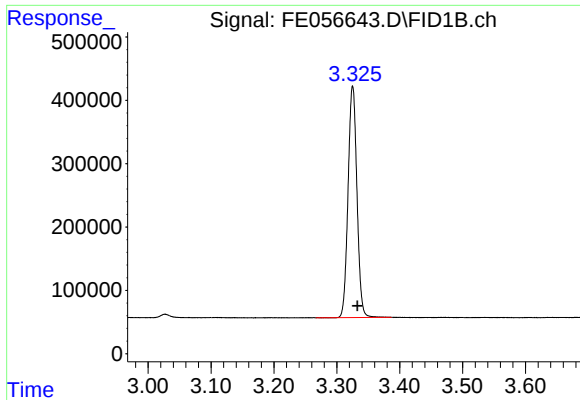
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.008 min
Response: 3582456
Conc: 21.33 ug/ml

Instrument :

FID_E

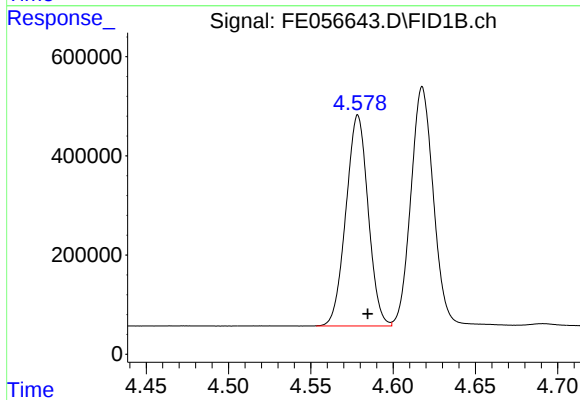
ClientSampleId :

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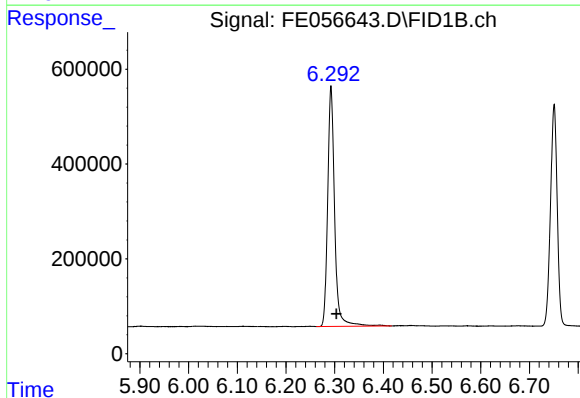
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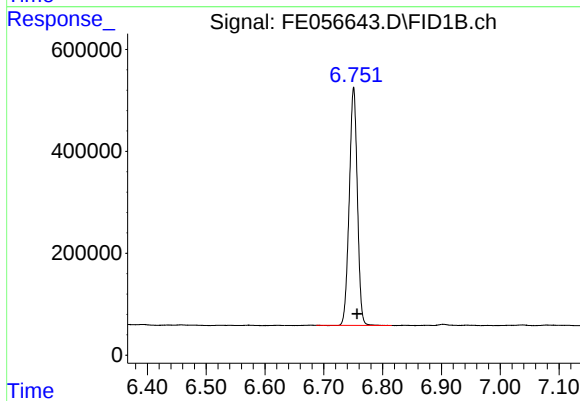
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.006 min
Response: 3999103
Conc: 23.31 ug/ml m



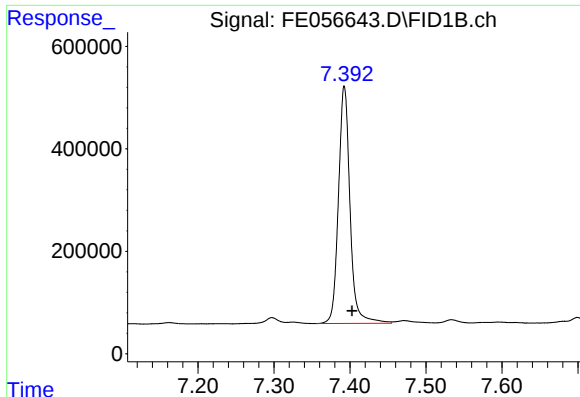
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.011 min
Response: 5043656
Conc: 27.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 4469283
Conc: 25.70 ug/ml



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

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 4912372
Conc: 27.72 ug/ml

Instrument :

FID_E

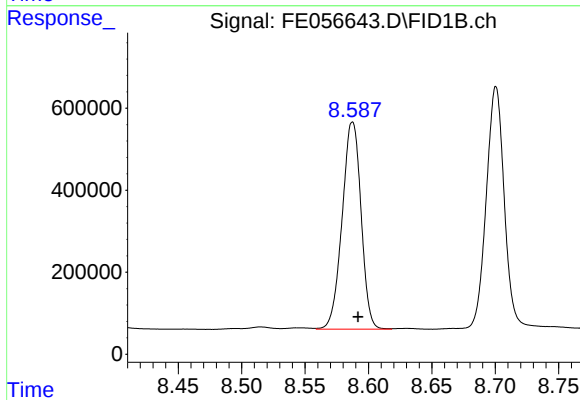
ClientSampleId :

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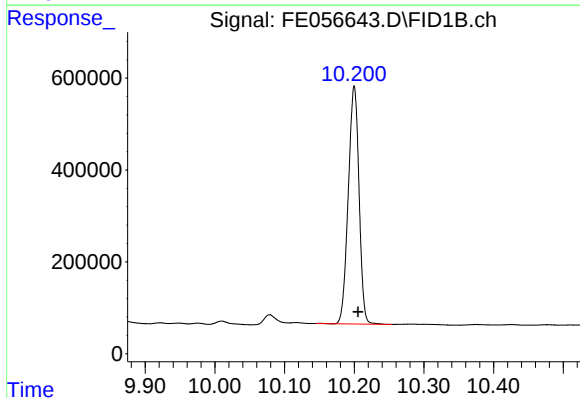
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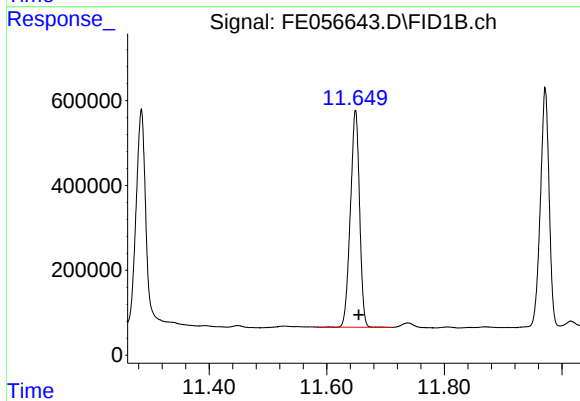
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.005 min
Response: 5254751
Conc: 30.10 ug/ml



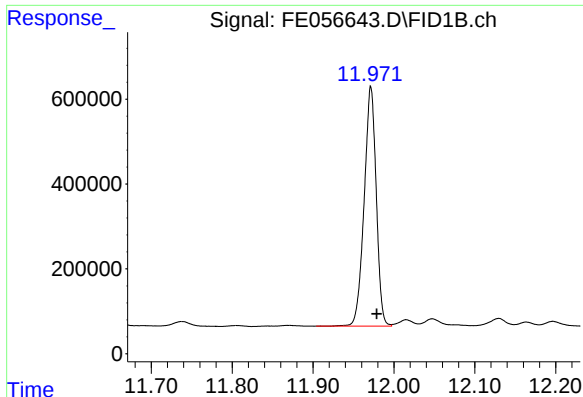
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.006 min
Response: 5559352
Conc: 30.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.649 min
Delta R.T.: -0.006 min
Response: 5540864
Conc: 29.27 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.007 min
Response: 5854777
Conc: 28.02 ug/ml

Instrument :

FID_E

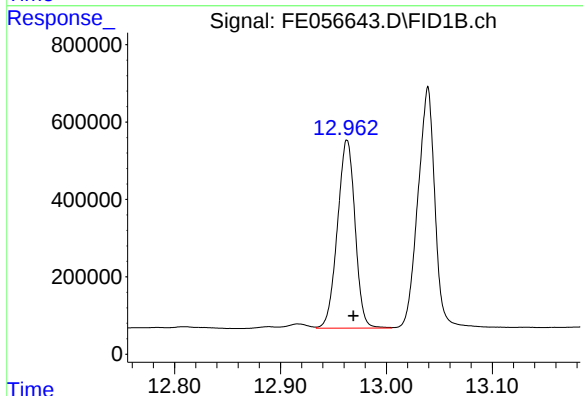
ClientSampleId :

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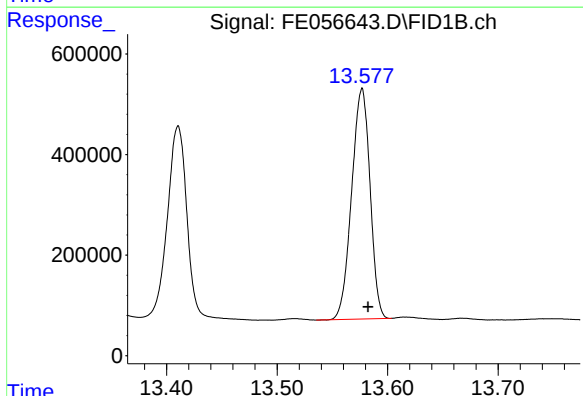
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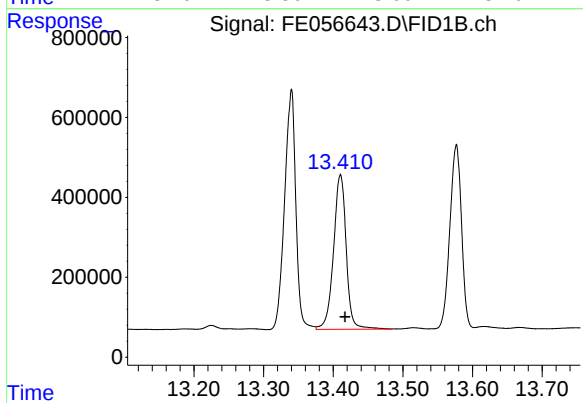
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: -0.006 min
Response: 5622885
Conc: 30.17 ug/ml



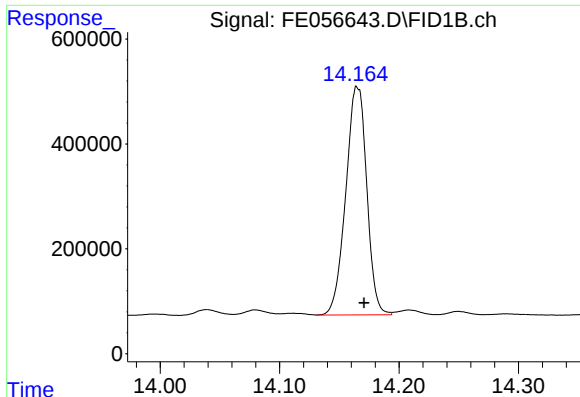
#11 n-Heneicosane (C21)

R.T.: 13.577 min
Delta R.T.: -0.006 min
Response: 5300575
Conc: 28.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.007 min
Response: 4894913
Conc: 30.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.006 min
Response: 5314297
Conc: 28.39 ug/ml

Instrument :

FID_E

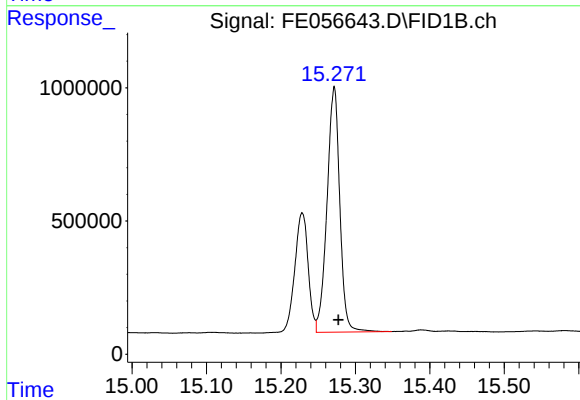
ClientSampleId :

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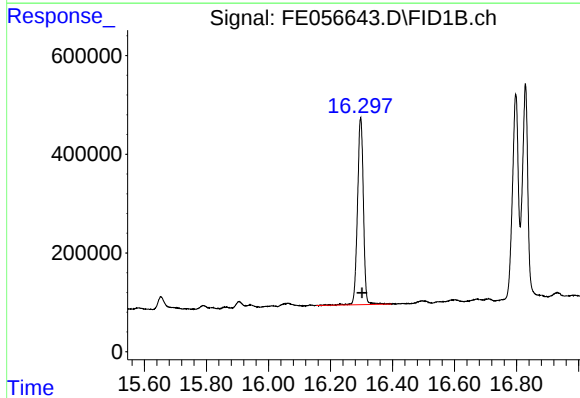
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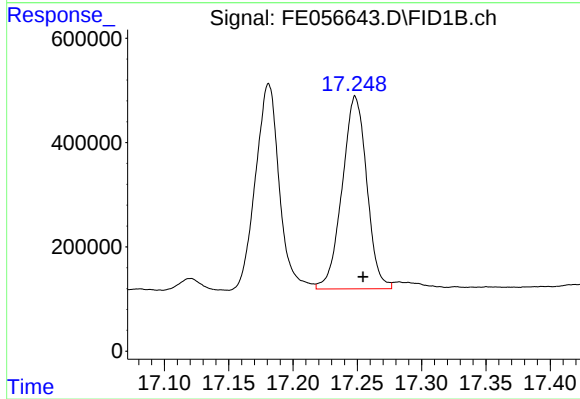
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: -0.006 min
Response: 10998061
Conc: 56.15 ug/ml



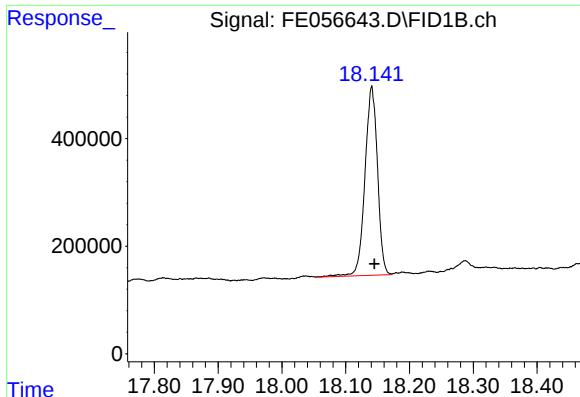
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: -0.005 min
Response: 5031223
Conc: 25.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: -0.007 min
Response: 4915401
Conc: 25.38 ug/ml m



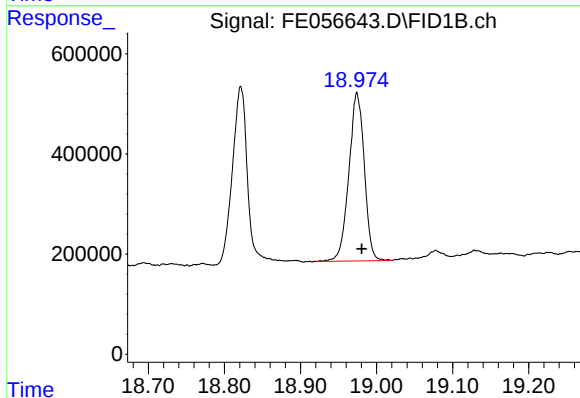
#17 n-Tricontane (C30)

R.T.: 18.141 min
Delta R.T.: -0.004 min
Response: 4790259
Conc: 23.89 ug/ml

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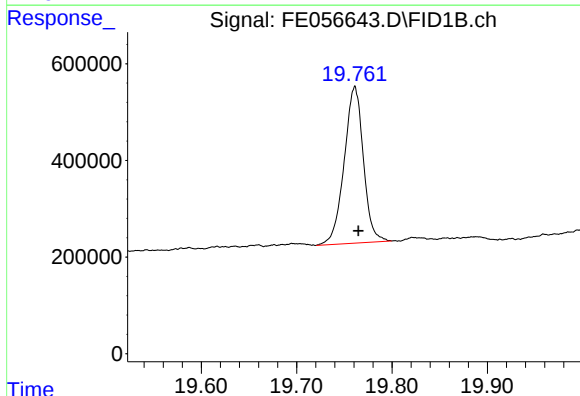
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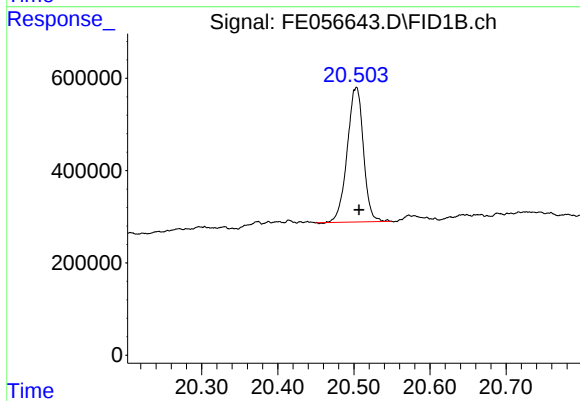
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.006 min
Response: 4732637
Conc: 24.07 ug/ml



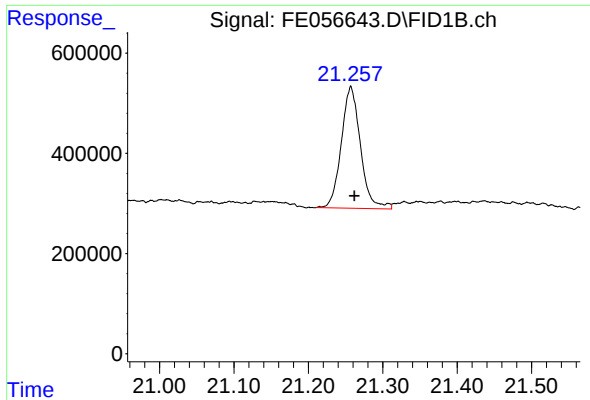
#19 n-Tetratriacontane (C34)

R.T.: 19.761 min
Delta R.T.: -0.004 min
Response: 4544567
Conc: 26.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: -0.004 min
Response: 4313974
Conc: 29.82 ug/ml



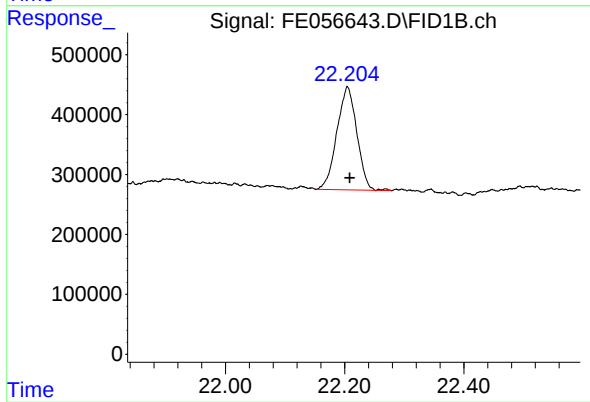
#21 n-Octatriacontane (C38)

R.T.: 21.257 min
Delta R.T.: -0.005 min
Response: 4337727
Conc: 34.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.205 min
Delta R.T.: -0.004 min
Response: 4014602
Conc: 34.72 ug/ml