

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110525AL\
 Data File : FE056674.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2025 16:07
 Operator : YP\AJ
 Sample : Q3532-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Yogesh Patel 11/06/2025

Integration File: autoint1.e
 Quant Time: Nov 06 02:07:53 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)	11.973	6102211	29.209 ug/ml
Spiked Amount 50.000		Recovery =	58.42%
12) S 1-chlorooctadecane (S...	13.411	4974880	30.877 ug/ml
Spiked Amount 50.000		Recovery =	61.75%
Target Compounds			
1) T n-Nonane (C9)	3.323	3767179	22.429 ug/ml
2) T n-Decane (C10)	4.577	4237427	24.694 ug/mlm
3) T A~Naphthalene (C11.7)	6.293	5252198	28.454 ug/ml
4) T n-Dodecane (C12)	6.751	4799835	27.596 ug/ml
5) T A~2-methylnaphthalene...	7.393	5062442	28.565 ug/ml
6) T n-Tetradecane (C14)	8.588	5420773	31.055 ug/ml
7) T n-Hexadecane (C16)	10.201	5853437	31.994 ug/ml
8) T n-Octadecane (C18)	11.650	5972871	31.557 ug/ml
10) T n-Eicosane (C20)	12.965	5951598	31.935 ug/ml
11) T n-Heneicosane (C21)	13.579	5824746	31.677 ug/ml
13) T n-Docosane (C22)	14.166	5761883	30.779 ug/ml
14) T n-Tetracosane (C24)	15.275	12112300	61.840 ug/ml
15) T n-Hexacosane (C26)	16.300	5474171	28.168 ug/ml
16) T n-Octacosane (C28)	17.251	5449367	28.139 ug/mlm
17) T n-Tricontane (C30)	18.144	5206195	25.967 ug/ml
18) T n-Dotriacontane (C32)	18.977	5101422	25.942 ug/ml
19) T n-Tetratriacontane (C34)	19.763	5002128	28.979 ug/ml
20) T n-Hexatriacontane (C36)	20.506	4888018	33.791 ug/ml
21) T n-Octatriacontane (C38)	21.261	4979572	39.564 ug/ml
22) T n-Tetracontane (C40)	22.207	5147689	44.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

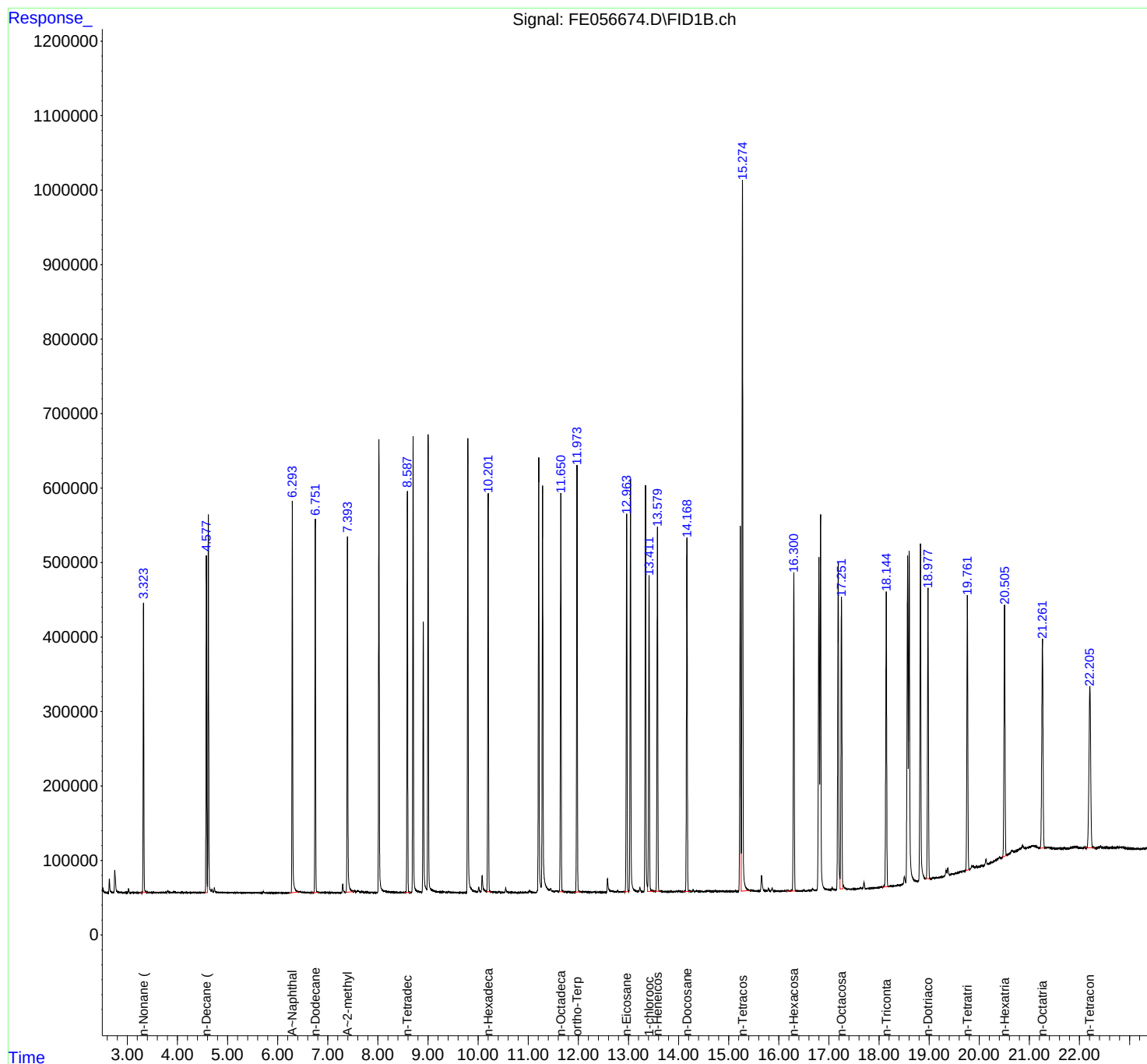
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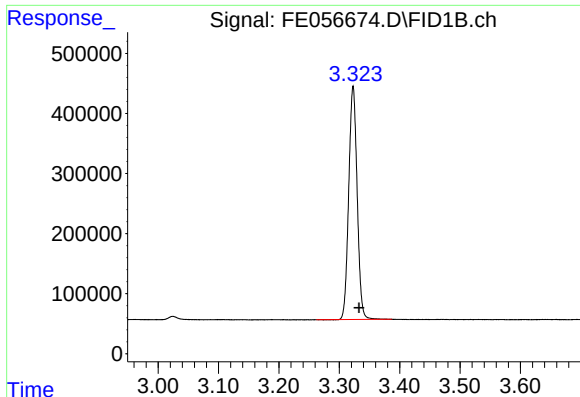
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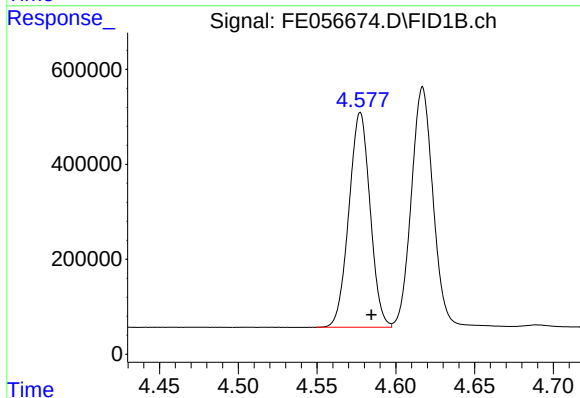
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.010 min
Response: 3767179
Conc: 22.43 ug/ml

Instrument :
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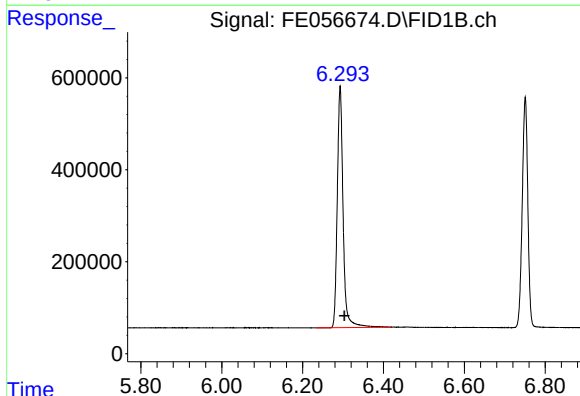
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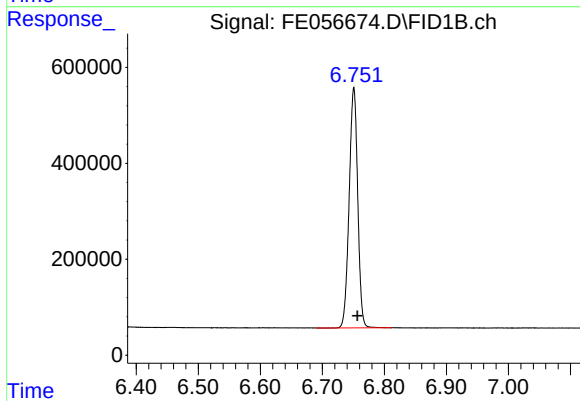
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 4237427
Conc: 24.69 ug/ml m



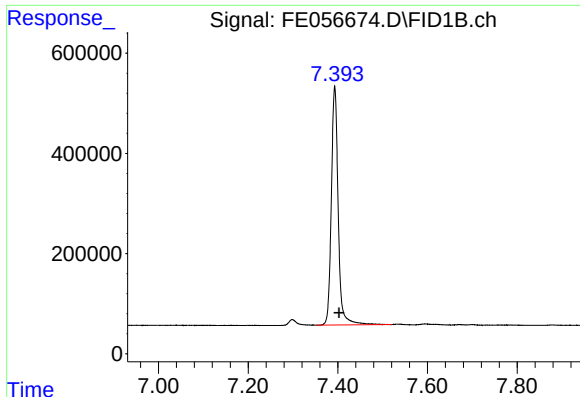
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.010 min
Response: 5252198
Conc: 28.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 4799835
Conc: 27.60 ug/ml



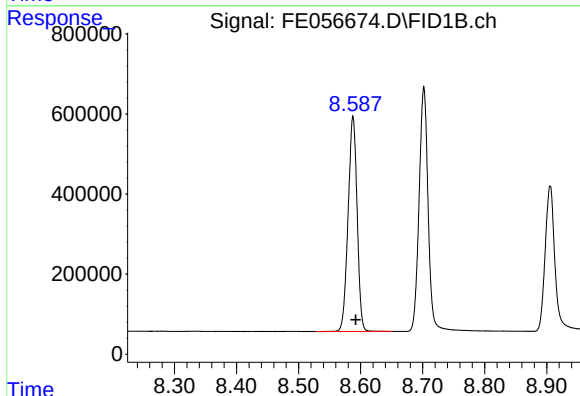
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 5062442
Conc: 28.57 ug/ml

Instrument :
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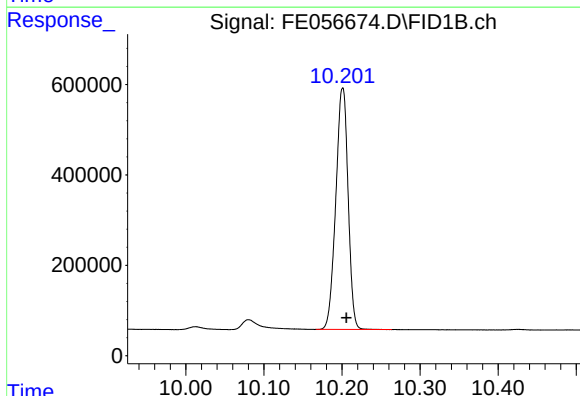
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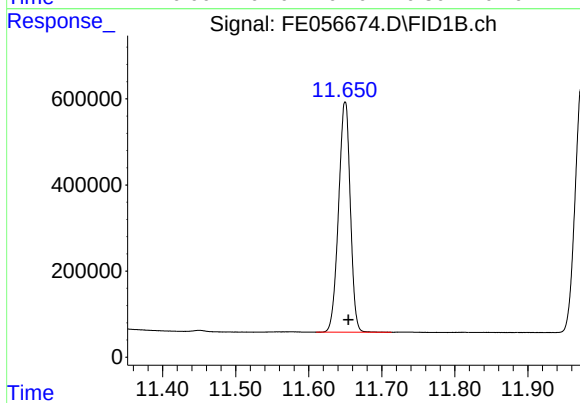
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 5420773
Conc: 31.06 ug/ml



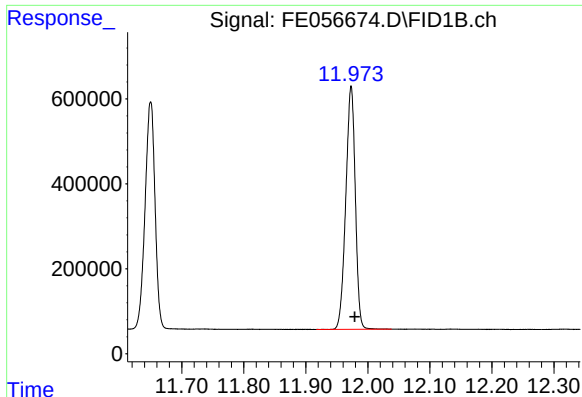
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.005 min
Response: 5853437
Conc: 31.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.005 min
Response: 5972871
Conc: 31.56 ug/ml



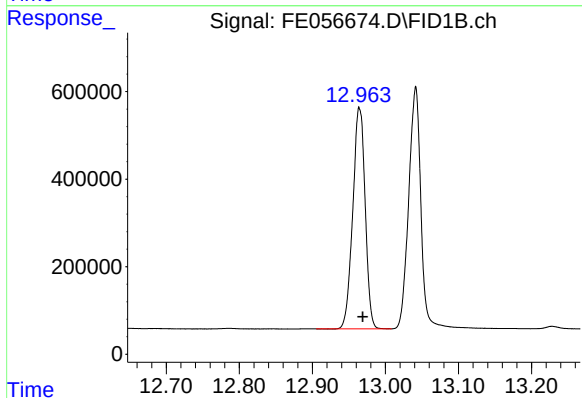
#9 ortho-Terphenyl (SURR)

R.T.: 11.973 min
Delta R.T.: -0.006 min
Response: 6102211
Conc: 29.21 ug/ml

Instrument :
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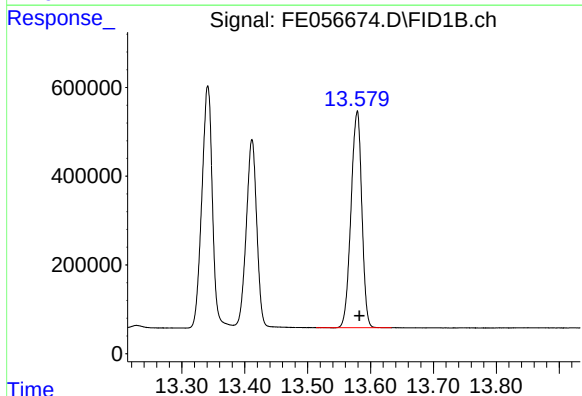
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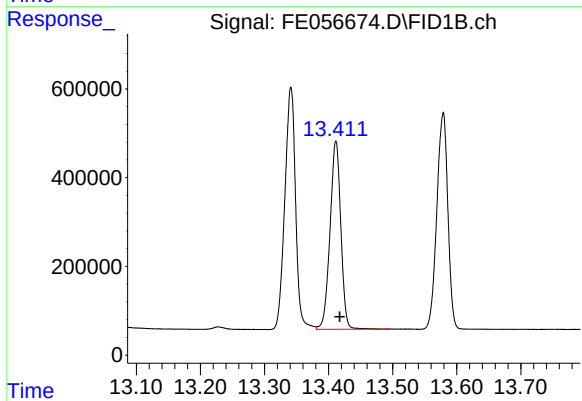
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.004 min
Response: 5951598
Conc: 31.94 ug/ml



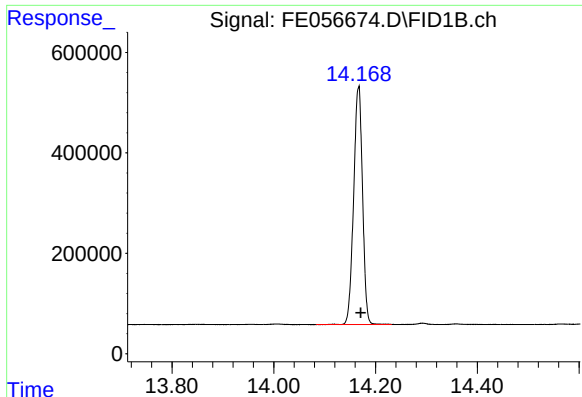
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: -0.004 min
Response: 5824746
Conc: 31.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: -0.006 min
Response: 4974880
Conc: 30.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.004 min
Response: 5761883
Conc: 30.78 ug/ml

Instrument :

FID_E

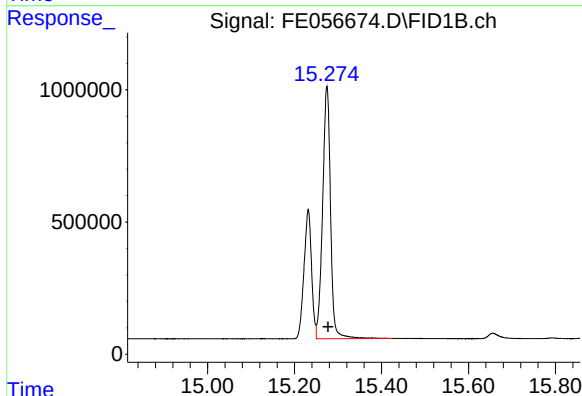
ClientSampleId :

TP-1MS

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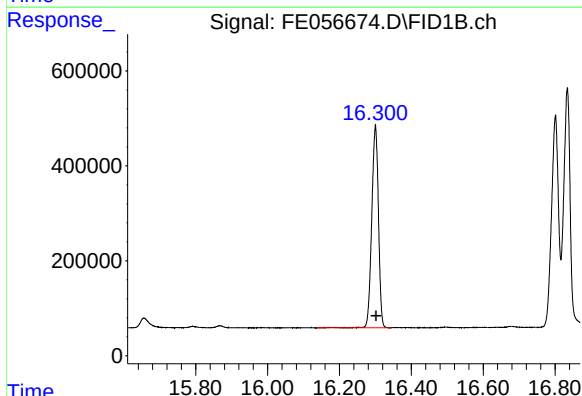
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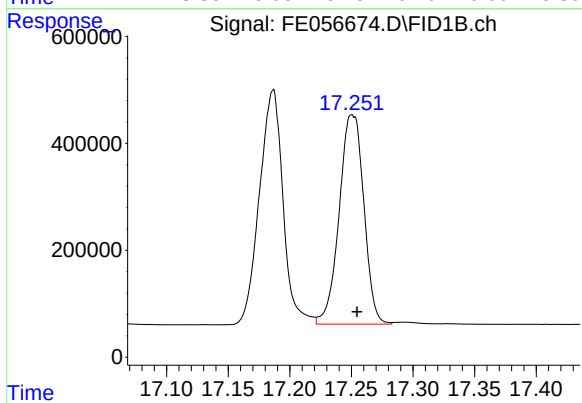
#14 n-Tetracosane (C24)

R.T.: 15.275 min
Delta R.T.: -0.003 min
Response: 12112300
Conc: 61.84 ug/ml



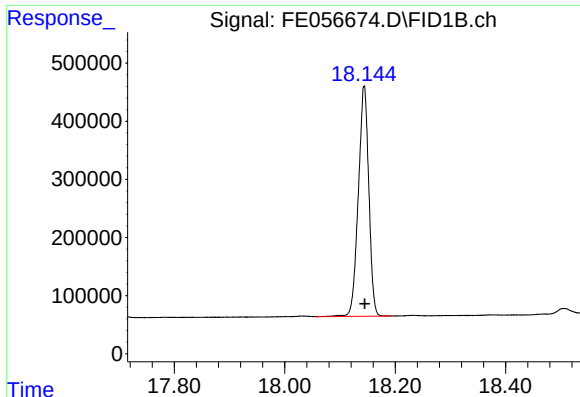
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: -0.002 min
Response: 5474171
Conc: 28.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: -0.004 min
Response: 5449367
Conc: 28.14 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.144 min
Delta R.T.: -0.001 min
Response: 5206195
Conc: 25.97 ug/ml

Instrument :

FID_E

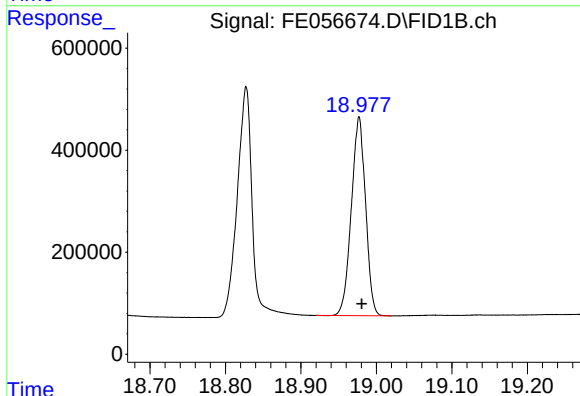
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TP-1MS

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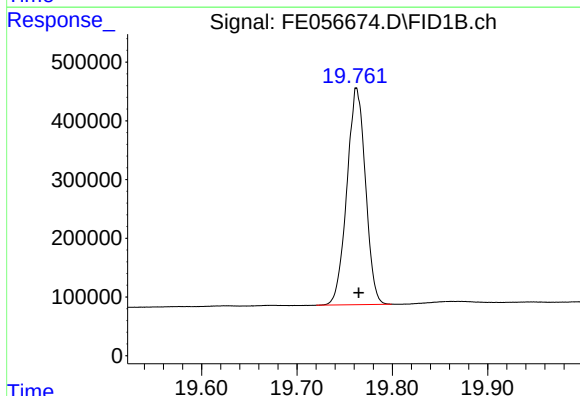
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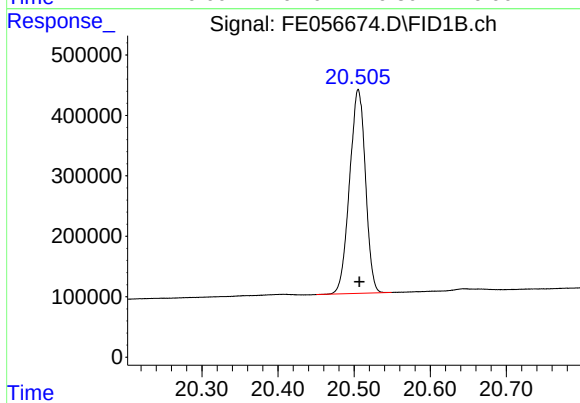
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.004 min
Response: 5101422
Conc: 25.94 ug/ml



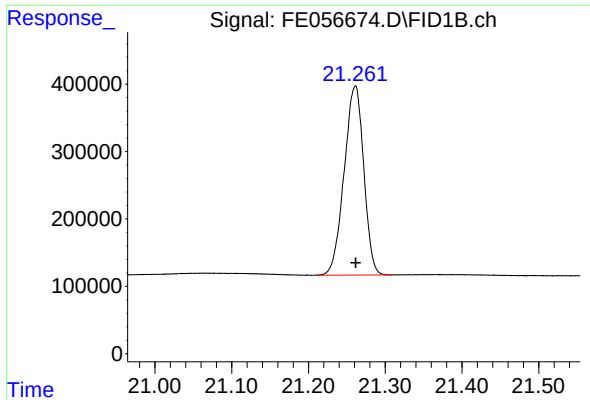
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: -0.002 min
Response: 5002128
Conc: 28.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.506 min
Delta R.T.: -0.001 min
Response: 4888018
Conc: 33.79 ug/ml



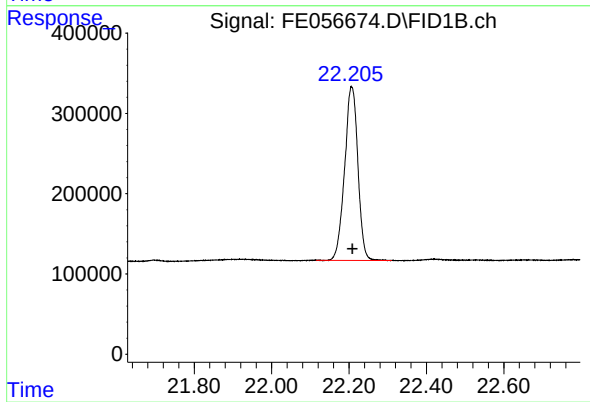
#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: -0.001 min
Response: 4979572
Conc: 39.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.207 min
Delta R.T.: -0.002 min
Response: 5147689
Conc: 44.52 ug/ml