

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
 Data File : FE056846.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2025 14:53
 Operator : YP\AJ
 Sample : PB170552BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB170552BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/17/2025

Supervised By :mohammad ahmed 11/18/2025

Integration File: autoint1.e

Quant Time: Nov 14 20:26:37 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)	11.952	6777751	32.443 ug/ml
Spiked Amount 50.000		Recovery =	64.89%
12) S 1-chlorooctadecane (S...	13.388	4559584	28.300 ug/ml
Spiked Amount 50.000		Recovery =	56.60%
Target Compounds			
1) T n-Nonane (C9)	3.321	5752057	34.246 ug/ml
2) T n-Decane (C10)	4.569	6009578	35.022 ug/mlm
3) T A~Naphthalene (C11.7)	6.280	7170556	38.847 ug/ml
4) T n-Dodecane (C12)	6.737	6290231	36.165 ug/ml
5) T A~2-methylnaphthalene...	7.378	6410315	36.171 ug/ml
6) T n-Tetradecane (C14)	8.571	6350400	36.381 ug/ml
7) T n-Hexadecane (C16)	10.182	6231301	34.059 ug/ml
8) T n-Octadecane (C18)	11.629	6195383	32.733 ug/ml
10) T n-Eicosane (C20)	12.942	6138264	32.937 ug/ml
11) T n-Heneicosane (C21)	13.555	6005520	32.660 ug/ml
13) T n-Docosane (C22)	14.143	5923124	31.640 ug/ml
14) T n-Tetracosane (C24)	15.249	12672927	64.703 ug/ml
15) T n-Hexacosane (C26)	16.273	5680056	29.228 ug/ml
16) T n-Octacosane (C28)	17.224	5824977	30.078 ug/ml
17) T n-Tricontane (C30)	18.115	5452370	27.194 ug/ml
18) T n-Dotriacontane (C32)	18.947	5504133	27.990 ug/ml
19) T n-Tetratriacontane (C34)	19.733	5423566	31.421 ug/ml
20) T n-Hexatriacontane (C36)	20.476	5389992	37.261 ug/ml
21) T n-Octatriacontane (C38)	21.224	5465646	43.426 ug/ml
22) T n-Tetracontane (C40)	22.158f	5785615	50.043 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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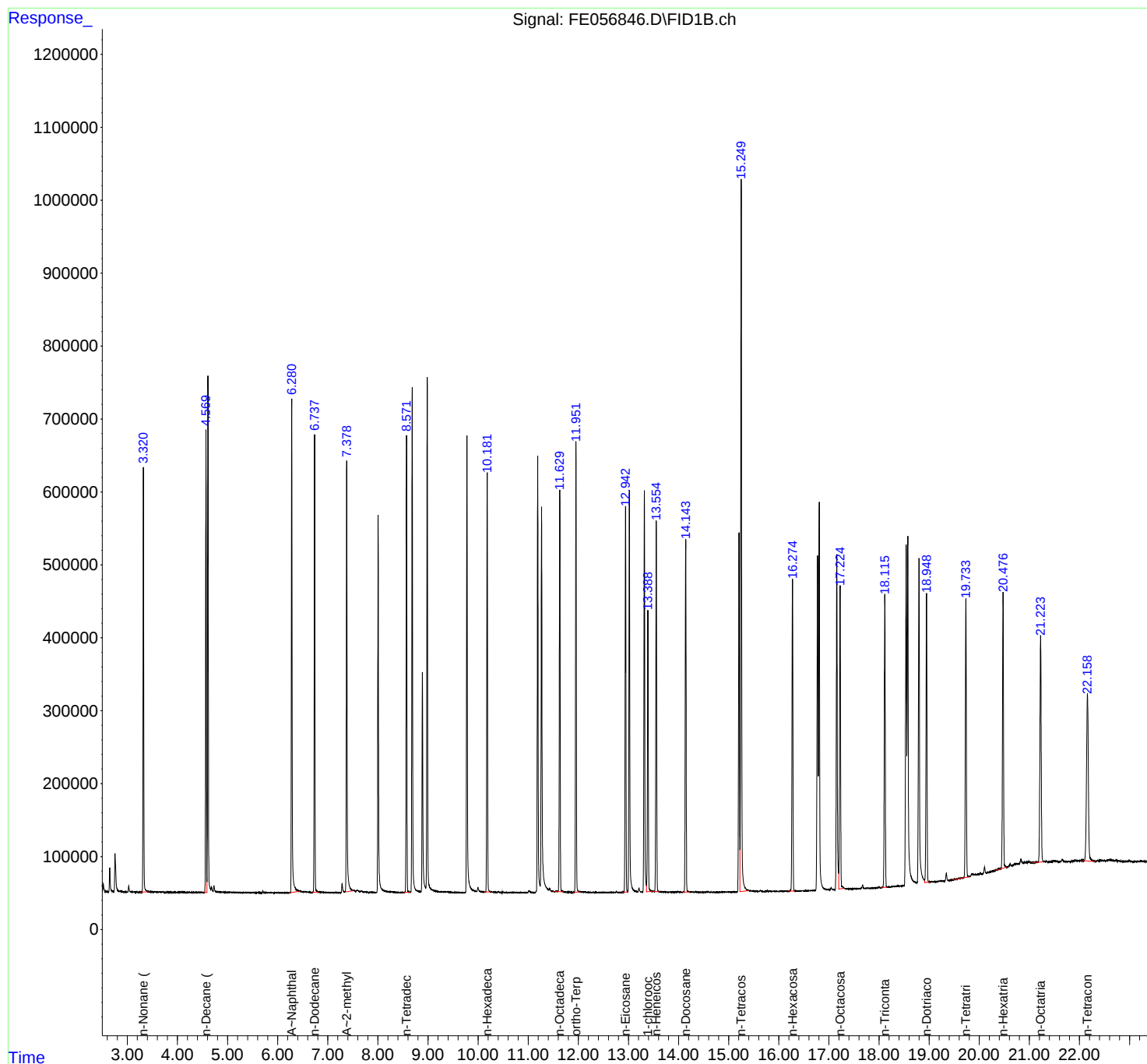
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PB170552BS

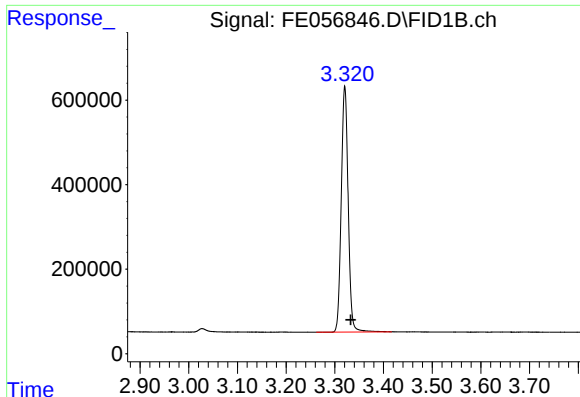
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Quant Title : GC Extractables
QLast Update : Thu Oct 30 12:50:27 2025
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: -0.012 min
Response: 5752057
Conc: 34.25 ug/ml

Instrument :

FID_E

ClientSampleId :

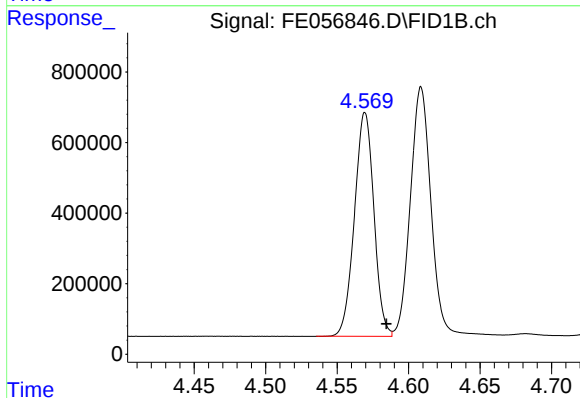
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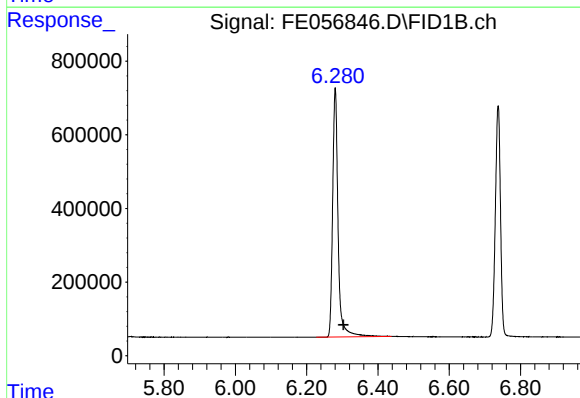
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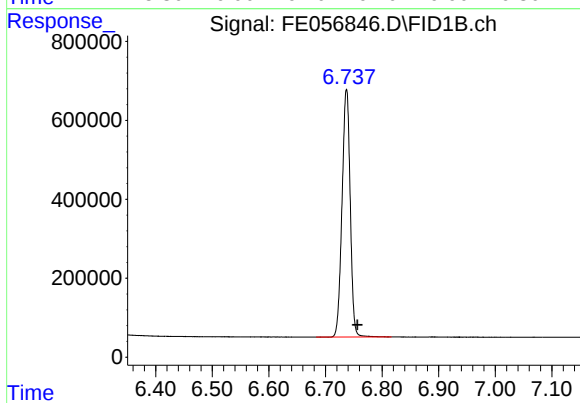
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.016 min
Response: 6009578
Conc: 35.02 ug/ml m



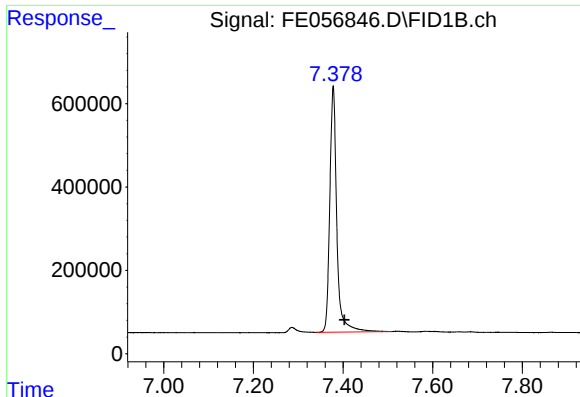
#3 A~Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: -0.023 min
Response: 7170556
Conc: 38.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.020 min
Response: 6290231
Conc: 36.17 ug/ml



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

R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 6410315
Conc: 36.17 ug/ml

Instrument :

FID_E

ClientSampleId :

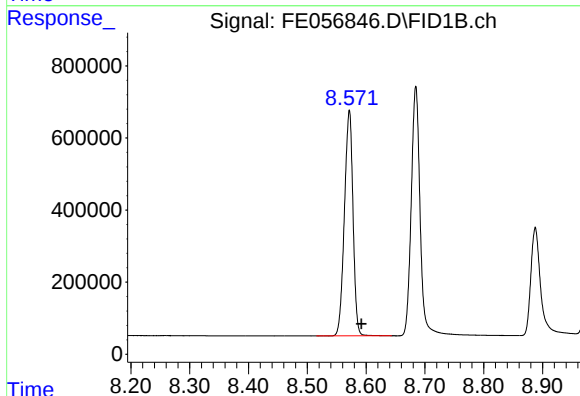
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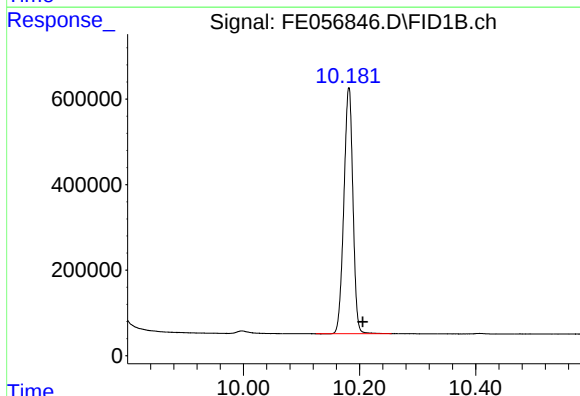
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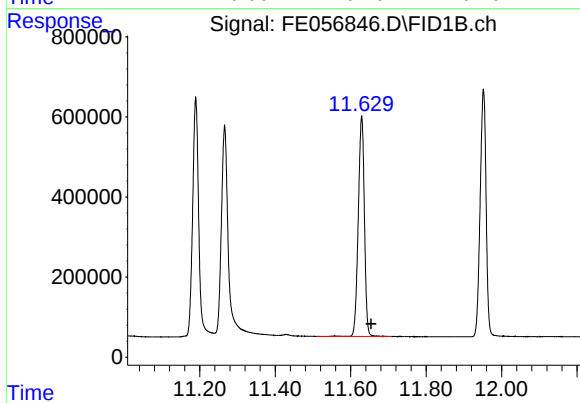
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.021 min
Response: 6350400
Conc: 36.38 ug/ml



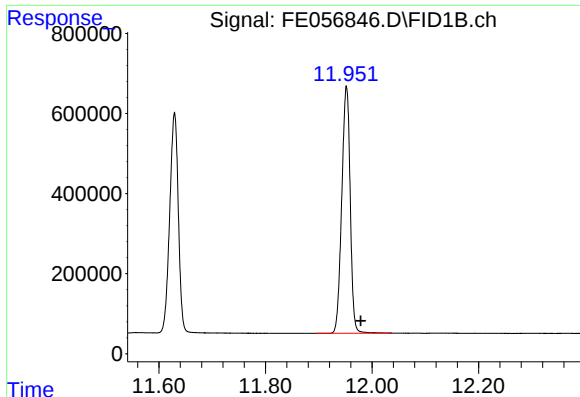
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.024 min
Response: 6231301
Conc: 34.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: -0.025 min
Response: 6195383
Conc: 32.73 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: -0.027 min
Response: 6777751
Conc: 32.44 ug/ml

Instrument :

FID_E

ClientSampleId :

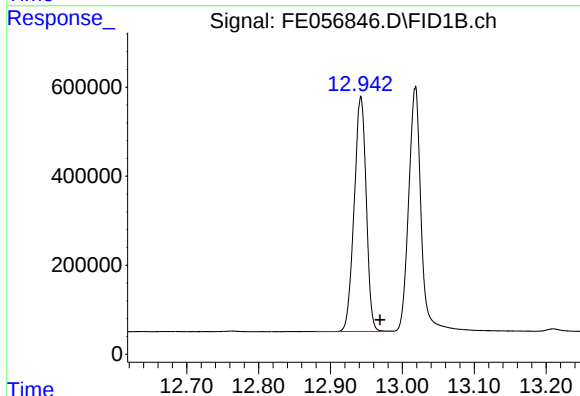
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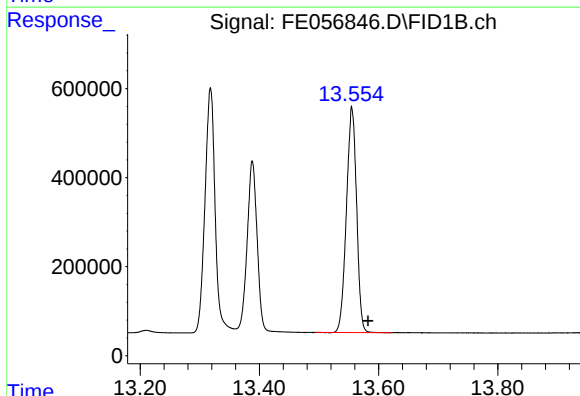
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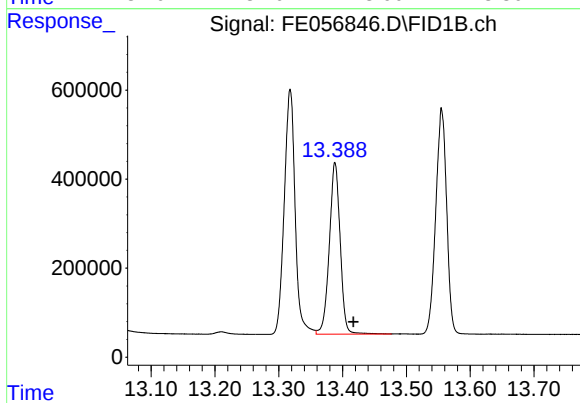
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.027 min
Response: 6138264
Conc: 32.94 ug/ml



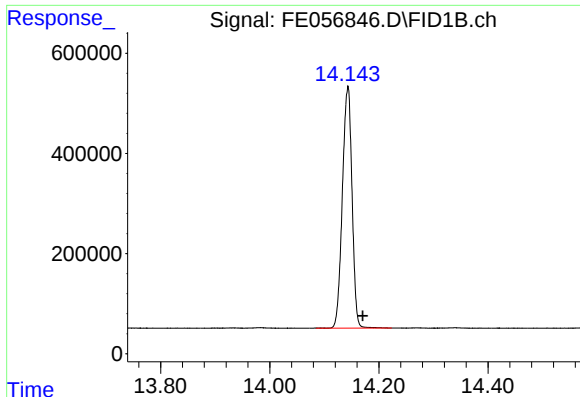
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.027 min
Response: 6005520
Conc: 32.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: -0.029 min
Response: 4559584
Conc: 28.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: -0.028 min
Response: 5923124
Conc: 31.64 ug/ml

Instrument :

FID_E

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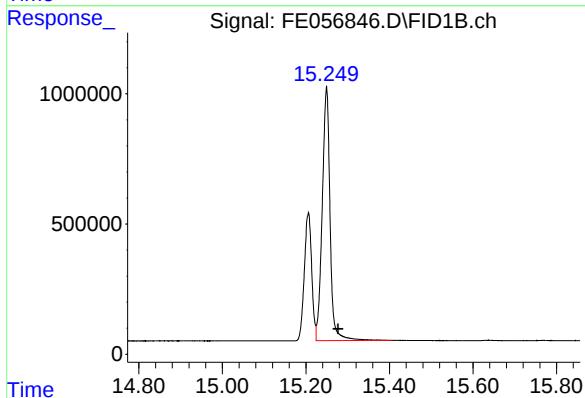
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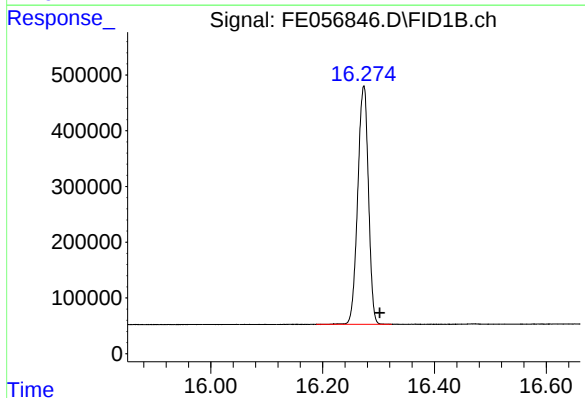
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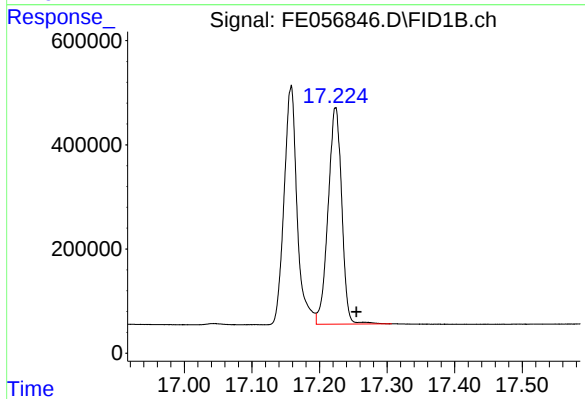
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.028 min
Response: 12672927
Conc: 64.70 ug/ml



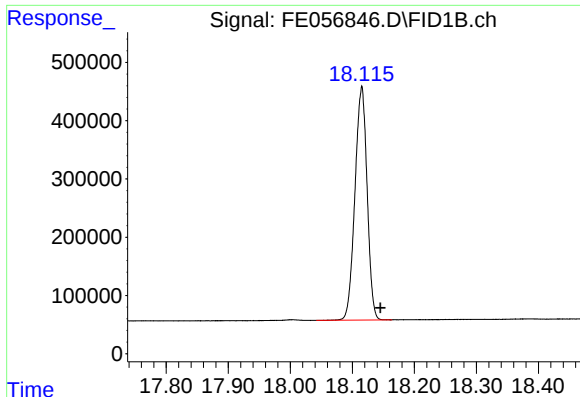
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.029 min
Response: 5680056
Conc: 29.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.031 min
Response: 5824977
Conc: 30.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.115 min
Delta R.T.: -0.030 min
Response: 5452370
Conc: 27.19 ug/ml

Instrument :

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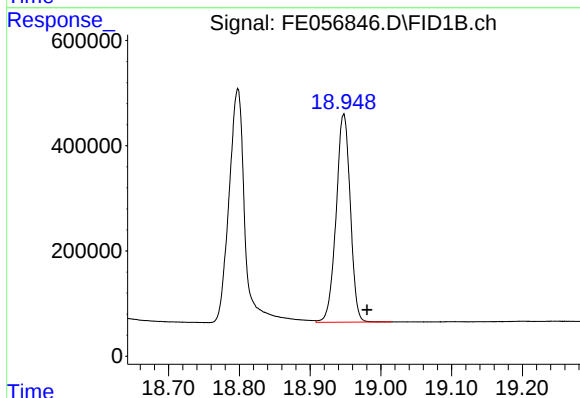
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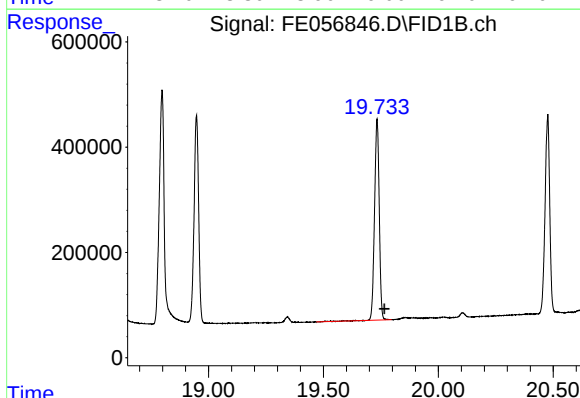
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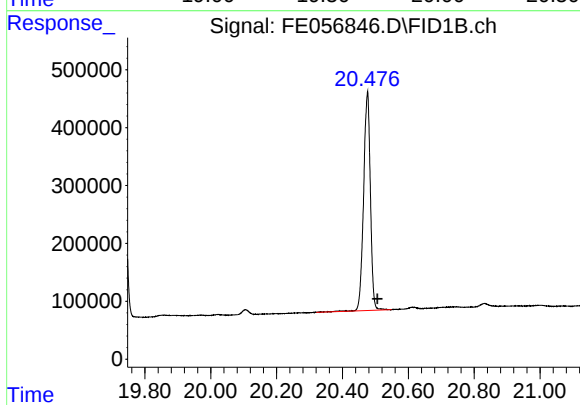
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.033 min
Response: 5504133
Conc: 27.99 ug/ml



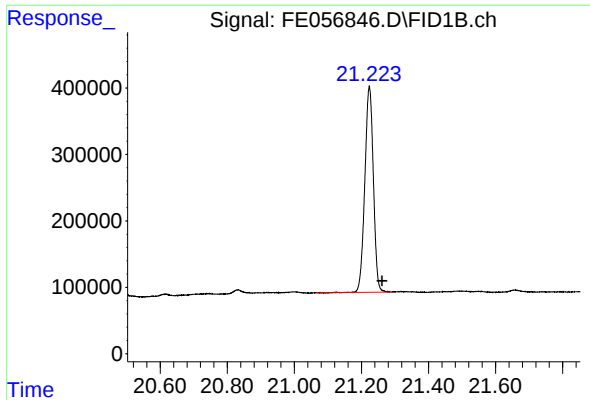
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.032 min
Response: 5423566
Conc: 31.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: -0.031 min
Response: 5389992
Conc: 37.26 ug/ml



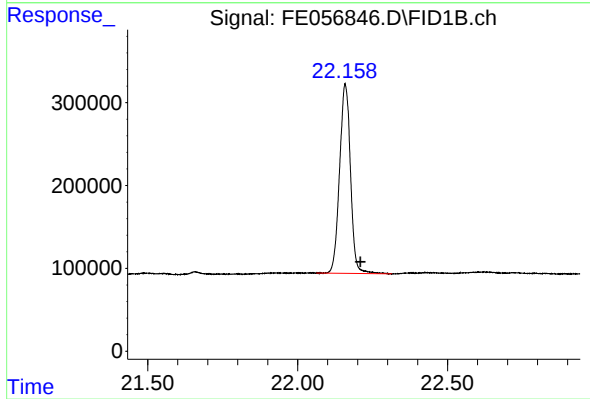
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.038 min
Response: 5465646
Conc: 43.43 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.050 min
Response: 5785615
Conc: 50.04 ug/ml