

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
 Data File : FE057298.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 01:44
 Operator : YP\AJ
 Sample : PB170886BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB170886BS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 12/11/2025

Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e

Quant Time: Dec 11 04:03:56 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)	11.934	7568767	34.491 ug/ml
Spiked Amount 50.000		Recovery =	68.98%
12) S 1-chlorooctadecane (S...	13.370	5330400	32.028 ug/ml
Spiked Amount 50.000		Recovery =	64.06%
Target Compounds			
1) T n-Nonane (C9)	3.297	5351855	27.360 ug/ml
2) T n-Decane (C10)	4.546	5680054	28.083 ug/ml
3) T A~Naphthalene (C11.7)	6.261	7475417	37.130 ug/ml
4) T n-Dodecane (C12)	6.716	6336267	31.045 ug/ml
5) T A~2-methylnaphthalene...	7.360	6779821	35.284 ug/ml
6) T n-Tetradecane (C14)	8.550	6474615	32.167 ug/ml
7) T n-Hexadecane (C16)	10.161	6332090	30.877 ug/ml
8) T n-Octadecane (C18)	11.609	6264151	30.392 ug/ml
10) T n-Eicosane (C20)	12.922	6183045	31.432 ug/ml
11) T n-Heneicosane (C21)	13.536	6061579	31.550 ug/ml
13) T n-Docosane (C22)	14.123	5966586	30.908 ug/ml
14) T n-Tetracosane (C24)	15.232	13888807	70.125 ug/ml
15) T n-Hexacosane (C26)	16.255	5799633	29.233 ug/ml
16) T n-Octacosane (C28)	17.207	7601743	36.991 ug/mlm
17) T n-Tricontane (C30)	18.097	6121839	27.278 ug/ml
18) T n-Dotriacontane (C32)	18.931	6348626	27.197 ug/ml
19) T n-Tetratriacontane (C34)	19.717	7213012	33.771 ug/ml
20) T n-Hexatriacontane (C36)	20.460	7651088	41.106 ug/ml
21) T n-Octatriacontane (C38)	21.207	8421403	48.592 ug/ml
22) T n-Tetracontane (C40)	22.139	9084349	53.908 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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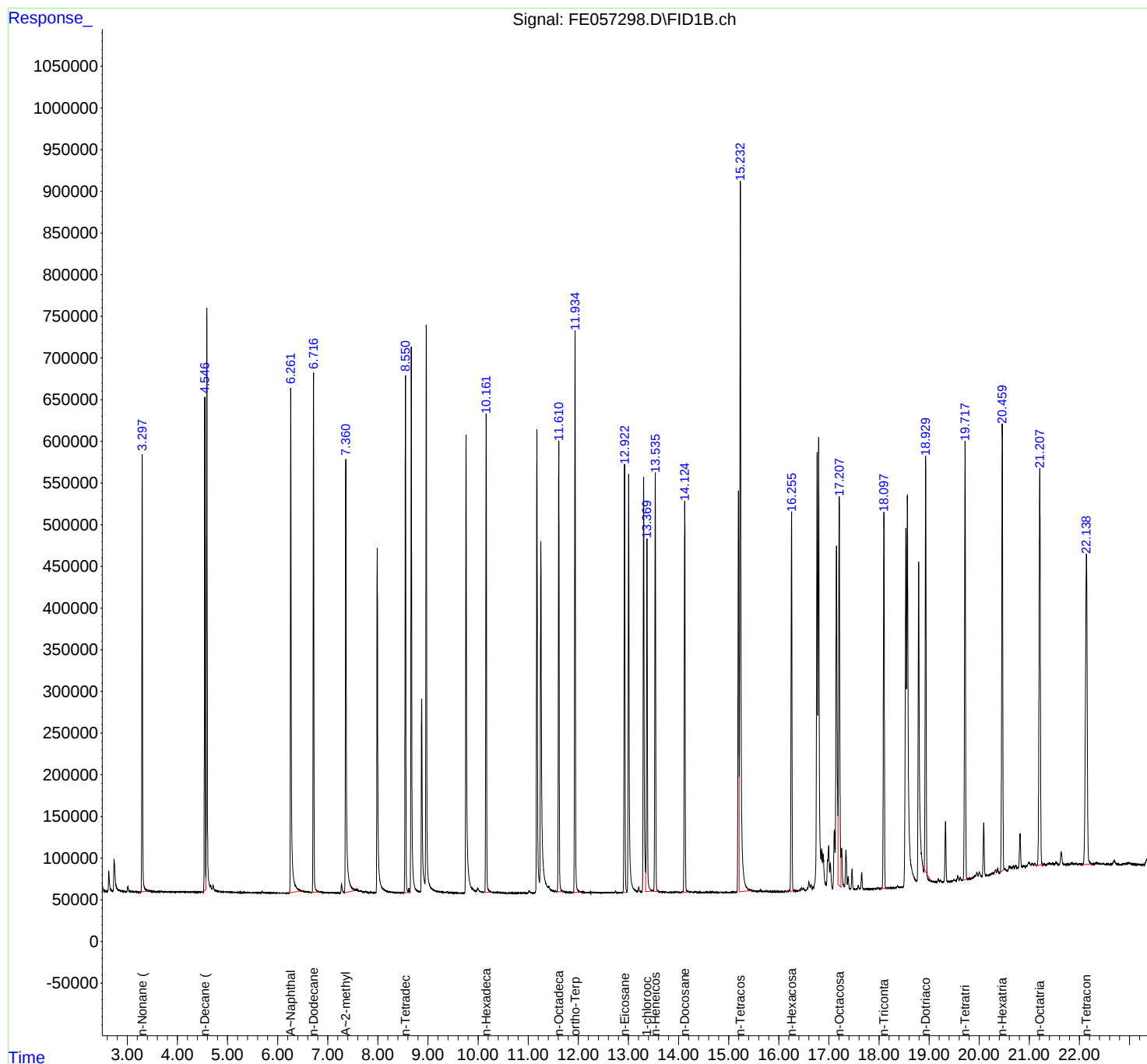
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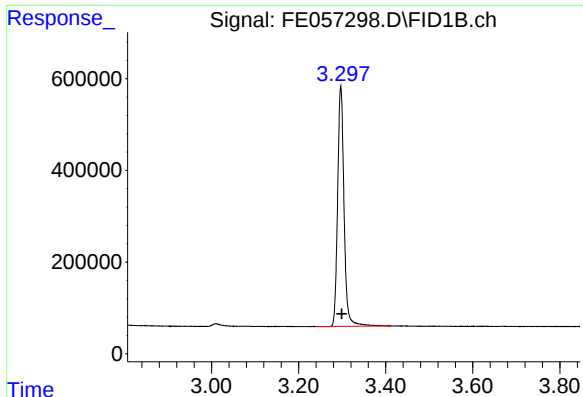
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 5351855
Conc: 27.36 ug/ml

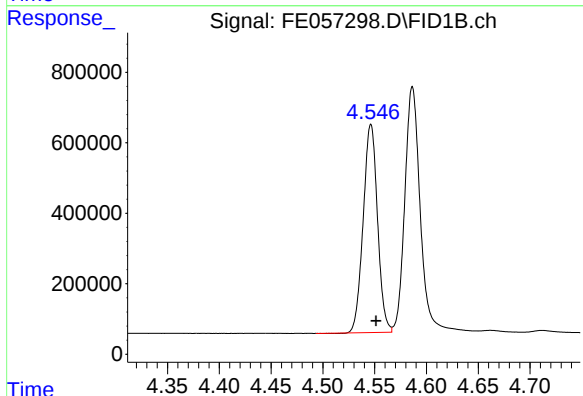
Instrument :

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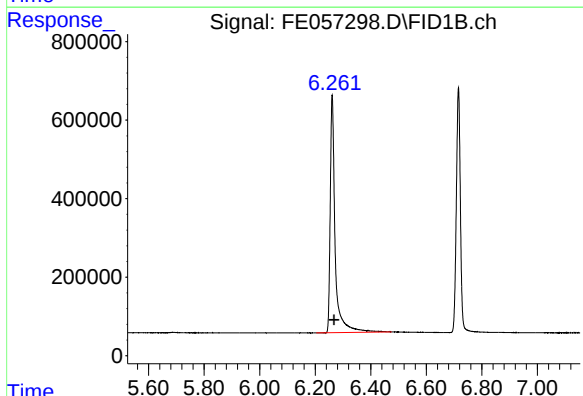
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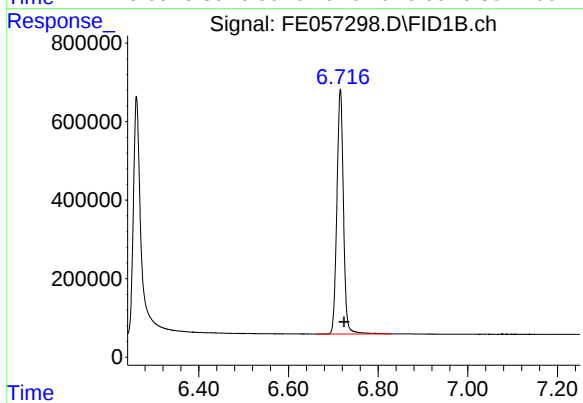
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 5680054
Conc: 28.08 ug/ml



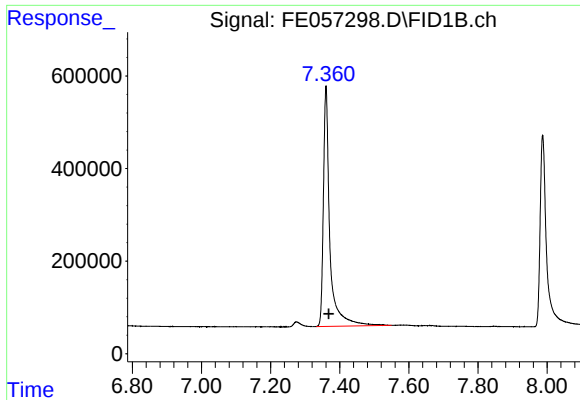
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 7475417
Conc: 37.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 6336267
Conc: 31.05 ug/ml



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

R.T.: 7.360 min
Delta R.T.: -0.007 min
Response: 6779821
Conc: 35.28 ug/ml

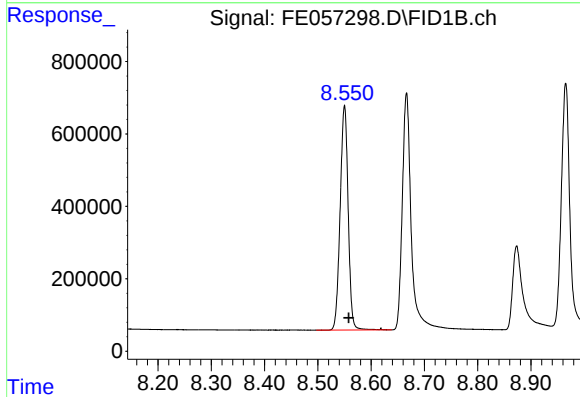
Instrument :

FID_E

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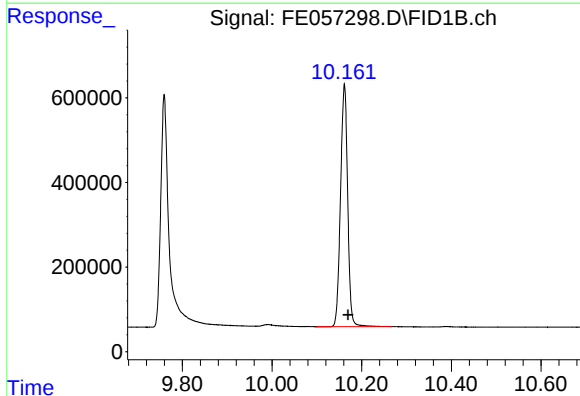
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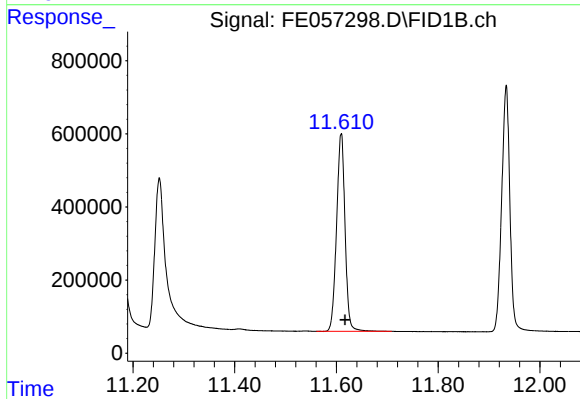
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 6474615
Conc: 32.17 ug/ml



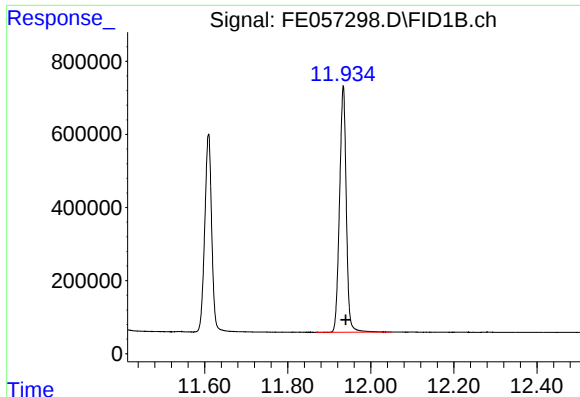
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.008 min
Response: 6332090
Conc: 30.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 6264151
Conc: 30.39 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: -0.006 min
Response: 7568767
Conc: 34.49 ug/ml

Instrument :

FID_E

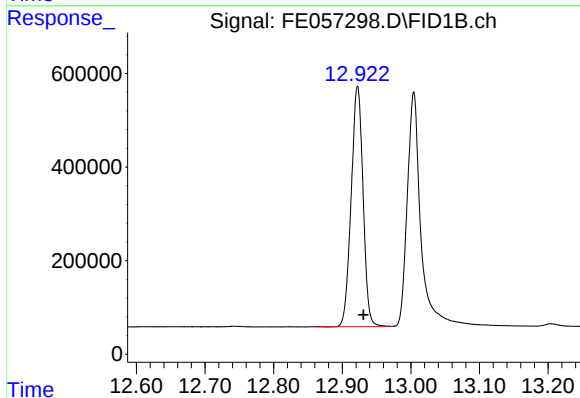
ClientSampleId :

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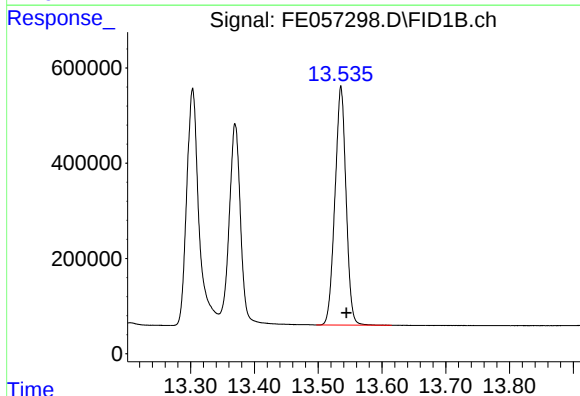
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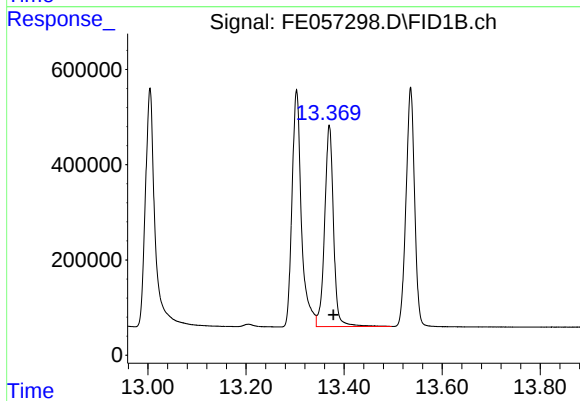
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.008 min
Response: 6183045
Conc: 31.43 ug/ml



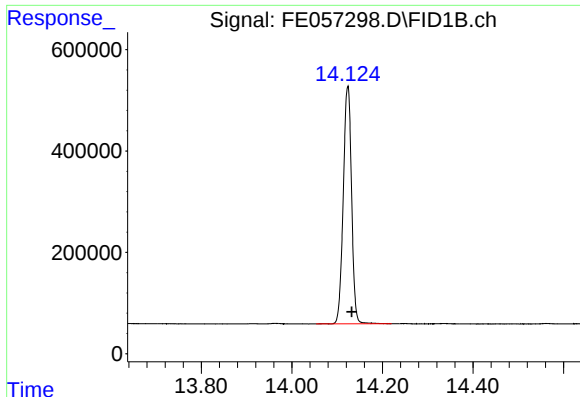
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.009 min
Response: 6061579
Conc: 31.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 5330400
Conc: 32.03 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.009 min
Response: 5966586
Conc: 30.91 ug/ml

Instrument :

FID_E

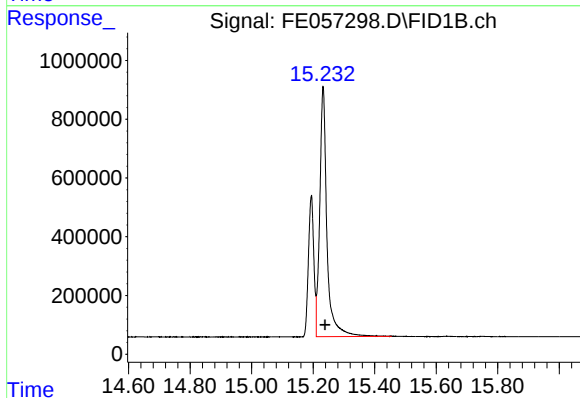
ClientSampleId :

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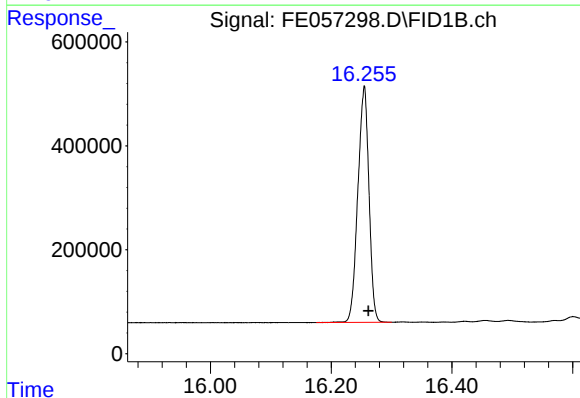
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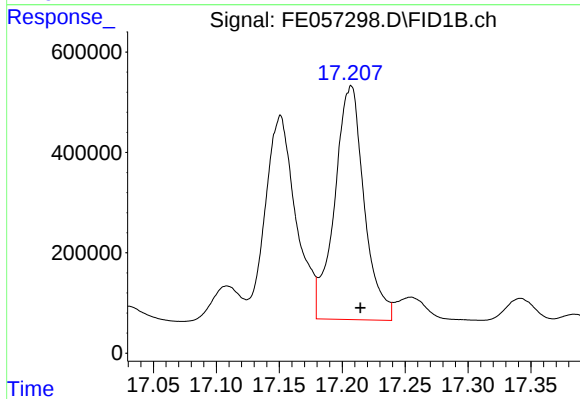
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.006 min
Response: 13888807
Conc: 70.13 ug/ml



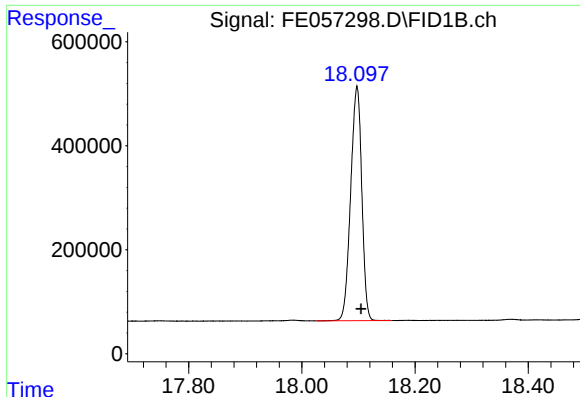
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.007 min
Response: 5799633
Conc: 29.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.008 min
Response: 7601743
Conc: 36.99 ug/ml m



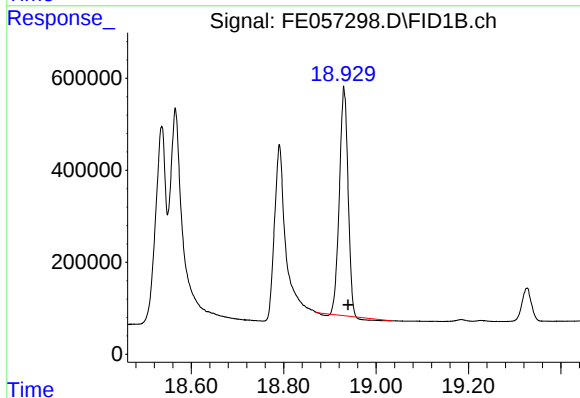
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 6121839
Conc: 27.28 ug/ml

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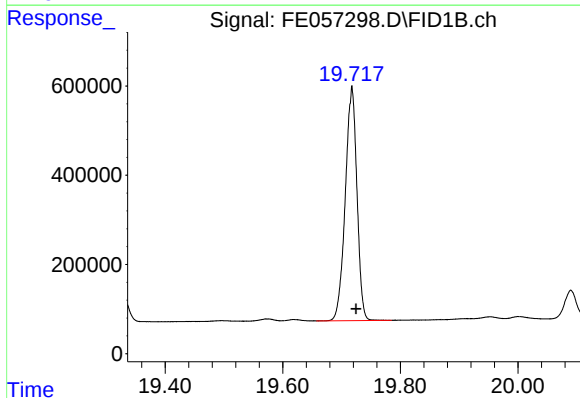
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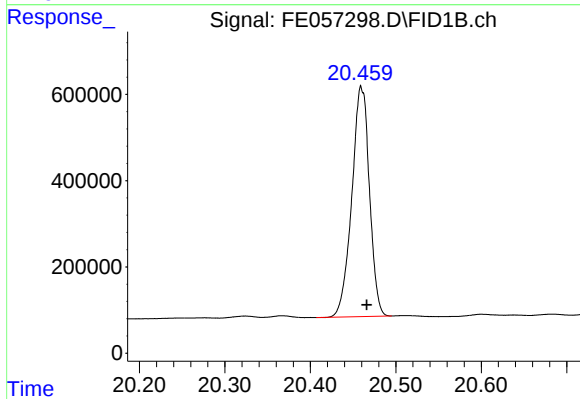
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.009 min
Response: 6348626
Conc: 27.20 ug/ml



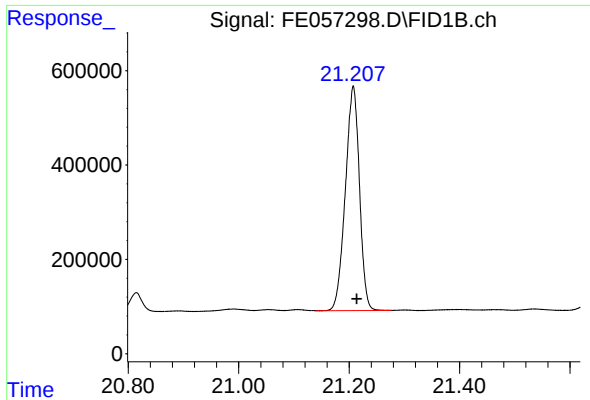
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.007 min
Response: 7213012
Conc: 33.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: -0.006 min
Response: 7651088
Conc: 41.11 ug/ml



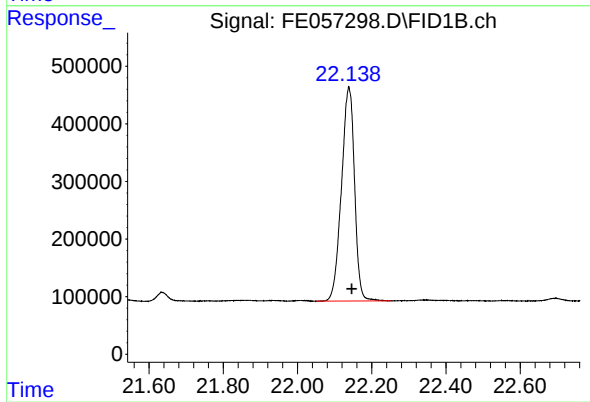
#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.006 min
Response: 8421403
Conc: 48.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.008 min
Response: 9084349
Conc: 53.91 ug/ml