

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111025AL\
 Data File : FE056721.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2025 20:09
 Operator : YP\AJ
 Sample : PB170458BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170458BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 11 00:48:05 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)	11.967	7689587	36.808 ug/ml
Spiked Amount 50.000		Recovery =	73.62%
12) S 1-chlorooctadecane (S...	13.404	6237510	38.714 ug/ml
Spiked Amount 50.000		Recovery =	77.43%
Target Compounds			
1) T n-Nonane (C9)	3.329	5458557	32.498 ug/ml
2) T n-Decane (C10)	4.577	5744109	33.475 ug/mlm
3) T A~Naphthalene (C11.7)	6.290	6997461	37.909 ug/ml
4) T n-Dodecane (C12)	6.747	6128019	35.233 ug/ml
5) T A~2-methylnaphthalene...	7.388	6354605	35.857 ug/ml
6) T n-Tetradecane (C14)	8.582	6270276	35.922 ug/ml
7) T n-Hexadecane (C16)	10.195	6252029	34.172 ug/ml
8) T n-Octadecane (C18)	11.643	6247026	33.006 ug/ml
10) T n-Eicosane (C20)	12.957	6193361	33.233 ug/ml
11) T n-Heneicosane (C21)	13.570	6058477	32.948 ug/ml
13) T n-Docosane (C22)	14.159	5966570	31.873 ug/ml
14) T n-Tetracosane (C24)	15.265	12494646	63.792 ug/ml
15) T n-Hexacosane (C26)	16.291	5643464	29.039 ug/ml
16) T n-Octacosane (C28)	17.244	5660509	29.229 ug/mlm
17) T n-Tricontane (C30)	18.134	5262888	26.249 ug/ml
18) T n-Dotriacontane (C32)	18.967	5107922	25.975 ug/ml
19) T n-Tetratriacontane (C34)	19.753	4963474	28.755 ug/ml
20) T n-Hexatriacontane (C36)	20.495	4814605	33.283 ug/ml
21) T n-Octatriacontane (C38)	21.249	4819038	38.288 ug/mlm
22) T n-Tetracontane (C40)	22.191	4963882	42.935 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 10 Nov 2025 20:09
Operator : YP\AJ
Sample : PB170458BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

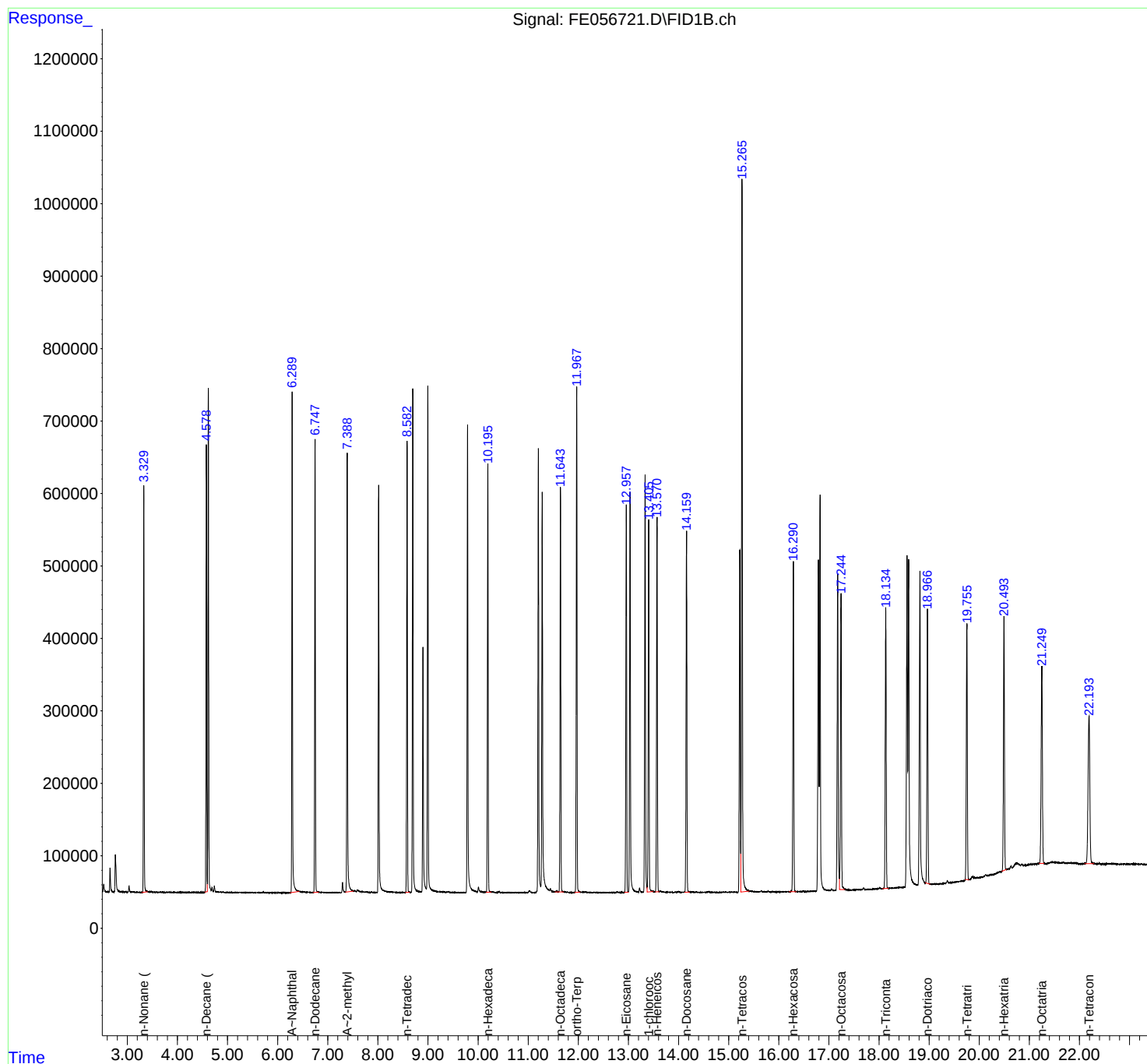
Instrument :
FID_E
ClientSampleId :
PB170458BSD

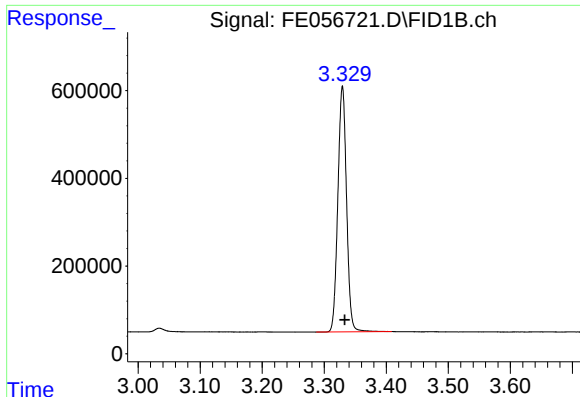
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 5458557
Conc: 32.50 ug/ml

Instrument :

FID_E

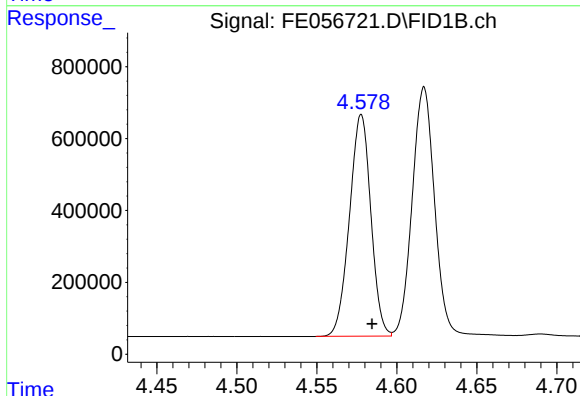
ClientSampleId :

PB170458BSD

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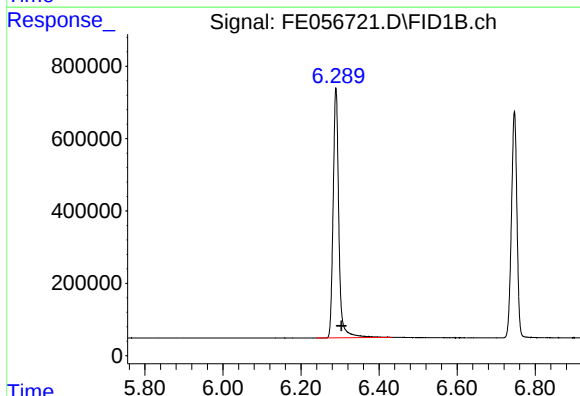
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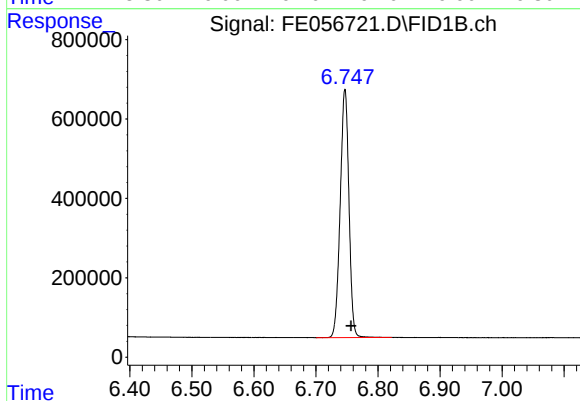
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 5744109
Conc: 33.47 ug/ml m



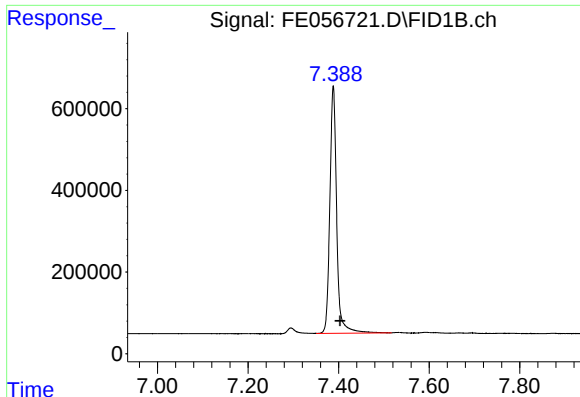
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.014 min
Response: 6997461
Conc: 37.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 6128019
Conc: 35.23 ug/ml



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

R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 6354605
Conc: 35.86 ug/ml

Instrument :

FID_E

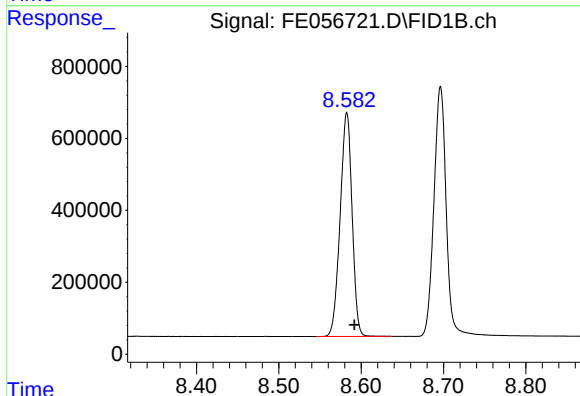
ClientSampleId :

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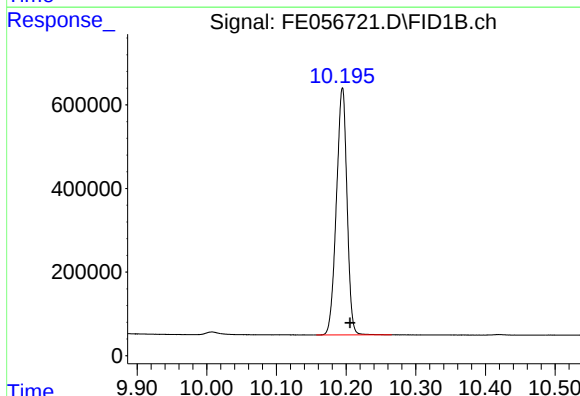
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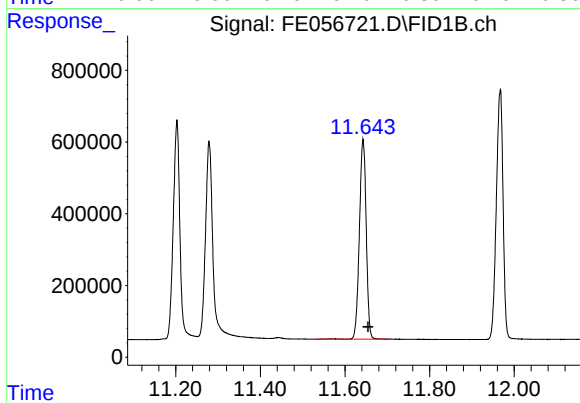
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.010 min
Response: 6270276
Conc: 35.92 ug/ml



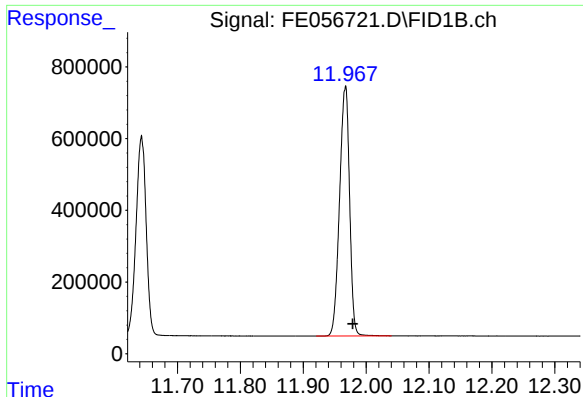
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.011 min
Response: 6252029
Conc: 34.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.643 min
Delta R.T.: -0.012 min
Response: 6247026
Conc: 33.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.012 min
Response: 7689587
Conc: 36.81 ug/ml

Instrument :

FID_E

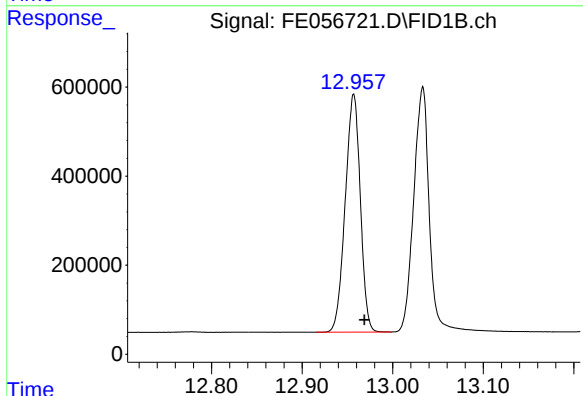
ClientSampleId :

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Manual Integrations

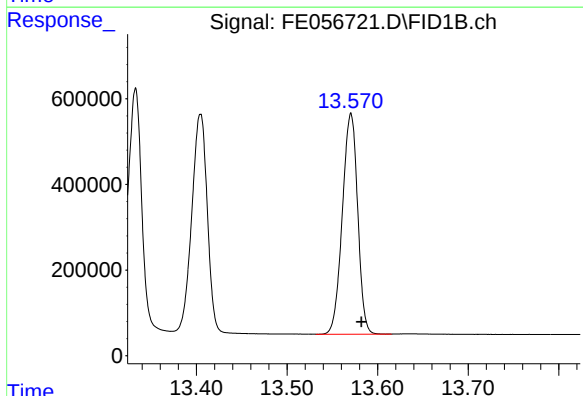
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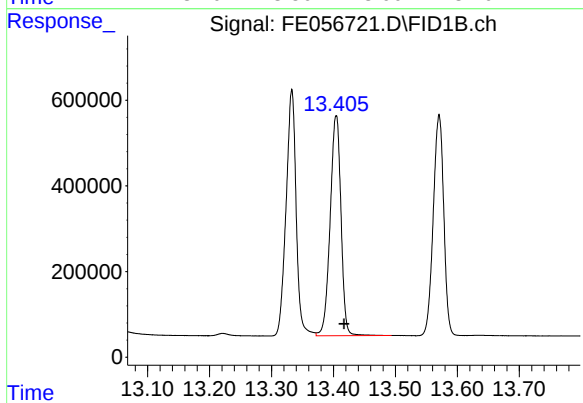
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.012 min
Response: 6193361
Conc: 33.23 ug/ml



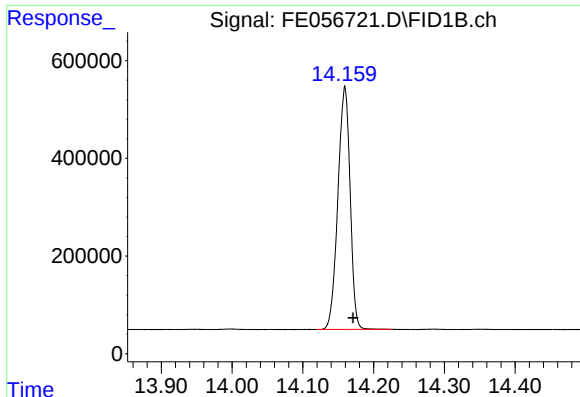
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.012 min
Response: 6058477
Conc: 32.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.404 min
Delta R.T.: -0.013 min
Response: 6237510
Conc: 38.71 ug/ml



#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.012 min
Response: 5966570
Conc: 31.87 ug/ml

Instrument :

FID_E

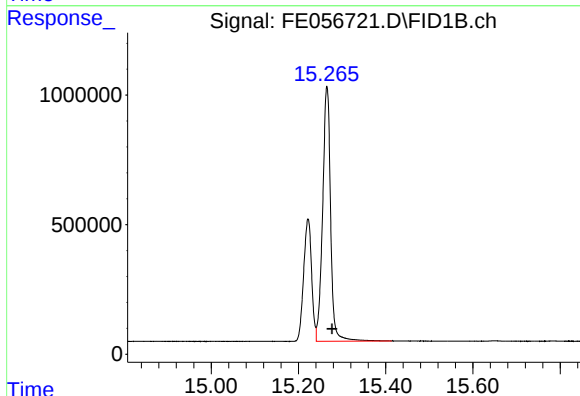
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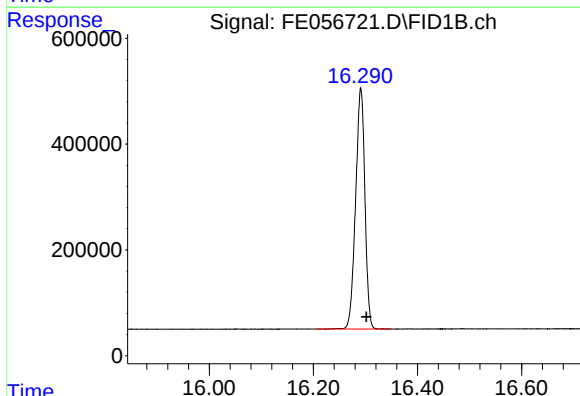
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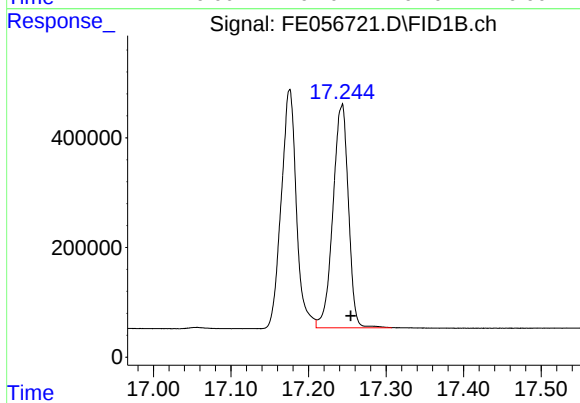
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.012 min
Response: 12494646
Conc: 63.79 ug/ml



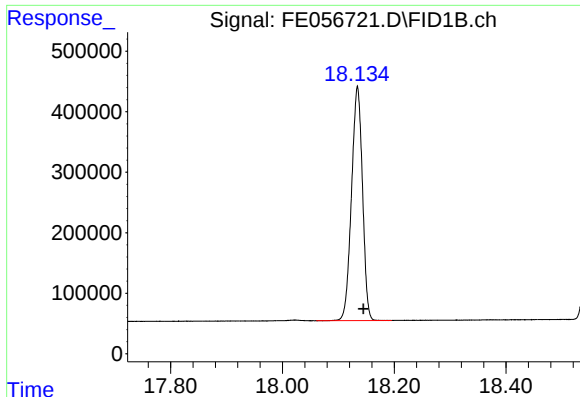
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: -0.011 min
Response: 5643464
Conc: 29.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: -0.011 min
Response: 5660509
Conc: 29.23 ug/ml m



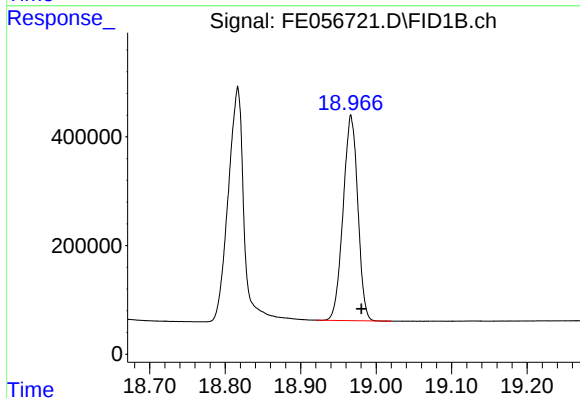
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: -0.011 min
Response: 5262888
Conc: 26.25 ug/ml

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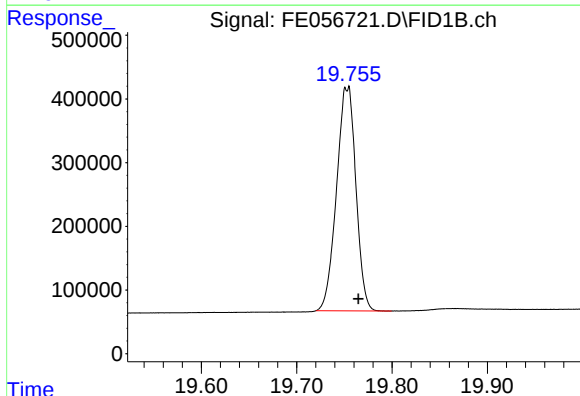
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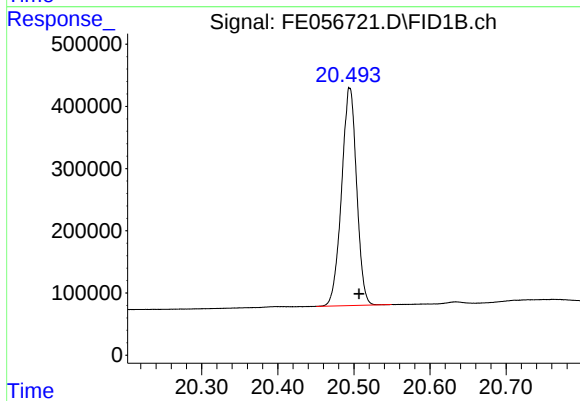
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: -0.014 min
Response: 5107922
Conc: 25.97 ug/ml



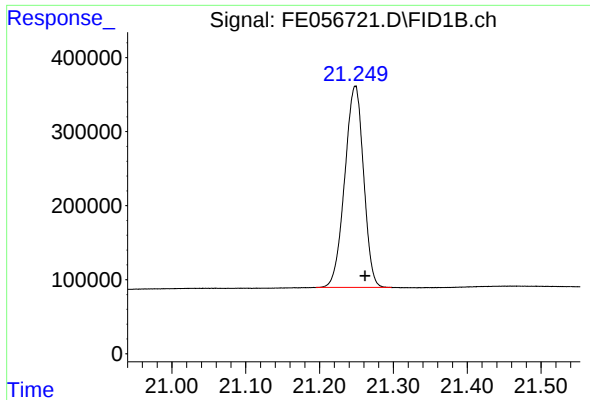
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: -0.012 min
Response: 4963474
Conc: 28.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: -0.012 min
Response: 4814605
Conc: 33.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: -0.013 min
Response: 4819038
Conc: 38.29 ug/ml

Instrument :

FID_E

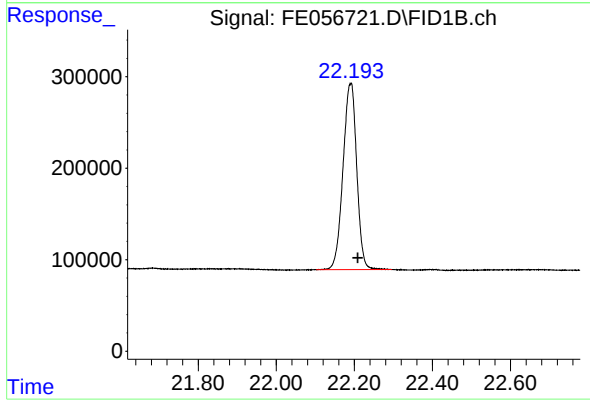
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#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: -0.018 min
Response: 4963882
Conc: 42.94 ug/ml