

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056165.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2025 14:45
 Operator : YP\AJ
 Sample : PB169970BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169970BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File: autoint1.e
 Quant Time: Oct 03 23:12:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.073	8604608	45.854 ug/ml
Spiked Amount 50.000		Recovery =	91.71%
12) S 1-chlorooctadecane (S...	13.507	6796985	48.701 ug/ml
Spiked Amount 50.000		Recovery =	97.40%
Target Compounds			
1) T n-Nonane (C9)	3.418	5585813	40.775 ug/ml
2) T n-Decane (C10)	4.674	6051551	43.361 ug/ml
3) T A~Naphthalene (C11.7)	6.390	7901417	49.488 ug/ml
4) T n-Dodecane (C12)	6.846	6790517	47.311 ug/ml
5) T A~2-methylnaphthalene...	7.491	7756970	49.878 ug/ml
6) T n-Tetradecane (C14)	8.683	7525710	50.903 ug/ml
7) T n-Hexadecane (C16)	10.296	8438841	53.105 ug/ml
8) T n-Octadecane (C18)	11.746	9044384	53.396 ug/ml
10) T n-Eicosane (C20)	13.061	9625614	58.068 ug/ml
11) T n-Heneicosane (C21)	13.675	9194213	56.583 ug/ml
13) T n-Docosane (C22)	14.263	8996868	56.304 ug/ml
14) T n-Tetracosane (C24)	15.370	16920750	111.043 ug/ml
15) T n-Hexacosane (C26)	16.393	7920008	55.528 ug/ml
16) T n-Octacosane (C28)	17.343	7777505	55.830 ug/mlm
17) T n-Tricontane (C30)	18.234	7664636	51.725 ug/ml
18) T n-Dotriacontane (C32)	19.067	7716446	51.719 ug/ml
19) T n-Tetratriacontane (C34)	19.852	8112246	57.350 ug/ml
20) T n-Hexatriacontane (C36)	20.595	8380238	65.281 ug/ml
21) T n-Octatriacontane (C38)	21.369	8666850	65.987 ug/ml
22) T n-Tetracontane (C40)	22.351	8092882	68.026 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Oct 03 23:12:38 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 2025

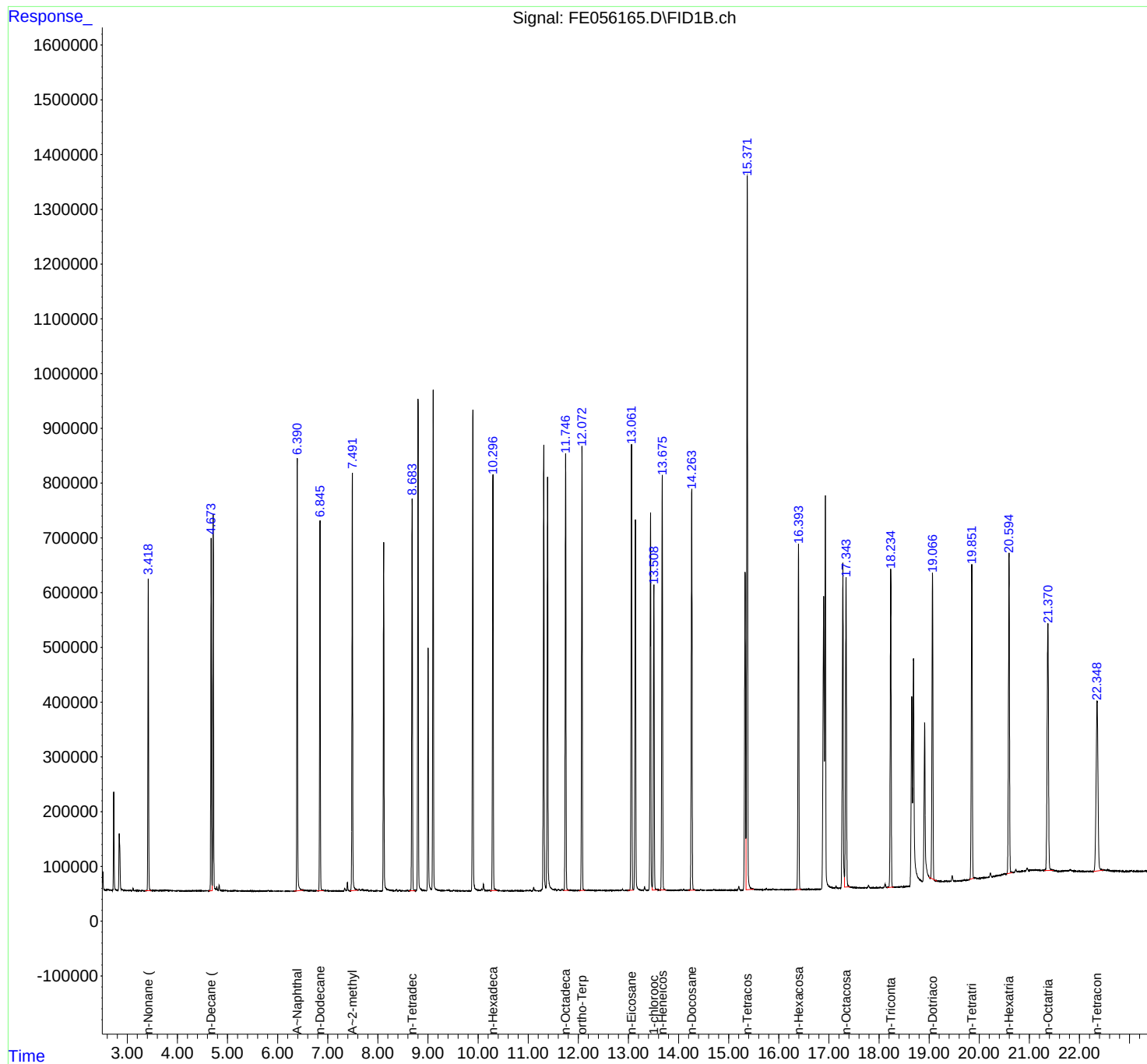
Response via : Initial Calibration

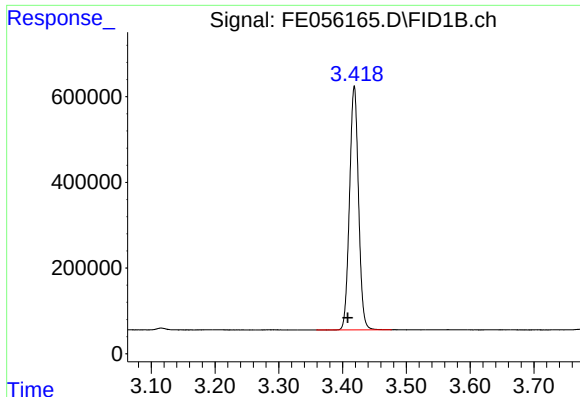
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: 0.010 min
Response: 5585813
Conc: 40.77 ug/ml

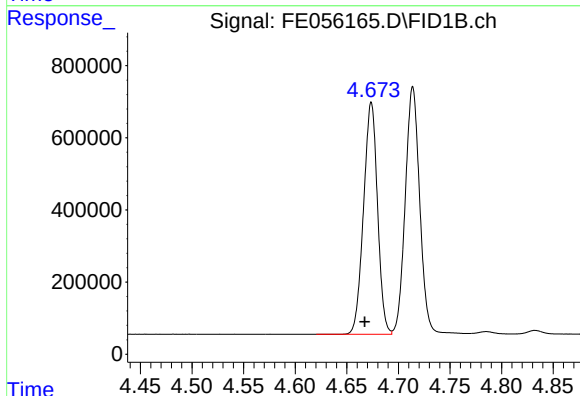
Instrument :

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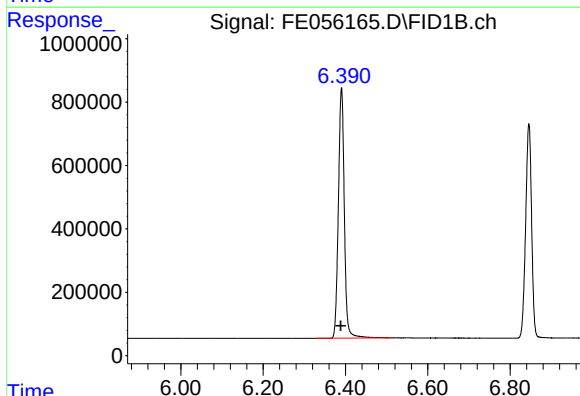
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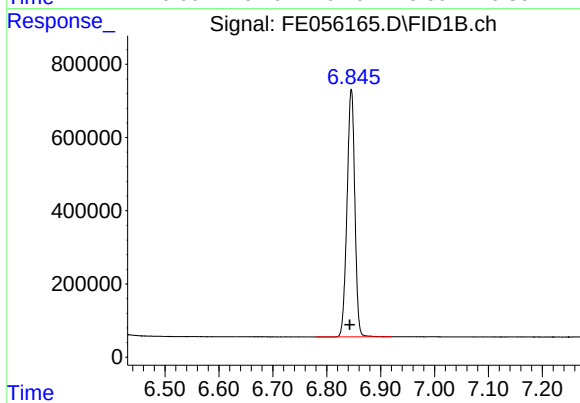
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.006 min
Response: 6051551
Conc: 43.36 ug/ml



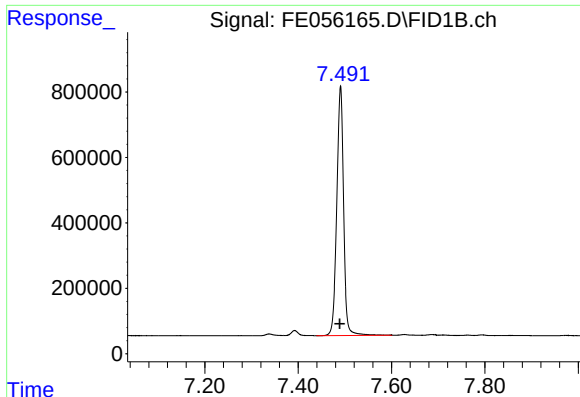
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 7901417
Conc: 49.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 6790517
Conc: 47.31 ug/ml



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

R.T.: 7.491 min
Delta R.T.: 0.002 min
Response: 7756970
Conc: 49.88 ug/ml

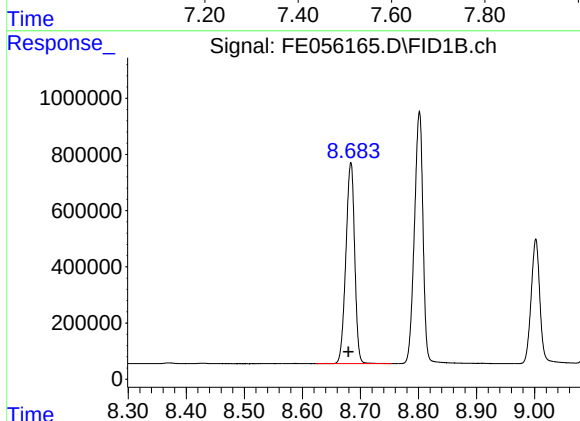
Instrument :

FID_E

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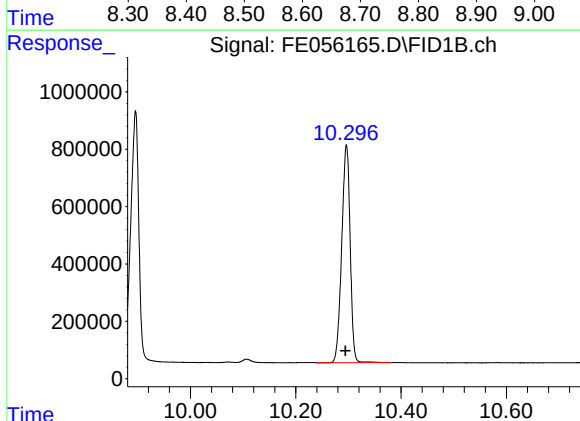
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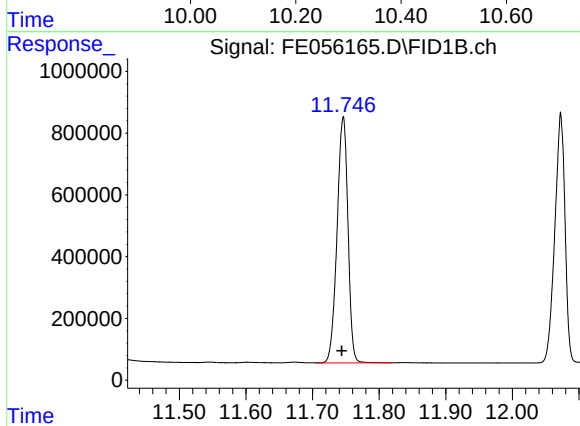
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.004 min
Response: 7525710
Conc: 50.90 ug/ml



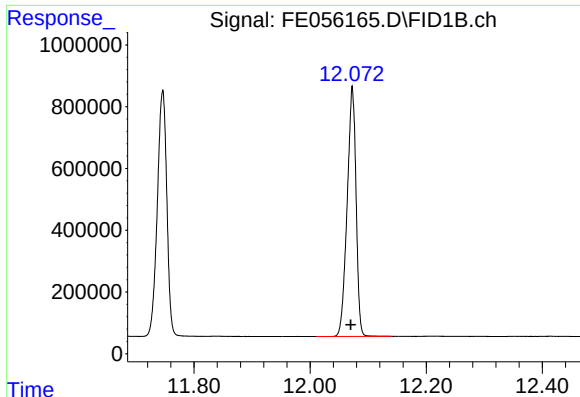
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.002 min
Response: 8438841
Conc: 53.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 9044384
Conc: 53.40 ug/ml



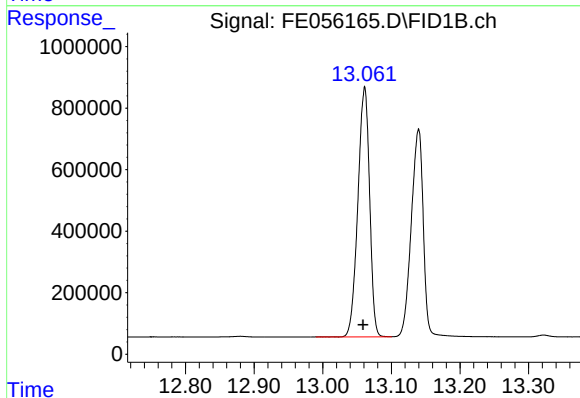
#9 ortho-Terphenyl (SURR)

R.T.: 12.073 min
Delta R.T.: 0.003 min
Response: 8604608
Conc: 45.85 ug/ml

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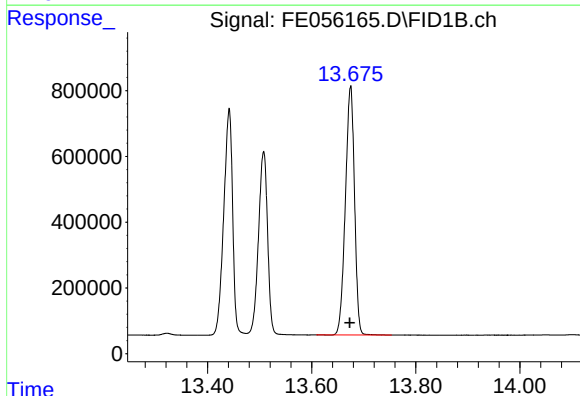
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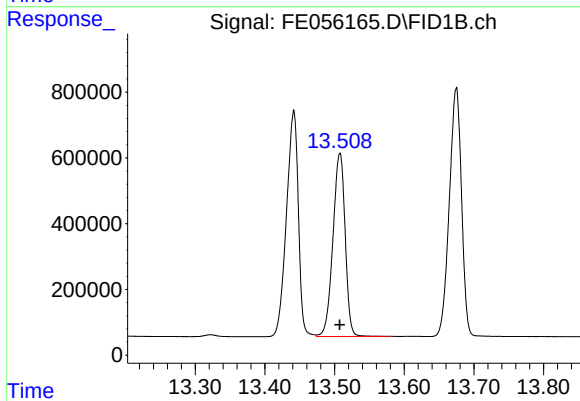
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 9625614
Conc: 58.07 ug/ml



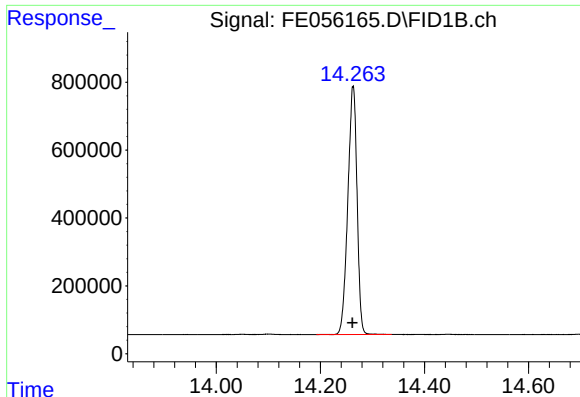
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: 0.001 min
Response: 9194213
Conc: 56.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 6796985
Conc: 48.70 ug/ml



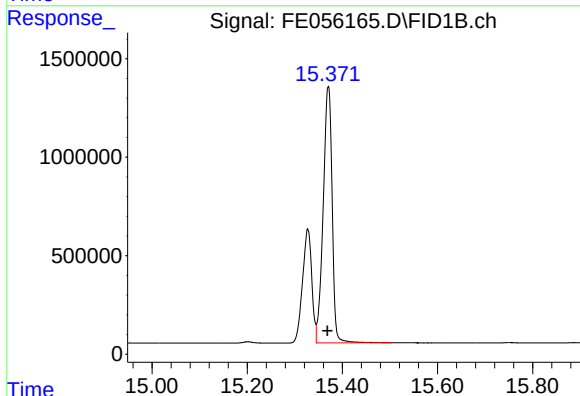
#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: 0.001 min
Response: 8996868
Conc: 56.30 ug/ml

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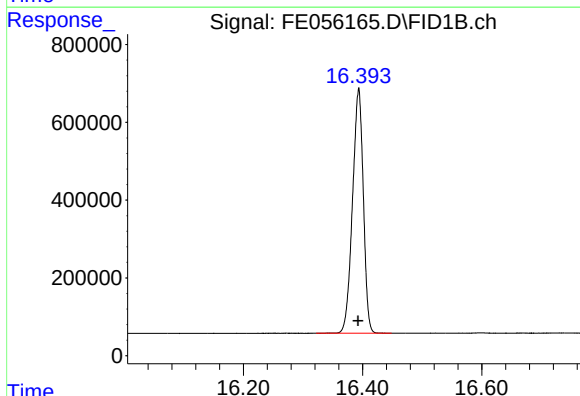
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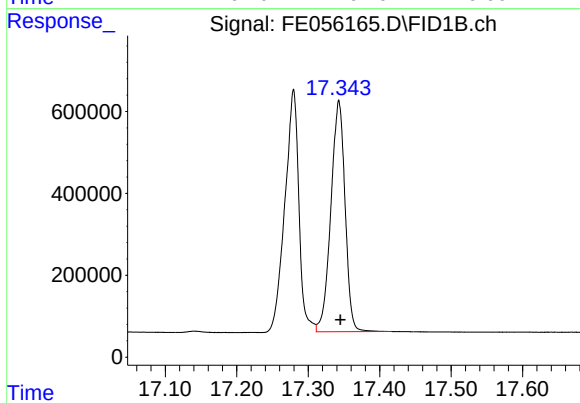
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.002 min
Response: 16920750
Conc: 111.04 ug/ml



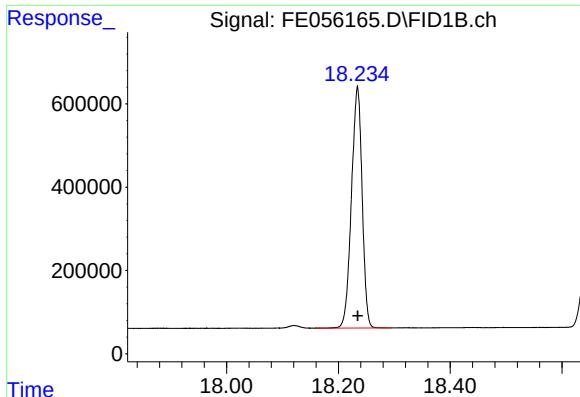
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 7920008
Conc: 55.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.343 min
Delta R.T.: -0.002 min
Response: 7777505
Conc: 55.83 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.234 min
Delta R.T.: 0.000 min
Response: 7664636
Conc: 51.72 ug/ml

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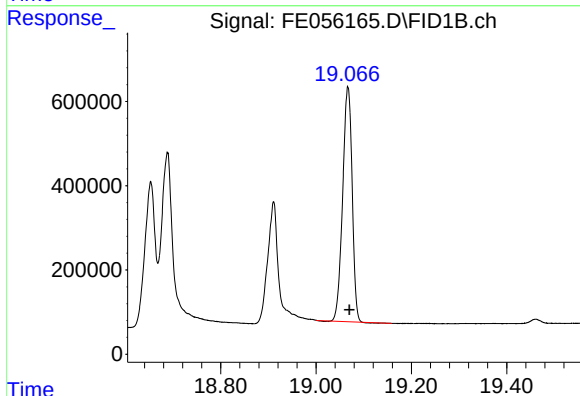
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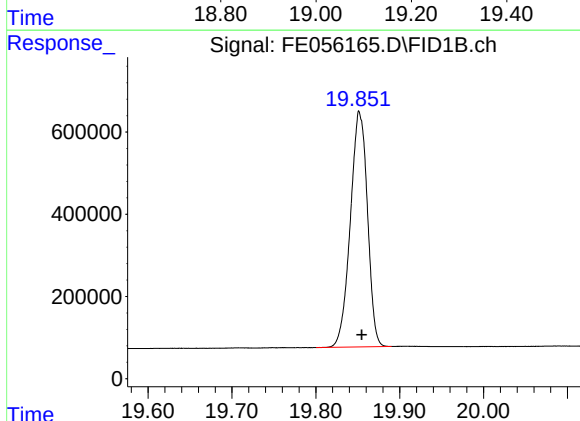
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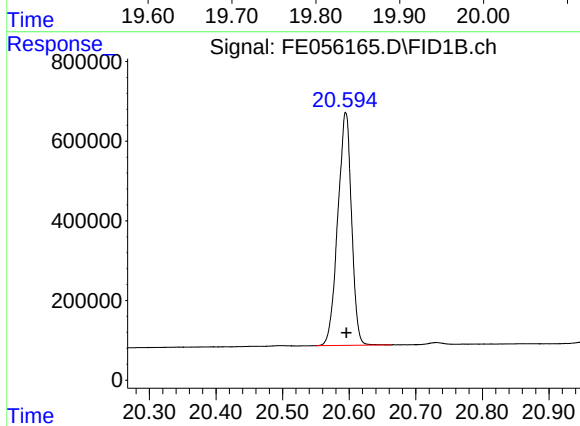
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: -0.003 min
Response: 7716446
Conc: 51.72 ug/ml



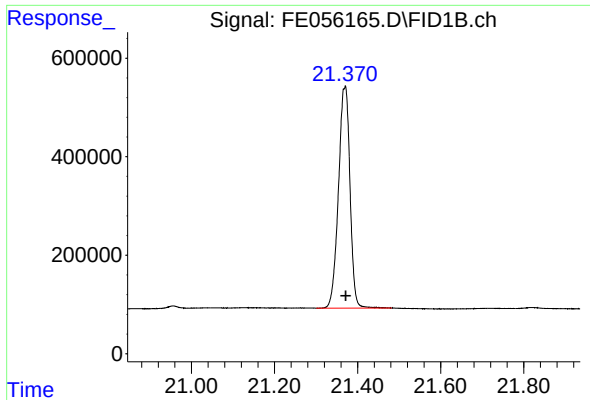
#19 n-Tetratriacontane (C34)

R.T.: 19.852 min
Delta R.T.: -0.003 min
Response: 8112246
Conc: 57.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: -0.001 min
Response: 8380238
Conc: 65.28 ug/ml



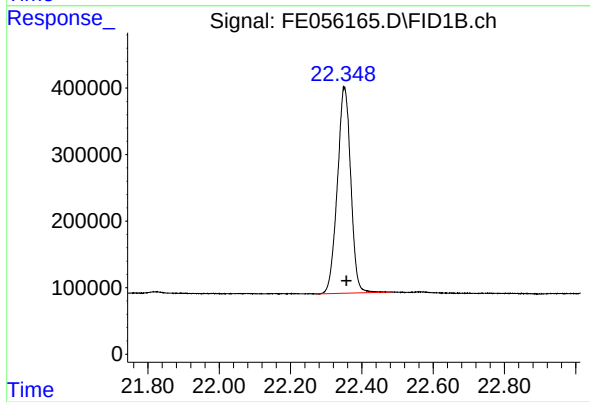
#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.002 min
Response: 8666850
Conc: 65.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.351 min
Delta R.T.: -0.006 min
Response: 8092882
Conc: 68.03 ug/ml