

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056246.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 14:12
 Operator : YP\AJ
 Sample : PB170021BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170021BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2025
 Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E
 Quant Time: Oct 09 01:18:36 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)	12.071	6815506	36.320 ug/ml
Spiked Amount 50.000		Recovery =	72.64%
12) S 1-chlorooctadecane (S...	13.507	5356854	38.382 ug/ml
Spiked Amount 50.000		Recovery =	76.76%
Target Compounds			
1) T n-Nonane (C9)	3.415	4670646	34.094 ug/ml
2) T n-Decane (C10)	4.672	5280473	37.836 ug/ml
3) T A~Naphthalene (C11.7)	6.389	7358201	46.086 ug/ml
4) T n-Dodecane (C12)	6.845	6139124	42.773 ug/ml
5) T A~2-methylnaphthalene...	7.489	7184740	46.199 ug/ml
6) T n-Tetradecane (C14)	8.683	6757556	45.707 ug/ml
7) T n-Hexadecane (C16)	10.296	7461707	46.956 ug/ml
8) T n-Octadecane (C18)	11.746	7953099	46.953 ug/ml
10) T n-Eicosane (C20)	13.061	8338015	50.300 ug/ml
11) T n-Heneicosane (C21)	13.675	8006644	49.274 ug/ml
13) T n-Docosane (C22)	14.263	7782207	48.702 ug/ml
14) T n-Tetracosane (C24)	15.370	14745641	96.768 ug/ml
15) T n-Hexacosane (C26)	16.394	6794042	47.634 ug/ml
16) T n-Octacosane (C28)	17.343	6747596	48.437 ug/mlm
17) T n-Tricontane (C30)	18.235	6820844	46.030 ug/ml
18) T n-Dotriacontane (C32)	19.068	7124041	47.749 ug/ml
19) T n-Tetratriacontane (C34)	19.855	7404740	52.349 ug/ml
20) T n-Hexatriacontane (C36)	20.596	7429046	57.872 ug/ml
21) T n-Octatriacontane (C38)	21.369	7467564	56.856 ug/ml
22) T n-Tetracontane (C40)	22.352	7084898	59.553 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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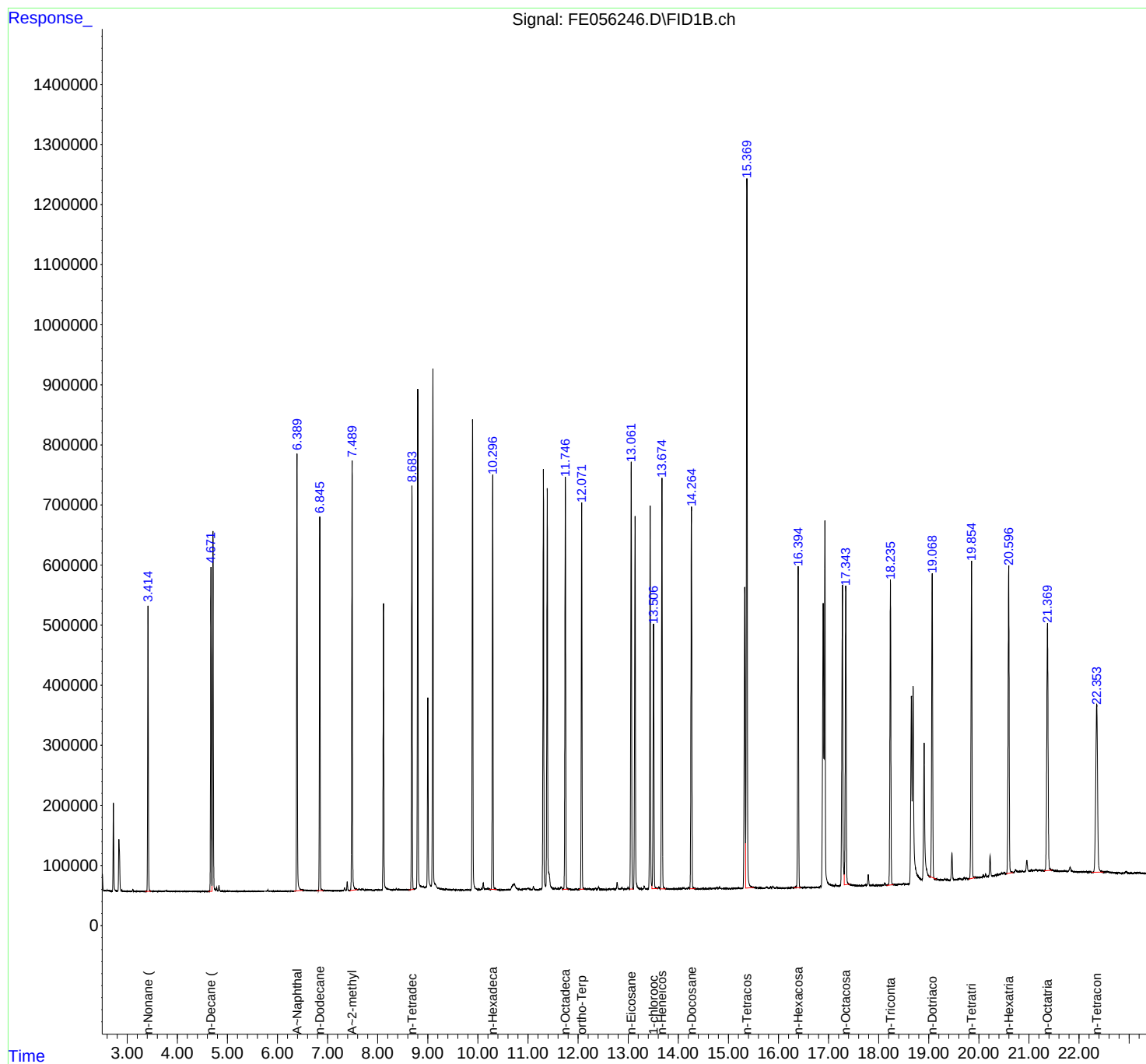
Instrument :
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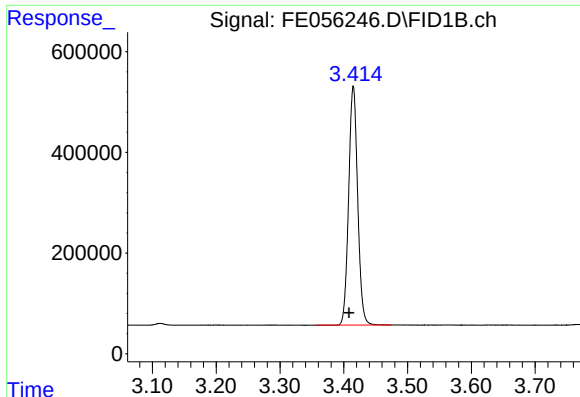
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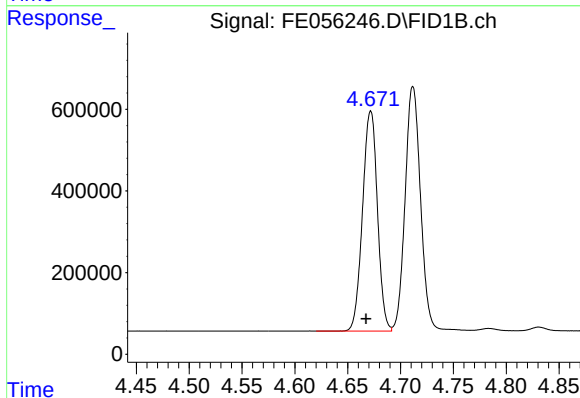
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: 0.007 min
Response: 4670646
Conc: 34.09 ug/ml

Instrument :
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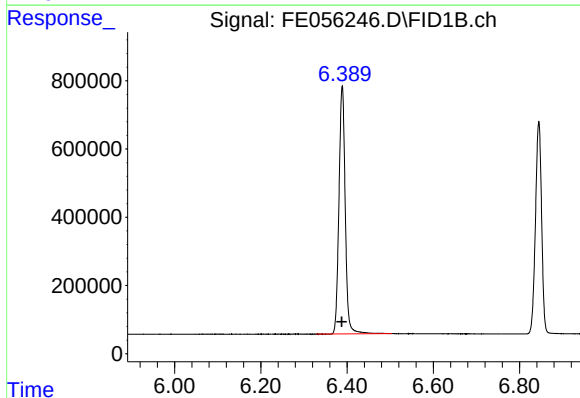
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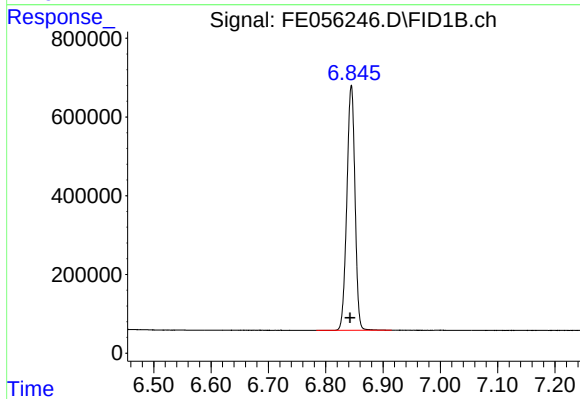
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.004 min
Response: 5280473
Conc: 37.84 ug/ml



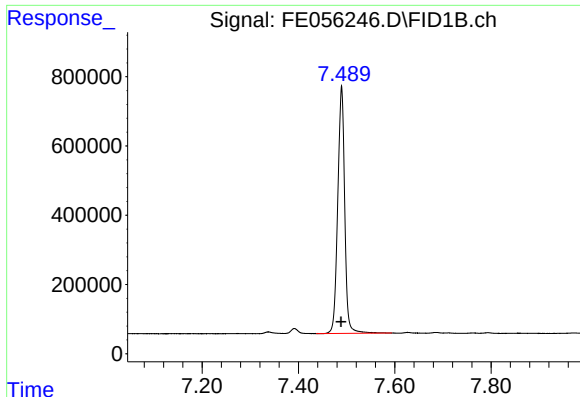
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 7358201
Conc: 46.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 6139124
Conc: 42.77 ug/ml



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

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 7184740
Conc: 46.20 ug/ml

Instrument :

FID_E

ClientSampleId :

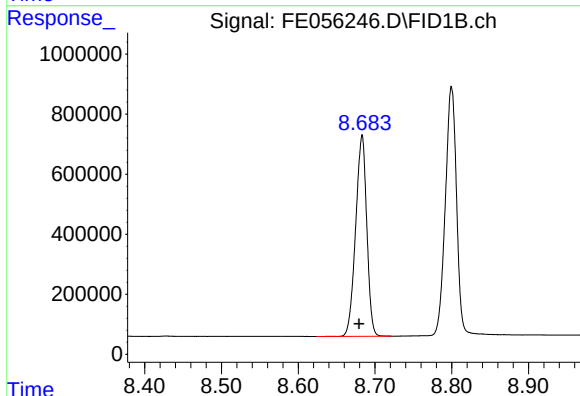
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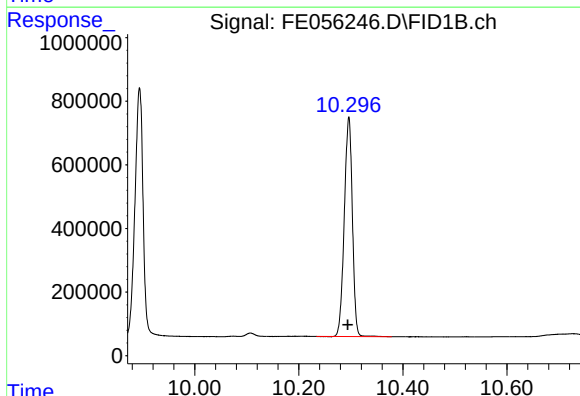
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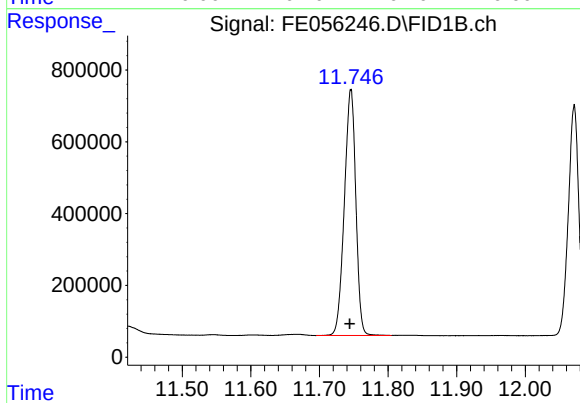
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.004 min
Response: 6757556
Conc: 45.71 ug/ml



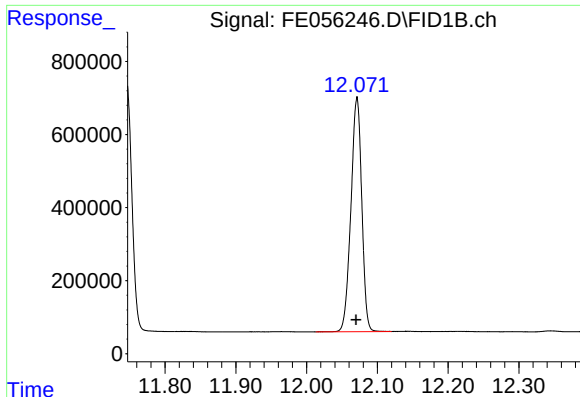
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: 0.002 min
Response: 7461707
Conc: 46.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 7953099
Conc: 46.95 ug/ml



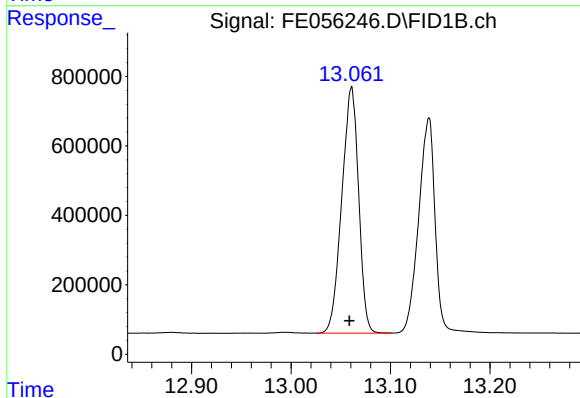
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: 0.001 min
Response: 6815506
Conc: 36.32 ug/ml

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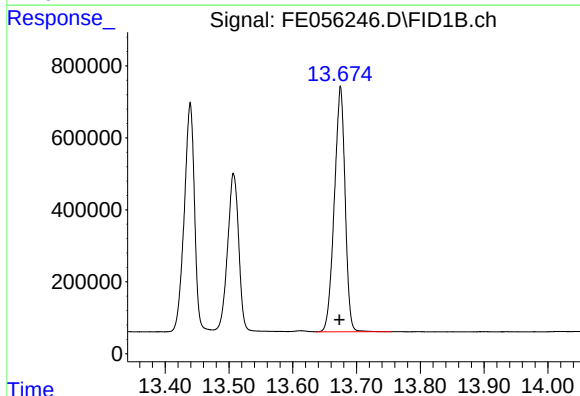
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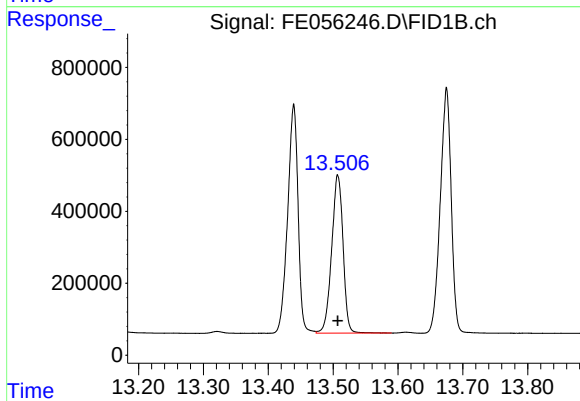
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 8338015
Conc: 50.30 ug/ml



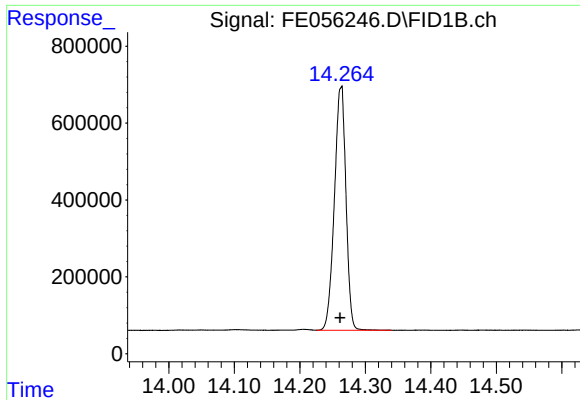
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: 0.002 min
Response: 8006644
Conc: 49.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 5356854
Conc: 38.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: 0.000 min
Response: 7782207
Conc: 48.70 ug/ml

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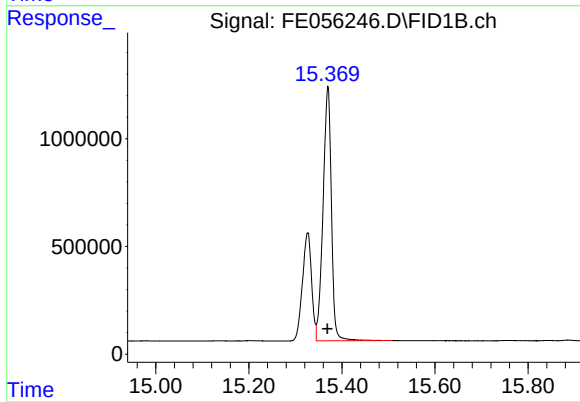
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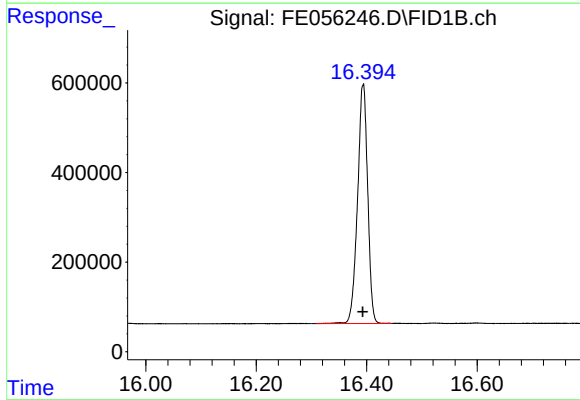
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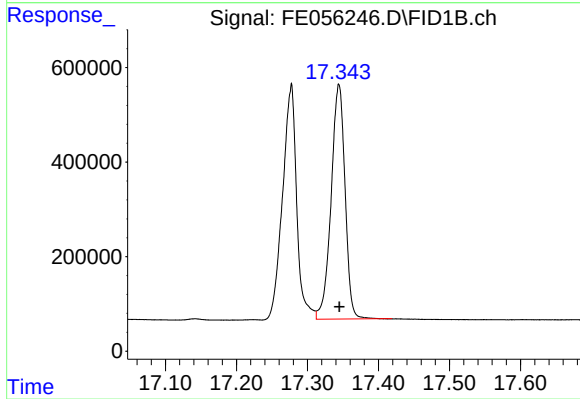
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.000 min
Response: 14745641
Conc: 96.77 ug/ml



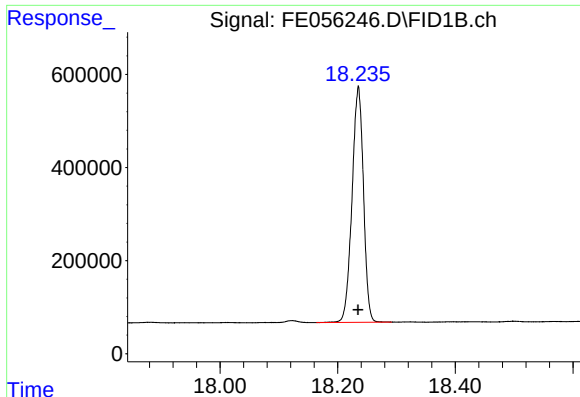
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.000 min
Response: 6794042
Conc: 47.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.343 min
Delta R.T.: -0.001 min
Response: 6747596
Conc: 48.44 ug/ml m



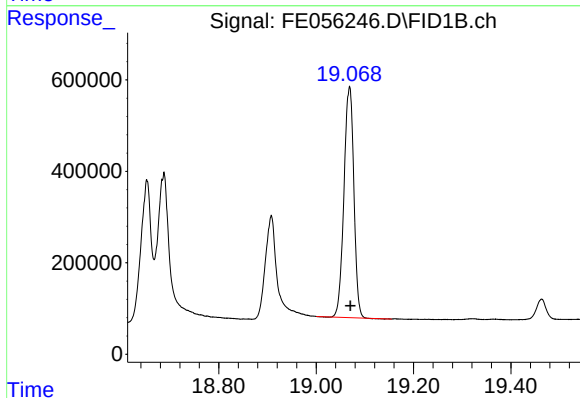
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 6820844
Conc: 46.03 ug/ml

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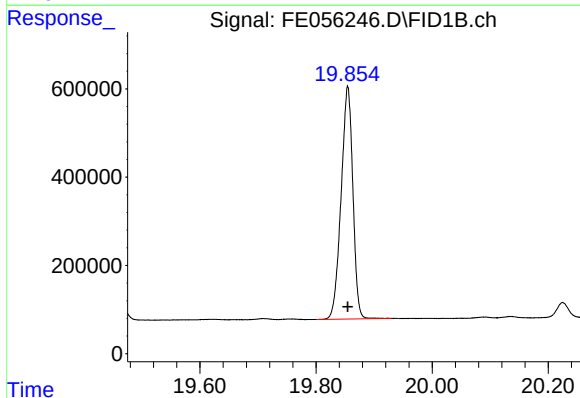
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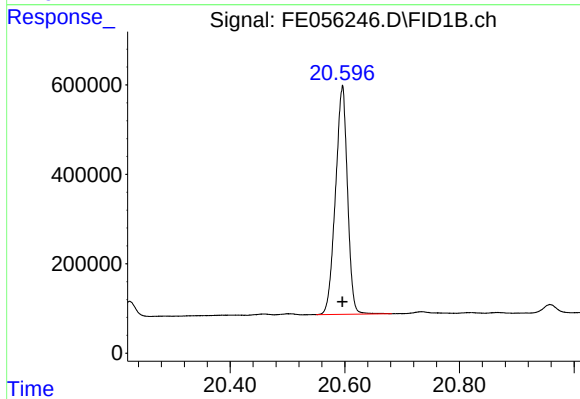
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.002 min
Response: 7124041
Conc: 47.75 ug/ml



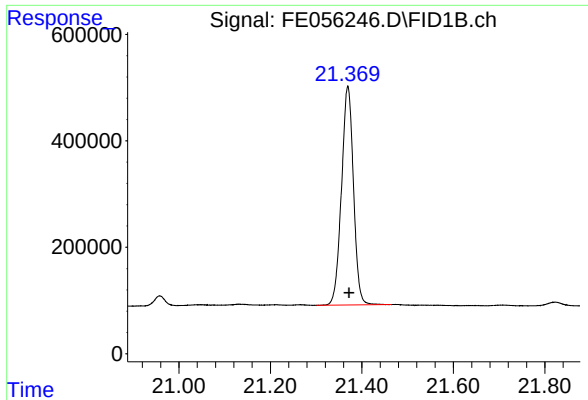
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 7404740
Conc: 52.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 7429046
Conc: 57.87 ug/ml



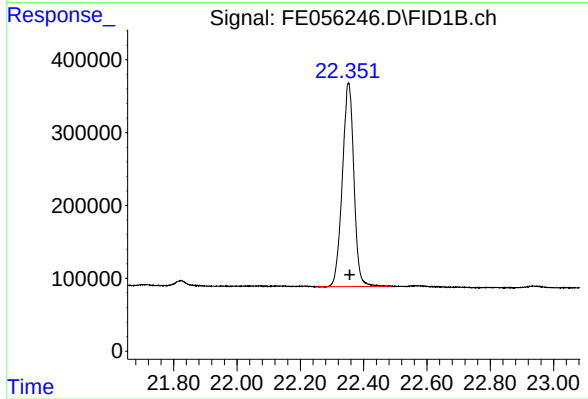
#21 n-Octatriacontane (C38)

R.T.: 21.369 min
Delta R.T.: -0.002 min
Response: 7467564
Conc: 56.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.352 min
Delta R.T.: -0.004 min
Response: 7084898
Conc: 59.55 ug/ml