

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056170.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2025 17:17
 Operator : YP\AJ
 Sample : Q3262-08MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 279887MS

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 23:15:00 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)	12.066	4289162	22.857 ug/mlm
Spiked Amount 50.000		Recovery =	45.71%
12) S 1-chlorooctadecane (S...	13.491	3137165	22.478 ug/ml
Spiked Amount 50.000		Recovery =	44.96%
Target Compounds			
1) T n-Nonane (C9)	3.411	4615436	33.691 ug/ml
2) T n-Decane (C10)	4.671	5710714	40.918 ug/ml
3) T A~Naphthalene (C11.7)	6.390	7958820	49.847 ug/ml
4) T n-Dodecane (C12)	6.846	7292071	50.806 ug/ml
5) T A~2-methylnaphthalene...	7.492	8742816	56.217 ug/ml
6) T n-Tetradecane (C14)	8.691	9688811	65.534 ug/ml
7) T n-Hexadecane (C16)	10.293	87999	0.554 ug/mlm
8) T n-Octadecane (C18)	11.751	3894023	22.989 ug/ml
10) T n-Eicosane (C20)	13.046	18849315	113.711 ug/ml
11) T n-Heneicosane (C21)	13.676	37973571	233.697 ug/ml
13) T n-Docosane (C22)	14.261	16603639	103.908 ug/ml
14) T n-Tetracosane (C24)	15.408	16290938	106.909 ug/ml
15) T n-Hexacosane (C26)	16.406	7176599	50.316 ug/ml
16) T n-Octacosane (C28)	17.348	7185820	51.583 ug/ml
17) T n-Tricontane (C30)	18.237	7184820	48.487 ug/ml
18) T n-Dotriacontane (C32)	19.069	7406663	49.643 ug/ml
19) T n-Tetratriacontane (C34)	19.854	7622523	53.888 ug/ml
20) T n-Hexatriacontane (C36)	20.595	7590965	59.133 ug/ml
21) T n-Octatriacontane (C38)	21.370	7814305	59.496 ug/ml
22) T n-Tetracontane (C40)	22.354	7459488	62.702 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

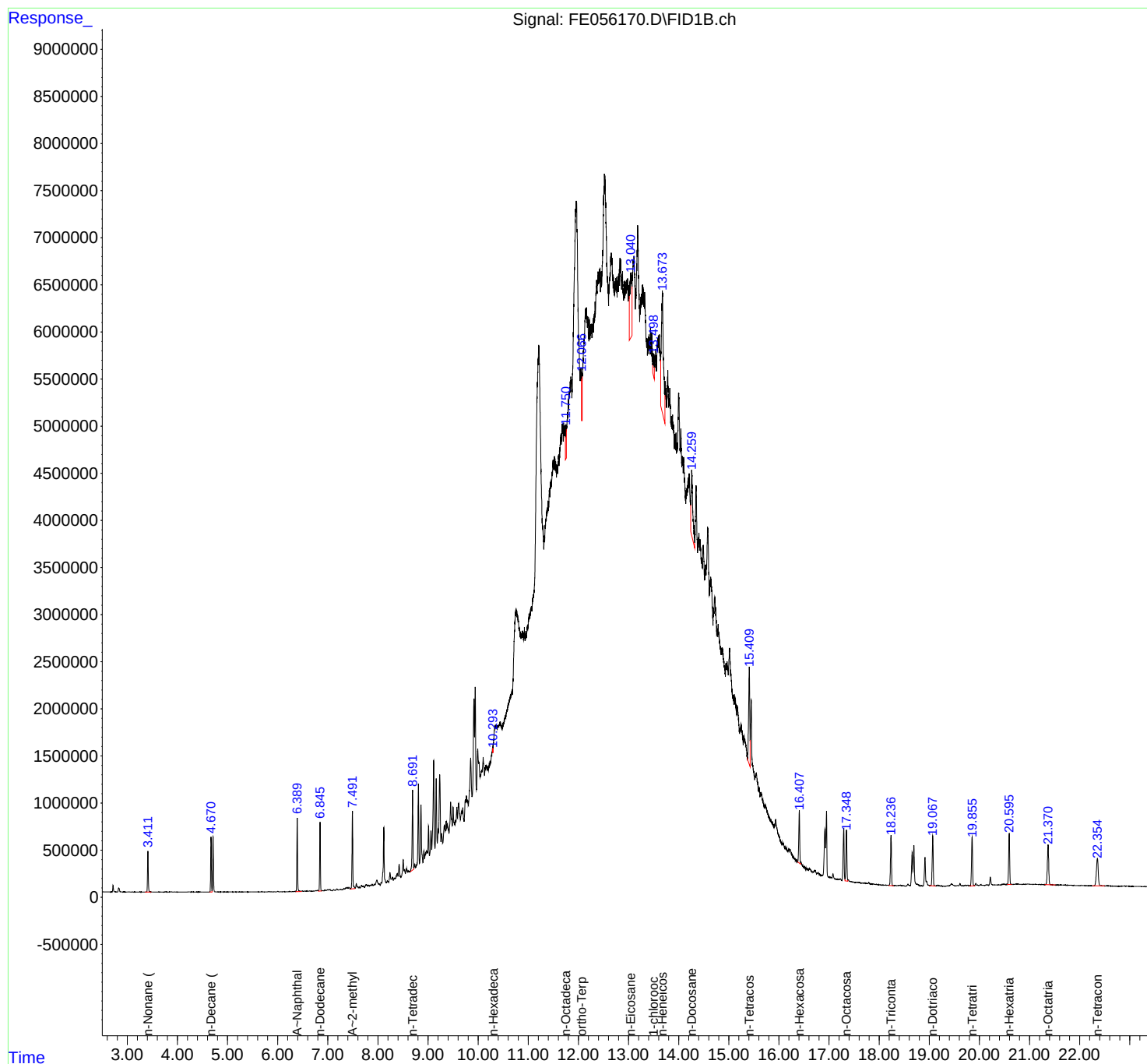
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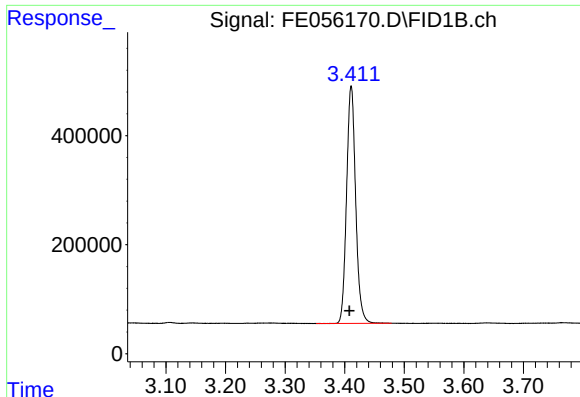
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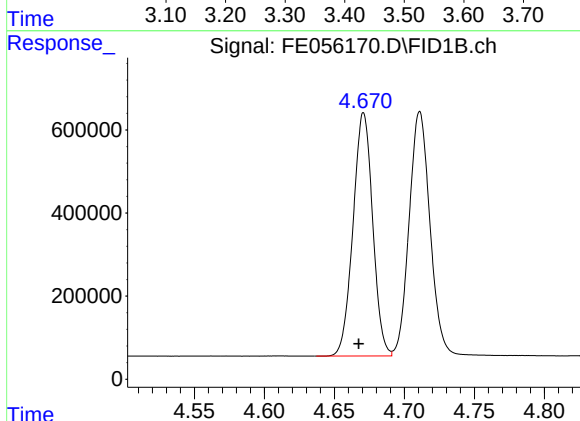
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 4615436
Conc: 33.69 ug/ml

Instrument :
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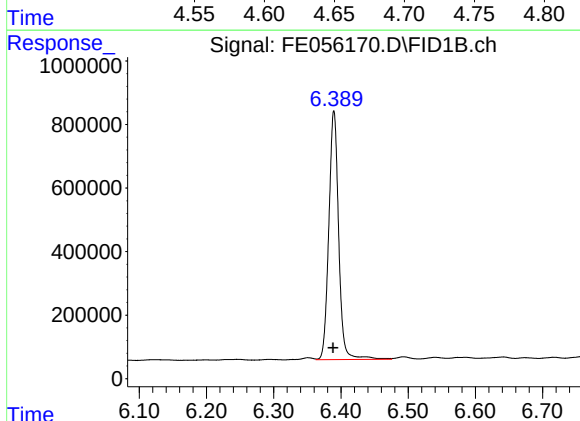
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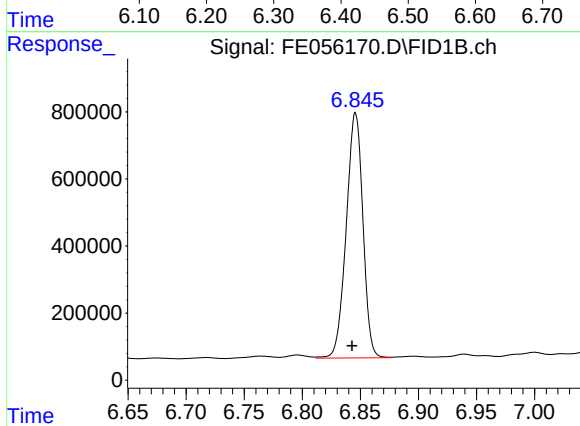
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: 0.003 min
Response: 5710714
Conc: 40.92 ug/ml



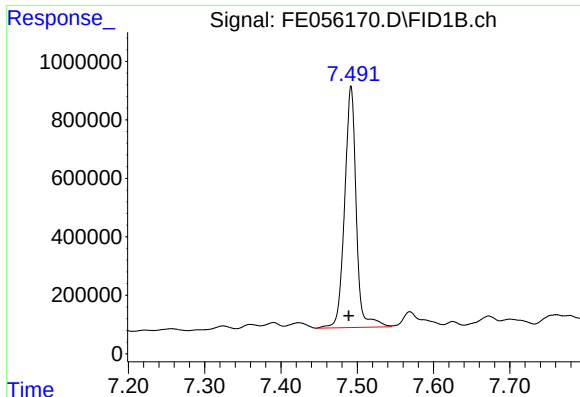
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.001 min
Response: 7958820
Conc: 49.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 7292071
Conc: 50.81 ug/ml



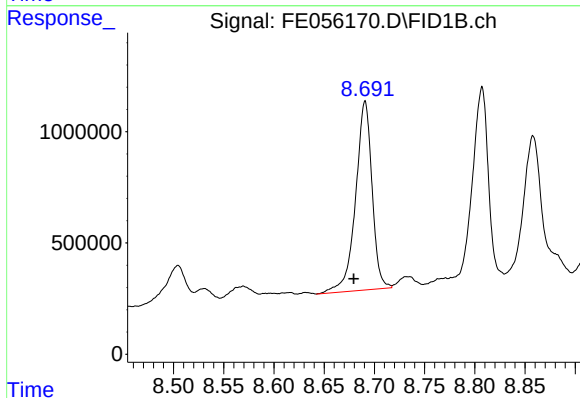
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 8742816
Conc: 56.22 ug/ml

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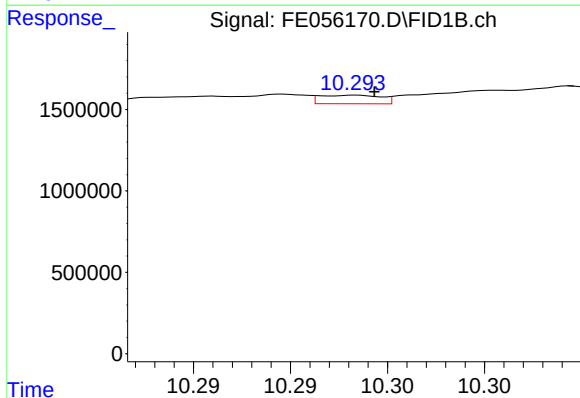
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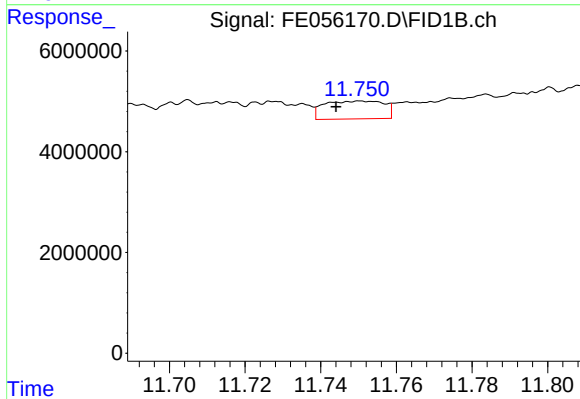
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: 0.011 min
Response: 9688811
Conc: 65.53 ug/ml



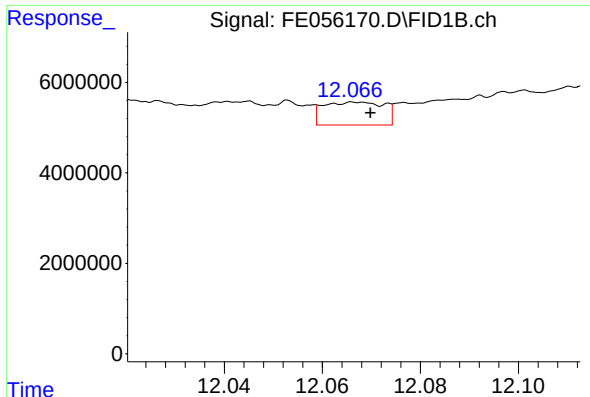
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.001 min
Response: 87999
Conc: 0.55 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: 0.007 min
Response: 3894023
Conc: 22.99 ug/ml



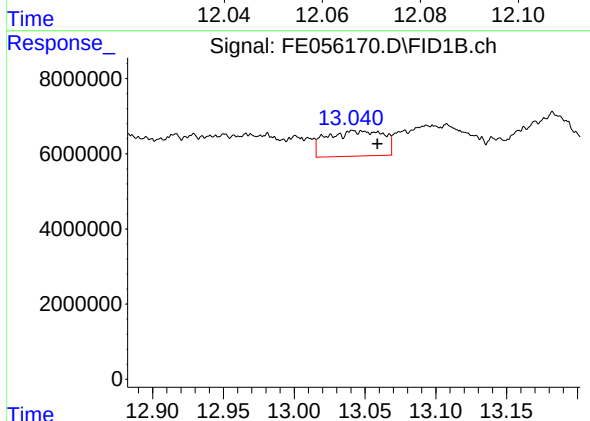
#9 ortho-Terphenyl (SURR)

R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 4289162
Conc: 22.86 ug/ml

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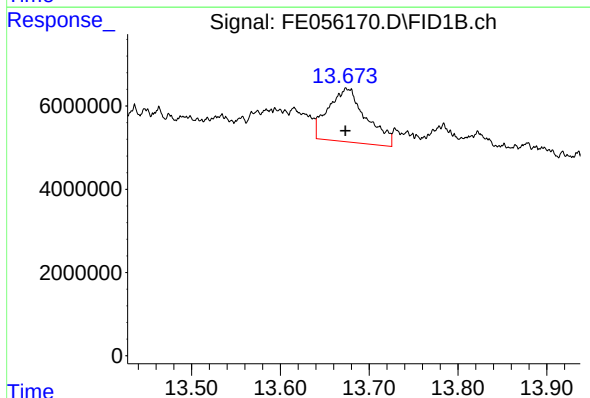
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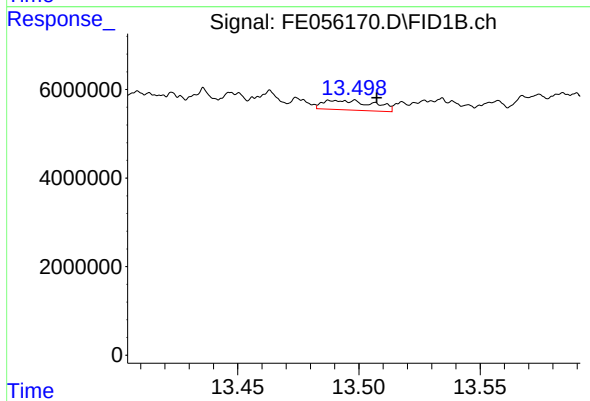
#10 n-Eicosane (C20)

R.T.: 13.046 min
Delta R.T.: -0.013 min
Response: 18849315
Conc: 113.71 ug/ml



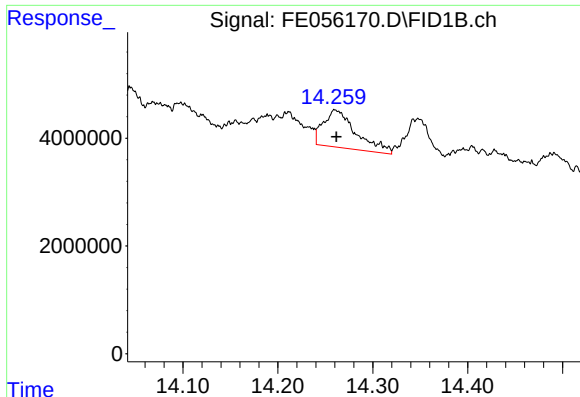
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: 0.003 min
Response: 37973571
Conc: 233.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.491 min
Delta R.T.: -0.016 min
Response: 3137165
Conc: 22.48 ug/ml



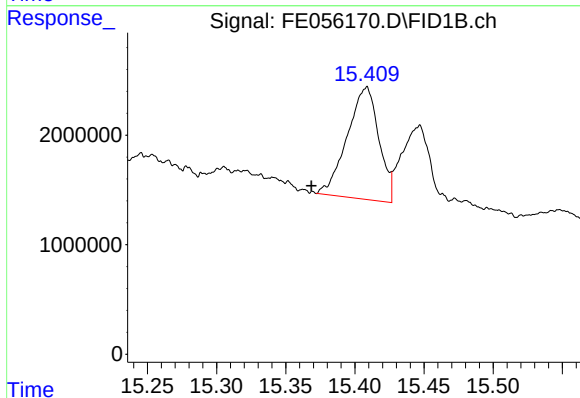
#13 n-Docosane (C22)

R.T.: 14.261 min
Delta R.T.: 0.000 min
Response: 16603639
Conc: 103.91 ug/ml

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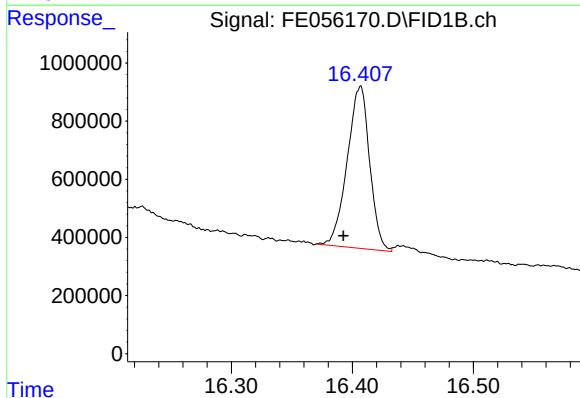
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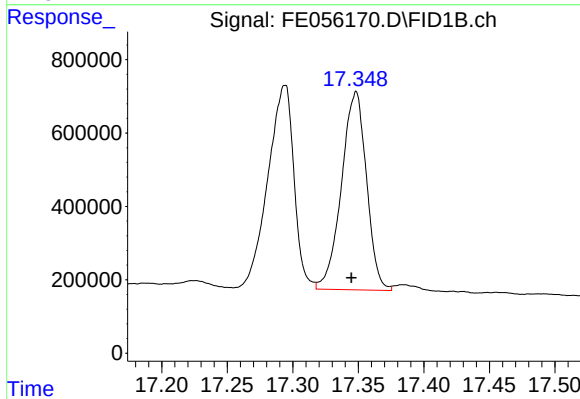
#14 n-Tetracosane (C24)

R.T.: 15.408 min
Delta R.T.: 0.039 min
Response: 16290938
Conc: 106.91 ug/ml



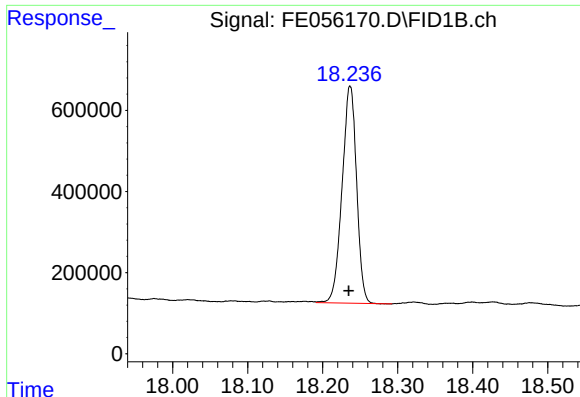
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.014 min
Response: 7176599
Conc: 50.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.348 min
Delta R.T.: 0.003 min
Response: 7185820
Conc: 51.58 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.237 min
Delta R.T.: 0.002 min
Response: 7184820
Conc: 48.49 ug/ml

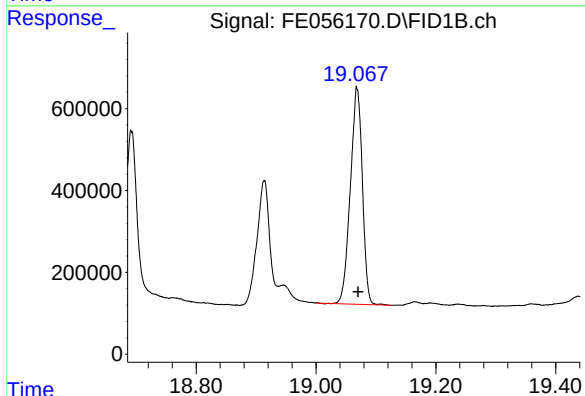
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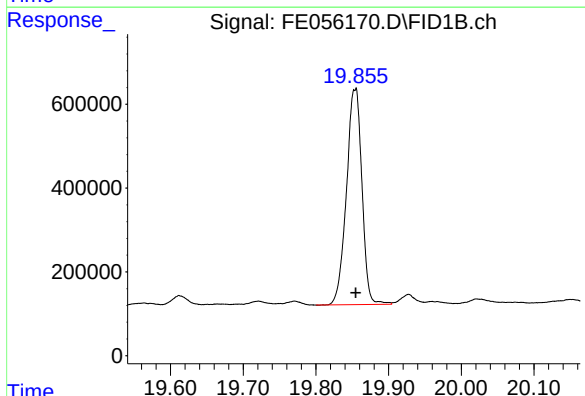
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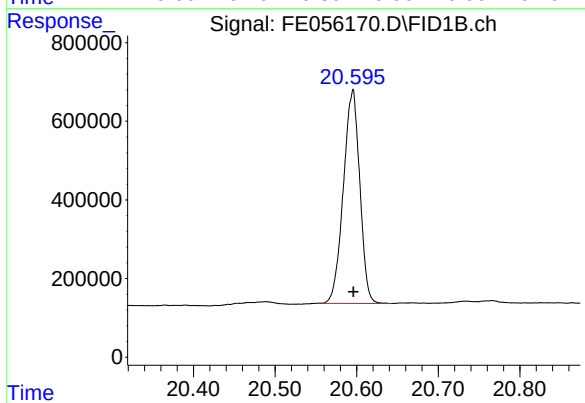
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: -0.002 min
Response: 7406663
Conc: 49.64 ug/ml



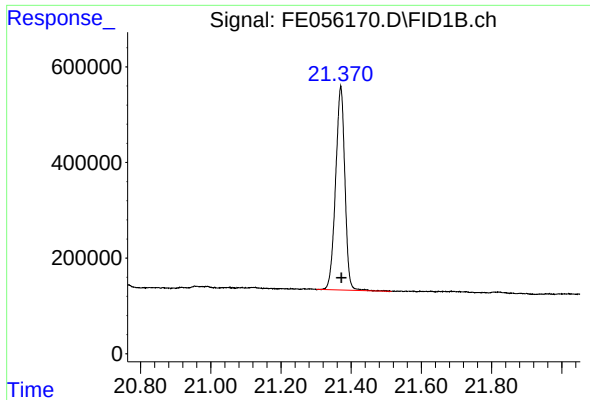
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.001 min
Response: 7622523
Conc: 53.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: -0.001 min
Response: 7590965
Conc: 59.13 ug/ml



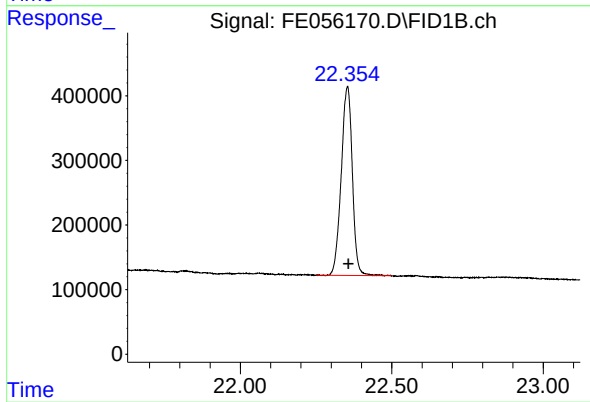
#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.001 min
Response: 7814305
Conc: 59.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.354 min
Delta R.T.: -0.003 min
Response: 7459488
Conc: 62.70 ug/ml