

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091625AL\
 Data File : FE055856.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2025 18:55
 Operator : YP\AJ
 Sample : Q3105-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FREEZE-PIT-SAMPLES MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File: sample.E
 Quant Time: Sep 17 01:31:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.070	5319812	32.382 ug/ml
Spiked Amount 50.000		Recovery =	64.76%
12) S 1-chlorooctadecane (S...	13.506	4485809	35.874 ug/ml
Spiked Amount 50.000		Recovery =	71.75%
Target Compounds			
1) T n-Nonane (C9)	3.411	4841347	38.150 ug/ml
2) T n-Decane (C10)	4.669	5576220	43.531 ug/ml
3) T A~Naphthalene (C11.7)	6.386	6746474	46.435 ug/ml
4) T n-Dodecane (C12)	6.843	6269170	48.146 ug/ml
5) T A~2-methylnaphthalene...	7.487	6633348	47.162 ug/ml
6) T n-Tetradecane (C14)	8.682	6966741	52.901 ug/ml
7) T n-Hexadecane (C16)	10.295	7885047	56.933 ug/ml
8) T n-Octadecane (C18)	11.746	8317058	57.021 ug/ml
10) T n-Eicosane (C20)	13.061	8680450	60.303 ug/ml
11) T n-Heneicosane (C21)	13.675	8272898	57.915 ug/ml
13) T n-Docosane (C22)	14.263	8120983	56.733 ug/ml
14) T n-Tetracosane (C24)	15.370	15887439	109.797 ug/ml
15) T n-Hexacosane (C26)	16.395	7509929	52.567 ug/ml
16) T n-Octacosane (C28)	17.345	7561900	53.164 ug/mlm
17) T n-Tricontane (C30)	18.236	7528345	50.929 ug/ml
18) T n-Dotriacontane (C32)	19.069	7558989	51.500 ug/ml
19) T n-Tetratriacontane (C34)	19.853	8026142	56.808 ug/ml
20) T n-Hexatriacontane (C36)	20.595	7964917	60.360 ug/ml
21) T n-Octatriacontane (C38)	21.371	8271602	63.510 ug/mlm
22) T n-Tetracontane (C40)	22.355	7972253	62.166 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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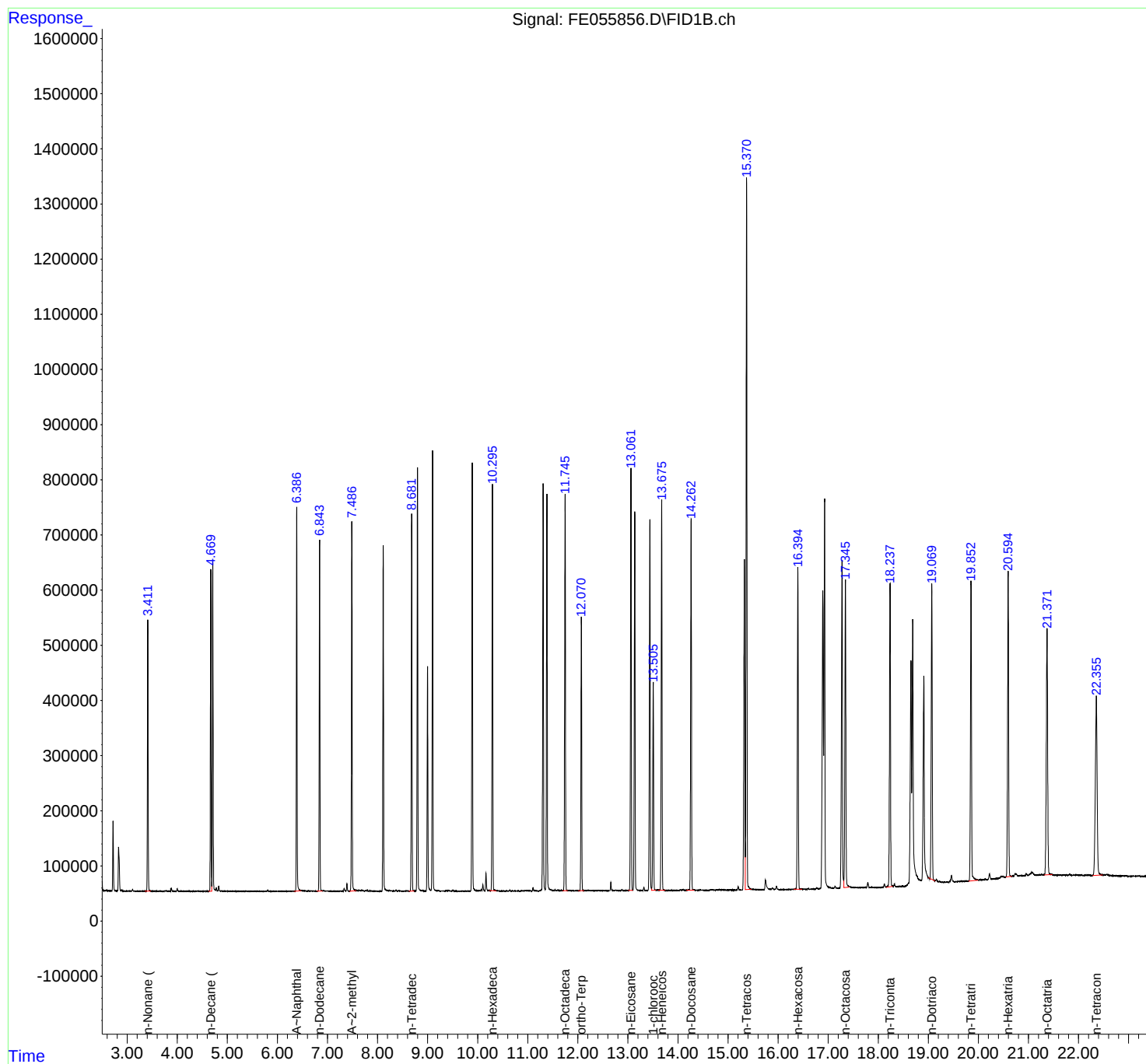
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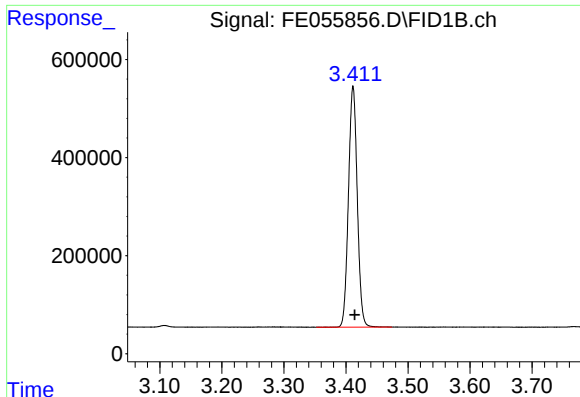
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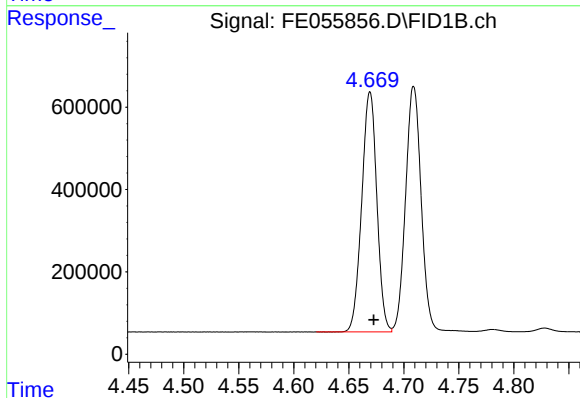
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 4841347
Conc: 38.15 ug/ml

Instrument :
FID_E
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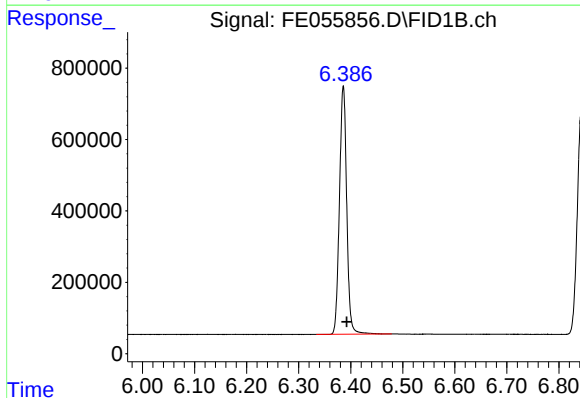
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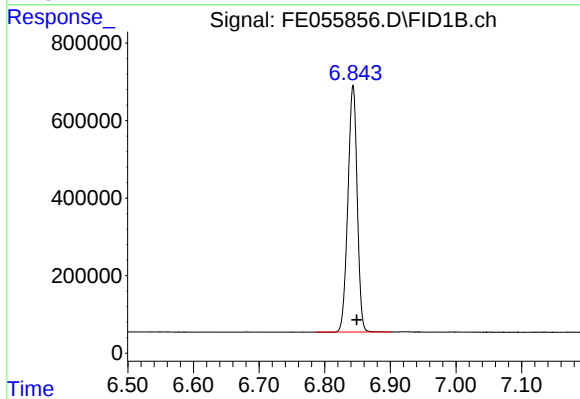
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.003 min
Response: 5576220
Conc: 43.53 ug/ml



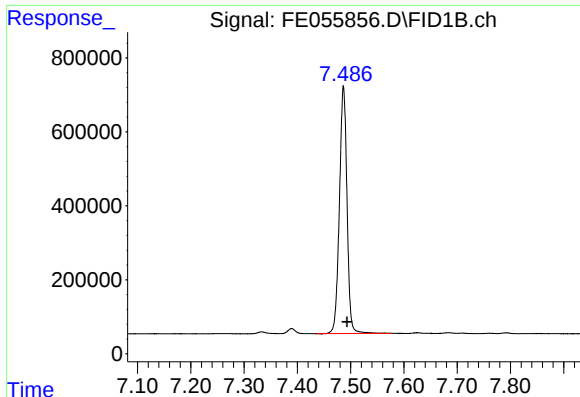
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 6746474
Conc: 46.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 6269170
Conc: 48.15 ug/ml



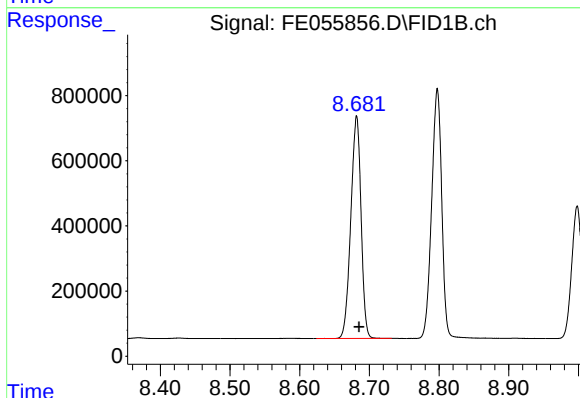
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.487 min
Delta R.T.: -0.007 min
Response: 6633348
Conc: 47.16 ug/ml

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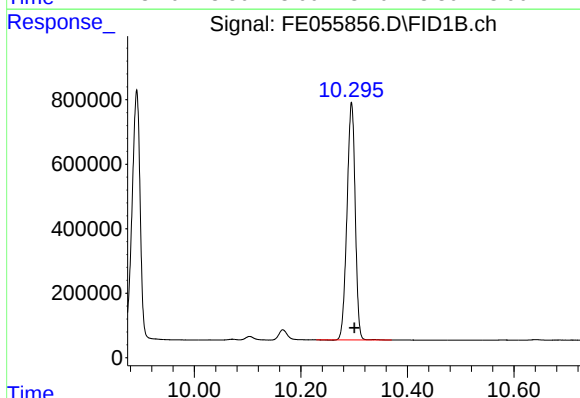
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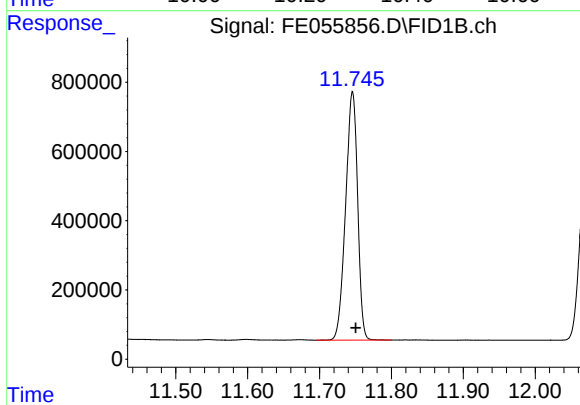
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 6966741
Conc: 52.90 ug/ml



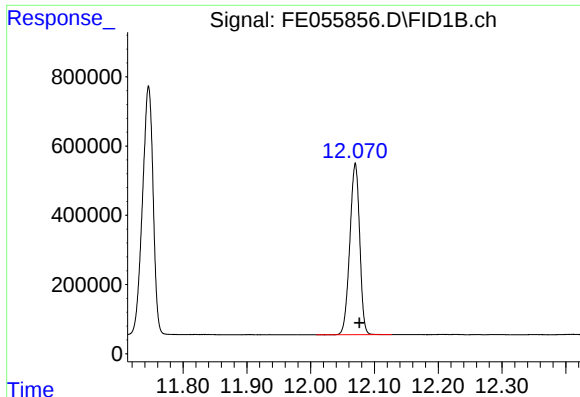
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.005 min
Response: 7885047
Conc: 56.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.005 min
Response: 8317058
Conc: 57.02 ug/ml



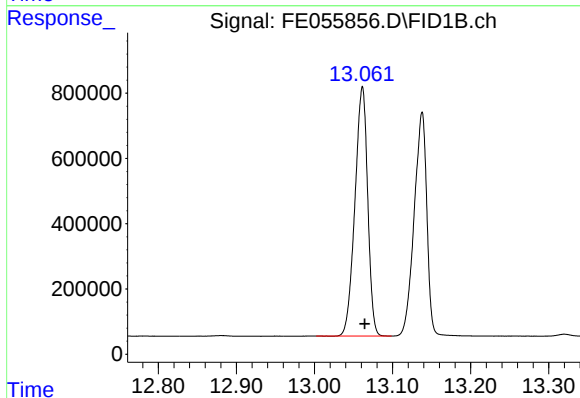
#9 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: -0.007 min
Response: 5319812
Conc: 32.38 ug/ml

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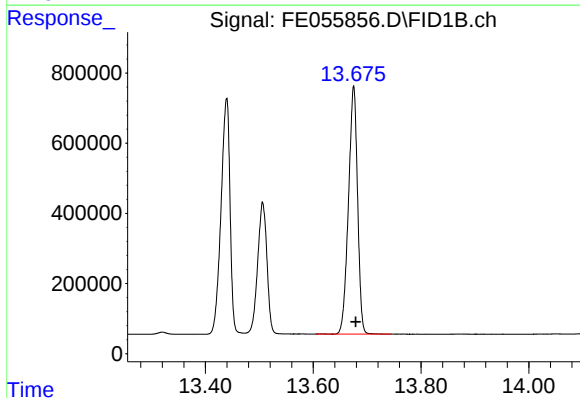
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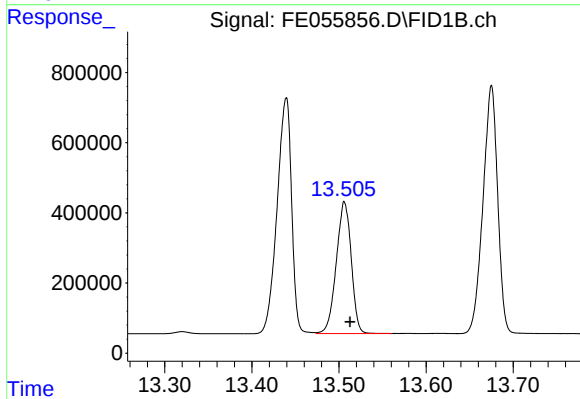
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.003 min
Response: 8680450
Conc: 60.30 ug/ml



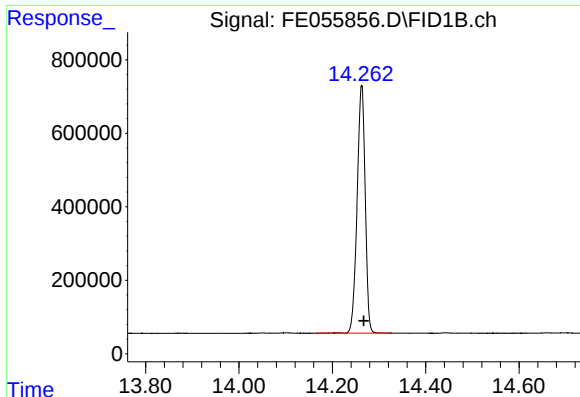
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.004 min
Response: 8272898
Conc: 57.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.506 min
Delta R.T.: -0.006 min
Response: 4485809
Conc: 35.87 ug/ml



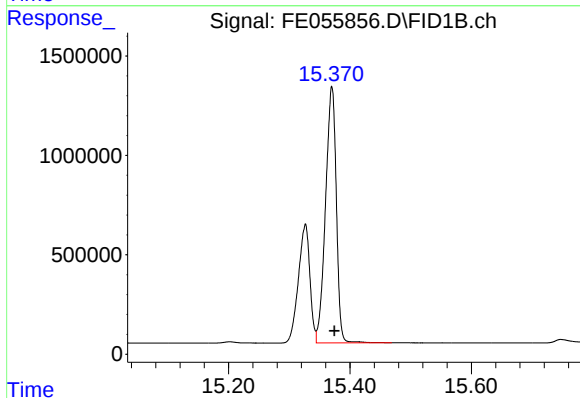
#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: -0.005 min
Response: 8120983
Conc: 56.73 ug/ml

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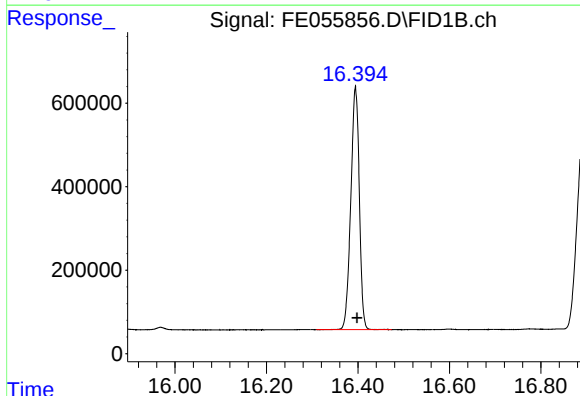
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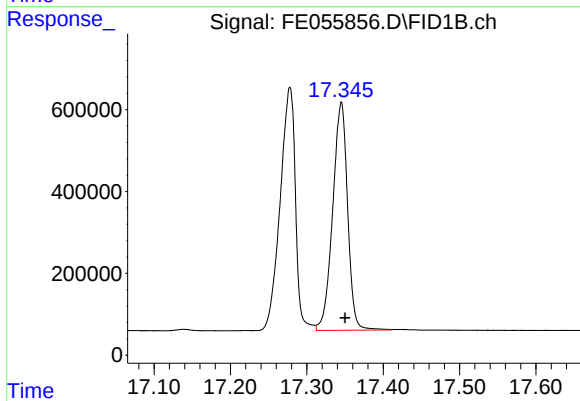
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: -0.005 min
Response: 15887439
Conc: 109.80 ug/ml



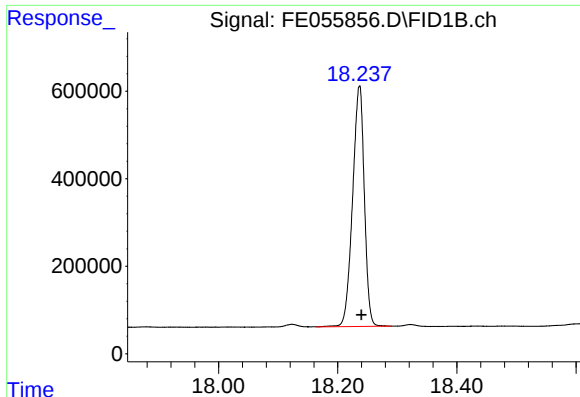
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: -0.004 min
Response: 7509929
Conc: 52.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 7561900
Conc: 53.16 ug/ml m



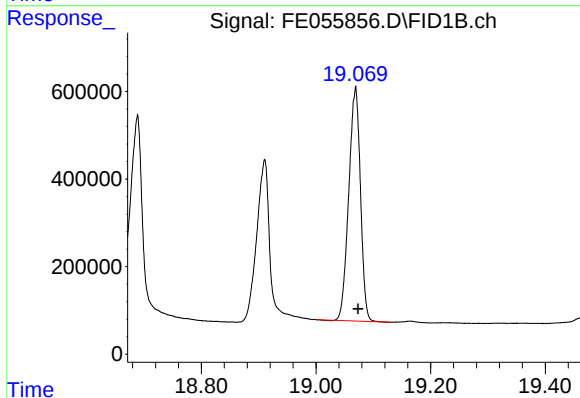
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: -0.003 min
Response: 7528345
Conc: 50.93 ug/ml

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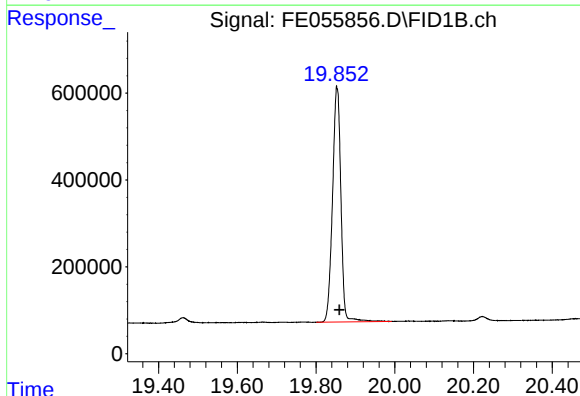
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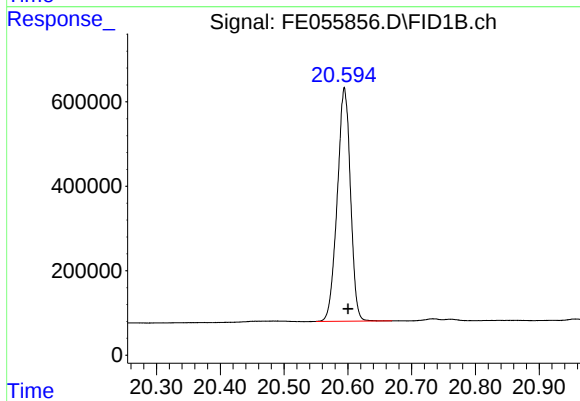
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: -0.005 min
Response: 7558989
Conc: 51.50 ug/ml



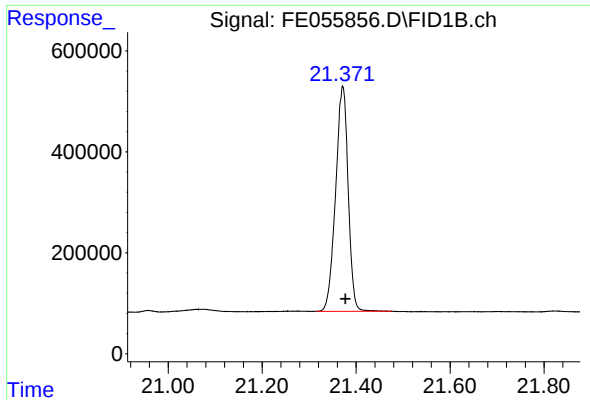
#19 n-Tetratriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.006 min
Response: 8026142
Conc: 56.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: -0.006 min
Response: 7964917
Conc: 60.36 ug/ml



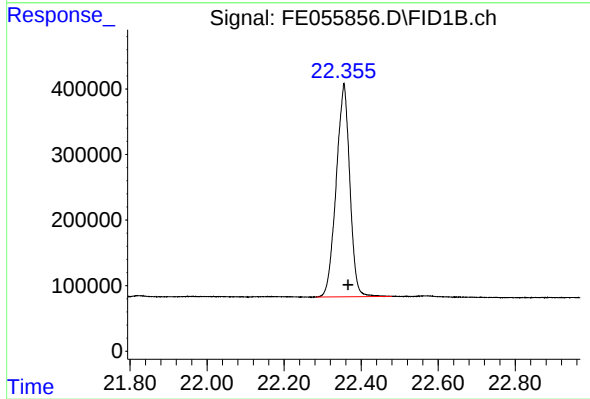
#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.007 min
Response: 8271602
Conc: 63.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.355 min
Delta R.T.: -0.011 min
Response: 7972253
Conc: 62.17 ug/ml m