

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091625AL\
 Data File : FE055855.D
 Signal(s) : FID1B.ch
 Acq On : 16 Sep 2025 18:25
 Operator : YP\AJ
 Sample : Q3105-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 FREEZE-PIT-SAMPLES MS

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 01:31:00 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)	12.071	5587911	34.014 ug/ml
Spiked Amount 50.000		Recovery =	68.03%
12) S 1-chlorooctadecane (S...	13.507	4723257	37.772 ug/ml
Spiked Amount 50.000		Recovery =	75.54%
Target Compounds			
1) T n-Nonane (C9)	3.411	4775415	37.631 ug/ml
2) T n-Decane (C10)	4.669	5526069	43.139 ug/ml
3) T A~Naphthalene (C11.7)	6.386	6825815	46.981 ug/ml
4) T n-Dodecane (C12)	6.843	6302720	48.403 ug/ml
5) T A~2-methylnaphthalene...	7.487	6788370	48.264 ug/ml
6) T n-Tetradecane (C14)	8.682	7092674	53.858 ug/ml
7) T n-Hexadecane (C16)	10.296	8164592	58.951 ug/ml
8) T n-Octadecane (C18)	11.746	8703751	59.672 ug/ml
10) T n-Eicosane (C20)	13.062	9170300	63.706 ug/ml
11) T n-Heneicosane (C21)	13.675	8730888	61.122 ug/ml
13) T n-Docosane (C22)	14.263	8521374	59.530 ug/ml
14) T n-Tetracosane (C24)	15.371	16096459	111.242 ug/ml
15) T n-Hexacosane (C26)	16.395	7634104	53.437 ug/ml
16) T n-Octacosane (C28)	17.344	7549462	53.077 ug/mlm
17) T n-Tricontane (C30)	18.236	7540243	51.010 ug/ml
18) T n-Dotriacontane (C32)	19.069	7584976	51.677 ug/ml
19) T n-Tetratriacontane (C34)	19.854	7897430	55.897 ug/ml
20) T n-Hexatriacontane (C36)	20.596	7968012	60.383 ug/ml
21) T n-Octatriacontane (C38)	21.371	8177130	62.785 ug/mlm
22) T n-Tetracontane (C40)	22.355	7834831	61.095 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 11 Sample Multiplier: 1

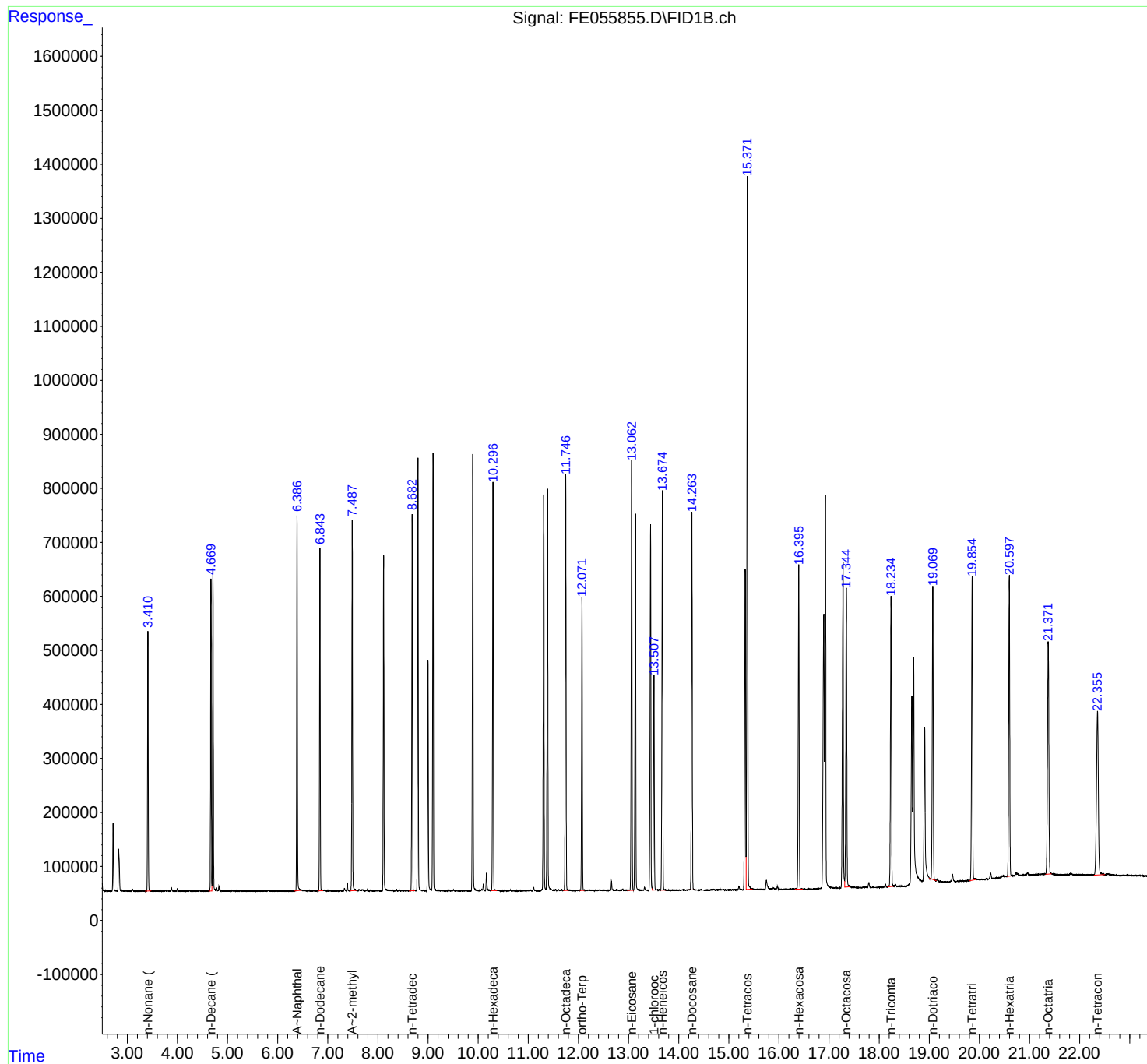
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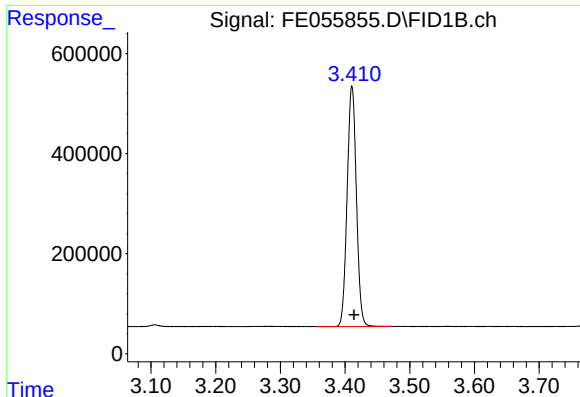
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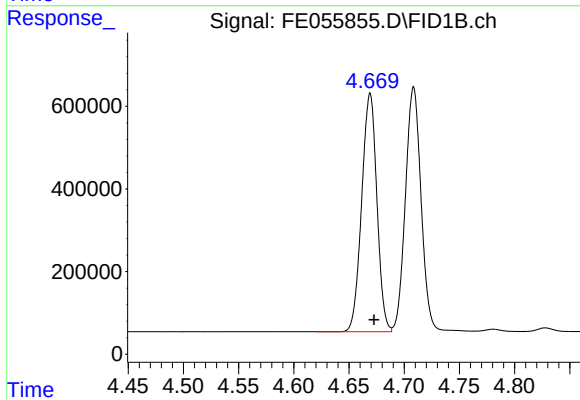
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 4775415
Conc: 37.63 ug/ml

Instrument :
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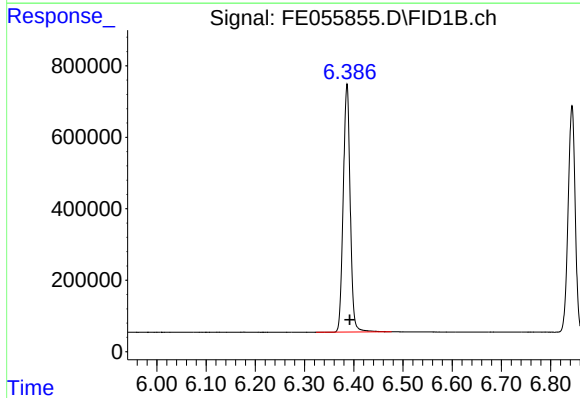
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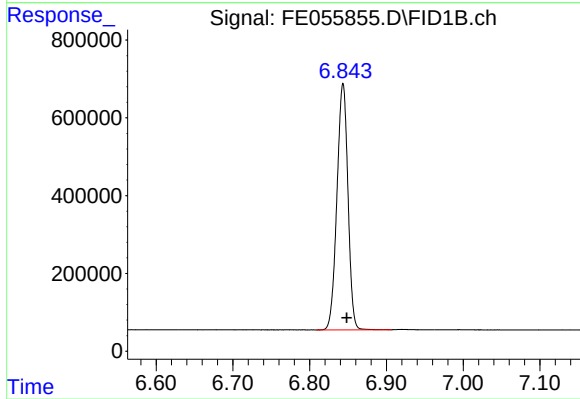
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 5526069
Conc: 43.14 ug/ml



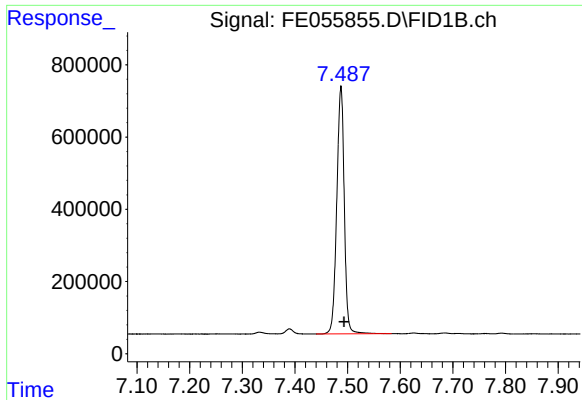
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 6825815
Conc: 46.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.843 min
Delta R.T.: -0.005 min
Response: 6302720
Conc: 48.40 ug/ml



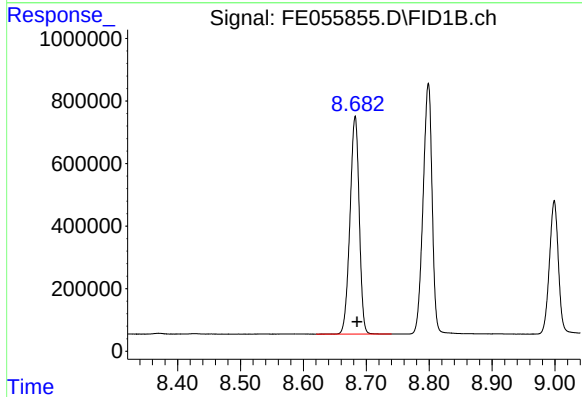
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 6788370
Conc: 48.26 ug/ml

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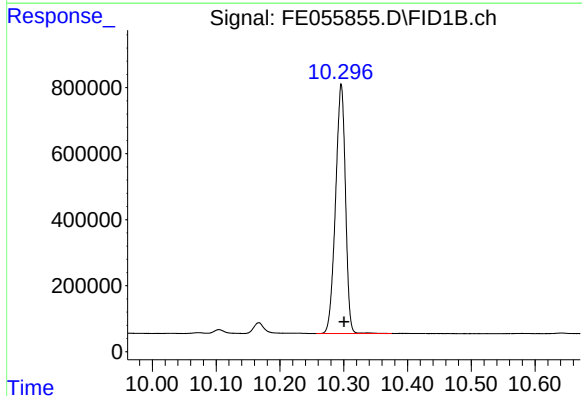
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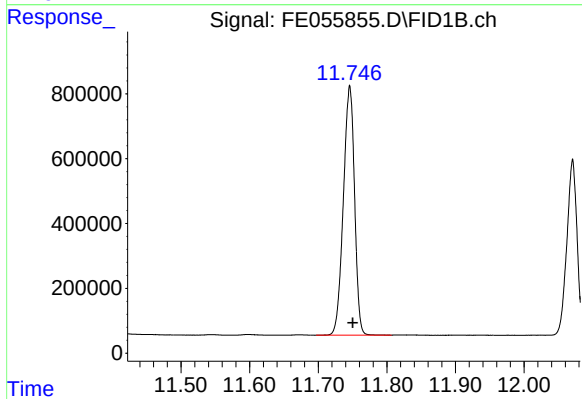
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 7092674
Conc: 53.86 ug/ml



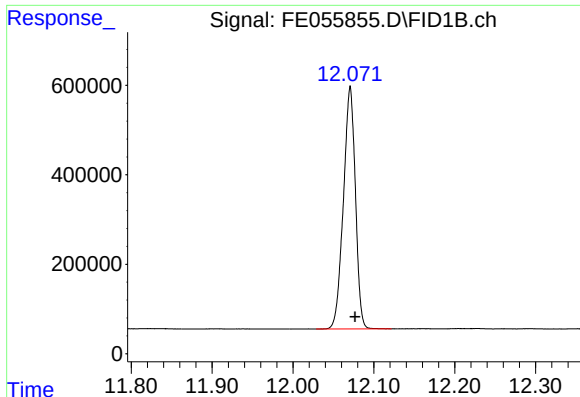
#7 n-Hexadecane (C16)

R.T.: 10.296 min
Delta R.T.: -0.004 min
Response: 8164592
Conc: 58.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.005 min
Response: 8703751
Conc: 59.67 ug/ml



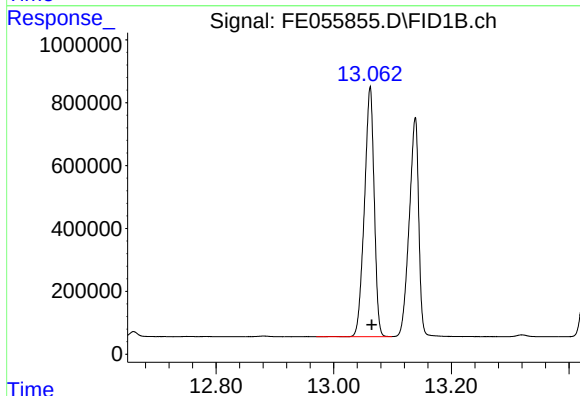
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: -0.006 min
Response: 5587911
Conc: 34.01 ug/ml

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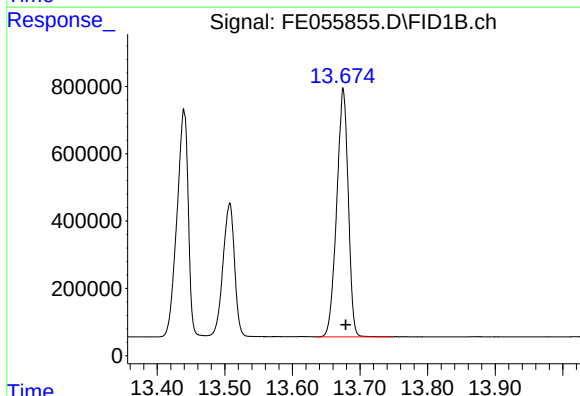
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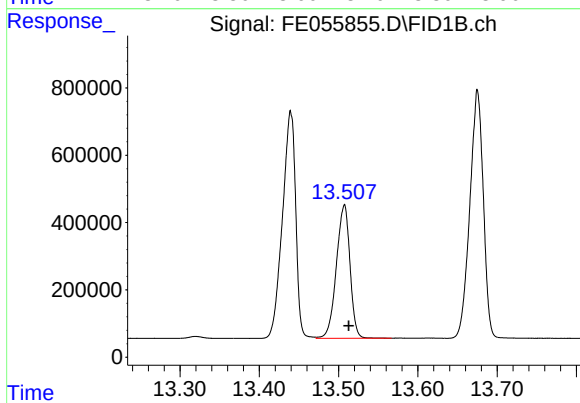
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.003 min
Response: 9170300
Conc: 63.71 ug/ml



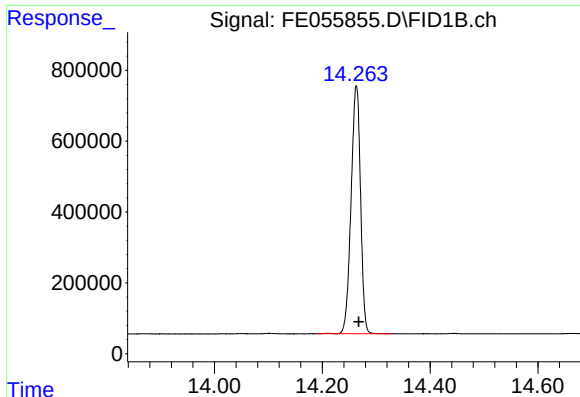
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: -0.004 min
Response: 8730888
Conc: 61.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 4723257
Conc: 37.77 ug/ml



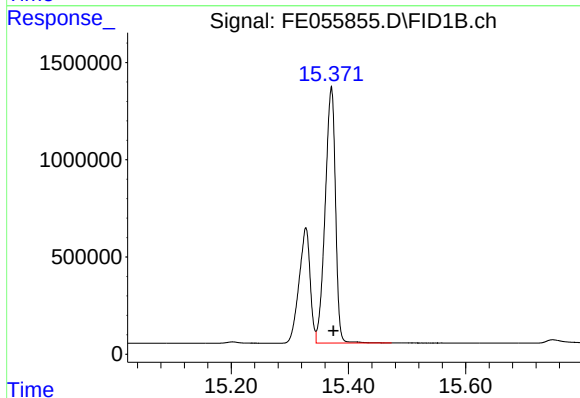
#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: -0.004 min
Response: 8521374
Conc: 59.53 ug/ml

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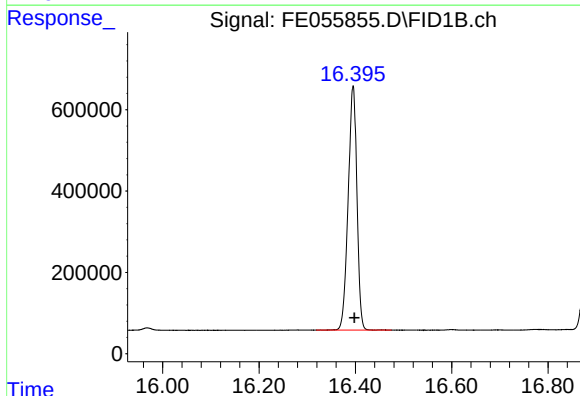
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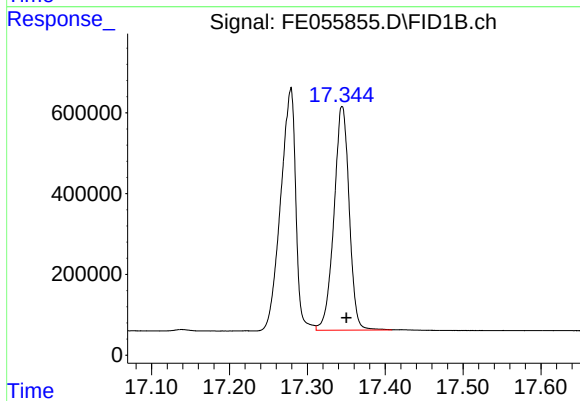
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.004 min
Response: 16096459
Conc: 111.24 ug/ml



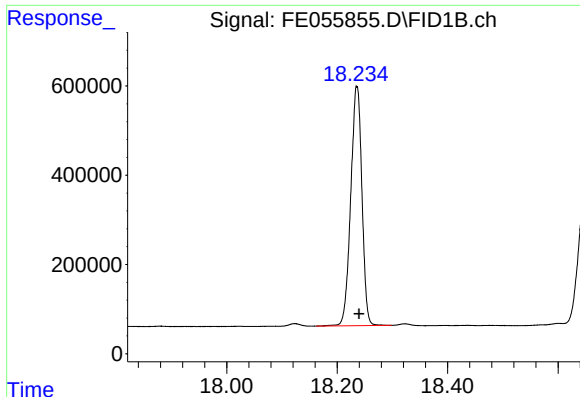
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: -0.003 min
Response: 7634104
Conc: 53.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.344 min
Delta R.T.: -0.006 min
Response: 7549462
Conc: 53.08 ug/ml m



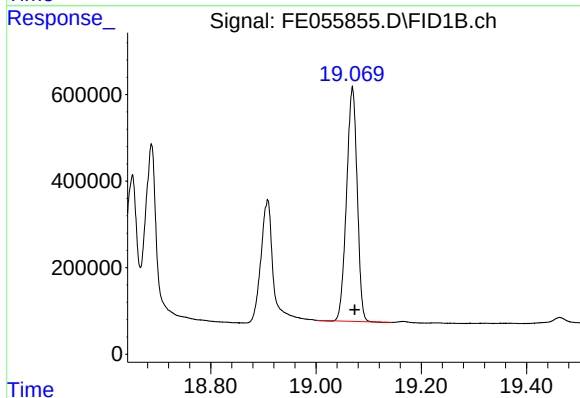
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: -0.004 min
Response: 7540243
Conc: 51.01 ug/ml

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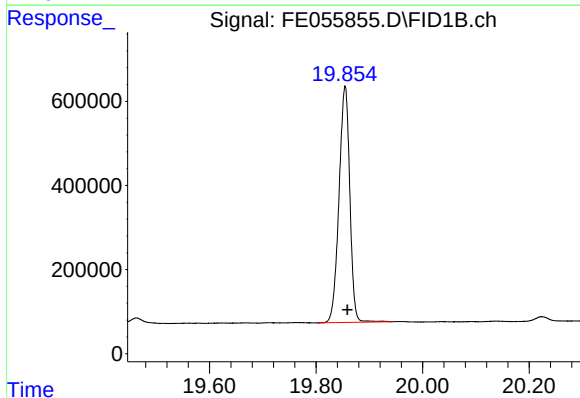
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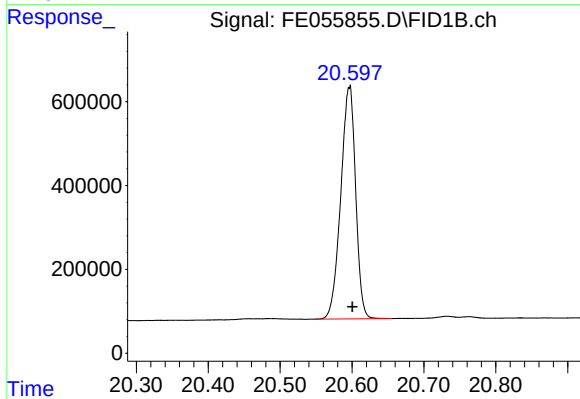
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: -0.005 min
Response: 7584976
Conc: 51.68 ug/ml



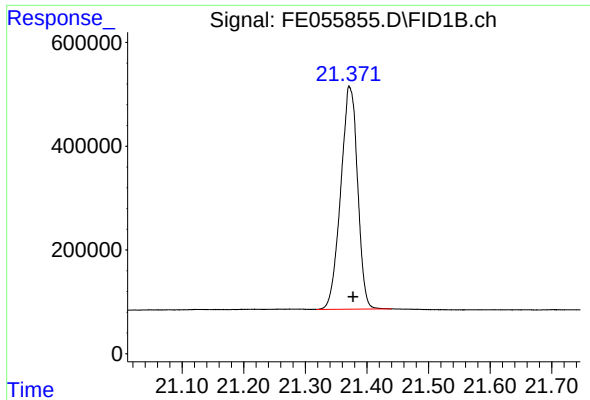
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.005 min
Response: 7897430
Conc: 55.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.596 min
Delta R.T.: -0.004 min
Response: 7968012
Conc: 60.38 ug/ml



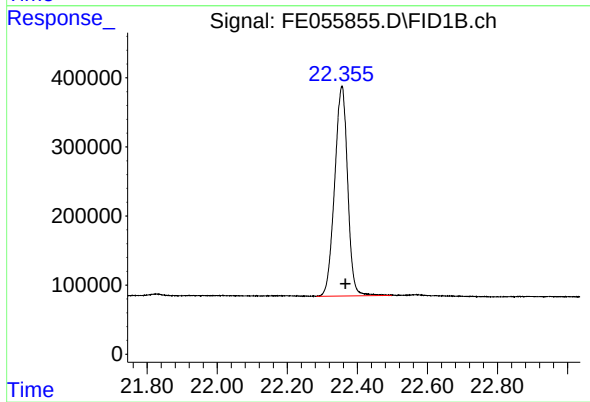
#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: -0.007 min
Response: 8177130
Conc: 62.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.355 min
Delta R.T.: -0.011 min
Response: 7834831
Conc: 61.09 ug/ml m