

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051867.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 15:15
 Operator : YP\AJ
 Sample : Q1025-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 GREENBROOK-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File: autoint1.e
 Quant Time: Jan 08 22:58:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.125	4071671	28.090 ug/ml
Spiked Amount 50.000		Recovery =	56.18%
12) S 1-chlorooctadecane (S...	13.553	3392087	29.520 ug/ml
Spiked Amount 50.000		Recovery =	59.04%
Target Compounds			
1) T n-Nonane (C9)	3.537	3213501	29.094 ug/ml
2) T n-Decane (C10)	4.779	3776578	33.188 ug/ml
3) T A~Naphthalene (C11.7)	6.482	4822617	37.814 ug/ml
4) T n-Dodecane (C12)	6.930	4384862	37.339 ug/ml
5) T A~2-methylnaphthalene...	7.572	4736171	37.842 ug/ml
6) T n-Tetradecane (C14)	8.754	4868897	40.609 ug/ml
7) T n-Hexadecane (C16)	10.358	5142455	40.184 ug/ml
8) T n-Octadecane (C18)	11.798	5246167	39.425 ug/mlm
10) T n-Eicosane (C20)	13.108	5504245	41.833 ug/ml
11) T n-Heneicosane (C21)	13.719	5219157	39.713 ug/ml
13) T n-Docosane (C22)	14.305	5127347	39.084 ug/ml
14) T n-Tetracosane (C24)	15.406	10507084	79.324 ug/ml
15) T n-Hexacosane (C26)	16.427	4986731	38.005 ug/ml
16) T n-Octacosane (C28)	17.377	4908873	38.019 ug/ml
17) T n-Tricontane (C30)	18.264	4911023	37.357 ug/ml
18) T n-Dotriacontane (C32)	19.094	4719519	37.189 ug/ml
19) T n-Tetratriacontane (C34)	19.875	4534754	40.813 ug/ml
20) T n-Hexatriacontane (C36)	20.615	4161905	42.185 ug/ml
21) T n-Octatriacontane (C38)	21.395	3978154	42.017 ug/mlm
22) T n-Tetracontane (C40)	22.391	3927962	42.671 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

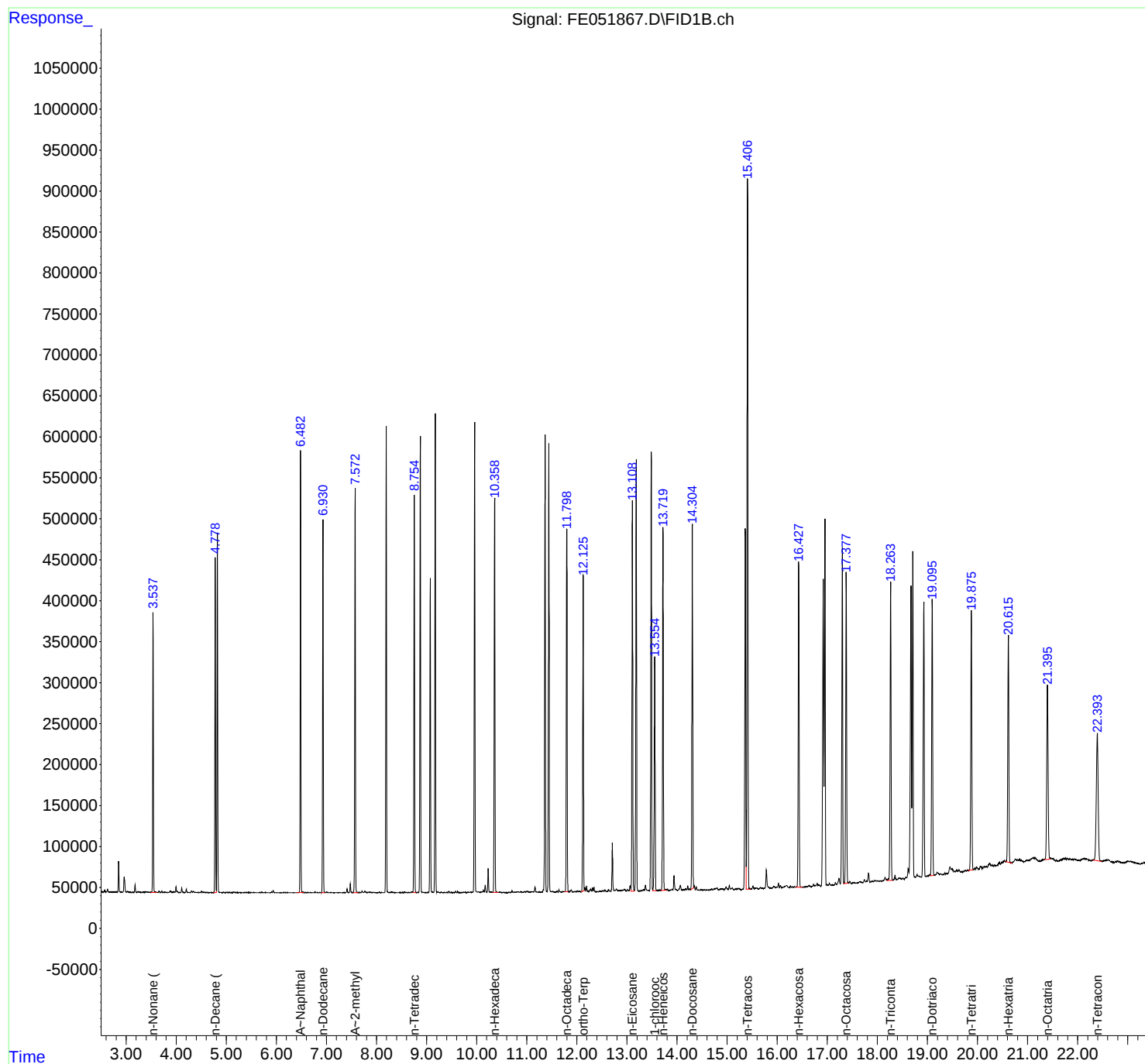
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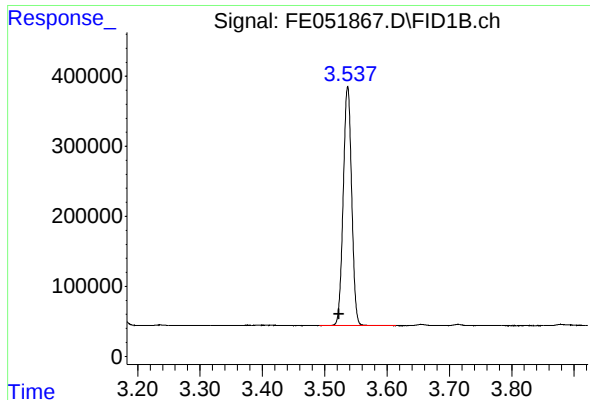
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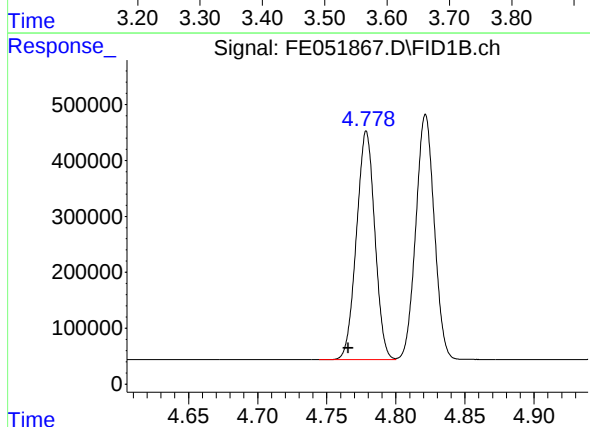
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: 0.014 min
Response: 3213501
Conc: 29.09 ug/ml

Instrument :
FID_E
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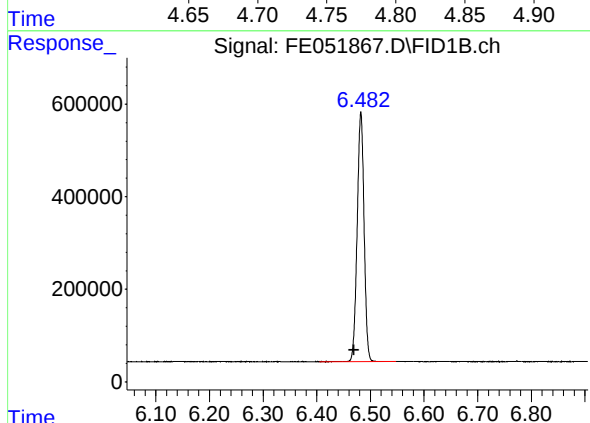
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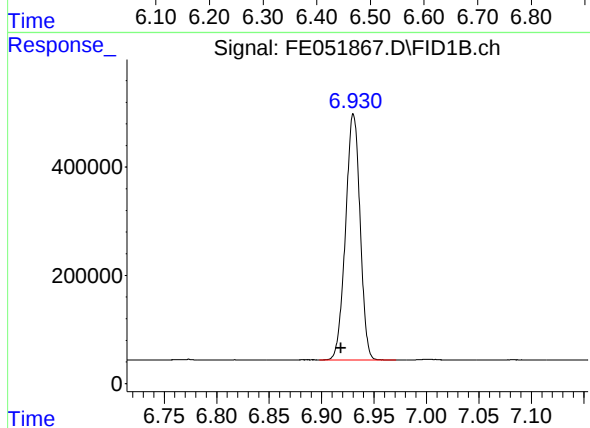
#2 n-Decane (C10)

R.T.: 4.779 min
Delta R.T.: 0.013 min
Response: 3776578
Conc: 33.19 ug/ml



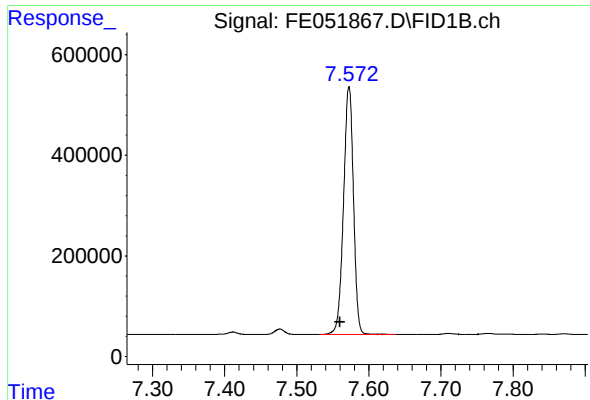
#3 A~Naphthalene (C11.7)

R.T.: 6.482 min
Delta R.T.: 0.013 min
Response: 4822617
Conc: 37.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.930 min
Delta R.T.: 0.012 min
Response: 4384862
Conc: 37.34 ug/ml



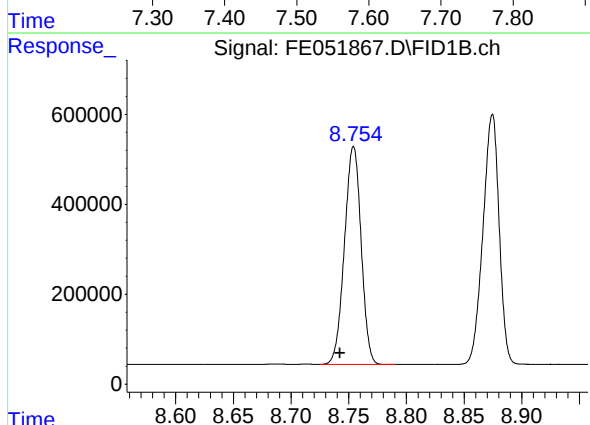
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.572 min
Delta R.T.: 0.013 min
Response: 4736171
Conc: 37.84 ug/ml

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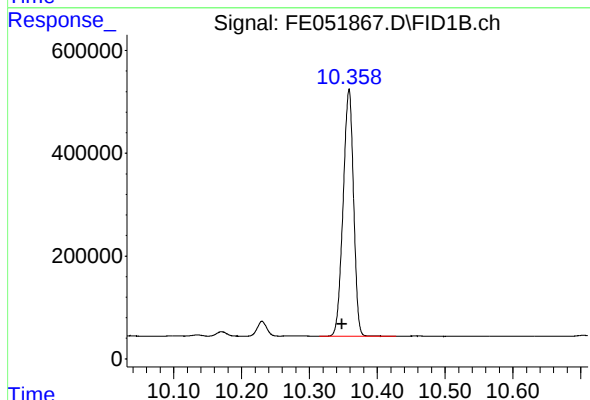
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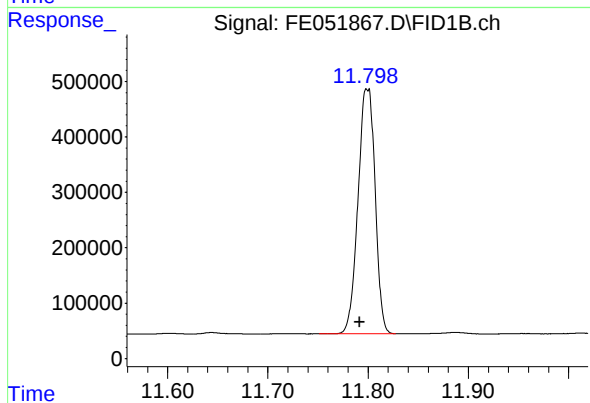
#6 n-Tetradecane (C14)

R.T.: 8.754 min
Delta R.T.: 0.012 min
Response: 4868897
Conc: 40.61 ug/ml



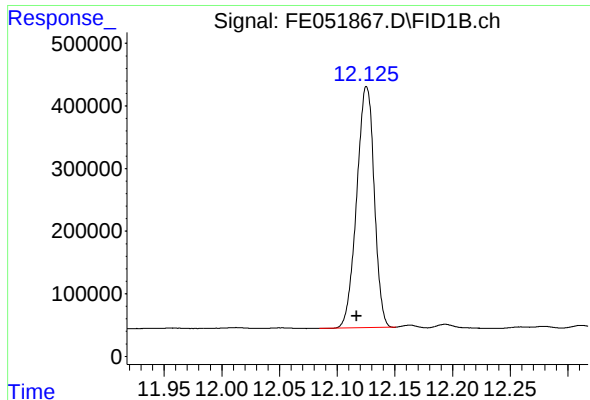
#7 n-Hexadecane (C16)

R.T.: 10.358 min
Delta R.T.: 0.010 min
Response: 5142455
Conc: 40.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.798 min
Delta R.T.: 0.006 min
Response: 5246167
Conc: 39.43 ug/ml m



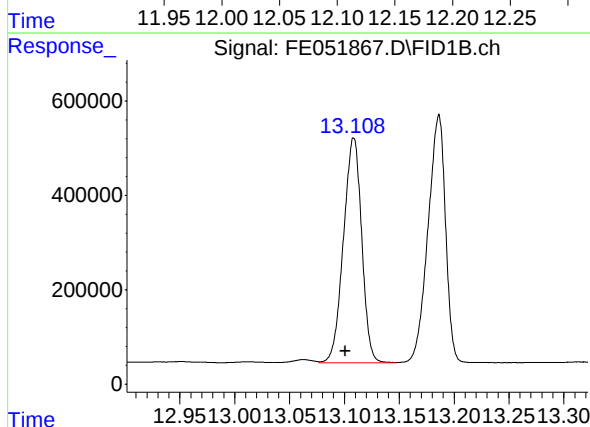
#9 ortho-Terphenyl (SURR)

R.T.: 12.125 min
Delta R.T.: 0.008 min
Response: 4071671
Conc: 28.09 ug/ml

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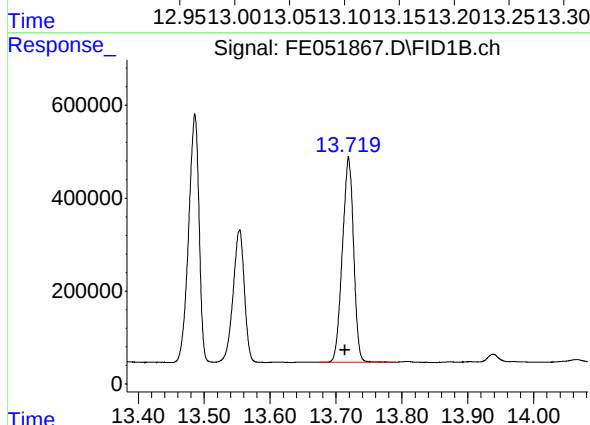
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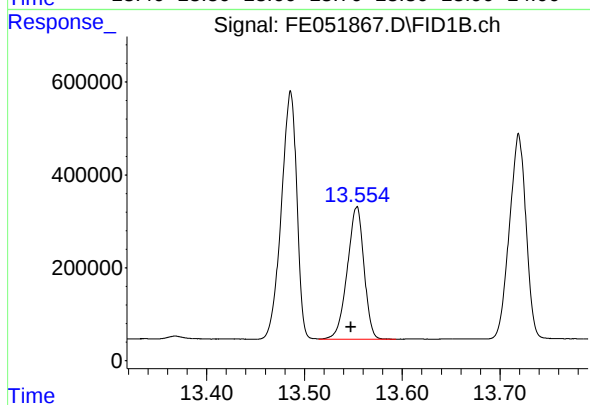
#10 n-Eicosane (C20)

R.T.: 13.108 min
Delta R.T.: 0.007 min
Response: 5504245
Conc: 41.83 ug/ml



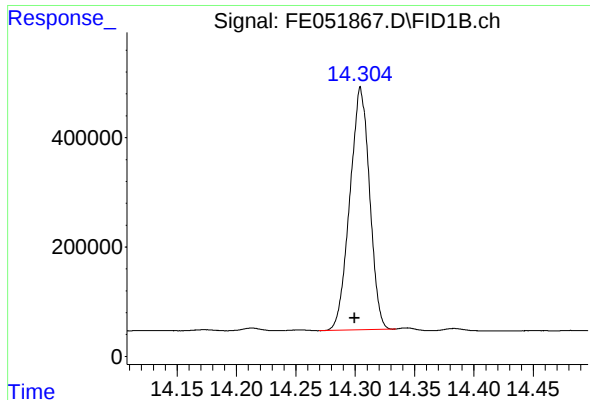
#11 n-Heneicosane (C21)

R.T.: 13.719 min
Delta R.T.: 0.006 min
Response: 5219157
Conc: 39.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.553 min
Delta R.T.: 0.006 min
Response: 3392087
Conc: 29.52 ug/ml



#13 n-Docosane (C22)

R.T.: 14.305 min
Delta R.T.: 0.005 min
Response: 5127347
Conc: 39.08 ug/ml

Instrument :

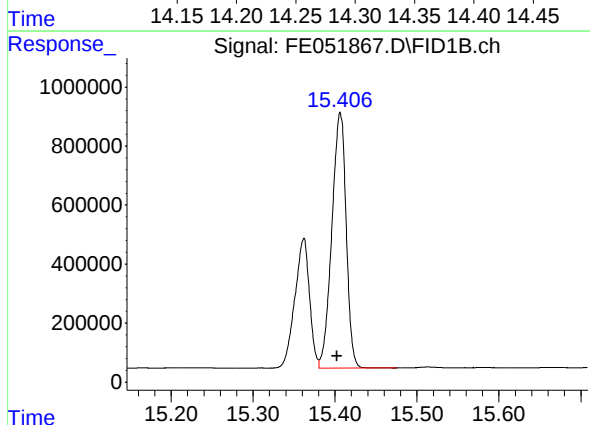
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ClientSampleId :

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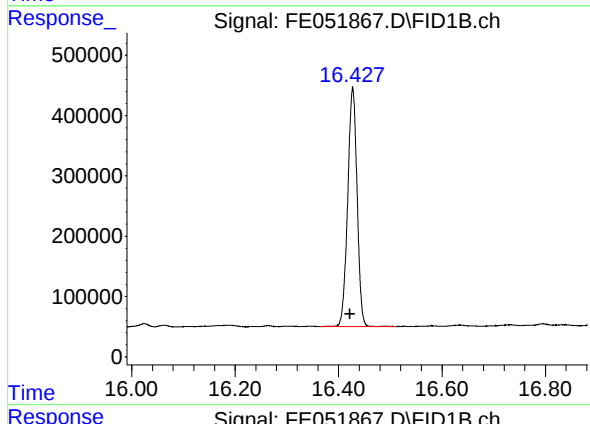
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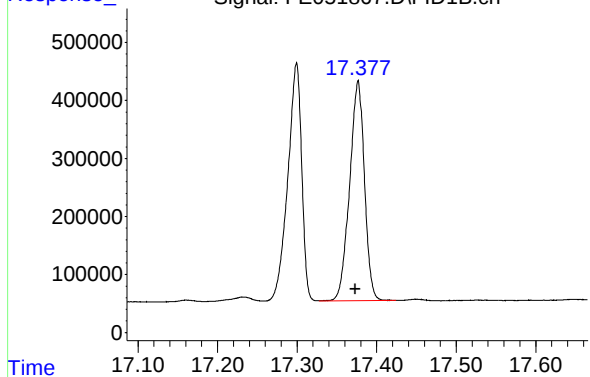
#14 n-Tetracosane (C24)

R.T.: 15.406 min
Delta R.T.: 0.004 min
Response: 10507084
Conc: 79.32 ug/ml



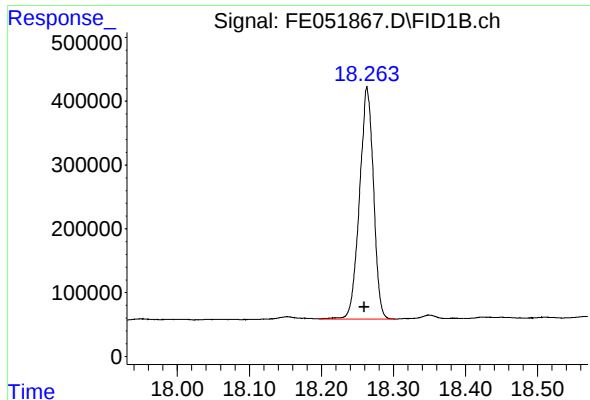
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.005 min
Response: 4986731
Conc: 38.01 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.377 min
Delta R.T.: 0.004 min
Response: 4908873
Conc: 38.02 ug/ml



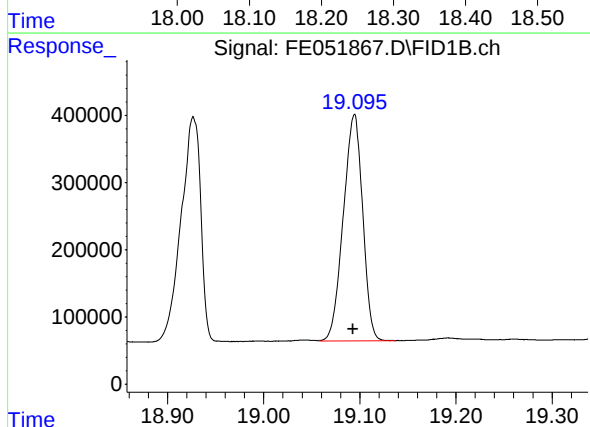
#17 n-Tricontane (C30)

R.T.: 18.264 min
Delta R.T.: 0.004 min
Response: 4911023
Conc: 37.36 ug/ml

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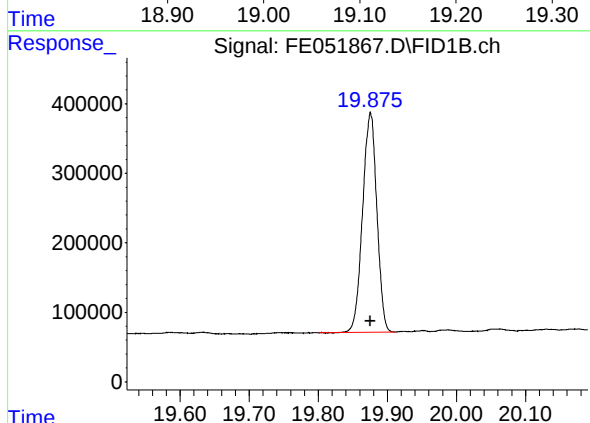
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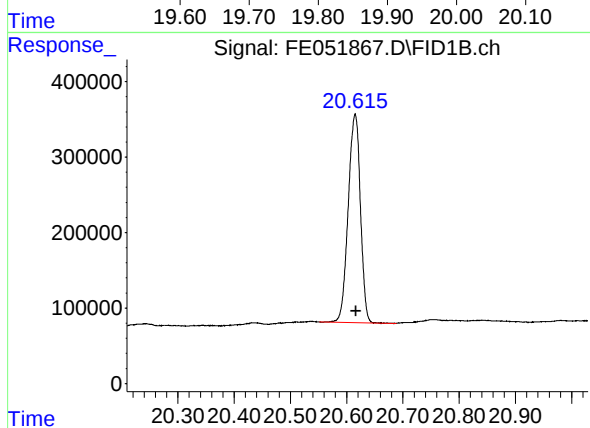
#18 n-Dotriacontane (C32)

R.T.: 19.094 min
Delta R.T.: 0.001 min
Response: 4719519
Conc: 37.19 ug/ml



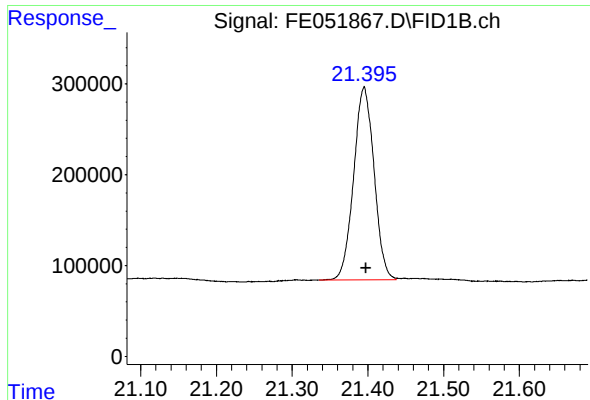
#19 n-Tetratriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.000 min
Response: 4534754
Conc: 40.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.615 min
Delta R.T.: -0.002 min
Response: 4161905
Conc: 42.19 ug/ml



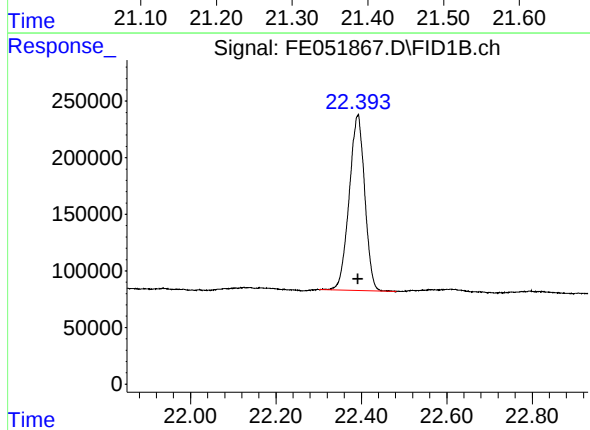
#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: -0.003 min
Response: 3978154
Conc: 42.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.000 min
Response: 3927962
Conc: 42.67 ug/ml