

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100325AL\
 Data File : FE056171.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2025 17:47
 Operator : YP\AJ
 Sample : Q3262-08MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 279887MSD

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 23:15:25 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)	12.064	10338131	55.092 ug/ml
Spiked Amount 50.000		Recovery =	110.18%
12) S 1-chlorooctadecane (S...	13.519	6950689	49.802 ug/ml
Spiked Amount 50.000		Recovery =	99.60%
Target Compounds			
1) T n-Nonane (C9)	3.411	4707554	34.364 ug/ml
2) T n-Decane (C10)	4.671	5820344	41.704 ug/ml
3) T A~Naphthalene (C11.7)	6.390	8036334	50.333 ug/ml
4) T n-Dodecane (C12)	6.846	7404222	51.587 ug/ml
5) T A~2-methylnaphthalene...	7.492	8797009	56.566 ug/ml
6) T n-Tetradecane (C14)	8.691	9697561	65.593 ug/ml
7) T n-Hexadecane (C16)	10.338	11531771	72.569 ug/ml
8) T n-Octadecane (C18)	11.737	4473728	26.412 ug/ml
10) T n-Eicosane (C20)	13.039	10549374	63.641 ug/ml
11) T n-Heneicosane (C21)	13.672	43780120	269.431 ug/ml
13) T n-Docosane (C22)	14.263	16960220	106.140 ug/ml
14) T n-Tetracosane (C24)	15.406	16246905	106.620 ug/ml
15) T n-Hexacosane (C26)	16.405	6859429	48.092 ug/mlm
16) T n-Octacosane (C28)	17.347	7131737	51.195 ug/mlm
17) T n-Tricontane (C30)	18.236	7148741	48.243 ug/ml
18) T n-Dotriacontane (C32)	19.069	7421384	49.742 ug/ml
19) T n-Tetratriacontane (C34)	19.854	7670740	54.229 ug/ml
20) T n-Hexatriacontane (C36)	20.595	7620447	59.363 ug/ml
21) T n-Octatriacontane (C38)	21.371	7835451	59.657 ug/ml
22) T n-Tetracontane (C40)	22.353	7597081	63.859 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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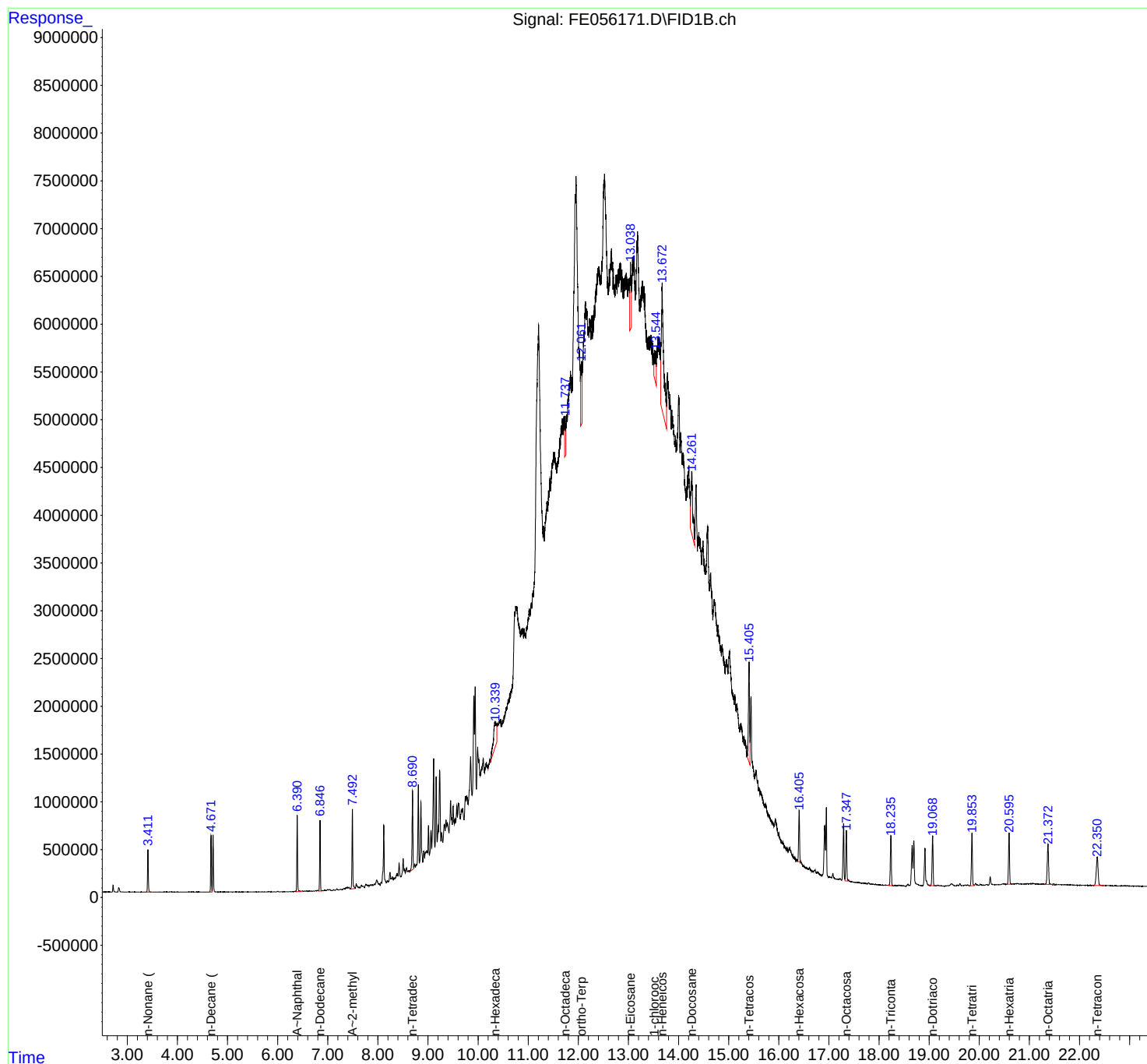
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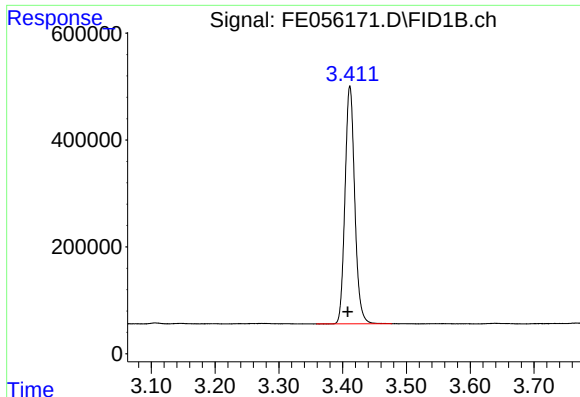
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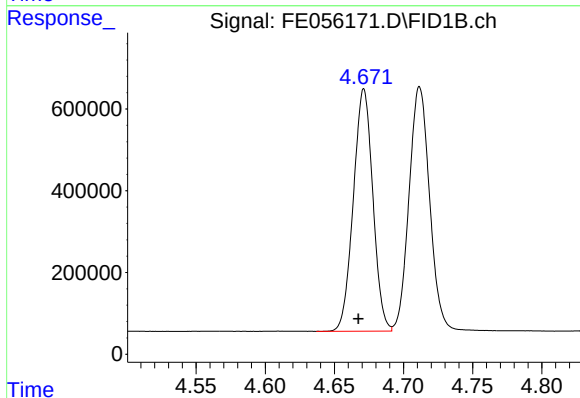
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 4707554
Conc: 34.36 ug/ml

Instrument :
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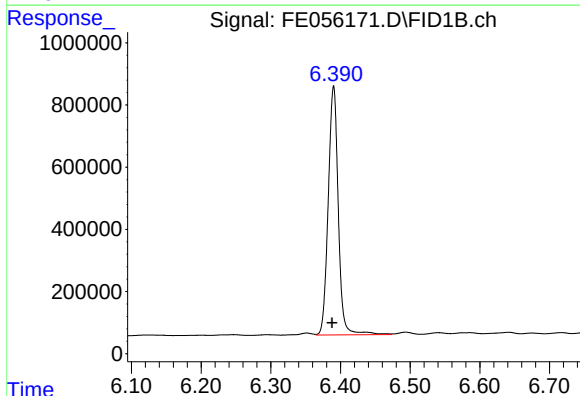
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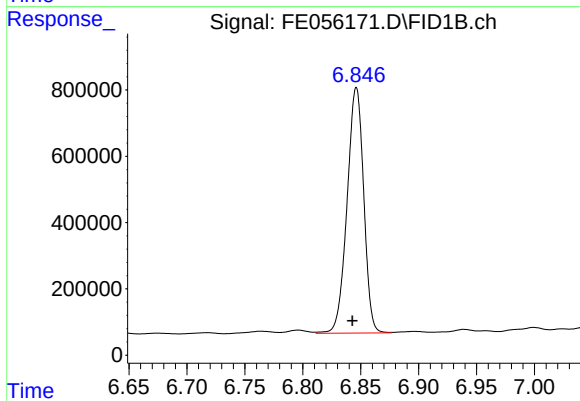
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: 0.004 min
Response: 5820344
Conc: 41.70 ug/ml



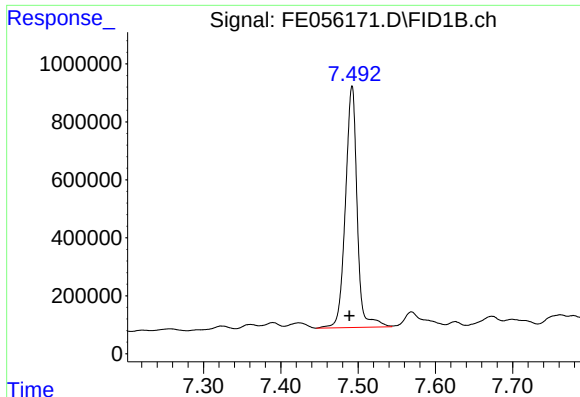
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 8036334
Conc: 50.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 7404222
Conc: 51.59 ug/ml



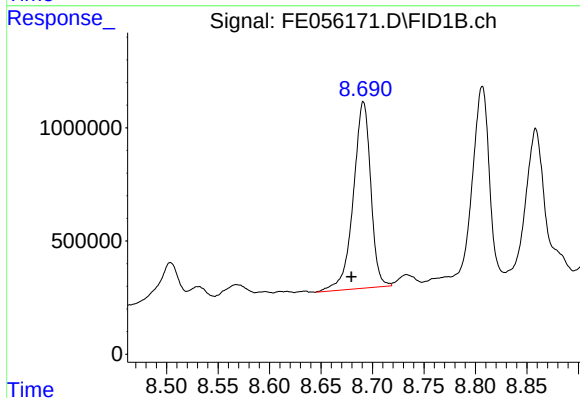
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 8797009
Conc: 56.57 ug/ml

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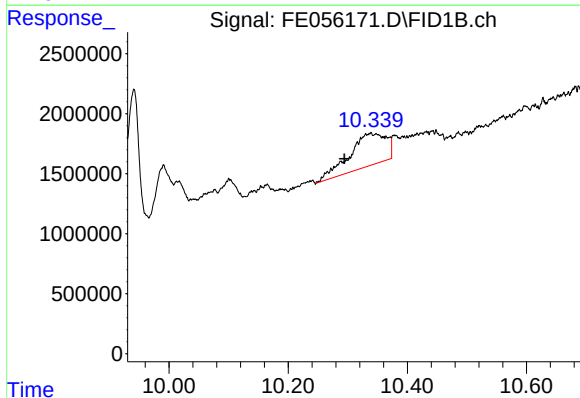
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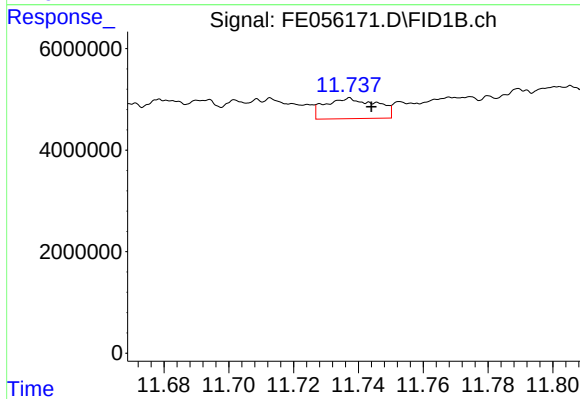
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: 0.012 min
Response: 9697561
Conc: 65.59 ug/ml



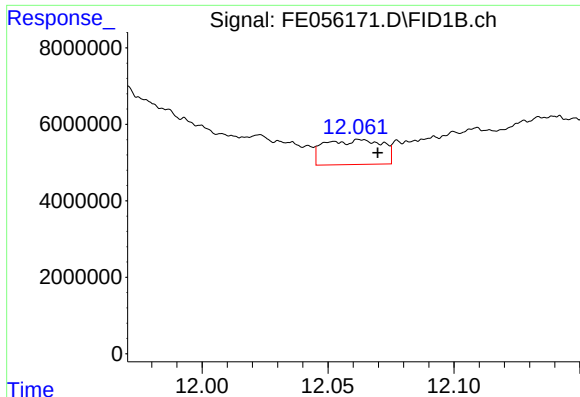
#7 n-Hexadecane (C16)

R.T.: 10.338 min
Delta R.T.: 0.044 min
Response: 11531771
Conc: 72.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.737 min
Delta R.T.: -0.007 min
Response: 4473728
Conc: 26.41 ug/ml



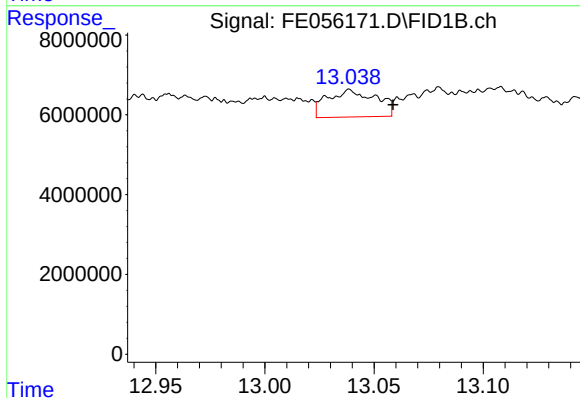
#9 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: -0.006 min
Response: 10338131
Conc: 55.09 ug/ml

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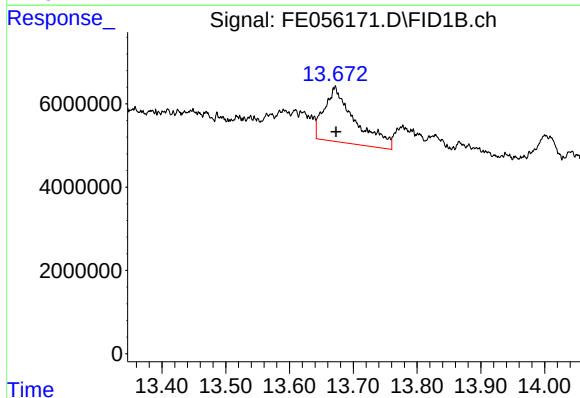
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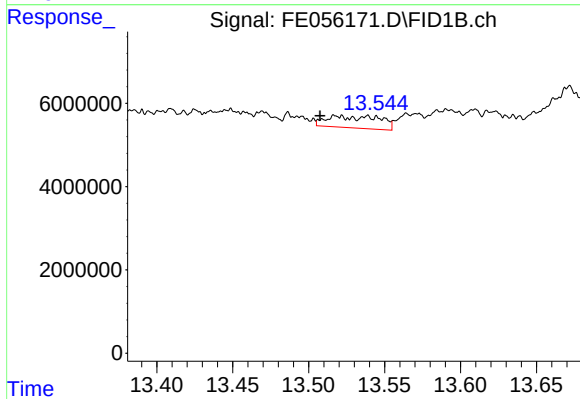
#10 n-Eicosane (C20)

R.T.: 13.039 min
Delta R.T.: -0.020 min
Response: 10549374
Conc: 63.64 ug/ml



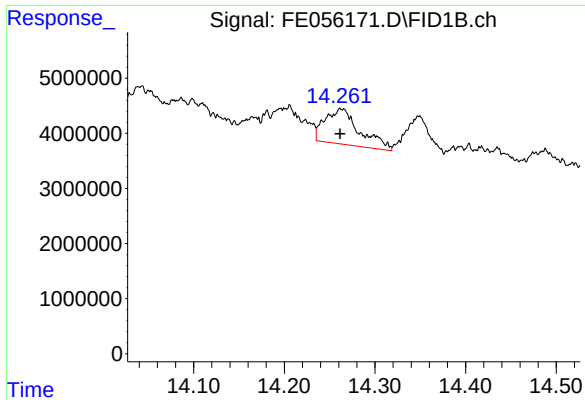
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: -0.002 min
Response: 43780120
Conc: 269.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: 0.012 min
Response: 6950689
Conc: 49.80 ug/ml



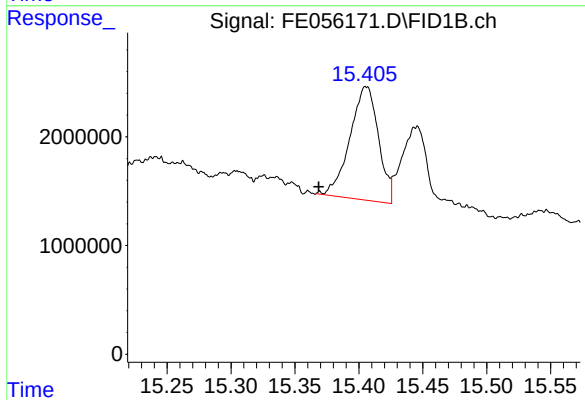
#13 n-Docosane (C22)

R.T.: 14.263 min
Delta R.T.: 0.002 min
Response: 16960220
Conc: 106.14 ug/ml

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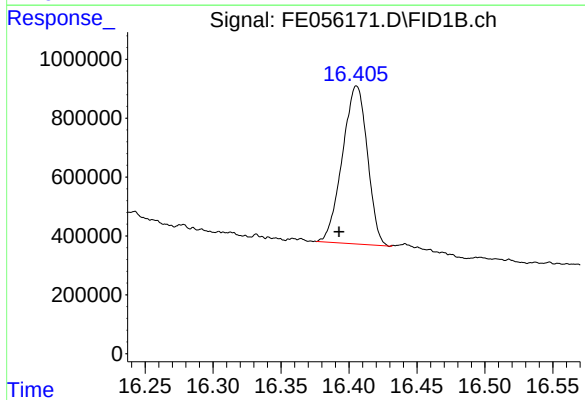
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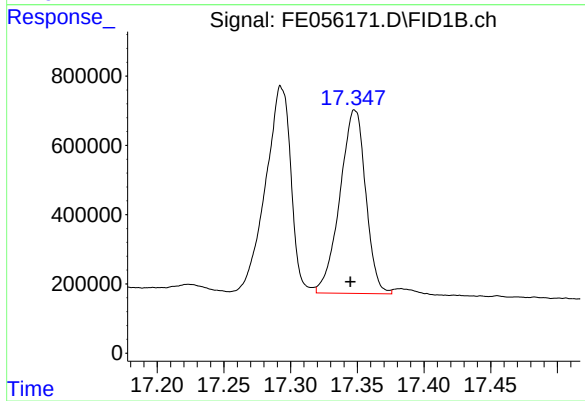
#14 n-Tetracosane (C24)

R.T.: 15.406 min
Delta R.T.: 0.037 min
Response: 16246905
Conc: 106.62 ug/ml



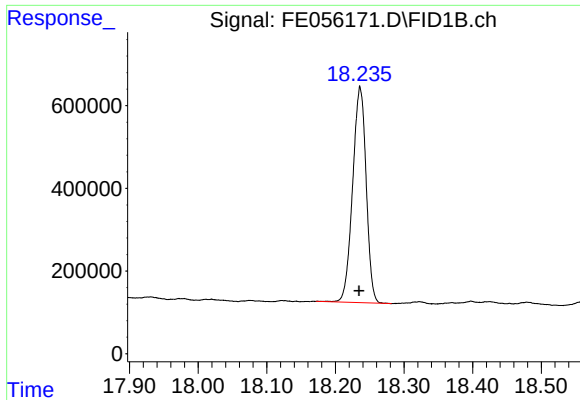
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.012 min
Response: 6859429
Conc: 48.09 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.347 min
Delta R.T.: 0.002 min
Response: 7131737
Conc: 51.19 ug/ml m



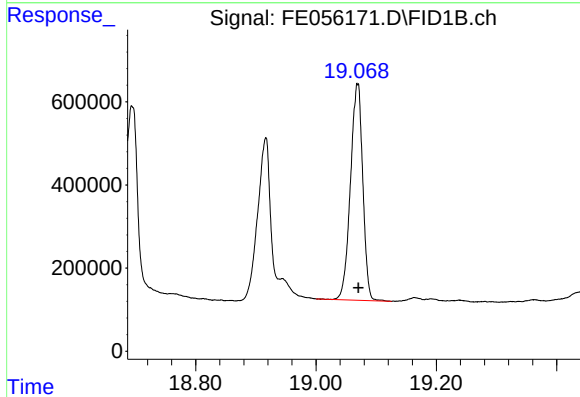
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: 0.001 min
Response: 7148741
Conc: 48.24 ug/ml

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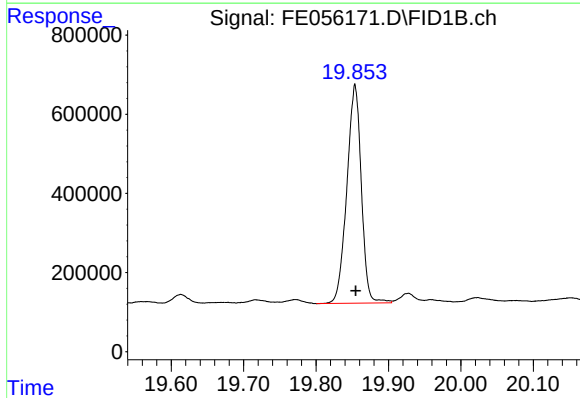
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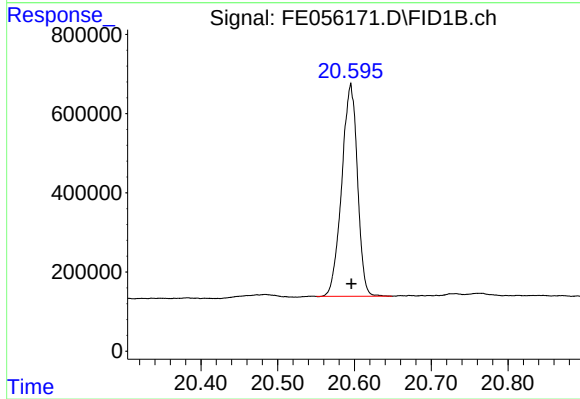
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: -0.002 min
Response: 7421384
Conc: 49.74 ug/ml



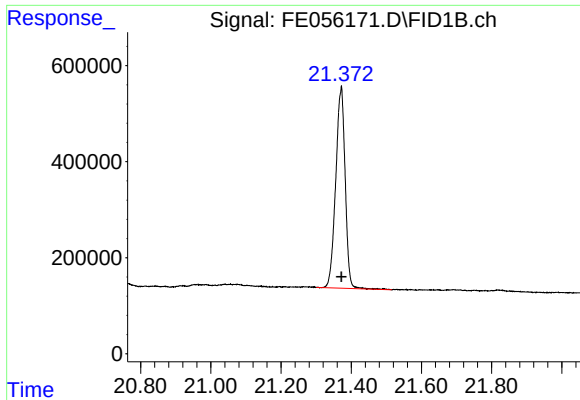
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: -0.001 min
Response: 7670740
Conc: 54.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.595 min
Delta R.T.: -0.001 min
Response: 7620447
Conc: 59.36 ug/ml



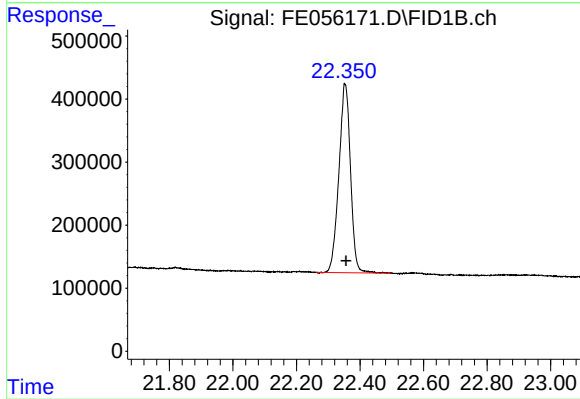
#21 n-Octatriacontane (C38)

R.T.: 21.371 min
Delta R.T.: 0.000 min
Response: 7835451
Conc: 59.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: -0.004 min
Response: 7597081
Conc: 63.86 ug/ml