

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036613.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2022 03:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 21 03:56:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.856	3968833	21.309 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
12) S 1-chlorooctadecane (S...	13.296	3173787	20.860 ug/ml
Spiked Amount 50.000		Recovery =	41.72%
Target Compounds			
1) T n-Nonane (C9)	3.240	3558944	23.086 ug/ml
2) T n-Decane (C10)	4.495	3602659	23.371 ug/ml
3) T A~Naphthalene (C11.7)	6.198	4003718	23.429 ug/ml
4) T n-Dodecane (C12)	6.665	3675159	23.400 ug/ml
5) T A~2-methylnaphthalene...	7.295	4012019	23.344 ug/ml
6) T n-Tetradecane (C14)	8.492	3755120	23.001 ug/ml
7) T n-Hexadecane (C16)	10.100	3721646	22.579 ug/ml
8) T n-Octadecane (C18)	11.542	3720517	21.892 ug/ml
10) T n-Eicosane (C20)	12.851	3615809	21.257 ug/ml
11) T n-Heneicosane (C21)	13.463	3579102	20.912 ug/ml
13) T n-Docosane (C22)	14.050	3527127	20.658 ug/ml
14) T n-Tetracosane (C24)	15.153	3421372	20.071 ug/ml
15) T n-Hexacosane (C26)	16.174	3284682	19.647 ug/ml
16) T n-Octacosane (C28)	17.123	3196471	19.571 ug/ml
17) T n-Tricontane (C30)	18.013	3016582	19.851 ug/ml
18) T n-Dotriacontane (C32)	18.843	2466107	20.505 ug/mlm
19) T n-Tetratriacontane (C34)	19.628	1778061	21.351 ug/mlm
20) T n-Hexatriacontane (C36)	20.370	1356158	23.097 ug/mlm
21) T n-Octatriacontane (C38)	21.094	1141096	22.759 ug/mlm
22) T n-Tetracontane (C40)	21.984	1336658	25.883 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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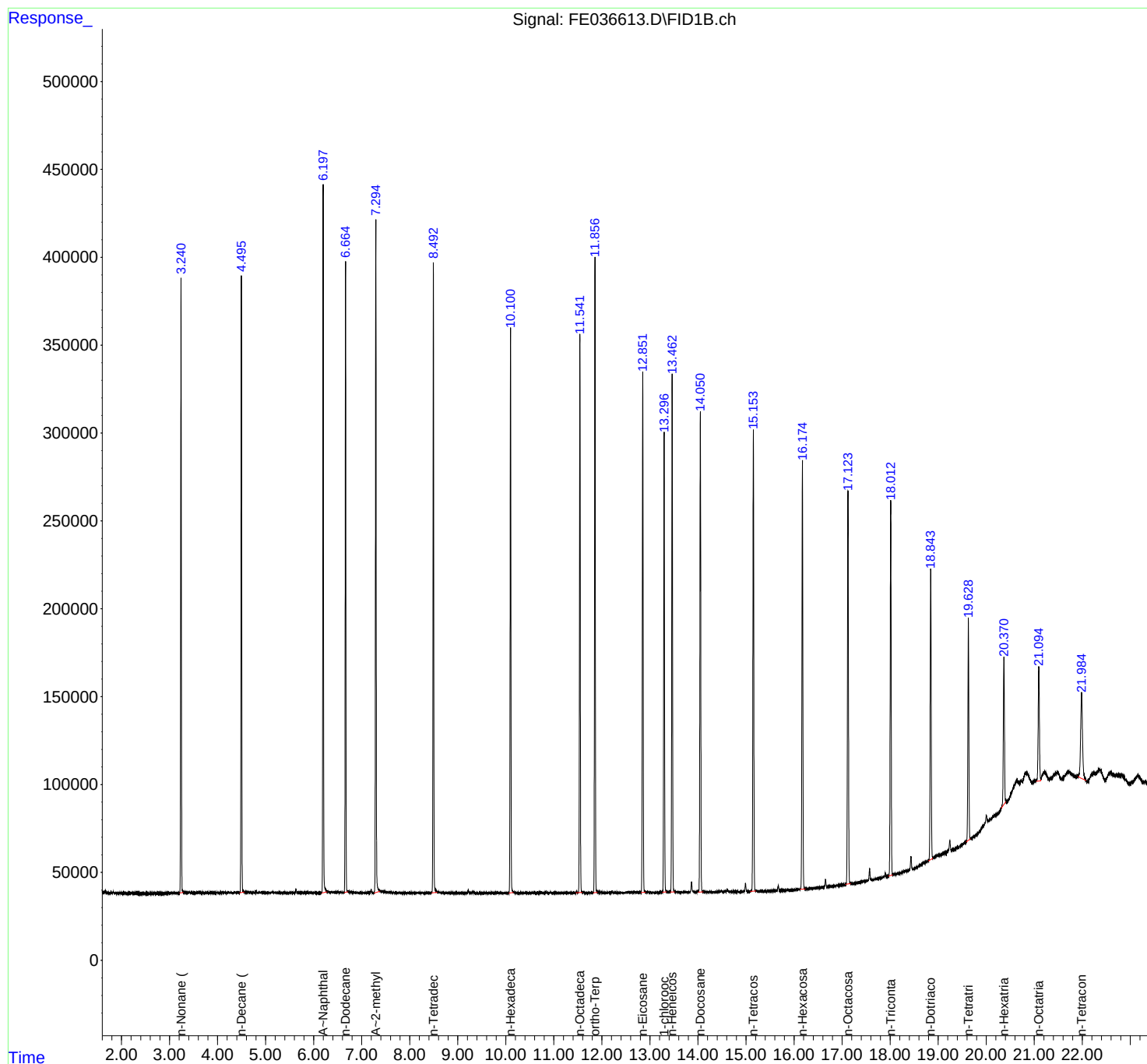
Instrument :
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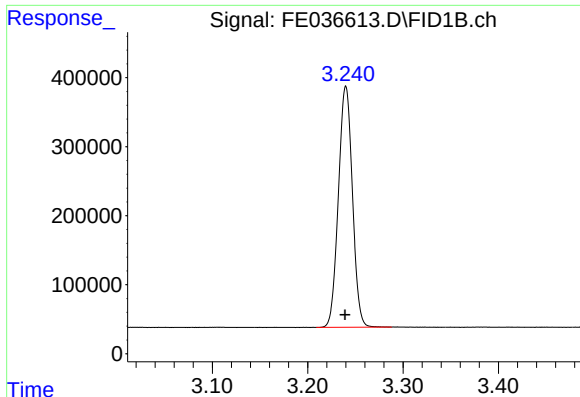
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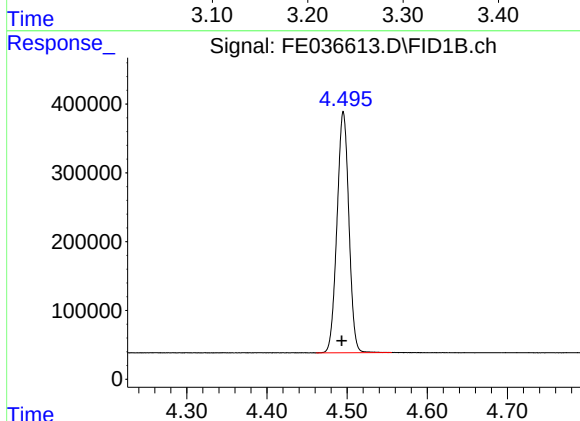
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 3558944
Conc: 23.09 ug/ml

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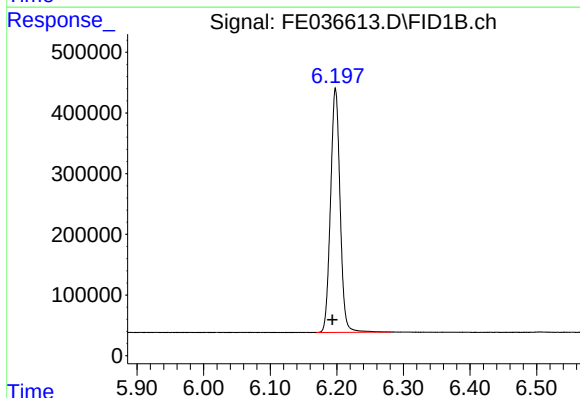
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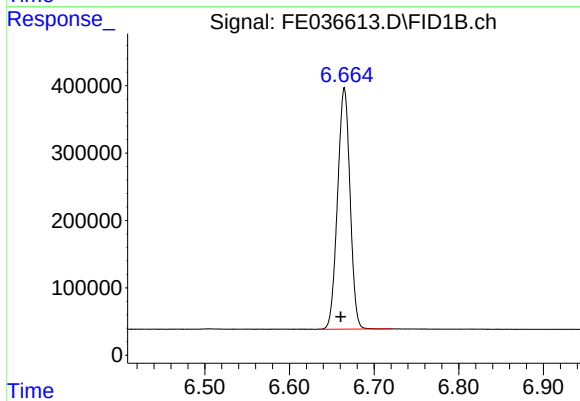
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: 0.002 min
Response: 3602659
Conc: 23.37 ug/ml



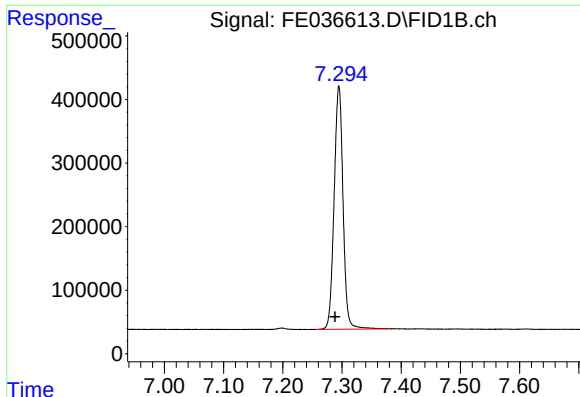
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.005 min
Response: 4003718
Conc: 23.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: 0.004 min
Response: 3675159
Conc: 23.40 ug/ml



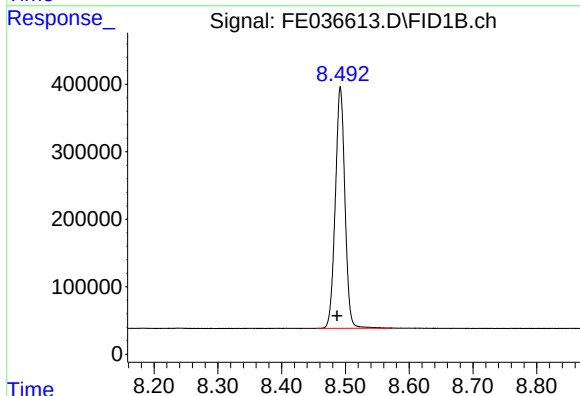
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: 0.007 min
Response: 4012019
Conc: 23.34 ug/ml

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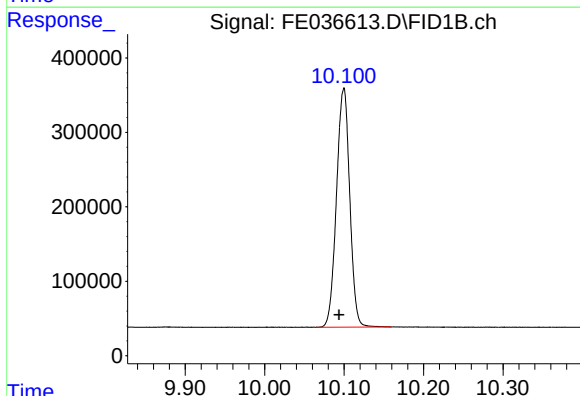
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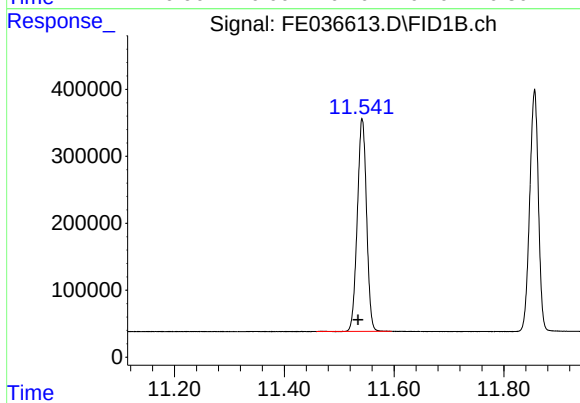
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: 0.005 min
Response: 3755120
Conc: 23.00 ug/ml



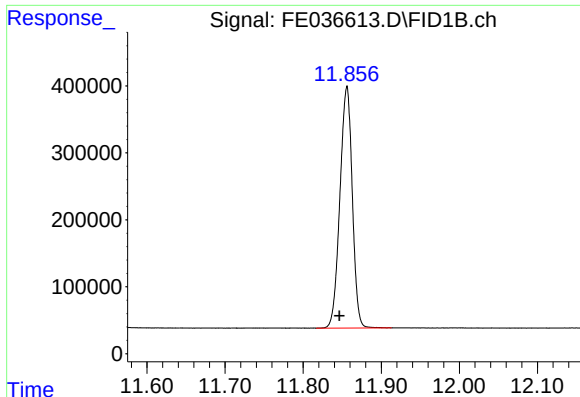
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: 0.006 min
Response: 3721646
Conc: 22.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.542 min
Delta R.T.: 0.007 min
Response: 3720517
Conc: 21.89 ug/ml



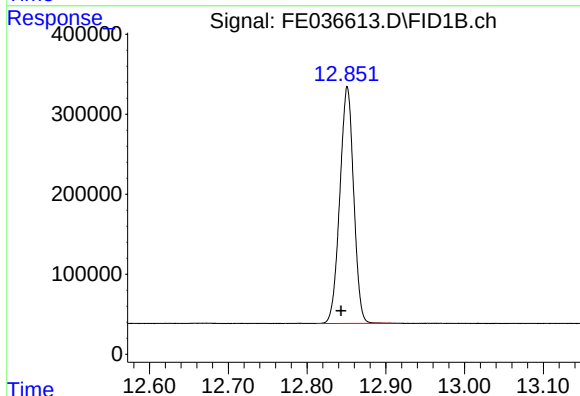
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: 0.010 min
Response: 3968833
Conc: 21.31 ug/ml

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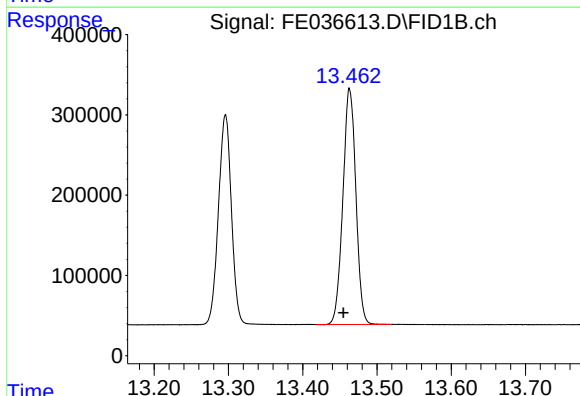
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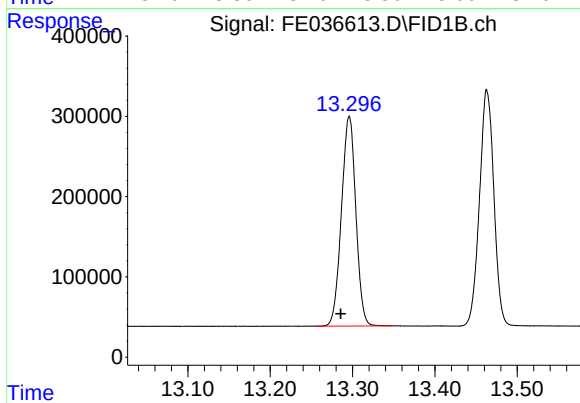
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: 0.008 min
Response: 3615809
Conc: 21.26 ug/ml



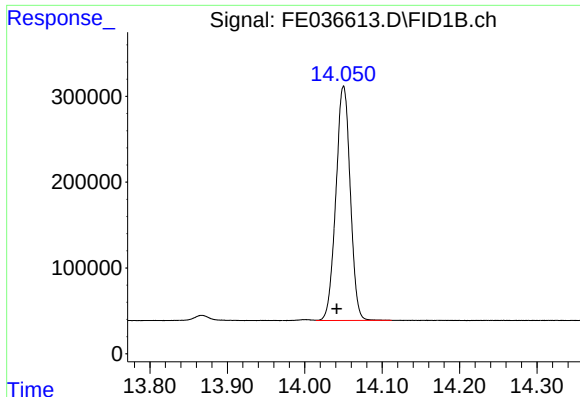
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.008 min
Response: 3579102
Conc: 20.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: 0.011 min
Response: 3173787
Conc: 20.86 ug/ml



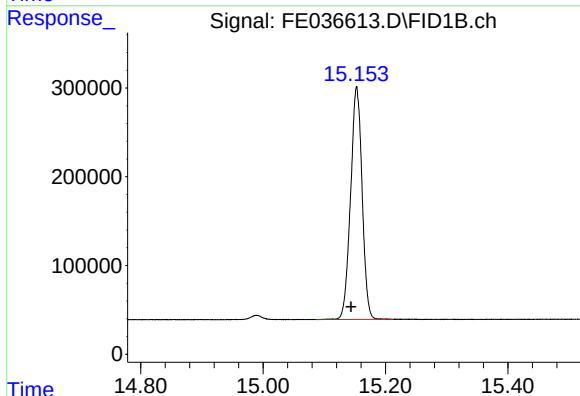
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.009 min
Response: 3527127
Conc: 20.66 ug/ml

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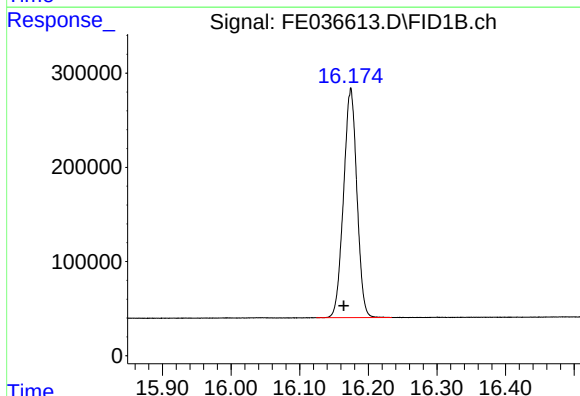
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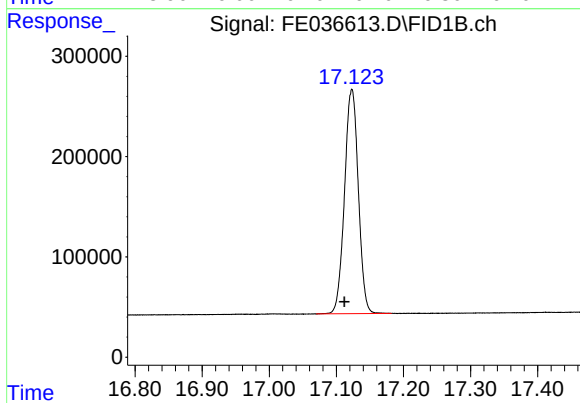
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: 0.009 min
Response: 3421372
Conc: 20.07 ug/ml



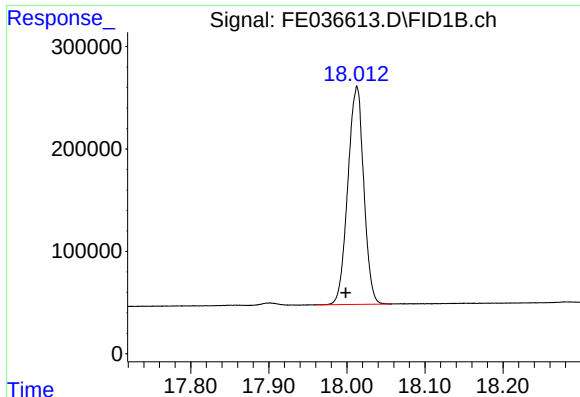
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: 0.010 min
Response: 3284682
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: 0.011 min
Response: 3196471
Conc: 19.57 ug/ml



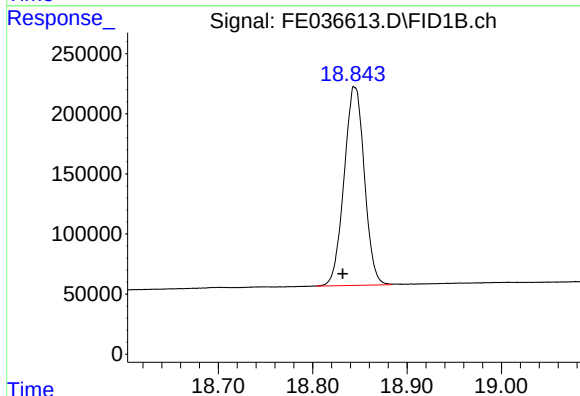
#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: 0.014 min
Response: 3016582
Conc: 19.85 ug/ml

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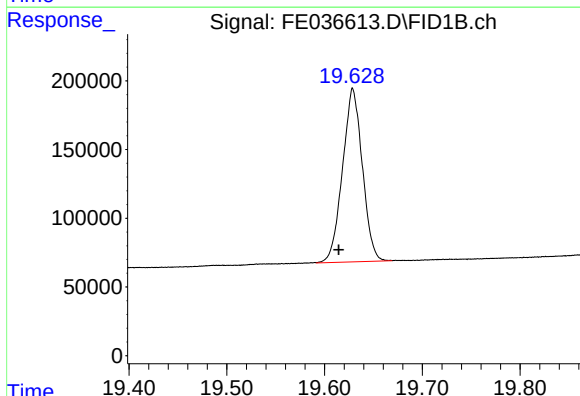
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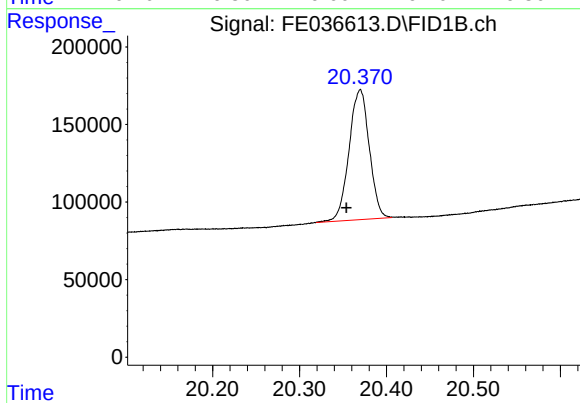
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.011 min
Response: 2466107
Conc: 20.50 ug/ml m



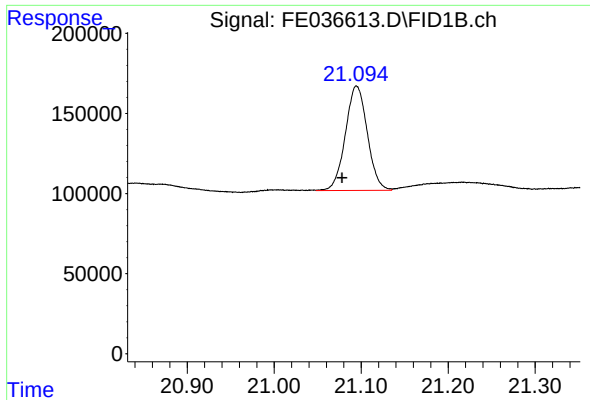
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: 0.014 min
Response: 1778061
Conc: 21.35 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: 0.016 min
Response: 1356158
Conc: 23.10 ug/ml m



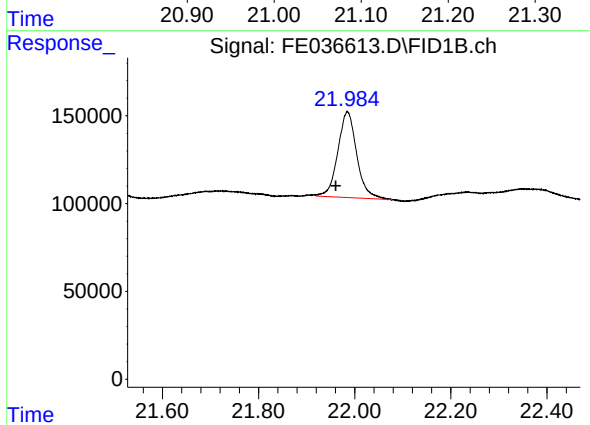
#21 n-Octatriacontane (C38)

R.T.: 21.094 min
Delta R.T.: 0.016 min
Response: 1141096
Conc: 22.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.024 min
Response: 1336658
Conc: 25.88 ug/ml m