

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036782.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2022 14:04
 Operator : YP\AJ
 Sample : N3927-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RVE-80MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 04:29:39 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)	11.838	5753623	30.892 ug/ml
Spiked Amount 50.000		Recovery =	61.78%
12) S 1-chlorooctadecane (S...	13.277	4551530	29.916 ug/ml
Spiked Amount 50.000		Recovery =	59.83%
Target Compounds			
1) T n-Nonane (C9)	3.232	4395781	28.515 ug/ml
2) T n-Decane (C10)	4.484	5101869	33.097 ug/ml
3) T A~Naphthalene (C11.7)	6.182	6428155	37.617 ug/ml
4) T n-Dodecane (C12)	6.650	5788737	36.858 ug/ml
5) T A~2-methylnaphthalene...	7.278	6507102	37.861 ug/ml
6) T n-Tetradecane (C14)	8.478	6084897	37.272 ug/ml
7) T n-Hexadecane (C16)	10.083	6435263	39.043 ug/ml
8) T n-Octadecane (C18)	11.525	6960843	40.958 ug/ml
10) T n-Eicosane (C20)	12.834	6799484	39.973 ug/ml
11) T n-Heneicosane (C21)	13.445	6753321	39.458 ug/ml
13) T n-Docosane (C22)	14.033	6659952	39.008 ug/ml
14) T n-Tetracosane (C24)	15.134	5763903	33.813 ug/ml
15) T n-Hexacosane (C26)	16.157	6356359	38.019 ug/ml
16) T n-Octacosane (C28)	17.105	6201744	37.971 ug/ml
17) T n-Tricontane (C30)	17.995	5952023	39.168 ug/ml
18) T n-Dotriacontane (C32)	18.828	5911153	49.149 ug/ml
19) T n-Tetratriacontane (C34)	19.610	5236192	62.877 ug/ml
20) T n-Hexatriacontane (C36)	20.355	6012408	102.396 ug/mlm
21) T n-Octatriacontane (C38)	21.074	4321593	86.195 ug/ml
22) T n-Tetracontane (C40)	21.955	4259323	82.478 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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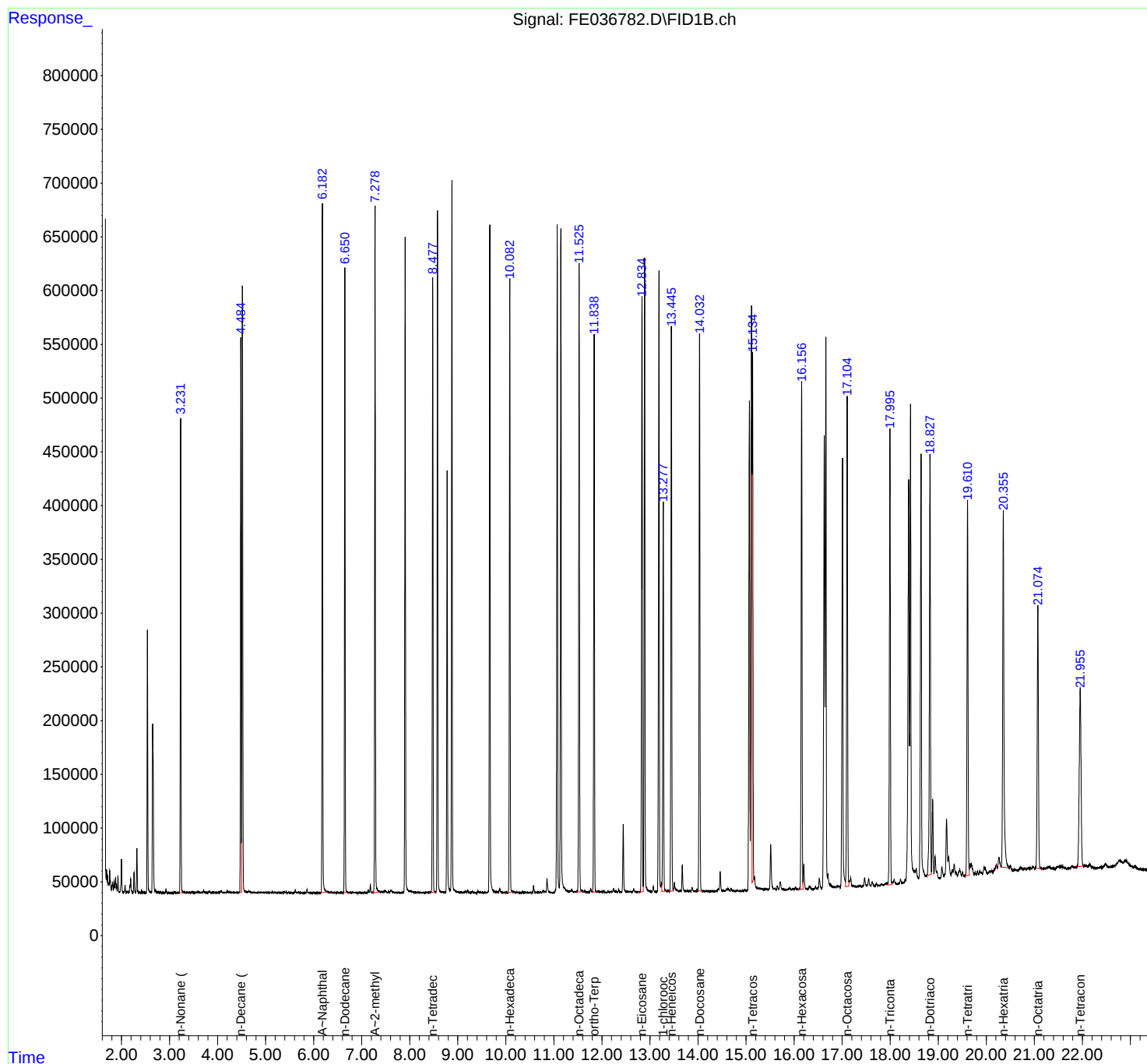
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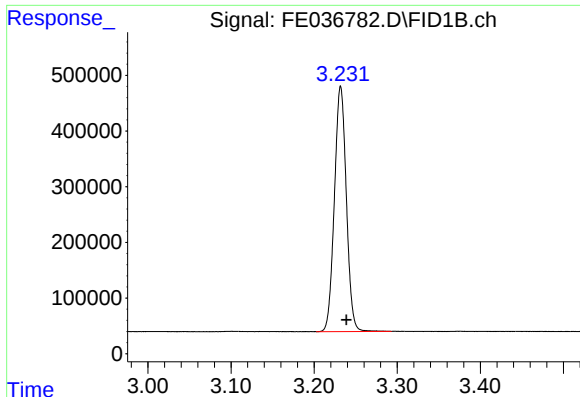
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#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.007 min
Response: 4395781
Conc: 28.51 ug/ml

Instrument :

FID_E

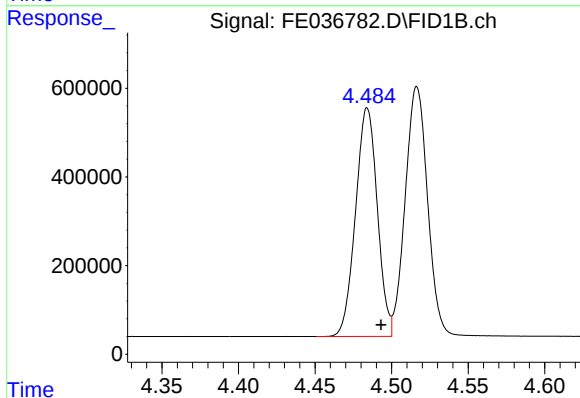
ClientSampleId :

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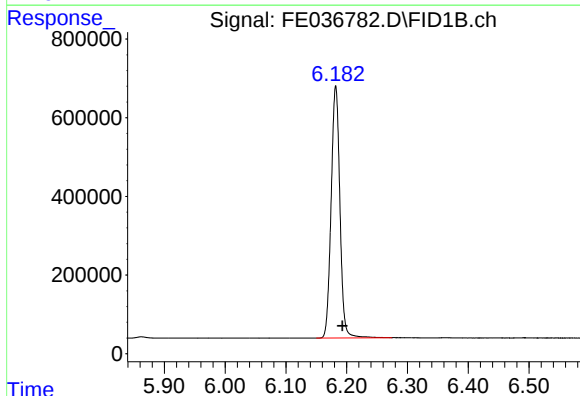
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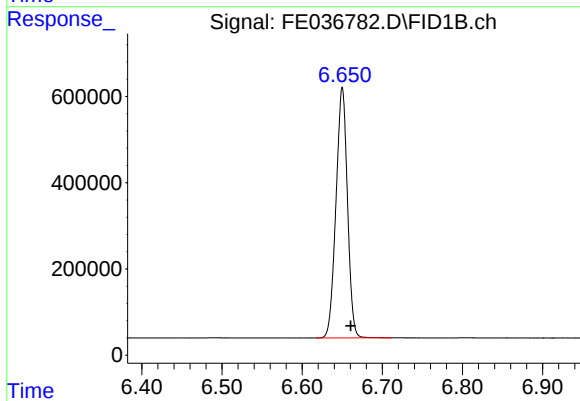
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.009 min
Response: 5101869
Conc: 33.10 ug/ml



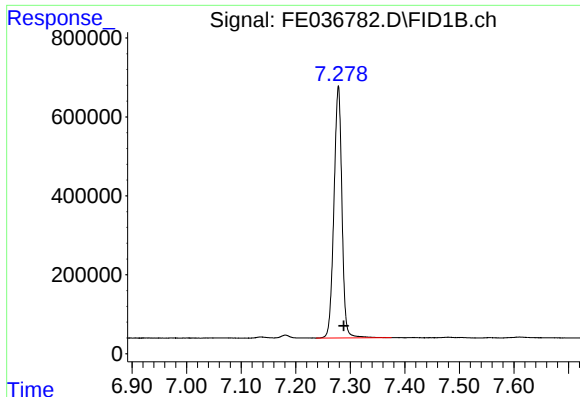
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.011 min
Response: 6428155
Conc: 37.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: -0.011 min
Response: 5788737
Conc: 36.86 ug/ml



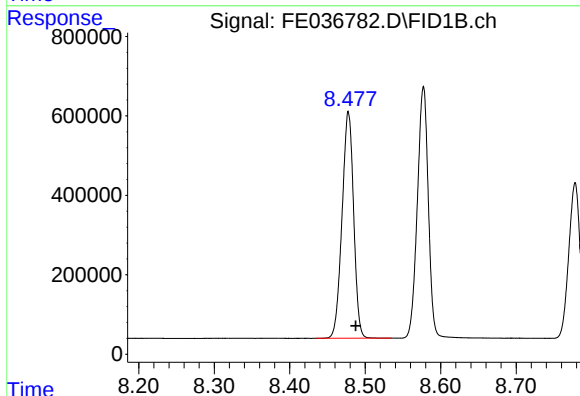
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.010 min
Response: 6507102
Conc: 37.86 ug/ml

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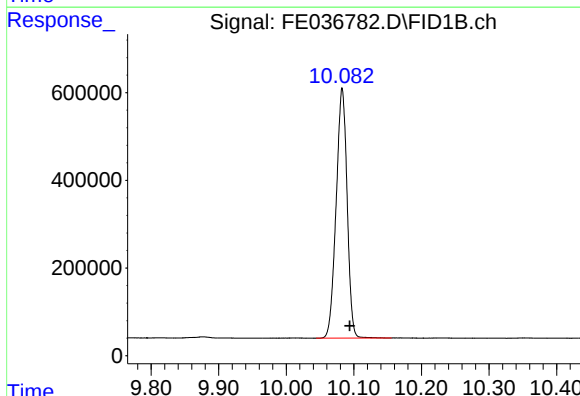
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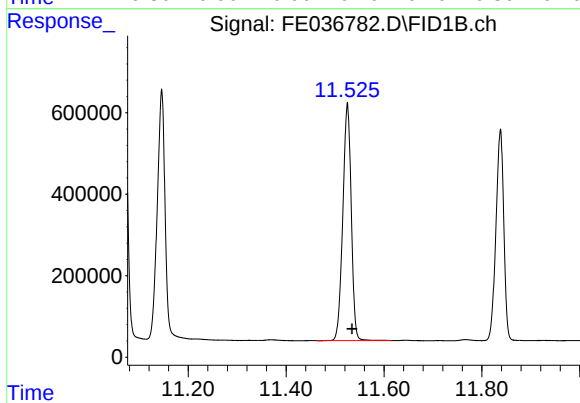
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.010 min
Response: 6084897
Conc: 37.27 ug/ml



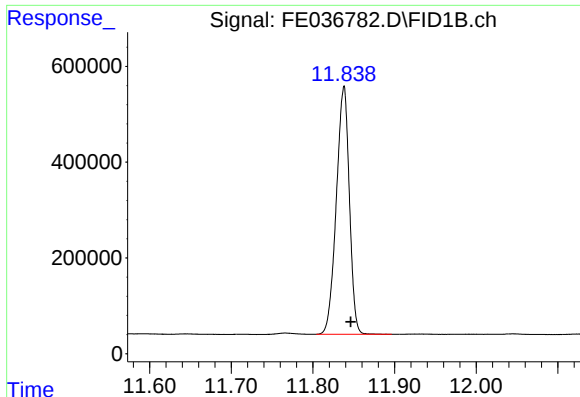
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.011 min
Response: 6435263
Conc: 39.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.009 min
Response: 6960843
Conc: 40.96 ug/ml



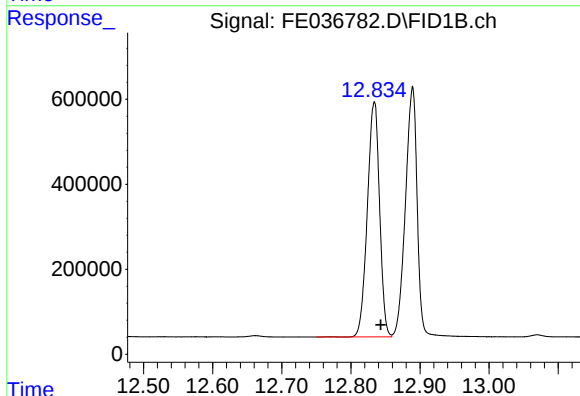
#9 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: -0.008 min
Response: 5753623
Conc: 30.89 ug/ml

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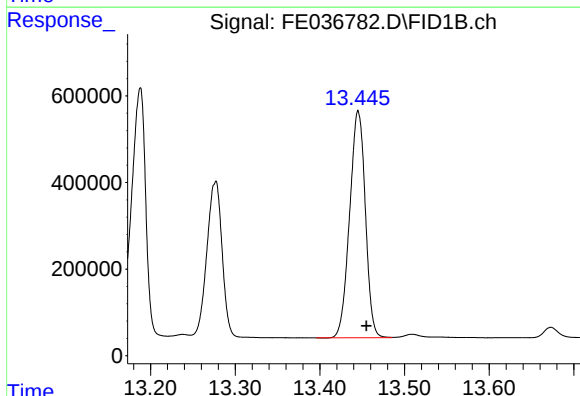
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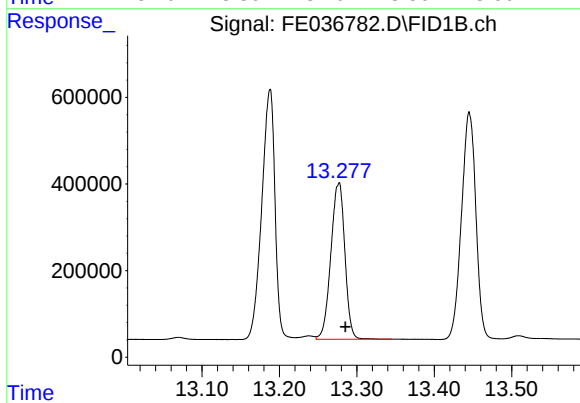
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.009 min
Response: 6799484
Conc: 39.97 ug/ml



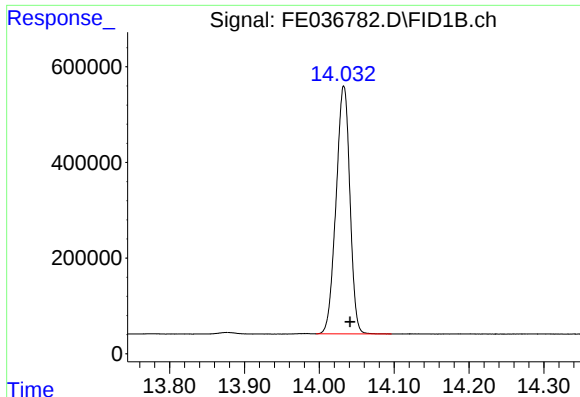
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.010 min
Response: 6753321
Conc: 39.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.009 min
Response: 4551530
Conc: 29.92 ug/ml



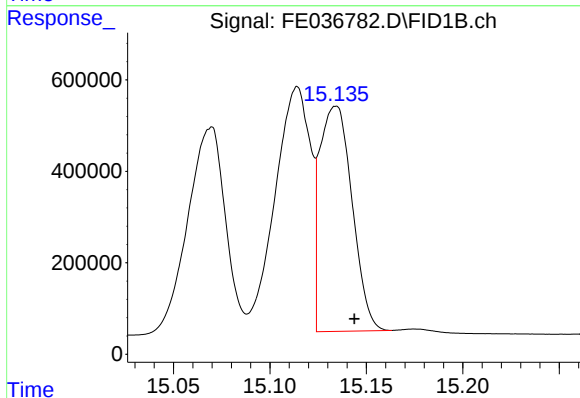
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.008 min
Response: 6659952
Conc: 39.01 ug/ml

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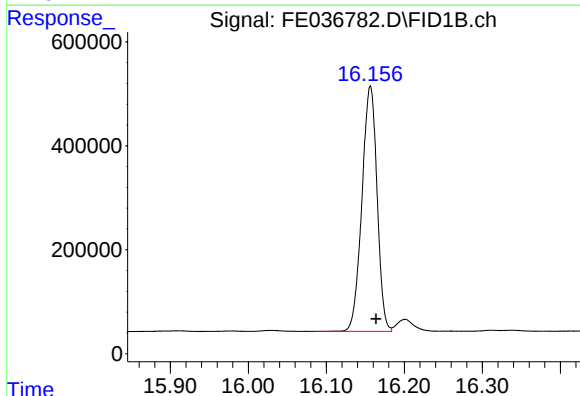
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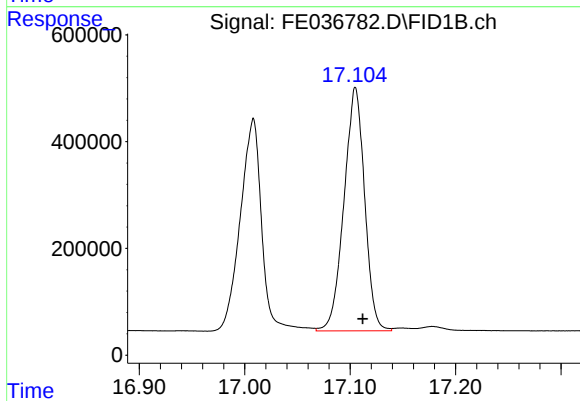
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.010 min
Response: 5763903
Conc: 33.81 ug/ml



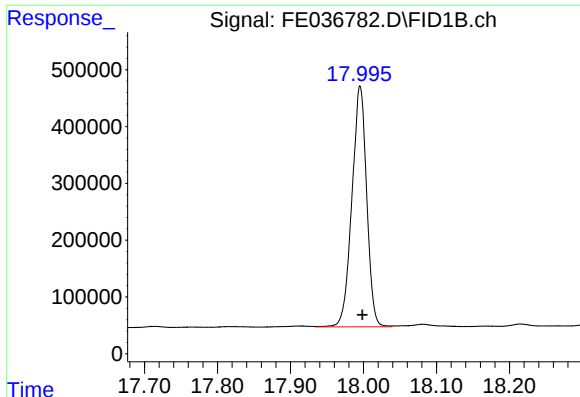
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 6356359
Conc: 38.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.007 min
Response: 6201744
Conc: 37.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.003 min
Response: 5952023
Conc: 39.17 ug/ml

Instrument :

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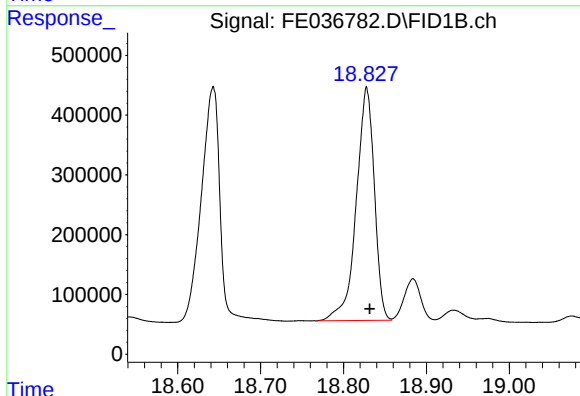
ClientSampleId :

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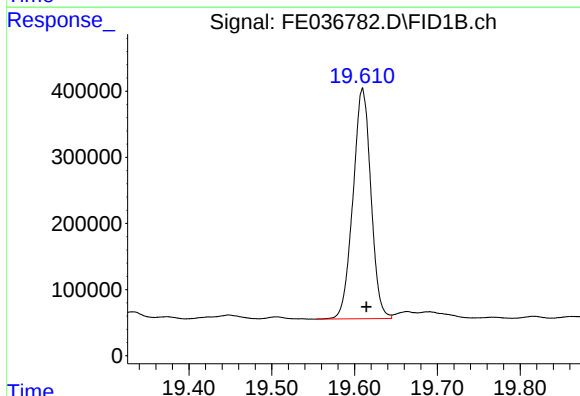
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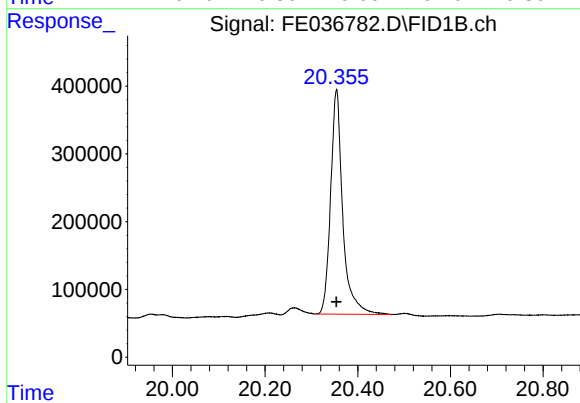
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.004 min
Response: 5911153
Conc: 49.15 ug/ml



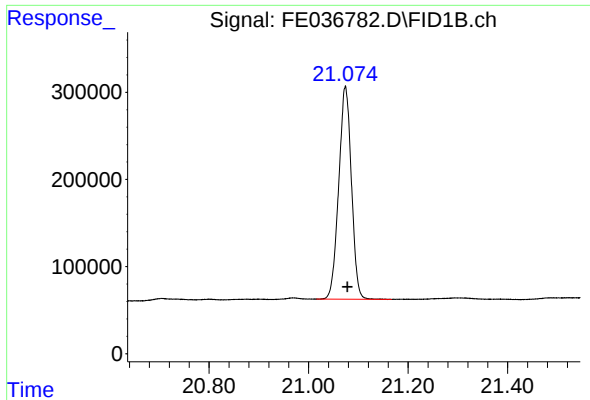
#19 n-Tetratriacontane (C34)

R.T.: 19.610 min
Delta R.T.: -0.005 min
Response: 5236192
Conc: 62.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: 0.000 min
Response: 6012408
Conc: 102.40 ug/ml m



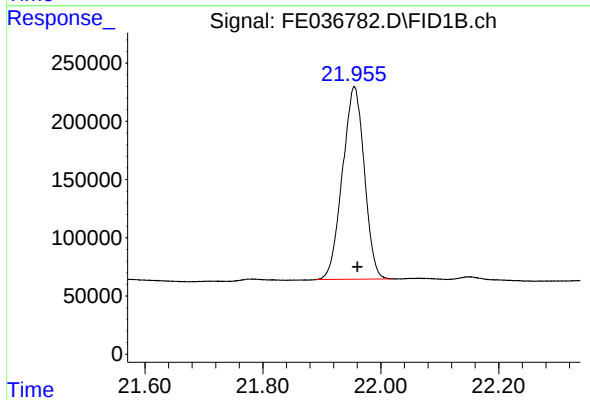
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.004 min
Response: 4321593
Conc: 86.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.006 min
Response: 4259323
Conc: 82.48 ug/ml m