

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041483.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2023 18:15
 Operator : YP\AJ
 Sample : 02426-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-3-041923MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 22 04:05:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.975	4607822	24.561 ug/ml
Spiked Amount 50.000		Recovery =	49.12%
12) S 1-chlorooctadecane (S...	13.411	3745754	26.515 ug/ml
Spiked Amount 50.000		Recovery =	53.03%
Target Compounds			
1) T n-Nonane (C9)	3.358	3765406	25.616 ug/ml
2) T n-Decane (C10)	4.609	4133770	27.562 ug/ml
3) T A~Naphthalene (C11.7)	6.311	4803947	29.029 ug/ml
4) T n-Dodecane (C12)	6.776	4547415	29.909 ug/ml
5) T A~2-methylnaphthalene...	7.408	4832660	29.971 ug/ml
6) T n-Tetradecane (C14)	8.606	5068128	33.364 ug/ml
7) T n-Hexadecane (C16)	10.214	5338983	33.456 ug/ml
8) T n-Octadecane (C18)	11.658	5475391	33.404 ug/ml
10) T n-Eicosane (C20)	12.967	5436149	33.797 ug/ml
11) T n-Heneicosane (C21)	13.580	5371511	33.705 ug/ml
13) T n-Docosane (C22)	14.165	5283315	33.160 ug/ml
14) T n-Tetracosane (C24)	15.268	4673630	28.989 ug/ml
15) T n-Hexacosane (C26)	16.290	4952488	31.326 ug/ml
16) T n-Octacosane (C28)	17.238	4946480	32.147 ug/ml
17) T n-Tricontane (C30)	18.127	4767803	31.305 ug/ml
18) T n-Dotriacontane (C32)	18.959	4565761	30.647 ug/ml
19) T n-Tetratriacontane (C34)	19.742	4434413	31.477 ug/ml
20) T n-Hexatriacontane (C36)	20.481	4028212	30.122 ug/mlm
21) T n-Octatriacontane (C38)	21.232	4119861	31.179 ug/ml
22) T n-Tetracontane (C40)	22.170	3943927	31.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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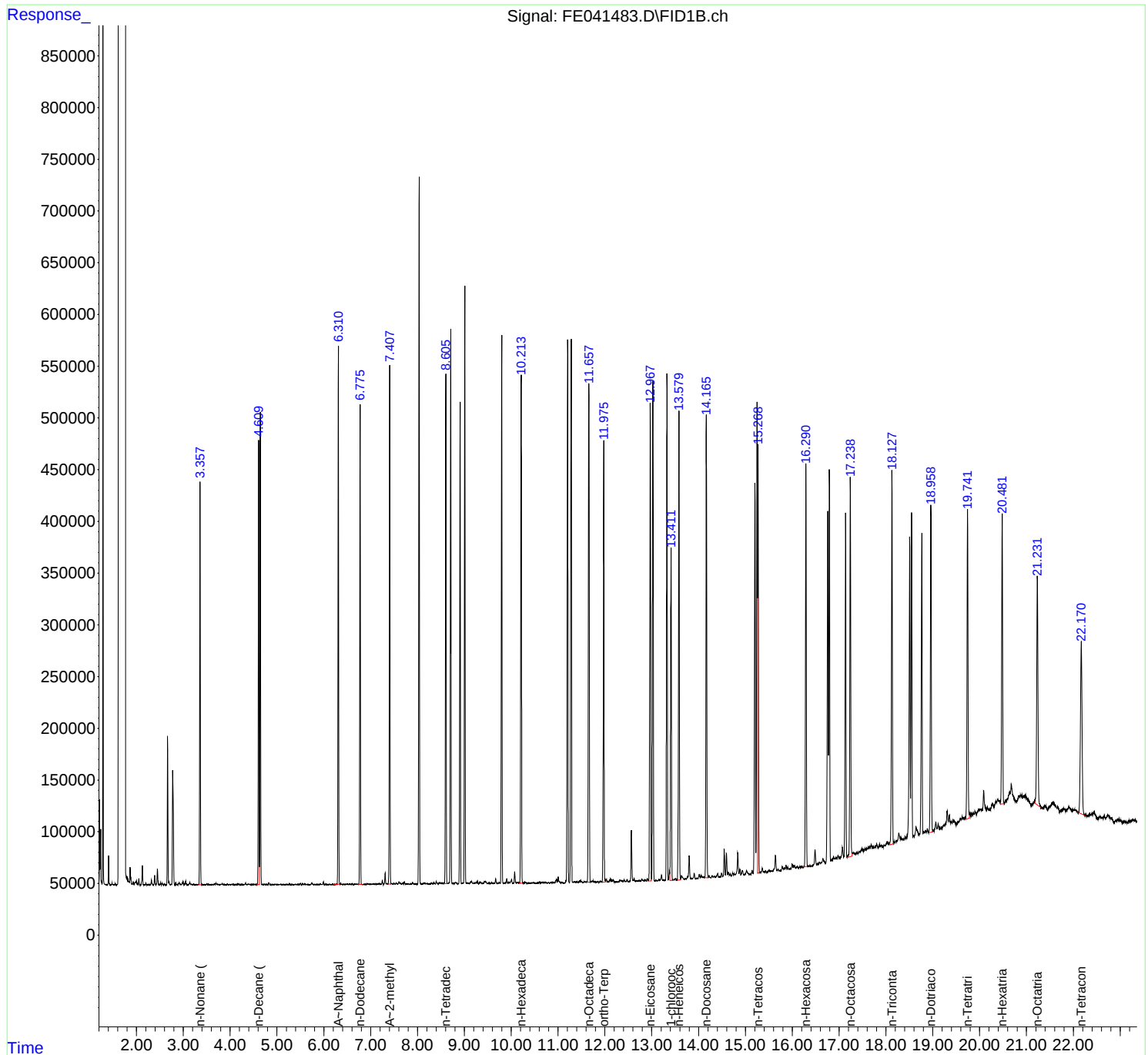
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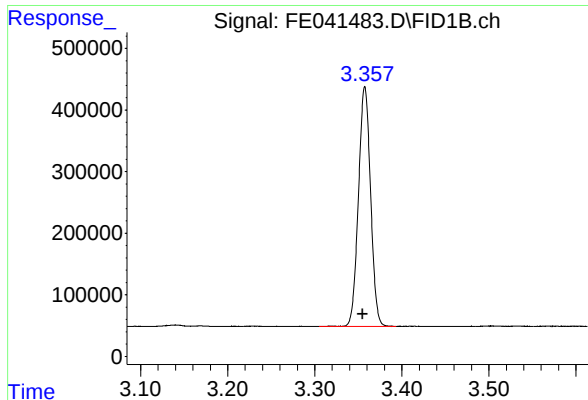
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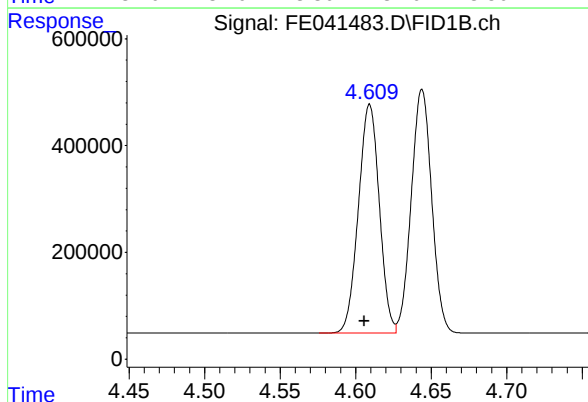
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.003 min
Response: 3765406
Conc: 25.62 ug/ml

Instrument :
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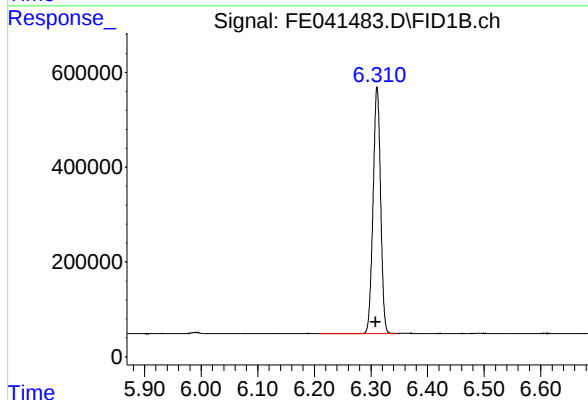
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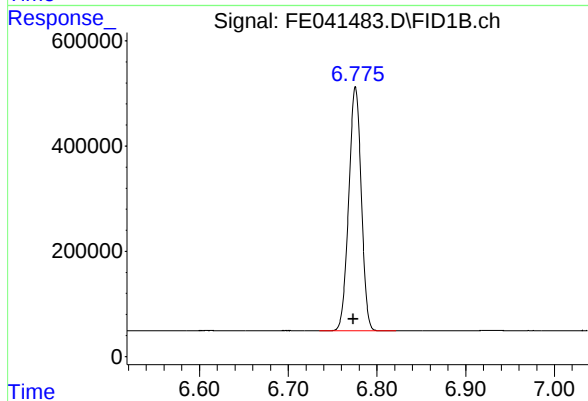
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 4133770
Conc: 27.56 ug/ml



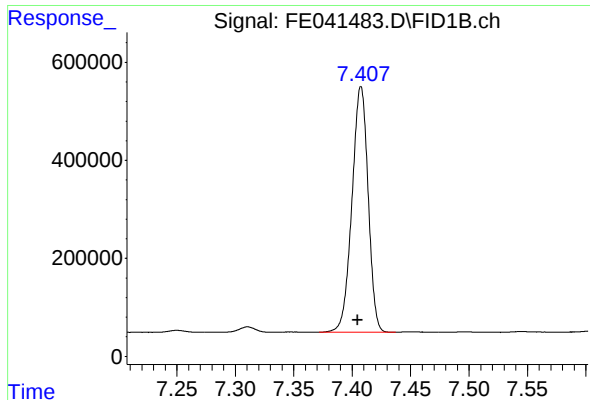
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: 0.003 min
Response: 4803947
Conc: 29.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 4547415
Conc: 29.91 ug/ml



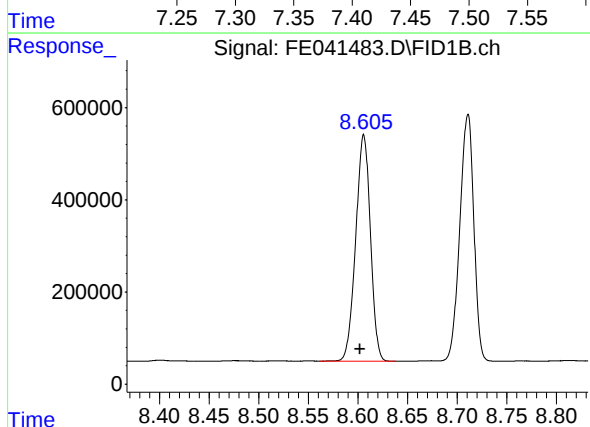
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: 0.003 min
Response: 4832660
Conc: 29.97 ug/ml

Instrument :
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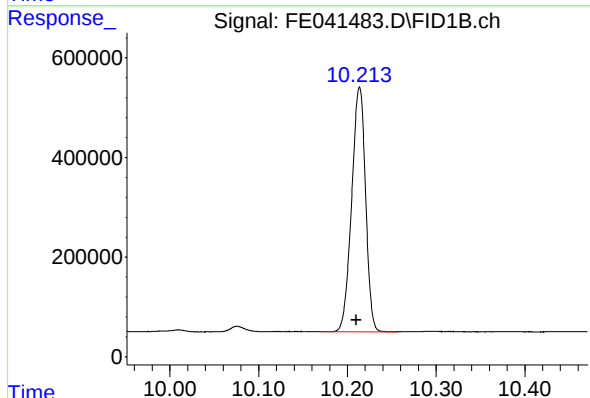
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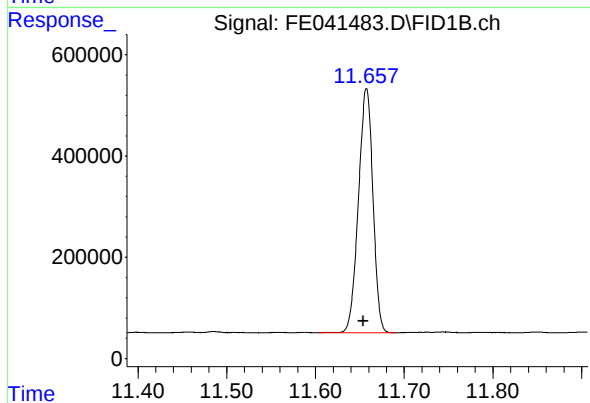
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.004 min
Response: 5068128
Conc: 33.36 ug/ml



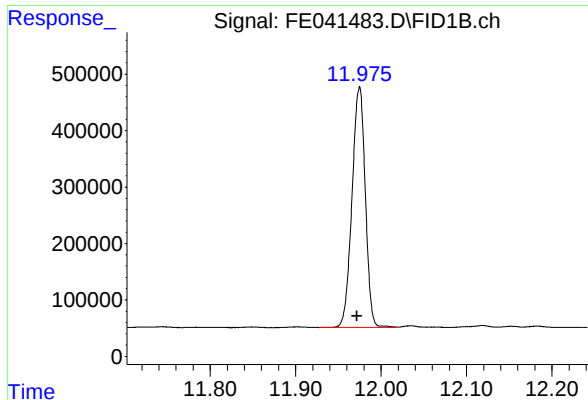
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.004 min
Response: 5338983
Conc: 33.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.004 min
Response: 5475391
Conc: 33.40 ug/ml



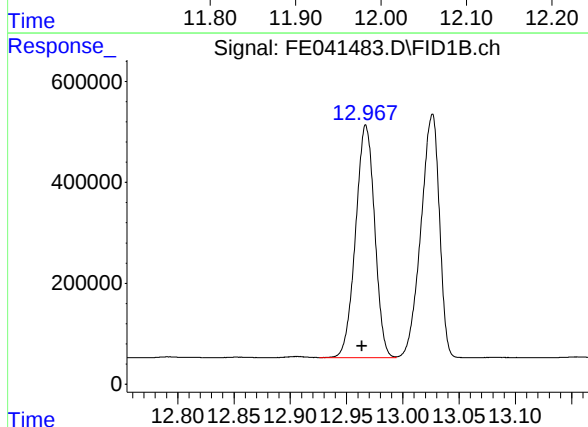
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.003 min
Response: 4607822
Conc: 24.56 ug/ml

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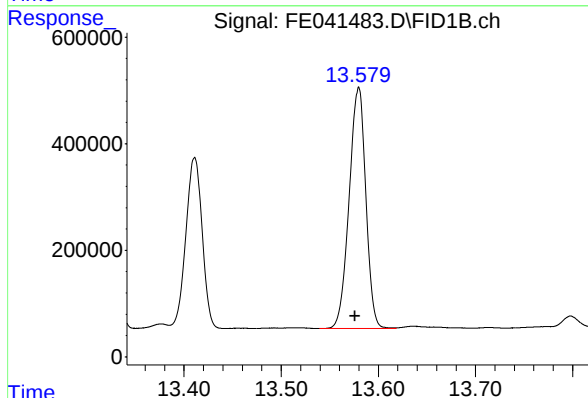
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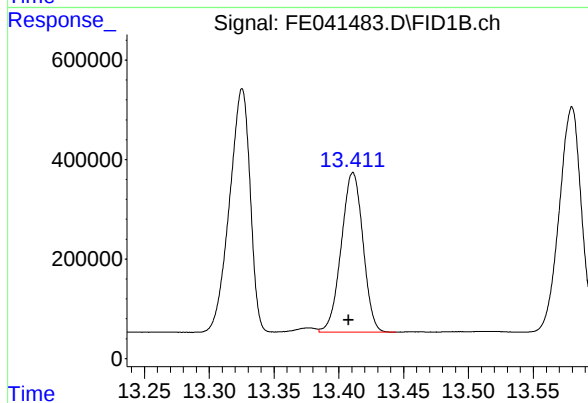
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.004 min
Response: 5436149
Conc: 33.80 ug/ml



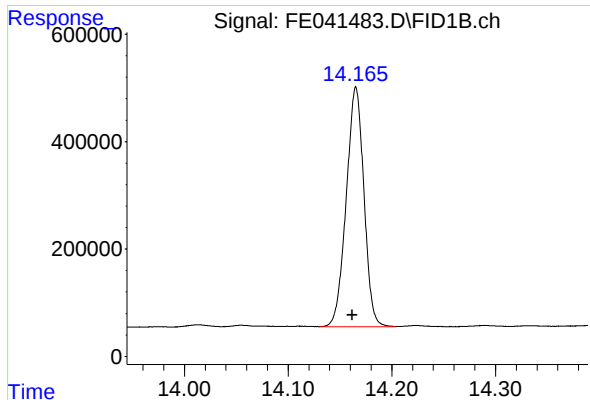
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.004 min
Response: 5371511
Conc: 33.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.003 min
Response: 3745754
Conc: 26.51 ug/ml



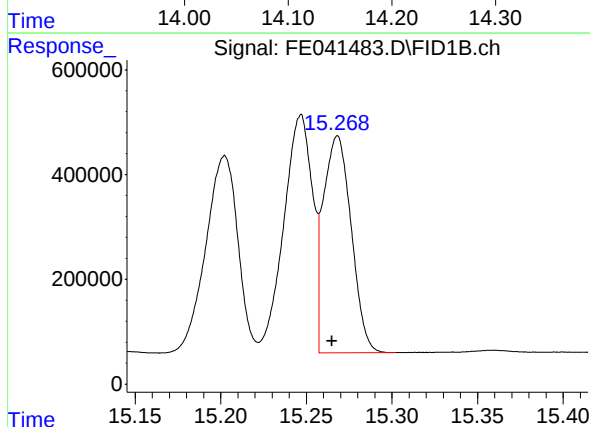
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: 0.003 min
Response: 5283315
Conc: 33.16 ug/ml

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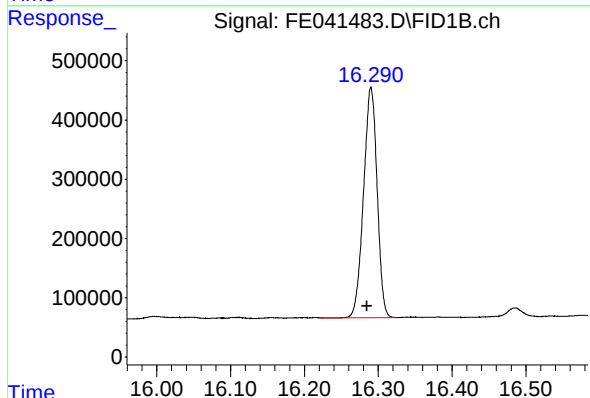
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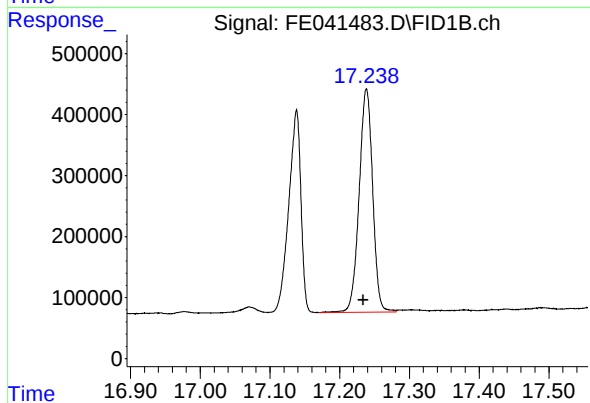
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.003 min
Response: 4673630
Conc: 28.99 ug/ml



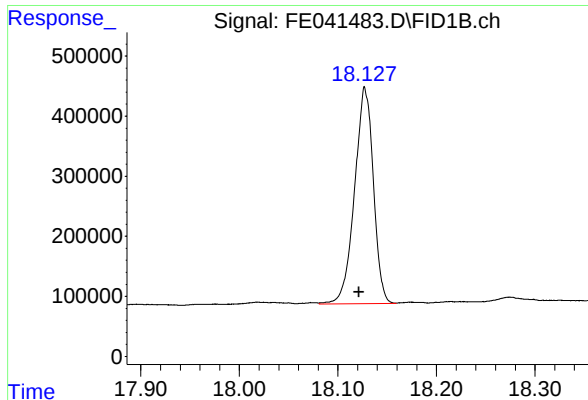
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.005 min
Response: 4952488
Conc: 31.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.004 min
Response: 4946480
Conc: 32.15 ug/ml



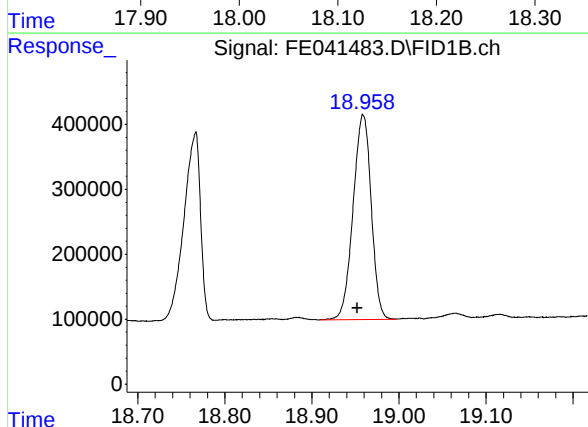
#17 n-Tricontane (C30)

R.T.: 18.127 min
Delta R.T.: 0.006 min
Response: 4767803
Conc: 31.30 ug/ml

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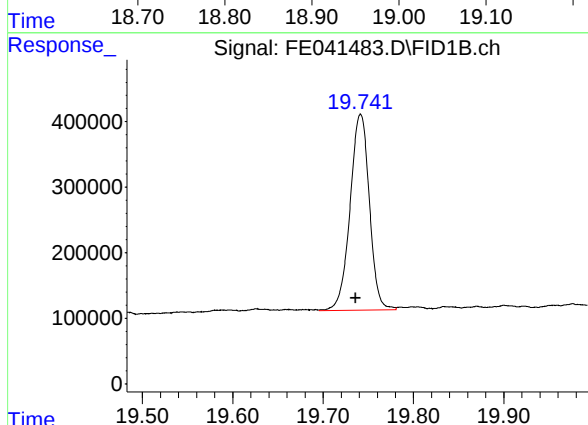
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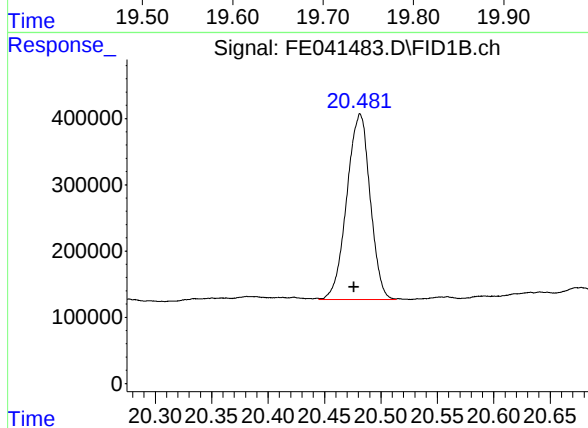
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: 0.007 min
Response: 4565761
Conc: 30.65 ug/ml



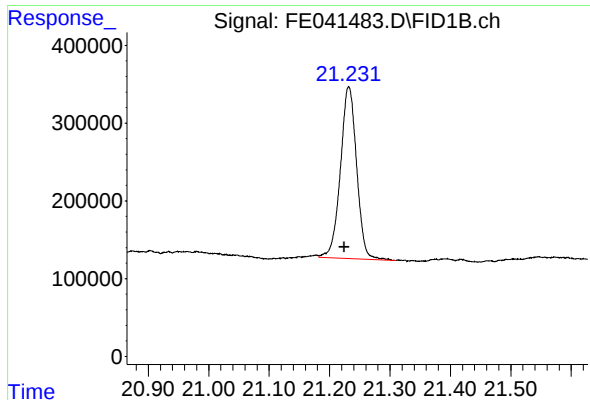
#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.006 min
Response: 4434413
Conc: 31.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.005 min
Response: 4028212
Conc: 30.12 ug/ml m



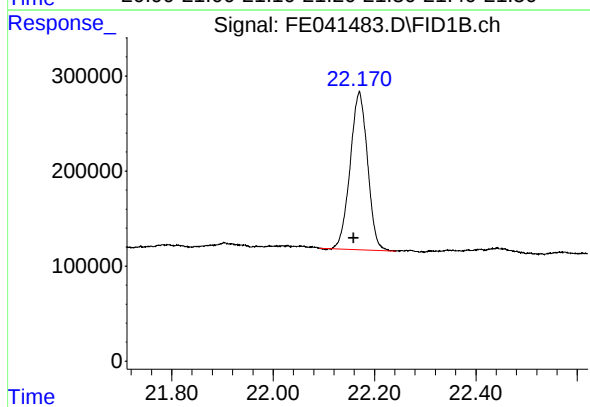
#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.007 min
Response: 4119861
Conc: 31.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.170 min
Delta R.T.: 0.011 min
Response: 3943927
Conc: 31.15 ug/ml