

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723AL\
 Data File : FE041221.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2023 12:25
 Operator : YP\AJ
 Sample : PB151957BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB151957BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 01:00:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.843	6159274	32.773 ug/ml
Spiked Amount 50.000		Recovery =	65.55%
12) S 1-chlorooctadecane (S...	13.281	5082661	35.326 ug/ml
Spiked Amount 50.000		Recovery =	70.65%
Target Compounds			
1) T n-Nonane (C9)	3.264	6238107	35.952 ug/ml
2) T n-Decane (C10)	4.500	6337389	37.231 ug/ml
3) T A~Naphthalene (C11.7)	6.193	6524198	35.669 ug/ml
4) T n-Dodecane (C12)	6.655	6505536	37.504 ug/ml
5) T A~2-methylnaphthalene...	7.287	6095316	36.804 ug/ml
6) T n-Tetradecane (C14)	8.481	6400115	36.705 ug/ml
7) T n-Hexadecane (C16)	10.086	6440548	36.213 ug/ml
8) T n-Octadecane (C18)	11.528	6312472	35.354 ug/ml
10) T n-Eicosane (C20)	12.838	6154158	36.079 ug/ml
11) T n-Heneicosane (C21)	13.449	5808778	34.334 ug/ml
13) T n-Docosane (C22)	14.036	5697923	34.432 ug/ml
14) T n-Tetracosane (C24)	15.134	11250555	69.540 ug/ml
15) T n-Hexacosane (C26)	16.162	5484514	35.380 ug/ml
16) T n-Octacosane (C28)	17.112	5726972	37.387 ug/ml
17) T n-Tricontane (C30)	18.003	5537885	36.230 ug/ml
18) T n-Dotriacontane (C32)	18.834	5297939	33.933 ug/ml
19) T n-Tetratriacontane (C34)	19.621	5311684	34.276 ug/mlm
20) T n-Hexatriacontane (C36)	20.360	4816908	31.711 ug/ml
21) T n-Octatriacontane (C38)	21.087	4352440	27.861 ug/mlm
22) T n-Tetracontane (C40)	21.965	4102338	25.703 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

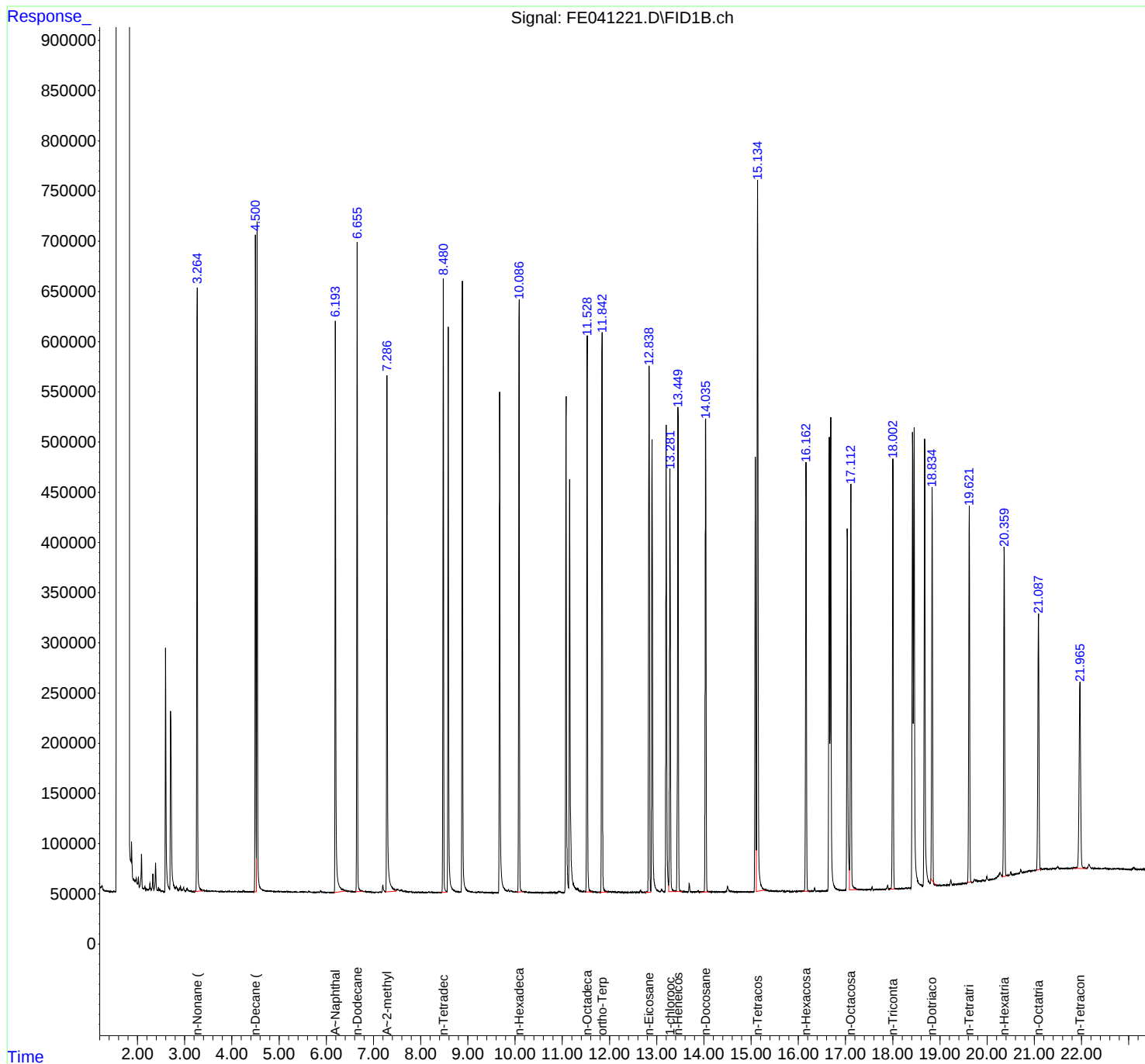
Response via : Initial Calibration

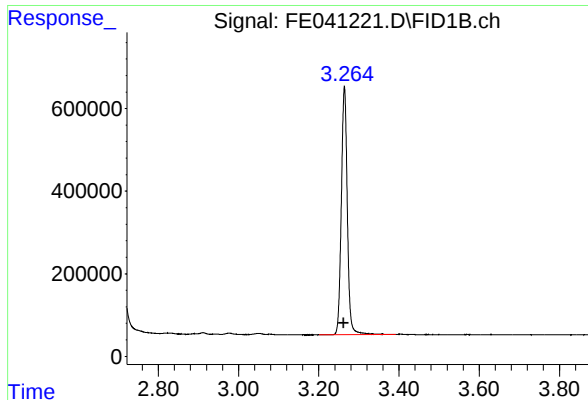
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 6238107
Conc: 35.95 ug/ml

Instrument :

FID_E

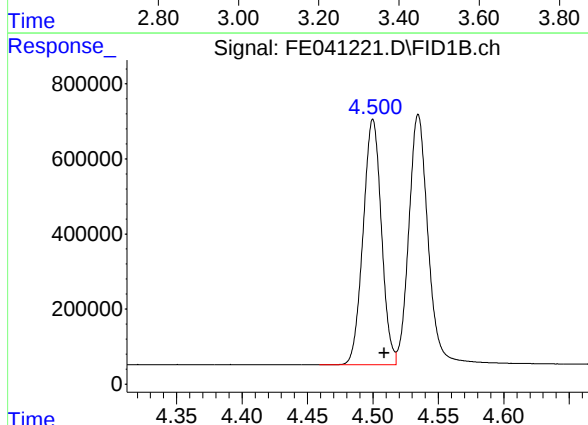
ClientSampleId :

PB151957BSD

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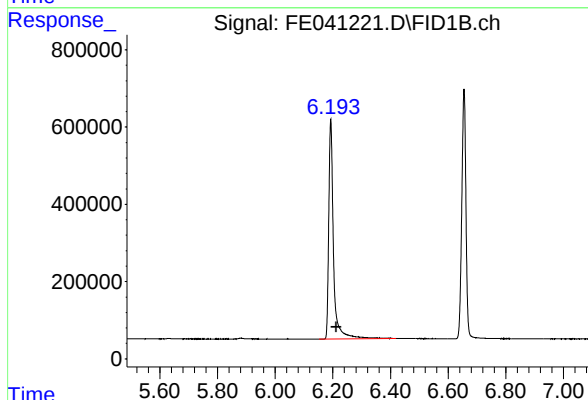
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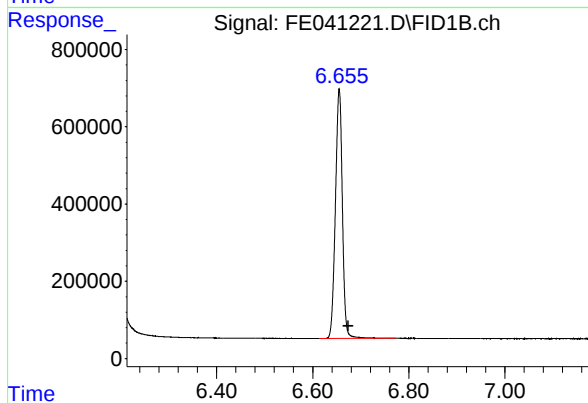
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.009 min
Response: 6337389
Conc: 37.23 ug/ml



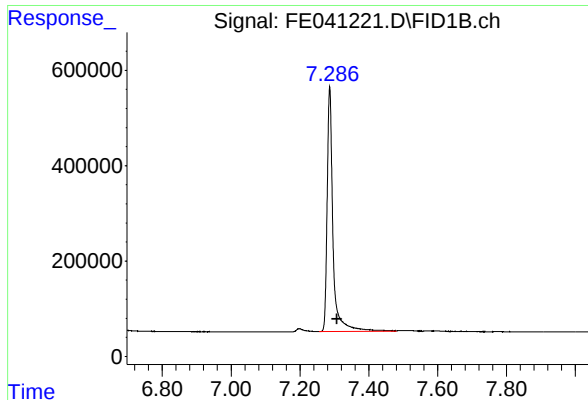
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: -0.019 min
Response: 6524198
Conc: 35.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.655 min
Delta R.T.: -0.018 min
Response: 6505536
Conc: 37.50 ug/ml



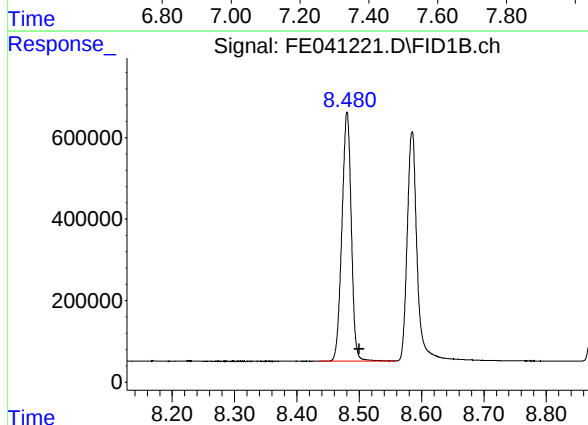
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.287 min
Delta R.T.: -0.021 min
Response: 6095316
Conc: 36.80 ug/ml

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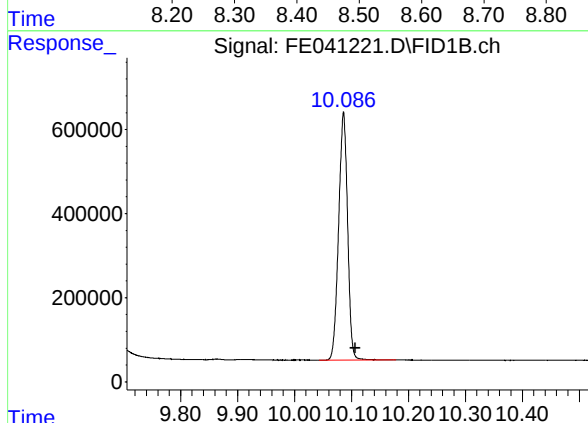
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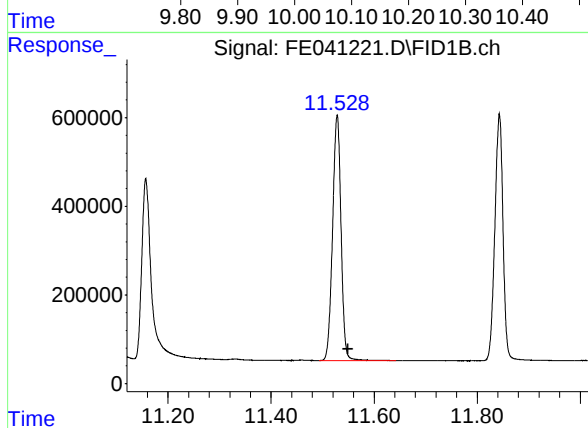
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: -0.020 min
Response: 6400115
Conc: 36.71 ug/ml



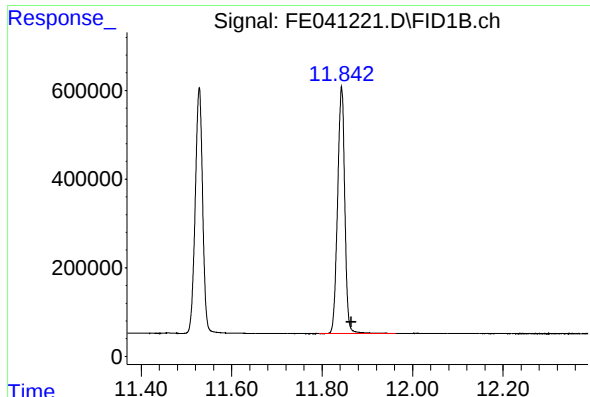
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.021 min
Response: 6440548
Conc: 36.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.021 min
Response: 6312472
Conc: 35.35 ug/ml



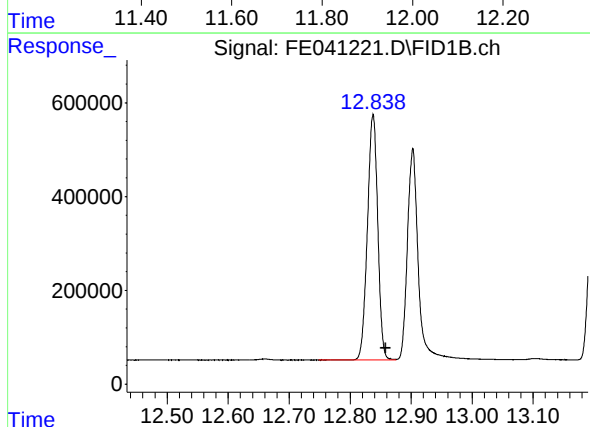
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.022 min
Response: 6159274
Conc: 32.77 ug/ml

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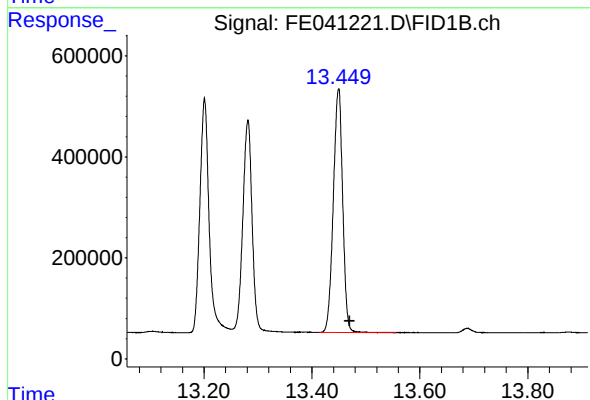
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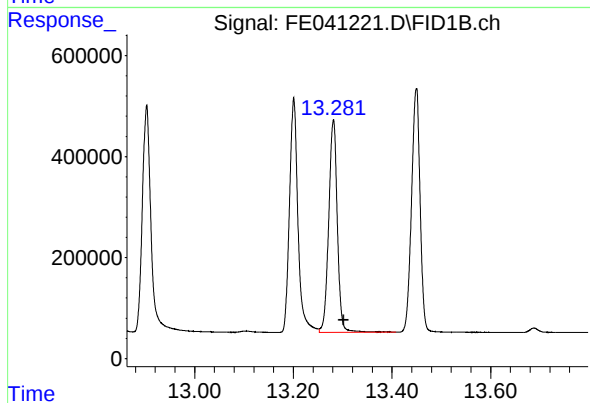
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.021 min
Response: 6154158
Conc: 36.08 ug/ml



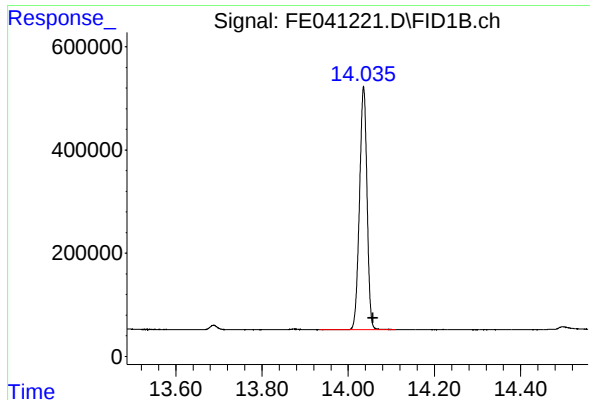
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.020 min
Response: 5808778
Conc: 34.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.281 min
Delta R.T.: -0.021 min
Response: 5082661
Conc: 35.33 ug/ml



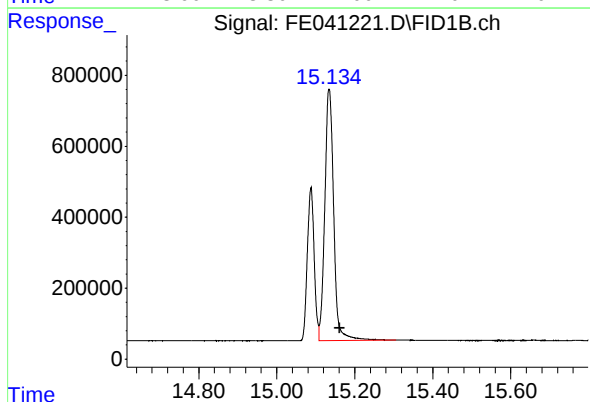
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.021 min
Response: 5697923
Conc: 34.43 ug/ml

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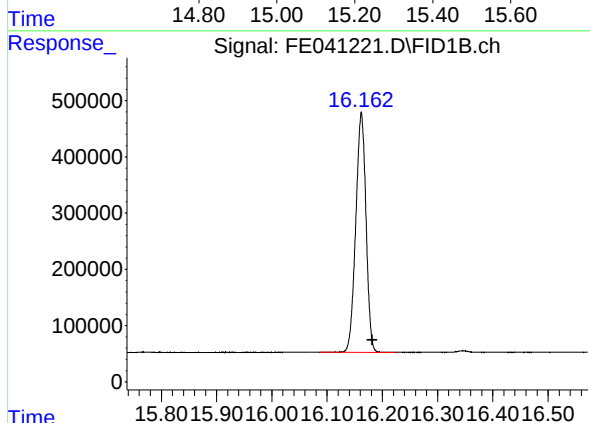
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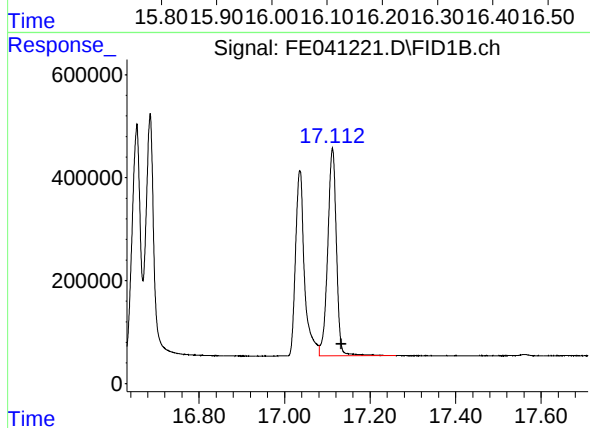
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.027 min
Response: 11250555
Conc: 69.54 ug/ml



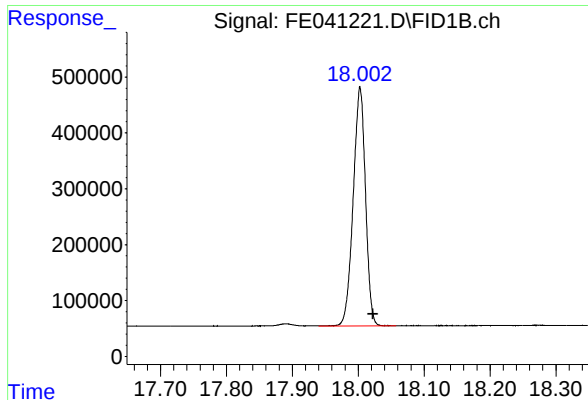
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.020 min
Response: 5484514
Conc: 35.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.112 min
Delta R.T.: -0.021 min
Response: 5726972
Conc: 37.39 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.019 min
Response: 5537885
Conc: 36.23 ug/ml

Instrument :

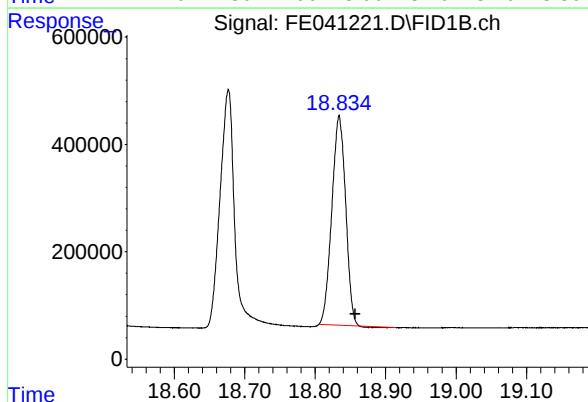
FID_E

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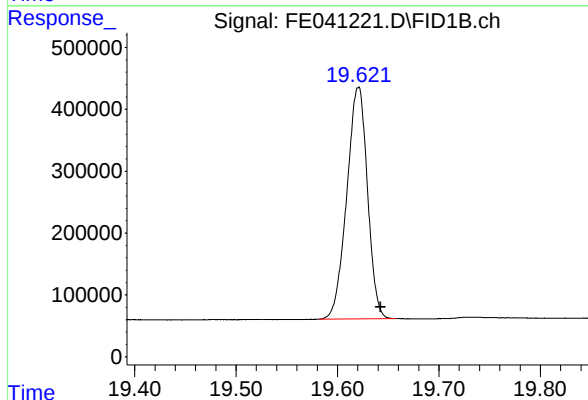
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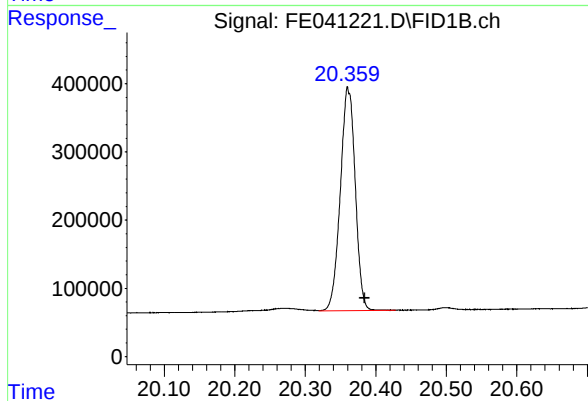
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.023 min
Response: 5297939
Conc: 33.93 ug/ml



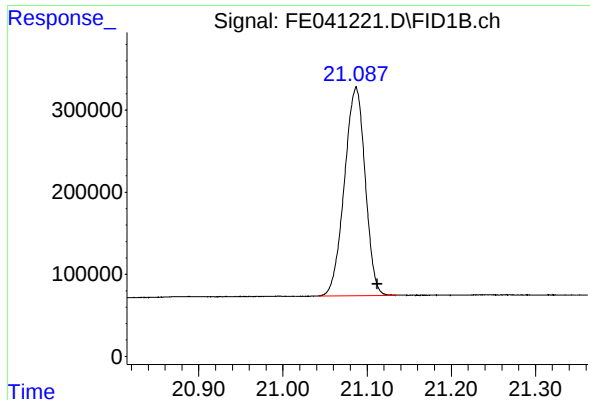
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.021 min
Response: 5311684
Conc: 34.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.024 min
Response: 4816908
Conc: 31.71 ug/ml



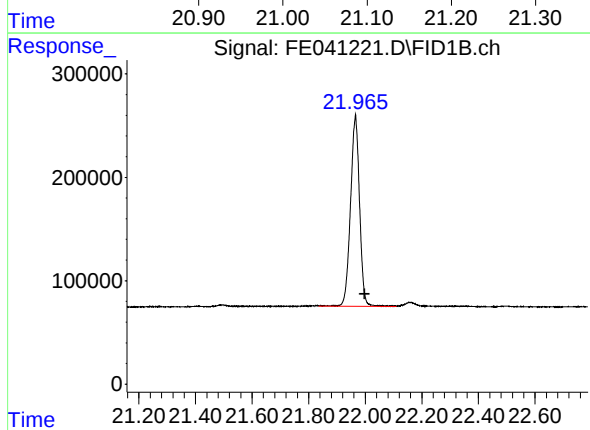
#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: -0.026 min
Response: 4352440
Conc: 27.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.033 min
Response: 4102338
Conc: 25.70 ug/ml