

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090222AL\
 Data File : FE037408.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2022 19:00
 Operator : YP\AJ
 Sample : N4486-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 00:56:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.641	5027310	29.749 ug/ml
Spiked Amount 50.000		Recovery =	59.50%
12) S 1-chlorooctadecane (S...	13.063	3714922	28.865 ug/ml
Spiked Amount 50.000		Recovery =	57.73%
Target Compounds			
1) T n-Nonane (C9)	3.039	4753543	31.068 ug/ml
2) T n-Decane (C10)	4.296	5374144	34.857 ug/ml
3) T A~Naphthalene (C11.7)	6.007	5873880	40.771 ug/ml
4) T n-Dodecane (C12)	6.466	6030279	38.134 ug/ml
5) T A~2-methylnaphthalene...	7.099	6027784	43.175 ug/ml
6) T n-Tetradecane (C14)	9.886	7131461	45.007 ug/ml
7) T n-Hexadecane (C16)	9.886	7131461	45.007 ug/ml
8) T n-Octadecane (C18)	11.320	7348371	46.146 ug/ml
10) T n-Eicosane (C20)	12.624	7189254	45.438 ug/ml
11) T n-Heneicosane (C21)	13.232	7120242	45.154 ug/ml
13) T n-Docosane (C22)	13.815	6866048	44.107 ug/ml
14) T n-Tetracosane (C24)	14.911	12766934	84.884 ug/ml
15) T n-Hexacosane (C26)	15.930	6530620	45.100 ug/ml
16) T n-Octacosane (C28)	16.873	6571313	47.433 ug/ml
17) T n-Tricontane (C30)	17.758	6548685	48.141 ug/ml
18) T n-Dotriacontane (C32)	18.587	6971628	52.209 ug/ml
19) T n-Tetratriacontane (C34)	19.365	7133542	56.379 ug/ml
20) T n-Hexatriacontane (C36)	20.100	6140848	47.746 ug/ml
21) T n-Octatriacontane (C38)	20.796	6273246	50.404 ug/mlm
22) T n-Tetracontane (C40)	21.579	6452681	50.054 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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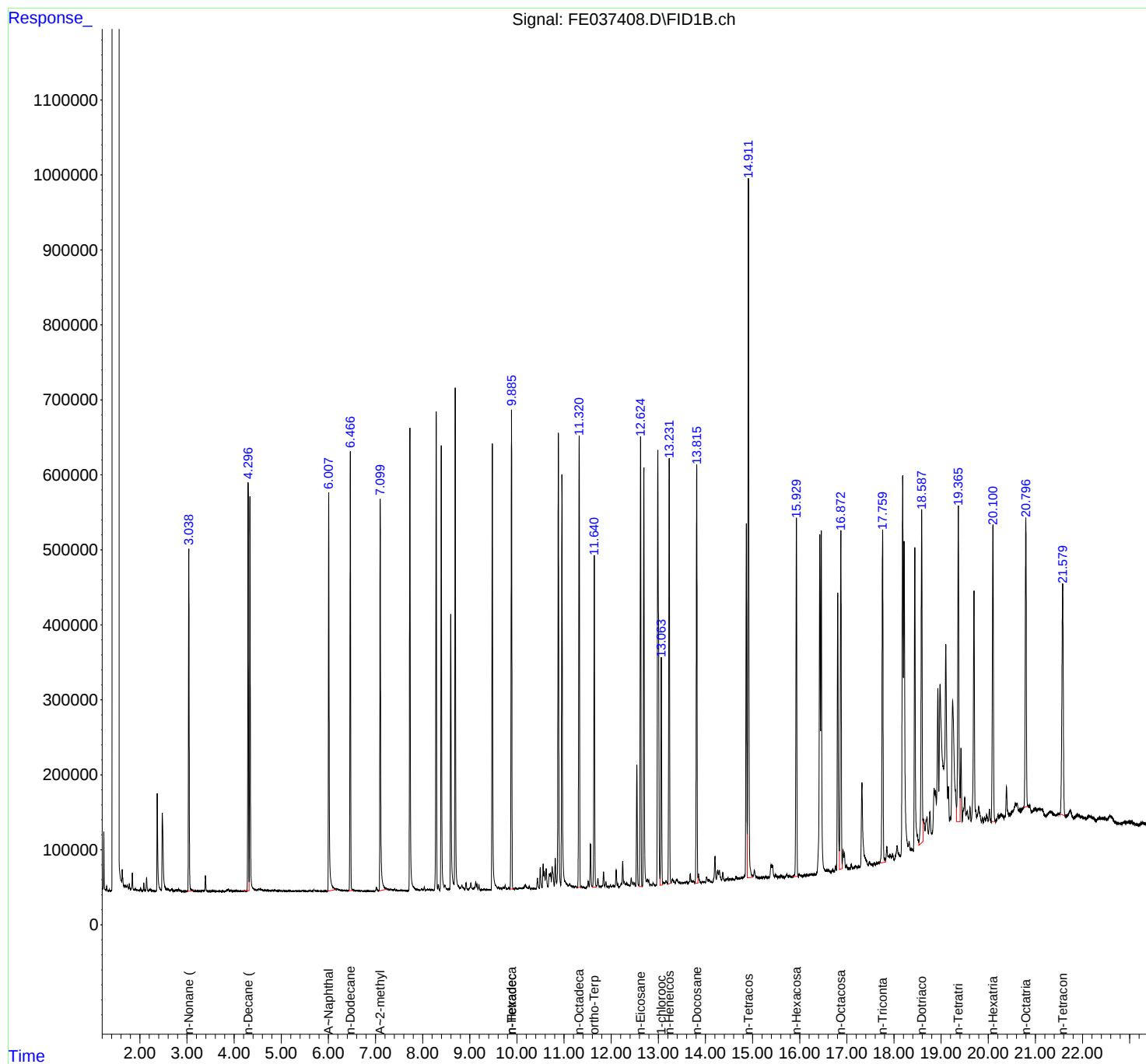
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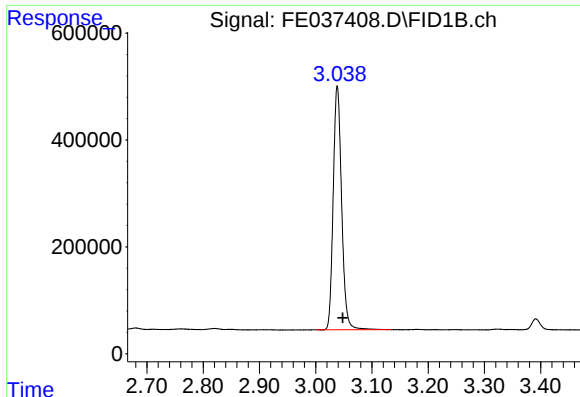
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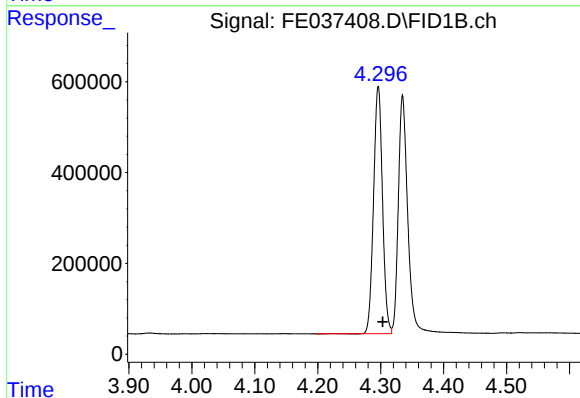
#1 n-Nonane (C9)

R.T.: 3.039 min
Delta R.T.: -0.010 min
Response: 4753543
Conc: 31.07 ug/ml

Instrument :
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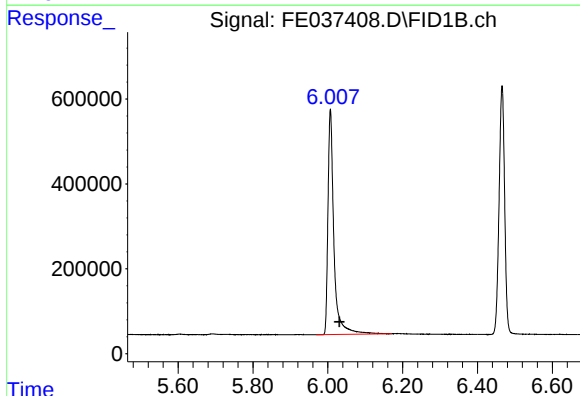
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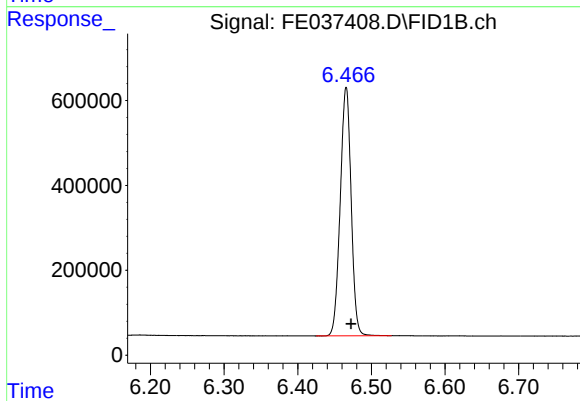
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 5374144
Conc: 34.86 ug/ml



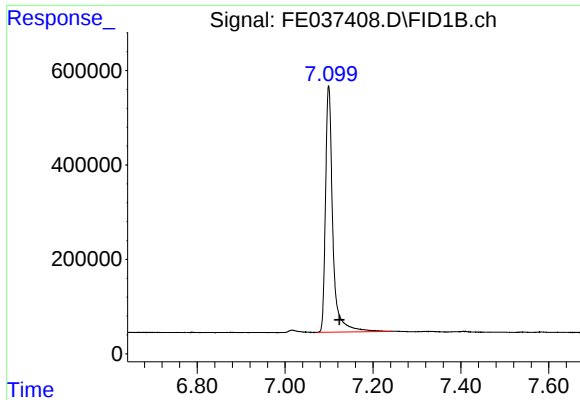
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.024 min
Response: 5873880
Conc: 40.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.007 min
Response: 6030279
Conc: 38.13 ug/ml



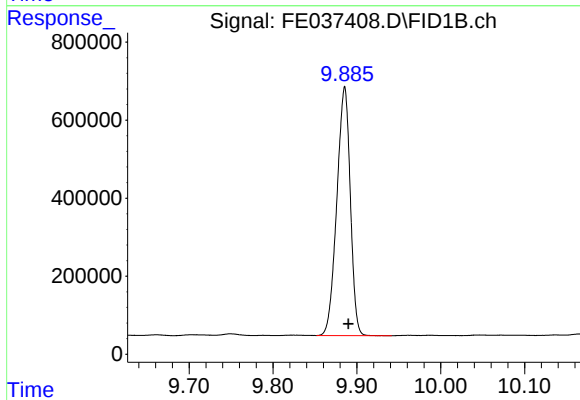
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.024 min
Response: 6027784
Conc: 43.17 ug/ml

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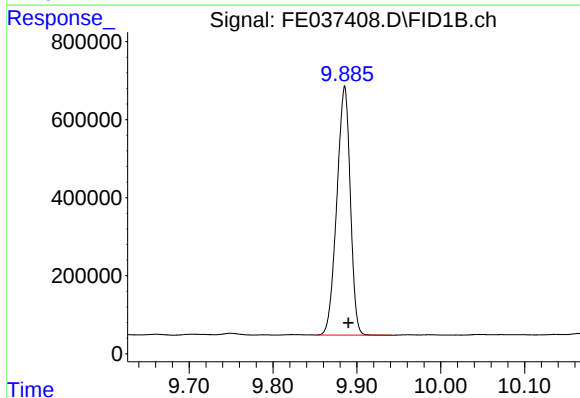
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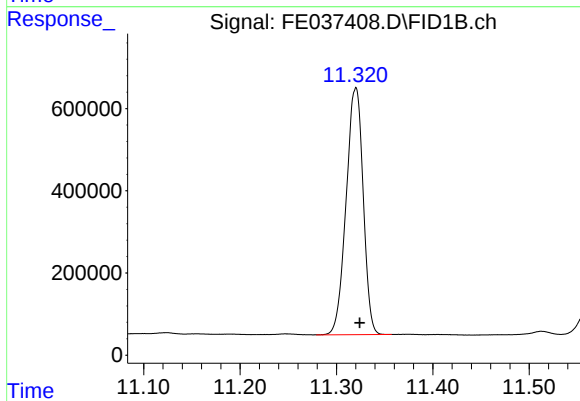
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 7131461
Conc: 45.01 ug/ml



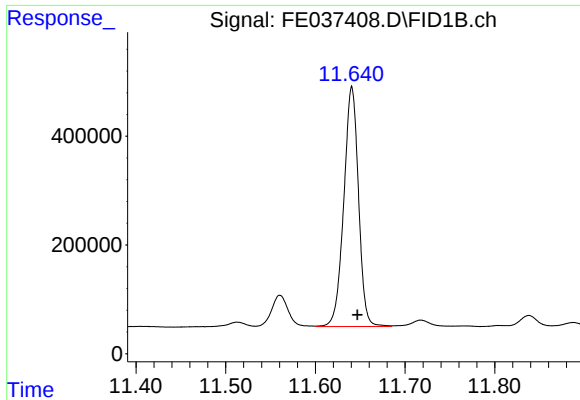
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 7131461
Conc: 45.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: -0.004 min
Response: 7348371
Conc: 46.15 ug/ml



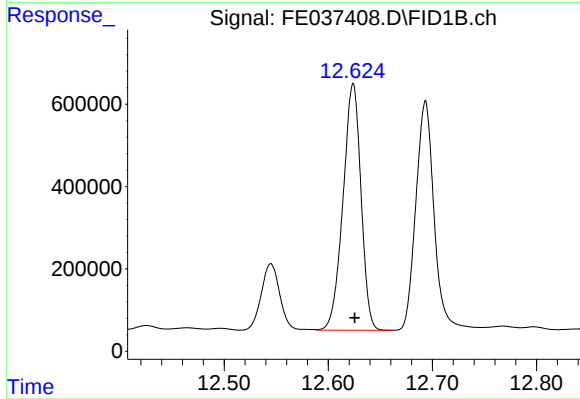
#9 ortho-Terphenyl (SURR)

R.T.: 11.641 min
Delta R.T.: -0.006 min
Response: 5027310
Conc: 29.75 ug/ml

Instrument :
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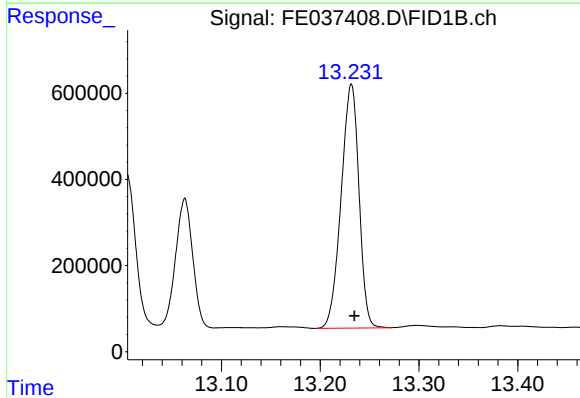
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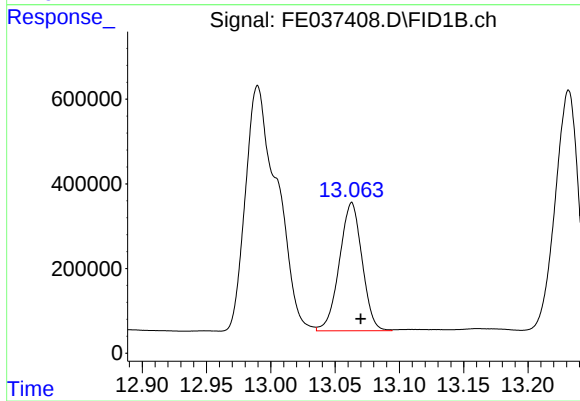
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.002 min
Response: 7189254
Conc: 45.44 ug/ml



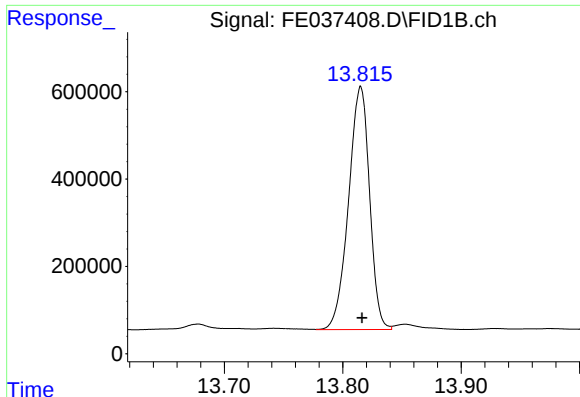
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 7120242
Conc: 45.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: -0.007 min
Response: 3714922
Conc: 28.87 ug/ml



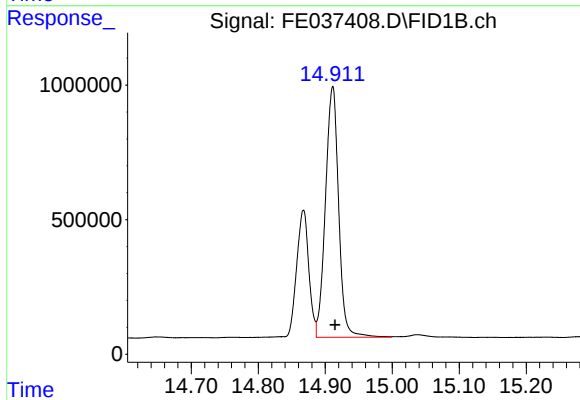
#13 n-Docosane (C22)

R.T.: 13.815 min
Delta R.T.: -0.001 min
Response: 6866048
Conc: 44.11 ug/ml

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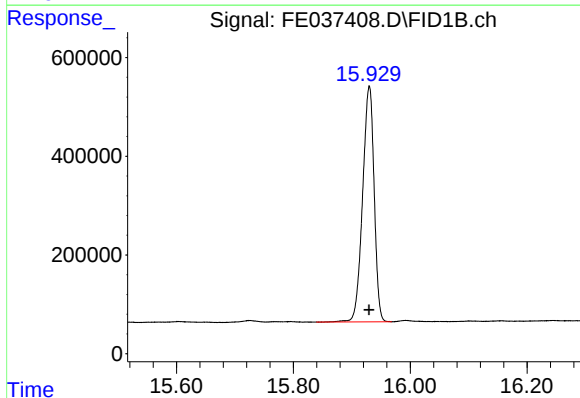
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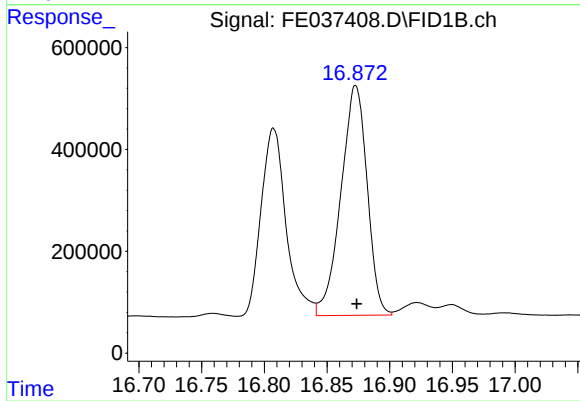
#14 n-Tetracosane (C24)

R.T.: 14.911 min
Delta R.T.: -0.003 min
Response: 12766934
Conc: 84.88 ug/ml



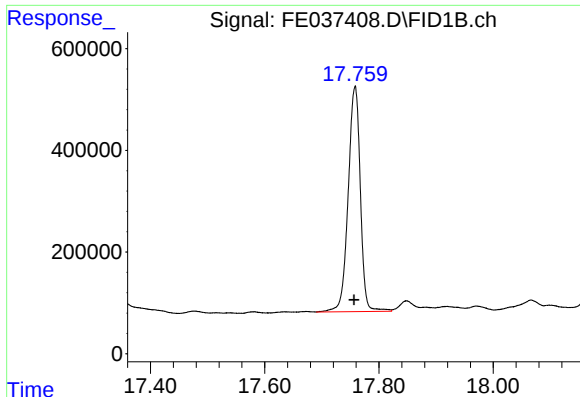
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: 0.000 min
Response: 6530620
Conc: 45.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.873 min
Delta R.T.: 0.000 min
Response: 6571313
Conc: 47.43 ug/ml



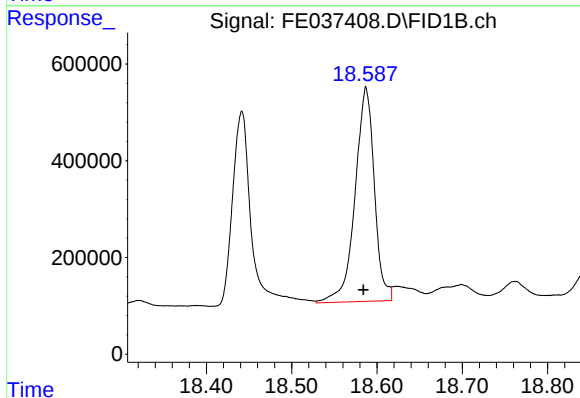
#17 n-Tricontane (C30)

R.T.: 17.758 min
Delta R.T.: 0.001 min
Response: 6548685
Conc: 48.14 ug/ml

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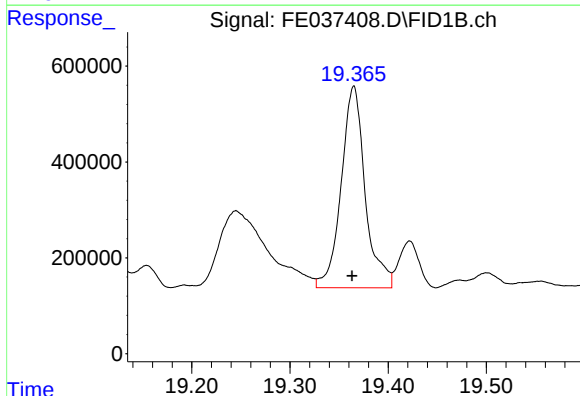
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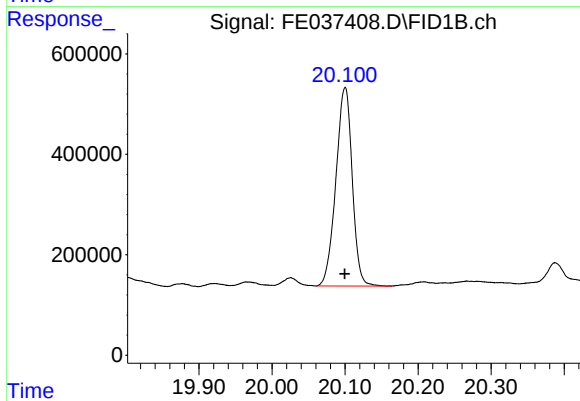
#18 n-Dotriacontane (C32)

R.T.: 18.587 min
Delta R.T.: 0.003 min
Response: 6971628
Conc: 52.21 ug/ml



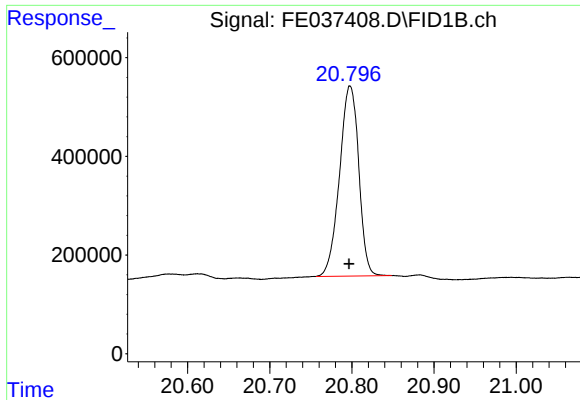
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: 0.002 min
Response: 7133542
Conc: 56.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: 0.000 min
Response: 6140848
Conc: 47.75 ug/ml



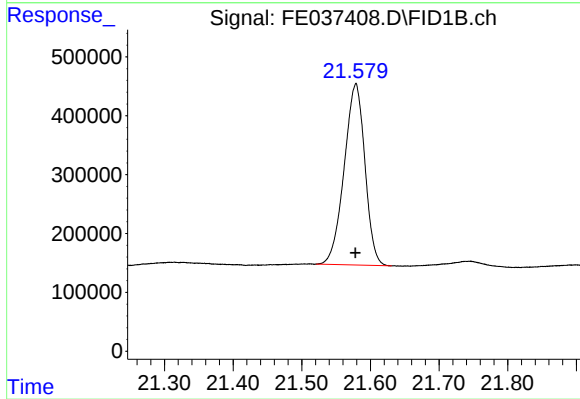
#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 6273246
Conc: 50.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: 0.000 min
Response: 6452681
Conc: 50.05 ug/ml m