

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091522AL\
 Data File : FE037603.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 22:15
 Operator : YP\AJ
 Sample : N4634-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File: autoint1.e
 Quant Time: Sep 16 04:55:59 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)	11.627	4560219	26.985 ug/ml
Spiked Amount 50.000		Recovery =	53.97%
12) S 1-chlorooctadecane (S...	13.050	3698433	28.737 ug/ml
Spiked Amount 50.000		Recovery =	57.47%
Target Compounds			
1) T n-Nonane (C9)	3.029	5176677	33.833 ug/ml
2) T n-Decane (C10)	4.285	5864072	38.035 ug/ml
3) T A~Naphthalene (C11.7)	5.995	6340394	44.009 ug/ml
4) T n-Dodecane (C12)	6.454	6500745	41.109 ug/ml
5) T A~2-methylnaphthalene...	7.088	6343731	45.438 ug/ml
6) T n-Tetradecane (C14)	9.873	7017009	44.284 ug/ml
7) T n-Hexadecane (C16)	9.873	7017009	44.284 ug/ml
8) T n-Octadecane (C18)	11.308	7417430	46.579 ug/ml
10) T n-Eicosane (C20)	12.610	7275656	45.984 ug/ml
11) T n-Heneicosane (C21)	13.218	7111832	45.100 ug/ml
13) T n-Docosane (C22)	13.802	6983645	44.862 ug/ml
14) T n-Tetracosane (C24)	14.898	13373927	88.920 ug/ml
15) T n-Hexacosane (C26)	15.915	6649866	45.923 ug/ml
16) T n-Octacosane (C28)	16.858	6915732	49.919 ug/ml
17) T n-Tricontane (C30)	17.743	6487807	47.693 ug/ml
18) T n-Dotriacontane (C32)	18.568	6678114	50.011 ug/ml
19) T n-Tetratriacontane (C34)	19.350	6777544	53.566 ug/mlm
20) T n-Hexatriacontane (C36)	20.085	6658083	51.768 ug/mlm
21) T n-Octatriacontane (C38)	20.783	6918575	55.589 ug/mlm
22) T n-Tetracontane (C40)	21.560	7090072	54.998 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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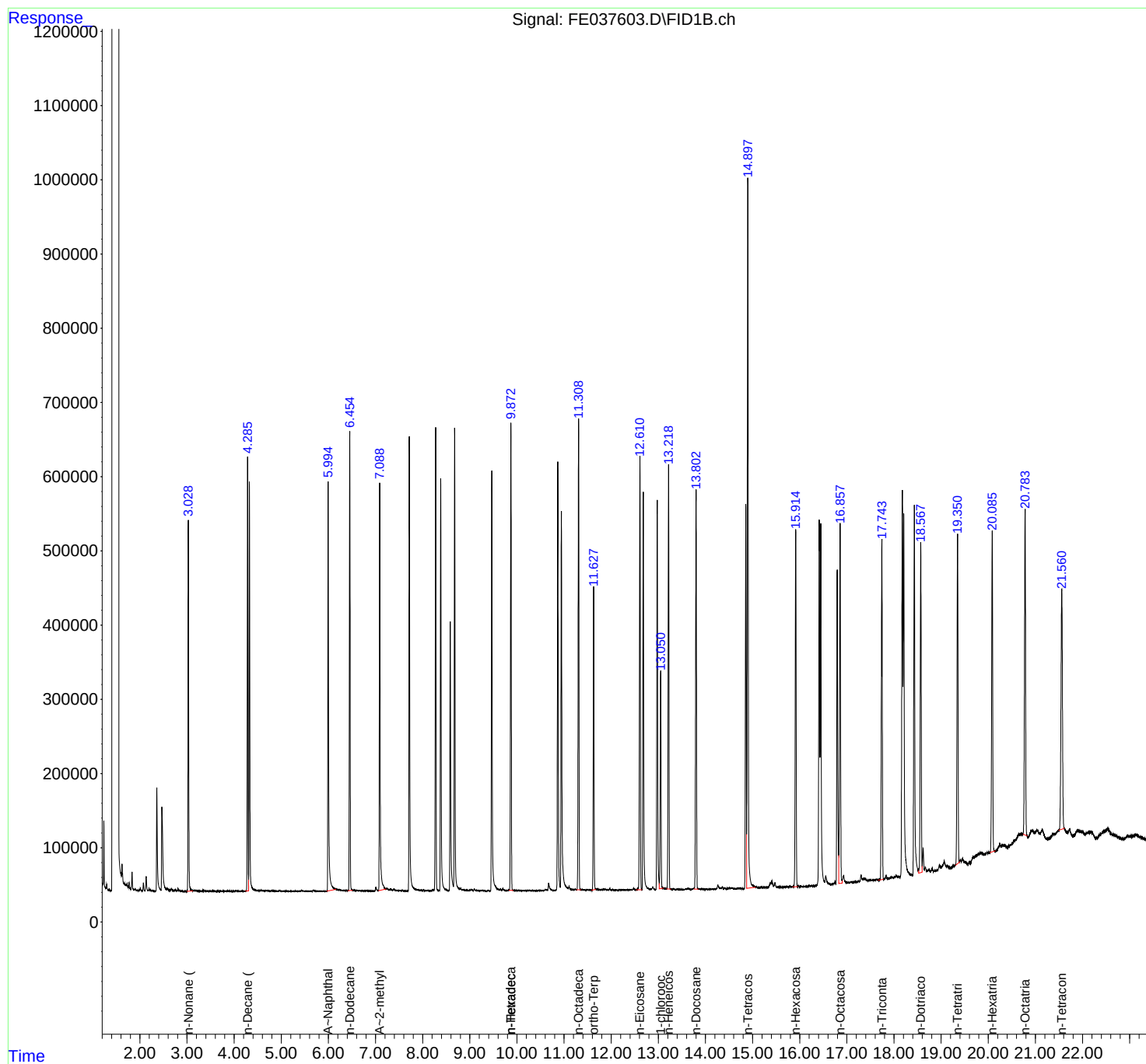
Instrument :
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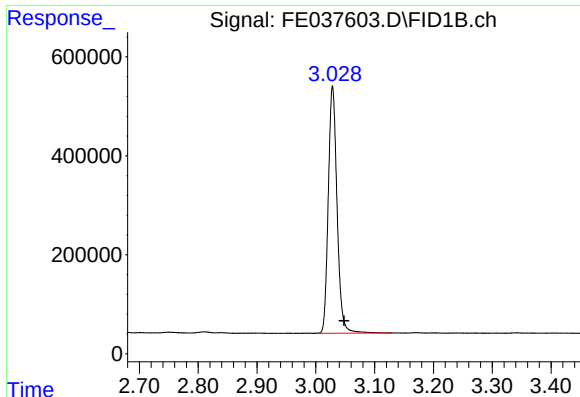
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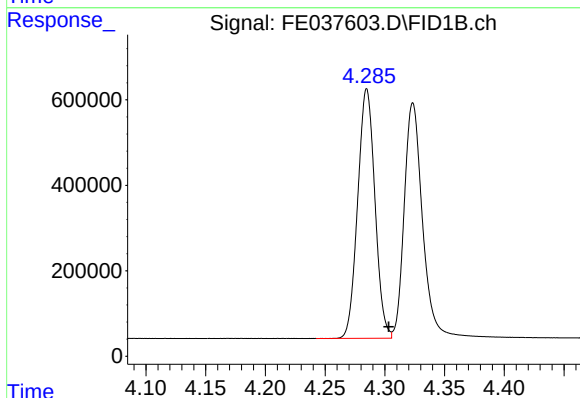
#1 n-Nonane (C9)

R.T.: 3.029 min
Delta R.T.: -0.019 min
Response: 5176677
Conc: 33.83 ug/ml

Instrument :
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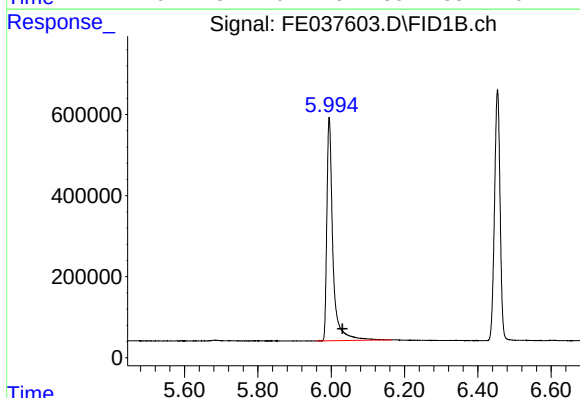
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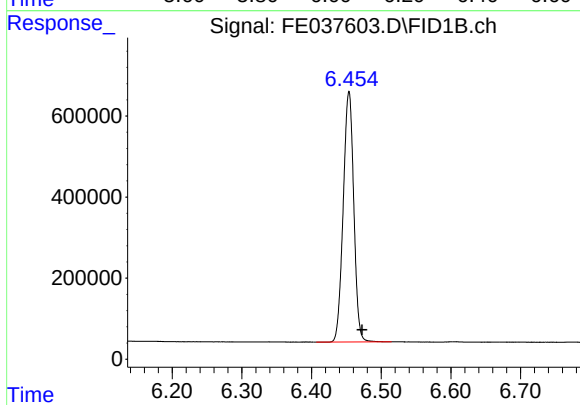
#2 n-Decane (C10)

R.T.: 4.285 min
Delta R.T.: -0.018 min
Response: 5864072
Conc: 38.03 ug/ml



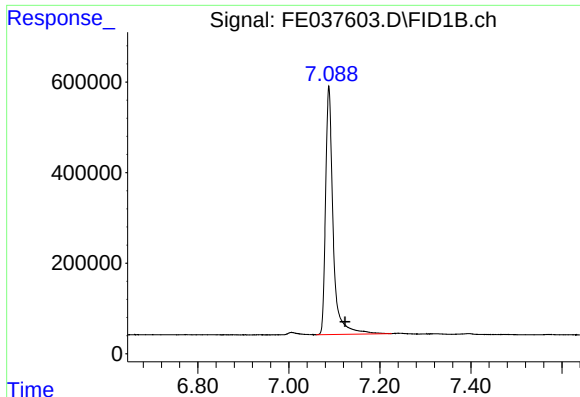
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.036 min
Response: 6340394
Conc: 44.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.454 min
Delta R.T.: -0.019 min
Response: 6500745
Conc: 41.11 ug/ml



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

R.T.: 7.088 min
Delta R.T.: -0.035 min
Response: 6343731
Conc: 45.44 ug/ml

Instrument :

FID_E

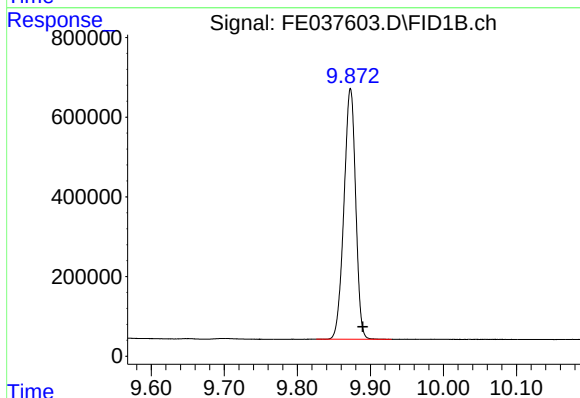
ClientSampleId :

WC-2MS

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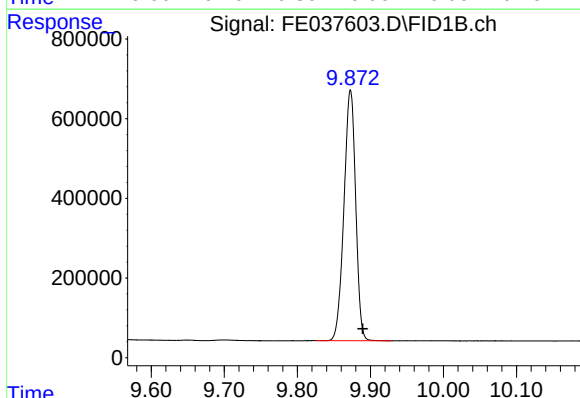
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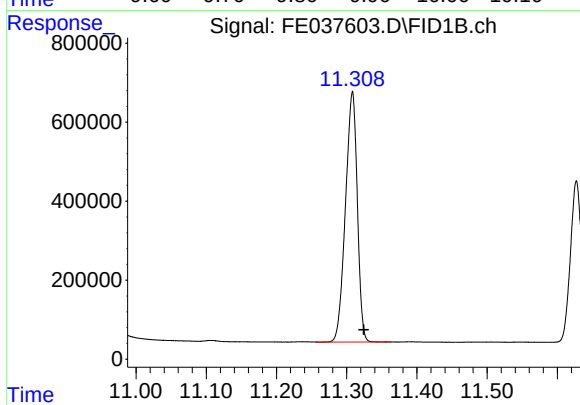
#6 n-Tetradecane (C14)

R.T.: 9.873 min
Delta R.T.: -0.017 min
Response: 7017009
Conc: 44.28 ug/ml



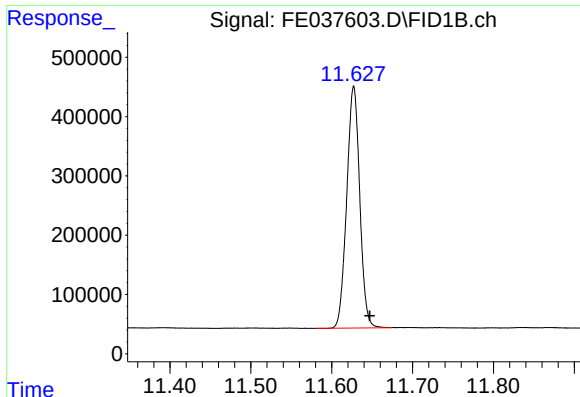
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.017 min
Response: 7017009
Conc: 44.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 7417430
Conc: 46.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 4560219
Conc: 26.98 ug/ml

Instrument :

FID_E

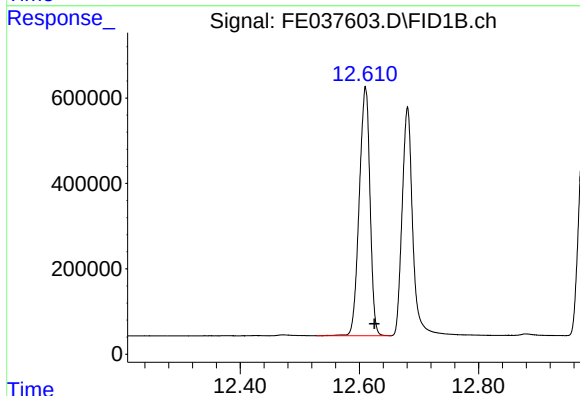
ClientSampleId :

WC-2MS

Manual Integrations

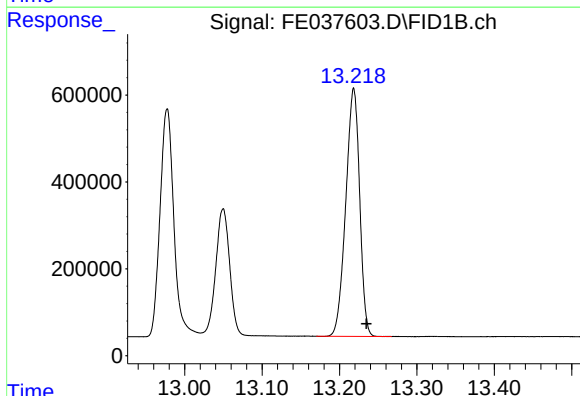
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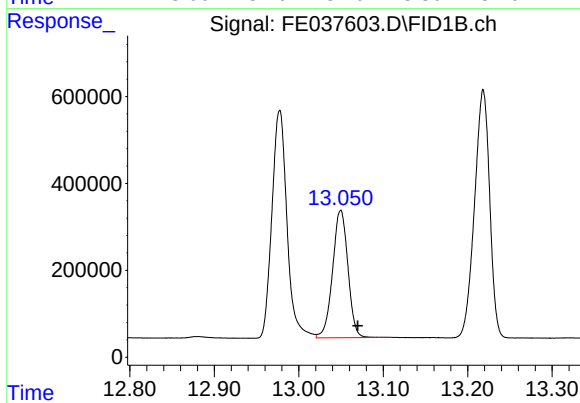
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.015 min
Response: 7275656
Conc: 45.98 ug/ml



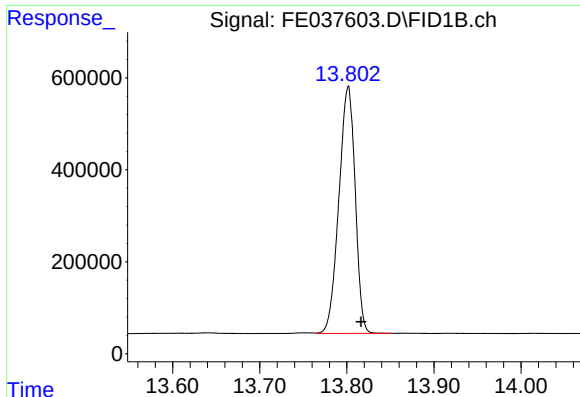
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.016 min
Response: 7111832
Conc: 45.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 3698433
Conc: 28.74 ug/ml



#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.015 min
Response: 6983645
Conc: 44.86 ug/ml

Instrument :

FID_E

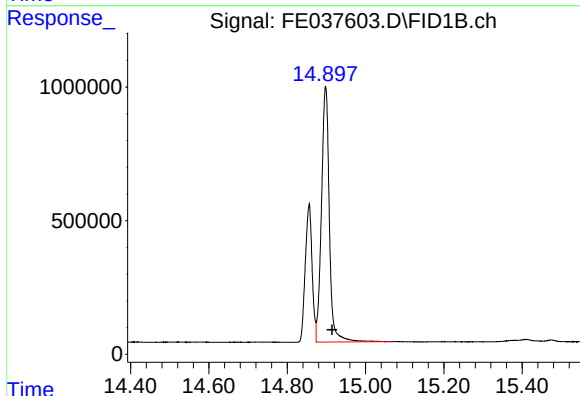
ClientSampleId :

WC-2MS

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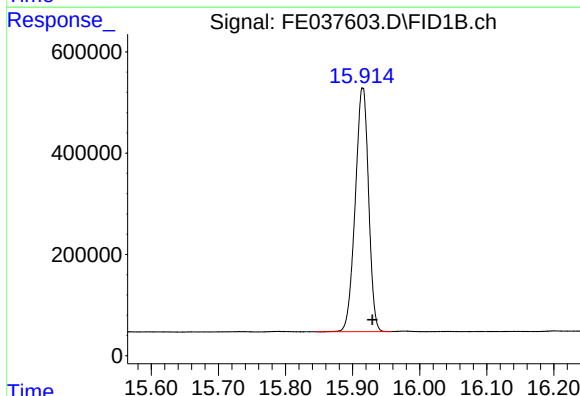
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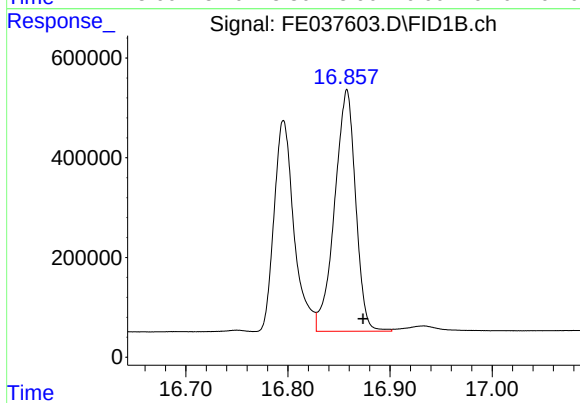
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.017 min
Response: 13373927
Conc: 88.92 ug/ml



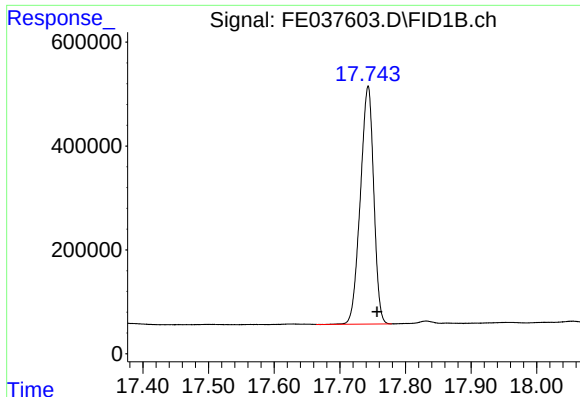
#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.014 min
Response: 6649866
Conc: 45.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.858 min
Delta R.T.: -0.016 min
Response: 6915732
Conc: 49.92 ug/ml



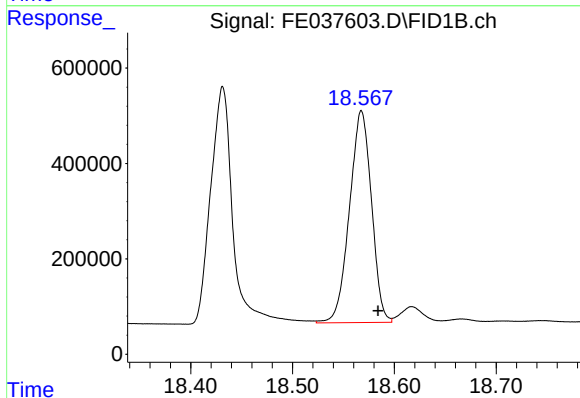
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 6487807
Conc: 47.69 ug/ml

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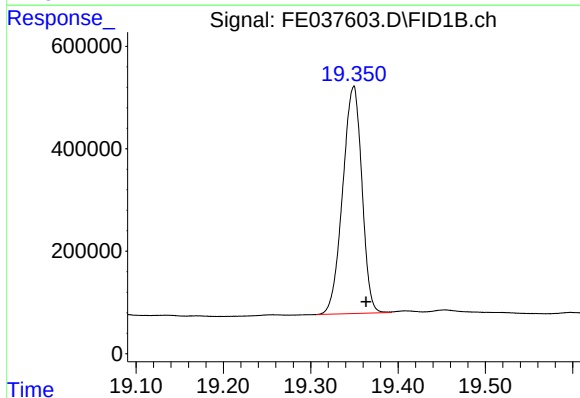
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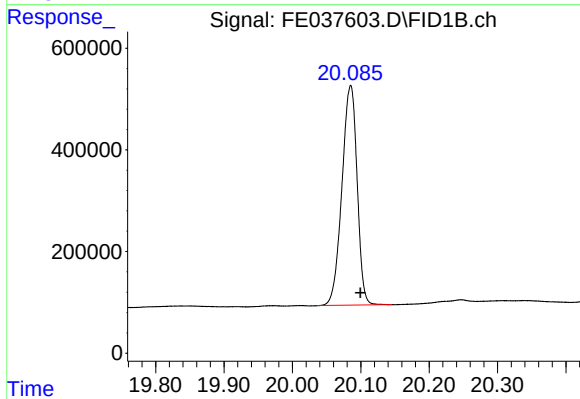
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.017 min
Response: 6678114
Conc: 50.01 ug/ml



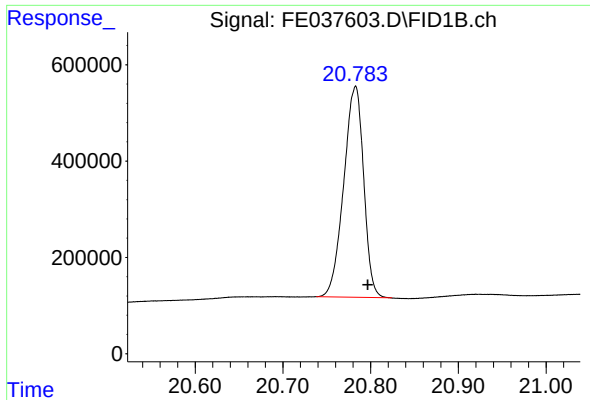
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.014 min
Response: 6777544
Conc: 53.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.015 min
Response: 6658083
Conc: 51.77 ug/ml m



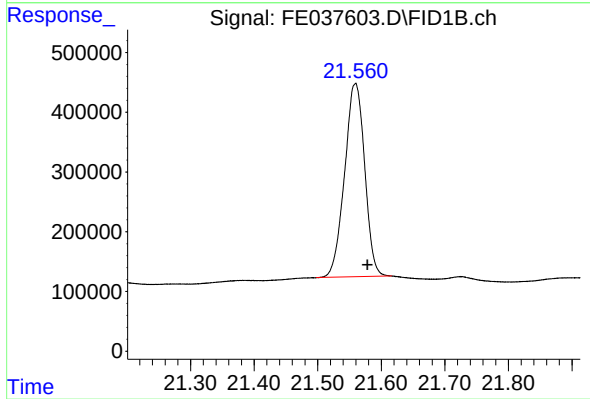
#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.014 min
Response: 6918575
Conc: 55.59 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.018 min
Response: 7090072
Conc: 55.00 ug/ml m