

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041675.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 16:32
 Operator : YP\AJ
 Sample : PB152526BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152526BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/03/2023

Supervised By :Ankita Jodhani 05/03/2023

Integration File: autoint1.e

Quant Time: May 03 02:51:10 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)	11.986	7488904	39.918 ug/ml
Spiked Amount 50.000		Recovery =	79.84%
12) S 1-chlorooctadecane (S...	13.422	5947800	42.103 ug/ml
Spiked Amount 50.000		Recovery =	84.21%
Target Compounds			
1) T n-Nonane (C9)	3.366	5735530	39.018 ug/ml
2) T n-Decane (C10)	4.615	5986809	39.917 ug/ml
3) T A~Naphthalene (C11.7)	6.320	6969436	42.114 ug/ml
4) T n-Dodecane (C12)	6.781	6510561	42.820 ug/ml
5) T A~2-methylnaphthalene...	7.417	6858360	42.533 ug/ml
6) T n-Tetradecane (C14)	8.613	6809958	44.831 ug/ml
7) T n-Hexadecane (C16)	10.220	7095785	44.464 ug/ml
8) T n-Octadecane (C18)	11.666	7194077	43.890 ug/ml
10) T n-Eicosane (C20)	12.977	7053289	43.851 ug/ml
11) T n-Heneicosane (C21)	13.589	6858350	43.034 ug/ml
13) T n-Docosane (C22)	14.176	6756407	42.405 ug/ml
14) T n-Tetracosane (C24)	15.271	12682275	78.664 ug/ml
15) T n-Hexacosane (C26)	16.304	6371120	40.299 ug/ml
16) T n-Octacosane (C28)	17.253	6171238	40.106 ug/ml
17) T n-Tricontane (C30)	18.142	6017811	39.512 ug/ml
18) T n-Dotriacontane (C32)	18.974	5824158	39.094 ug/ml
19) T n-Tetratriacontane (C34)	19.757	5769239	40.952 ug/ml
20) T n-Hexatriacontane (C36)	20.499	5476785	40.954 ug/mlm
21) T n-Octatriacontane (C38)	21.255	5630114	42.609 ug/ml
22) T n-Tetracontane (C40)	22.204	5827740	46.029 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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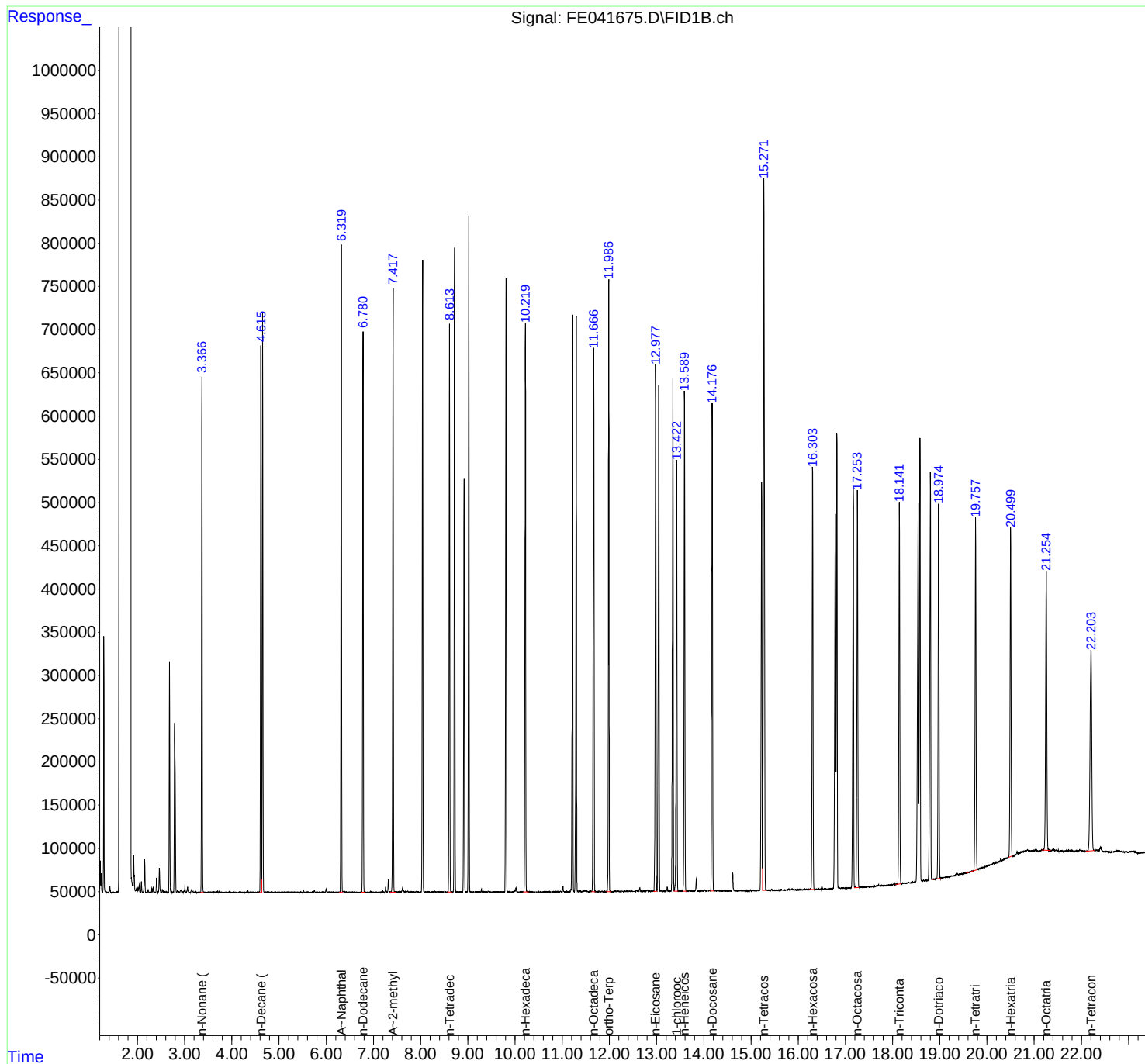
Response via : Initial Calibration

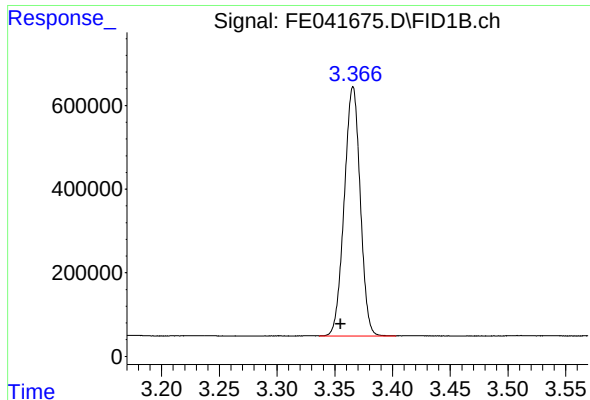
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.011 min
Response: 5735530
Conc: 39.02 ug/ml

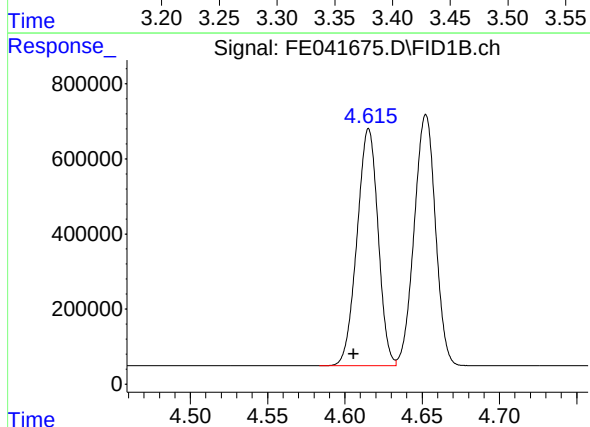
Instrument :

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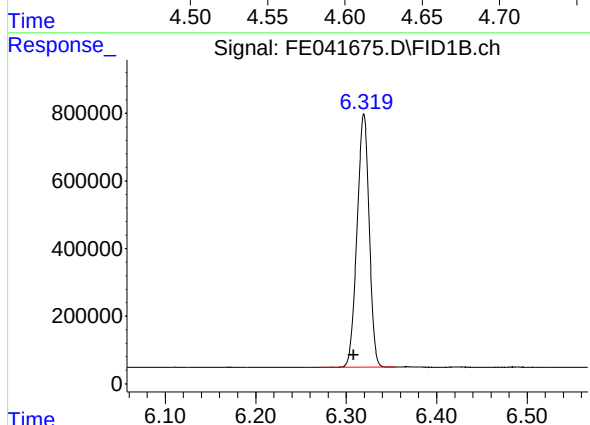
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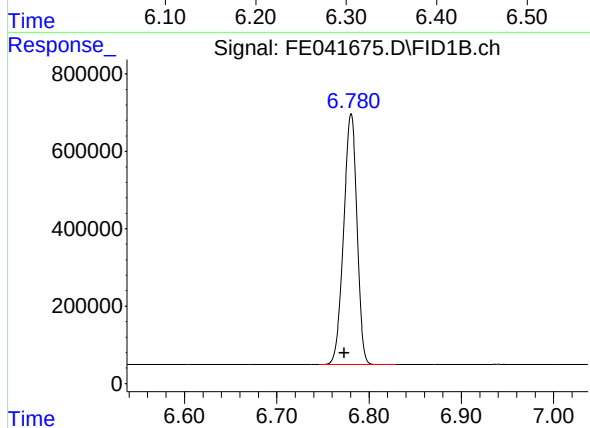
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.010 min
Response: 5986809
Conc: 39.92 ug/ml



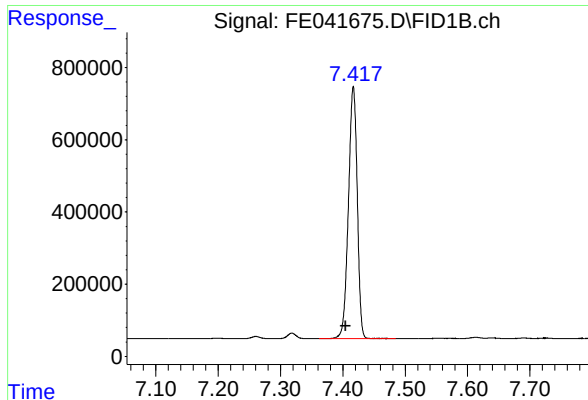
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: 0.011 min
Response: 6969436
Conc: 42.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: 0.007 min
Response: 6510561
Conc: 42.82 ug/ml



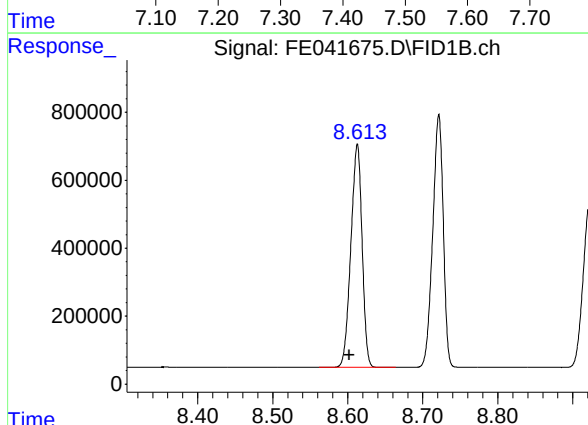
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min
Delta R.T.: 0.012 min
Response: 6858360
Conc: 42.53 ug/ml

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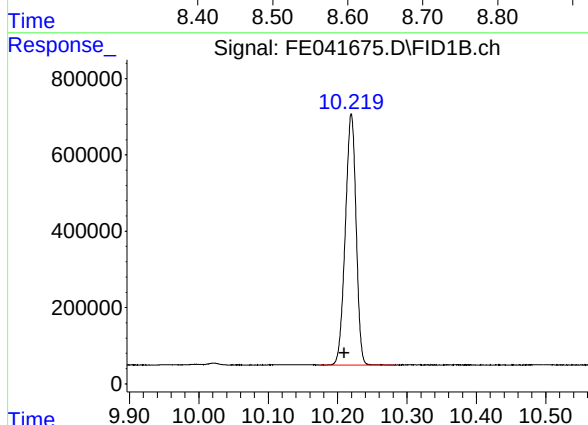
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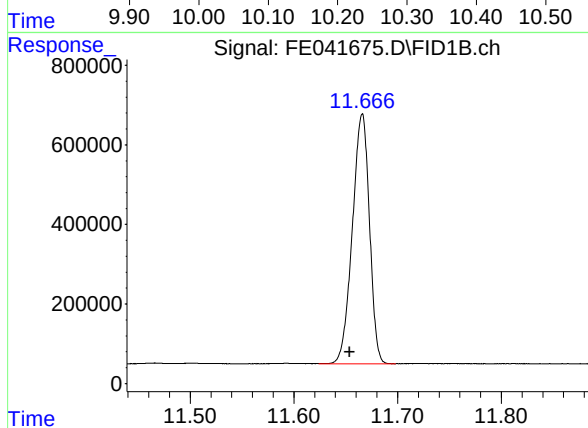
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.011 min
Response: 6809958
Conc: 44.83 ug/ml



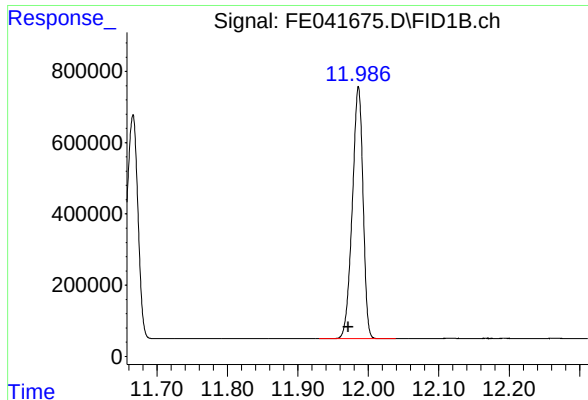
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.010 min
Response: 7095785
Conc: 44.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.666 min
Delta R.T.: 0.012 min
Response: 7194077
Conc: 43.89 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.014 min
Response: 7488904
Conc: 39.92 ug/ml

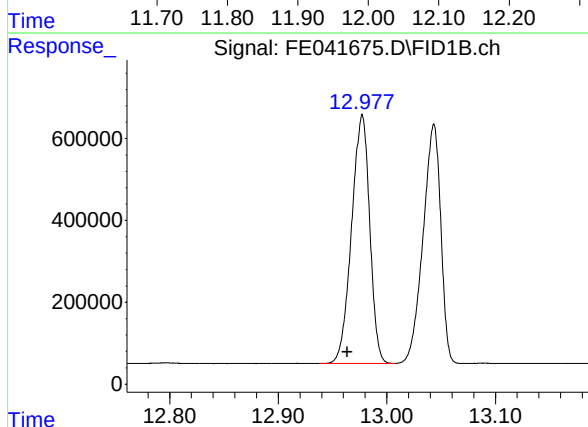
Instrument :

FID_E

ClientSampleId :
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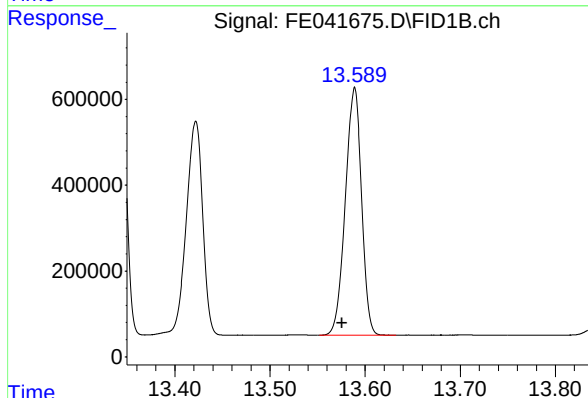
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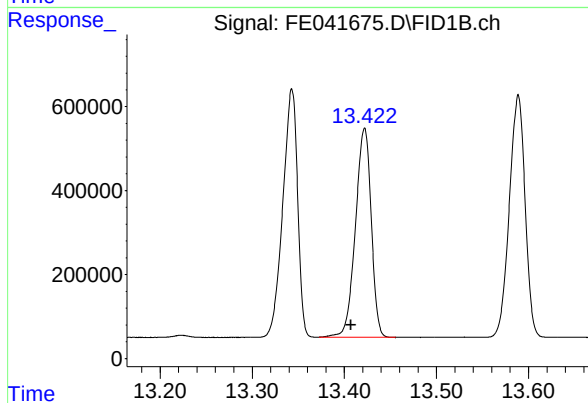
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.014 min
Response: 7053289
Conc: 43.85 ug/ml



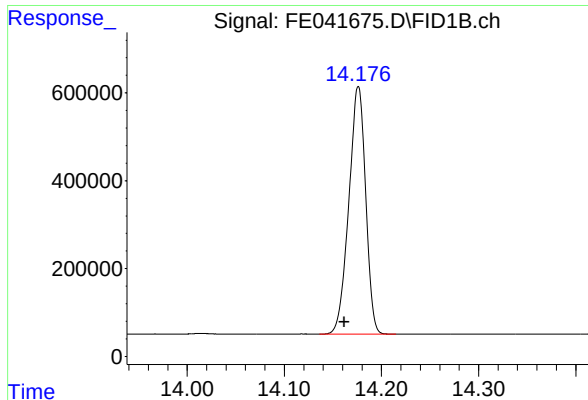
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.013 min
Response: 6858350
Conc: 43.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.422 min
Delta R.T.: 0.015 min
Response: 5947800
Conc: 42.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.176 min
Delta R.T.: 0.014 min
Response: 6756407
Conc: 42.41 ug/ml

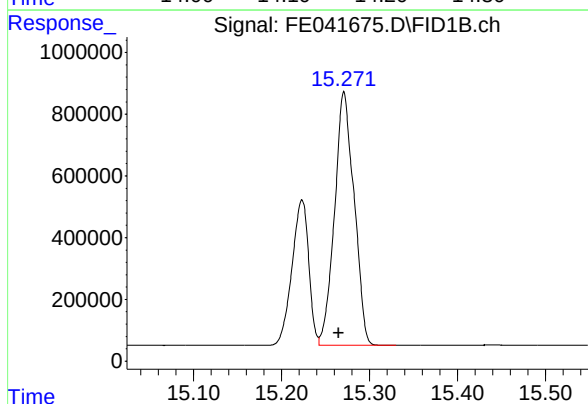
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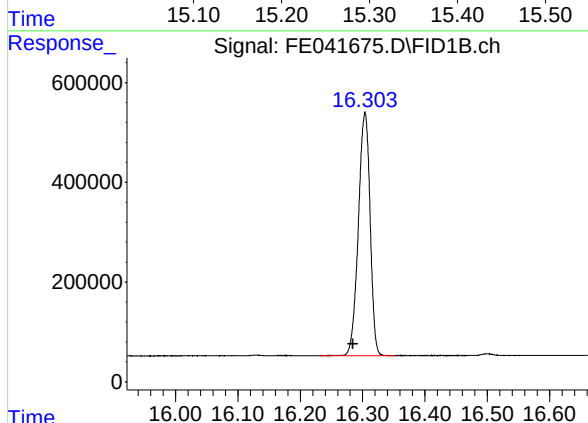
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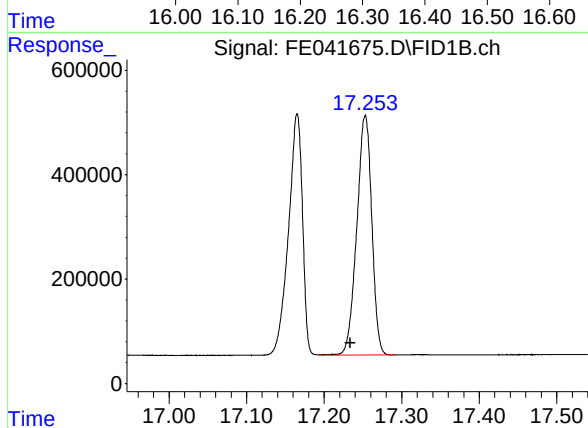
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.006 min
Response: 12682275
Conc: 78.66 ug/ml



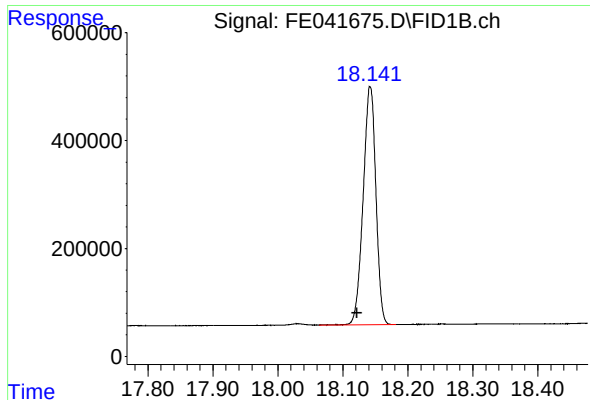
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.019 min
Response: 6371120
Conc: 40.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: 0.019 min
Response: 6171238
Conc: 40.11 ug/ml



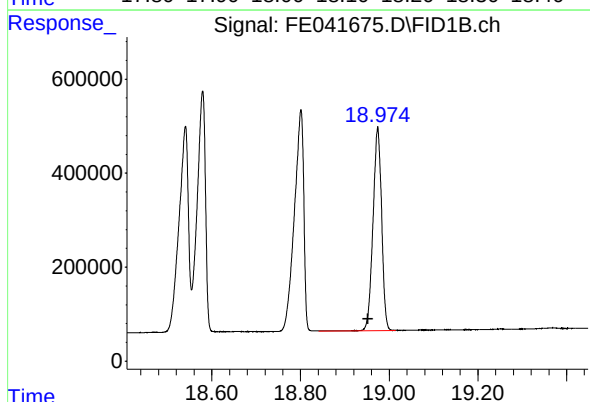
#17 n-Tricontane (C30)

R.T.: 18.142 min
Delta R.T.: 0.020 min
Response: 6017811
Conc: 39.51 ug/ml

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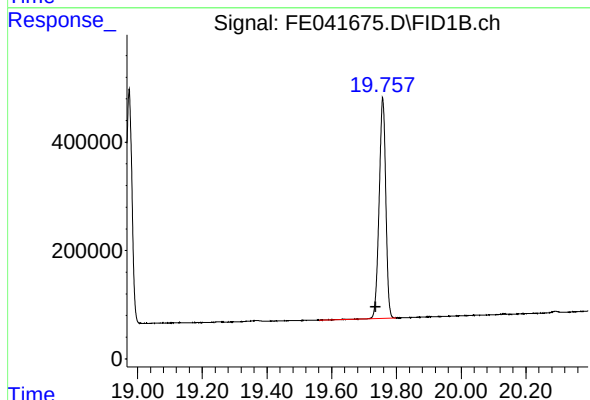
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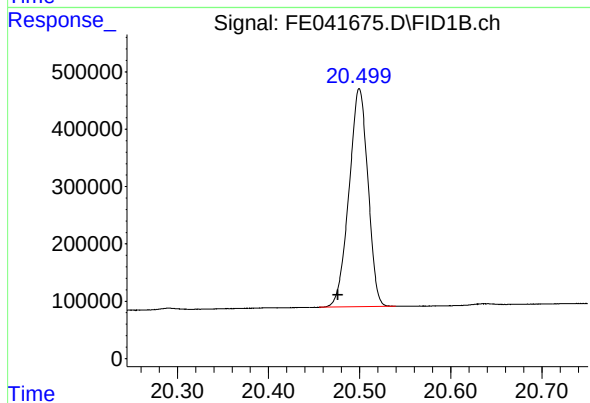
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: 0.022 min
Response: 5824158
Conc: 39.09 ug/ml



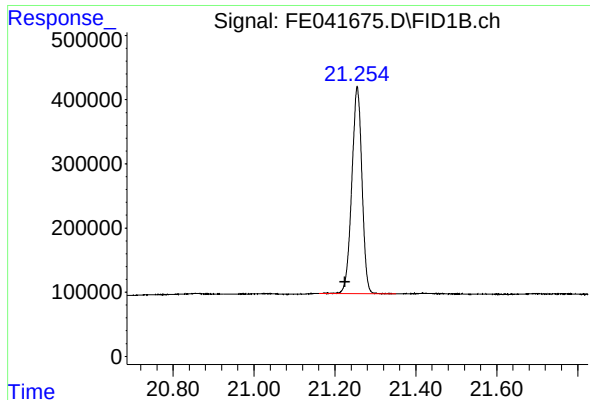
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.021 min
Response: 5769239
Conc: 40.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.499 min
Delta R.T.: 0.023 min
Response: 5476785
Conc: 40.95 ug/ml m



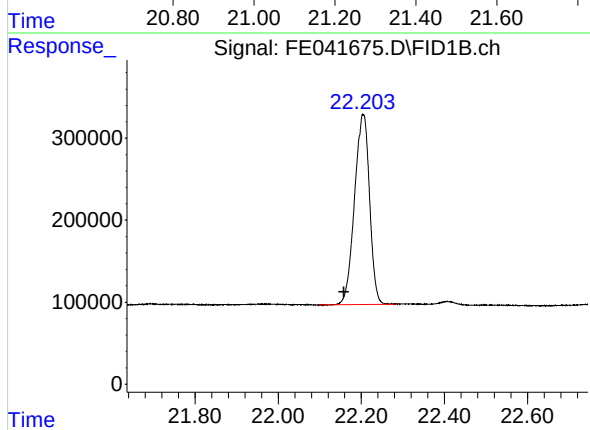
#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.030 min
Response: 5630114
Conc: 42.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.204 min
Delta R.T.: 0.046 min
Response: 5827740
Conc: 46.03 ug/ml