

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081723AL\
 Data File : FE044023.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2023 16:09
 Operator : YP\AJ
 Sample : 04042-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-376MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/18/2023

Supervised By :Ankita Jodhani 08/18/2023

Integration File: autoint1.e

Quant Time: Aug 17 23:44:20 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M

Quant Title : GC Extractables

QLast Update : Wed Aug 02 09:56:52 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)	11.948	5856567	28.420 ug/ml
Spiked Amount 50.000		Recovery =	56.84%
12) S 1-chlorooctadecane (S...	13.385	4569115	29.280 ug/mlm
Spiked Amount 50.000		Recovery =	58.56%
Target Compounds			
1) T n-Nonane (C9)	3.340	4374005	27.086 ug/ml
2) T n-Decane (C10)	4.591	4941163	29.980 ug/ml
3) T A~Naphthalene (C11.7)	6.290	5846319	32.110 ug/ml
4) T n-Dodecane (C12)	6.752	5479259	32.739 ug/ml
5) T A~2-methylnaphthalene...	7.385	6039824	33.926 ug/ml
6) T n-Tetradecane (C14)	8.580	6010754	35.676 ug/ml
7) T n-Hexadecane (C16)	10.187	6577647	37.288 ug/ml
8) T n-Octadecane (C18)	11.632	6746229	37.242 ug/ml
10) T n-Eicosane (C20)	12.942	7038071	39.770 ug/ml
11) T n-Heneicosane (C21)	13.554	6611850	37.342 ug/ml
13) T n-Docosane (C22)	14.141	6708208	38.245 ug/ml
14) T n-Tetracosane (C24)	15.243	4647550	26.451 ug/ml
15) T n-Hexacosane (C26)	16.266	6110536	35.355 ug/ml
16) T n-Octacosane (C28)	17.216	6245140	37.325 ug/ml
17) T n-Tricontane (C30)	18.106	5913835	35.706 ug/ml
18) T n-Dotriacontane (C32)	18.939	5632747	35.675 ug/ml
19) T n-Tetratriacontane (C34)	19.722	5264250	35.426 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	4809400	34.407 ug/ml
21) T n-Octatriacontane (C38)	21.210	4824055	36.161 ug/ml
22) T n-Tetracontane (C40)	22.135	5034728	39.021 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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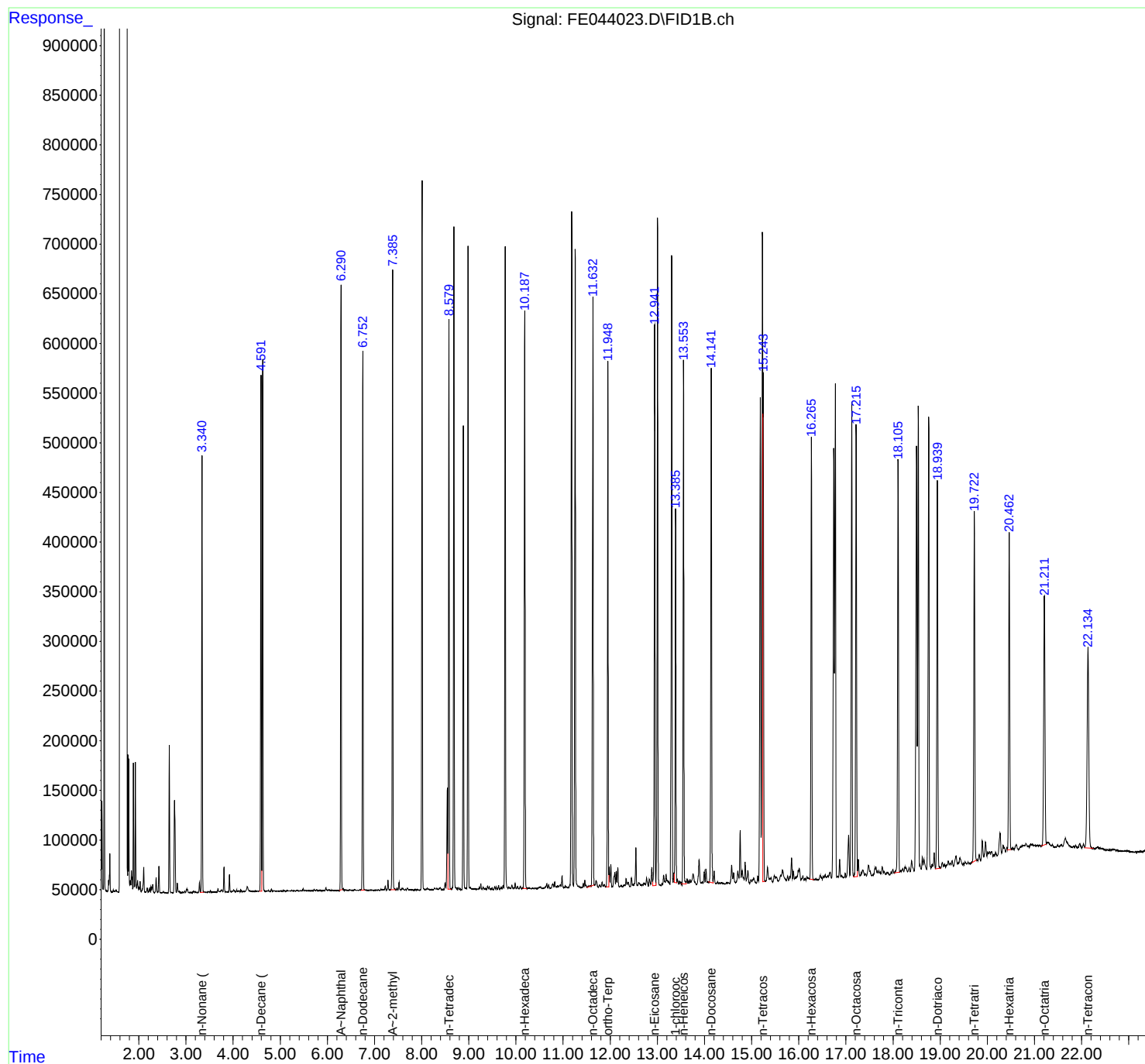
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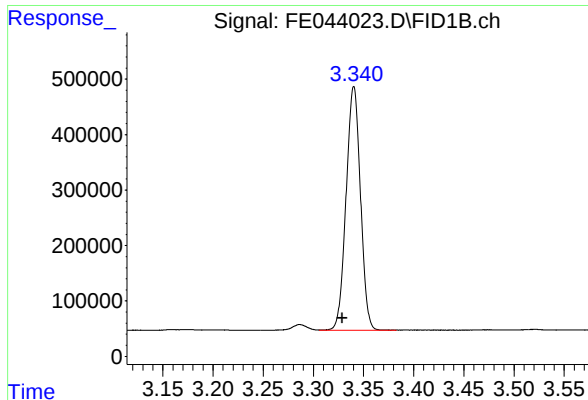
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.011 min
Response: 4374005
Conc: 27.09 ug/ml

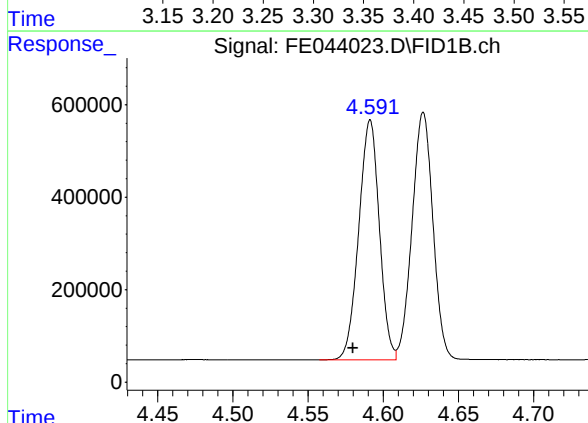
Instrument :

FID_E

ClientSampleId :
TP-376MS

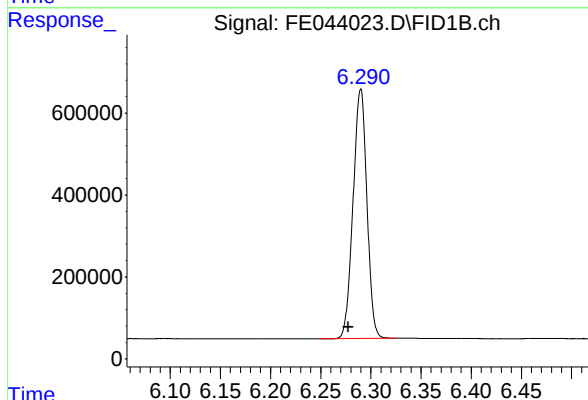
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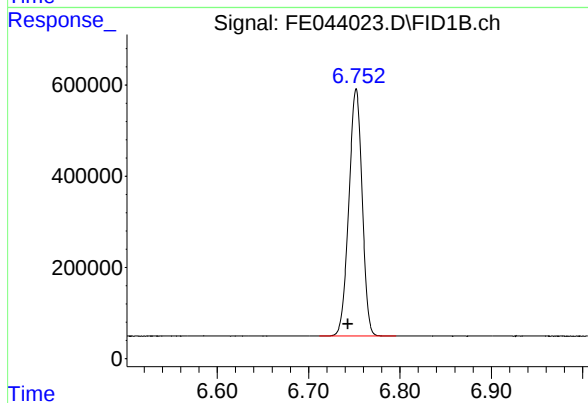
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: 0.011 min
Response: 4941163
Conc: 29.98 ug/ml



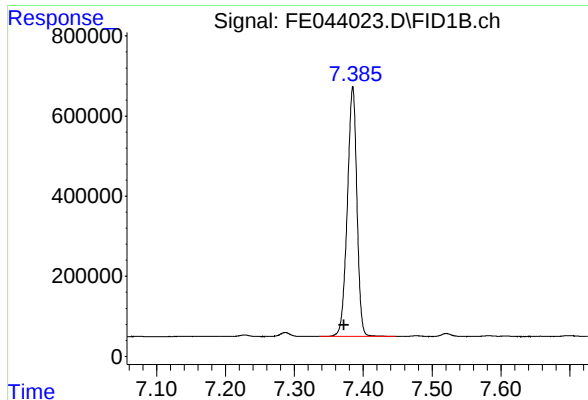
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.013 min
Response: 5846319
Conc: 32.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.752 min
Delta R.T.: 0.009 min
Response: 5479259
Conc: 32.74 ug/ml



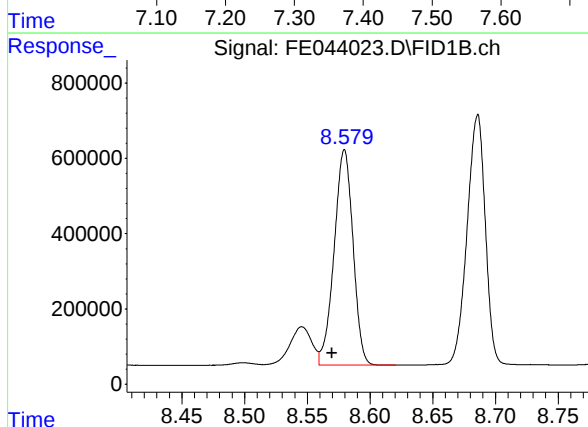
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 6039824
Conc: 33.93 ug/ml

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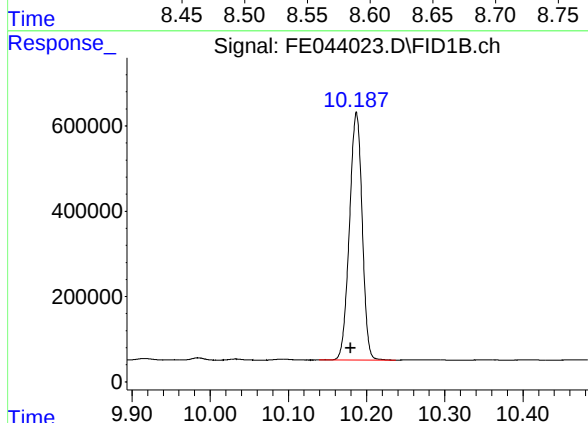
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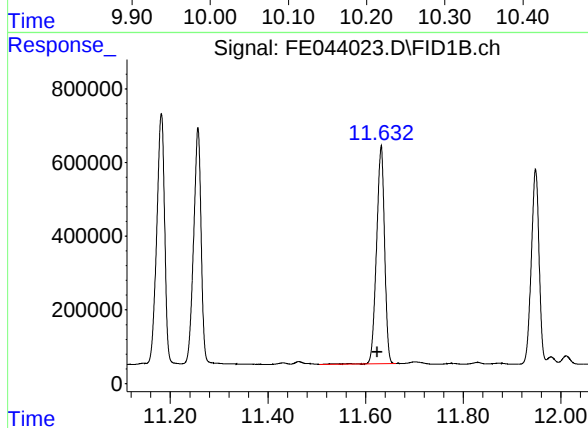
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: 0.010 min
Response: 6010754
Conc: 35.68 ug/ml



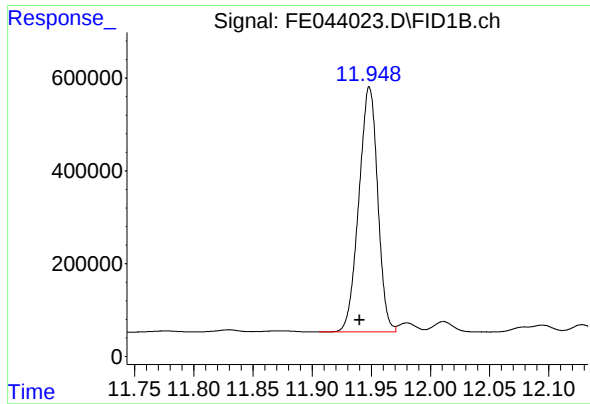
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.007 min
Response: 6577647
Conc: 37.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: 0.008 min
Response: 6746229
Conc: 37.24 ug/ml



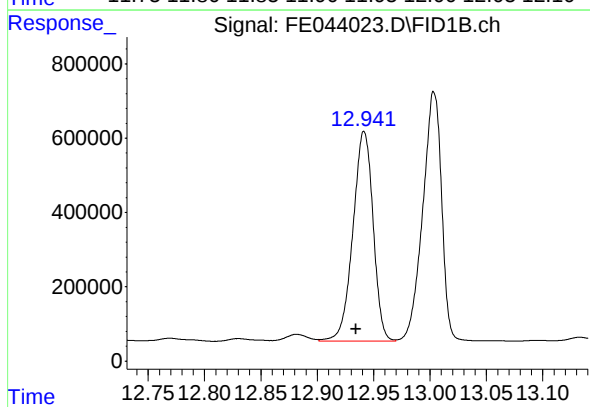
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.008 min
Response: 5856567
Conc: 28.42 ug/ml

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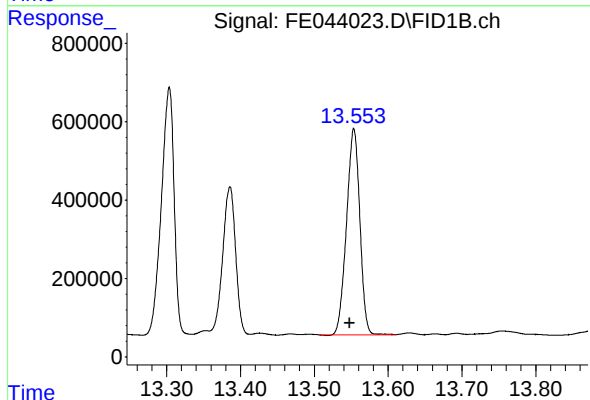
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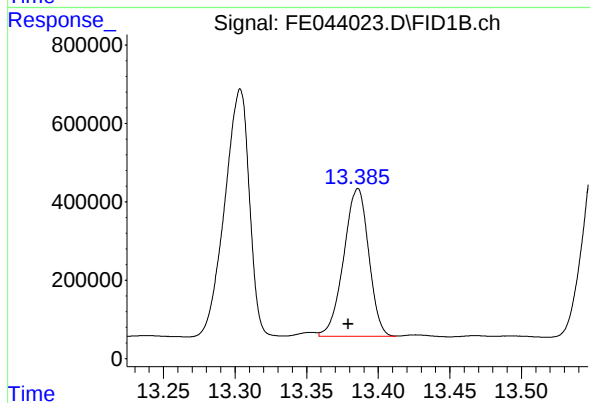
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.007 min
Response: 7038071
Conc: 39.77 ug/ml



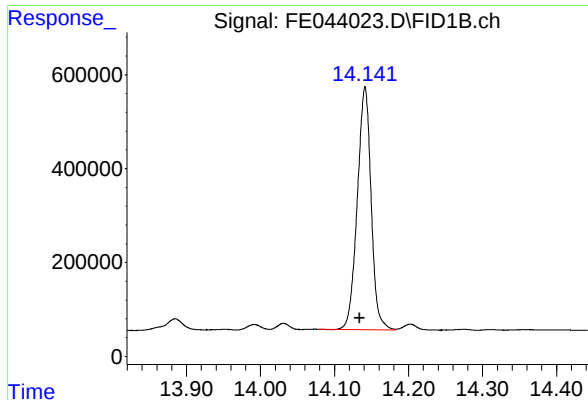
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.006 min
Response: 6611850
Conc: 37.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: 0.006 min
Response: 4569115
Conc: 29.28 ug/ml m



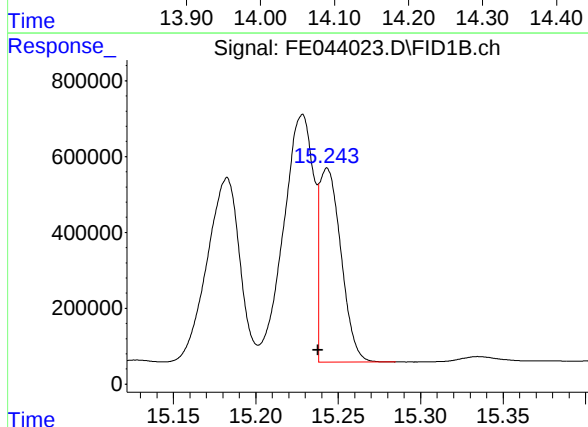
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 6708208
Conc: 38.24 ug/ml

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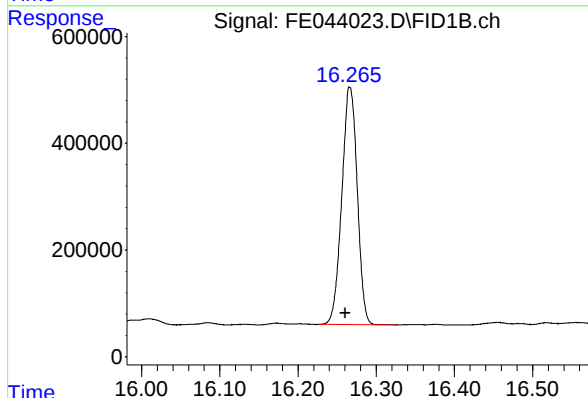
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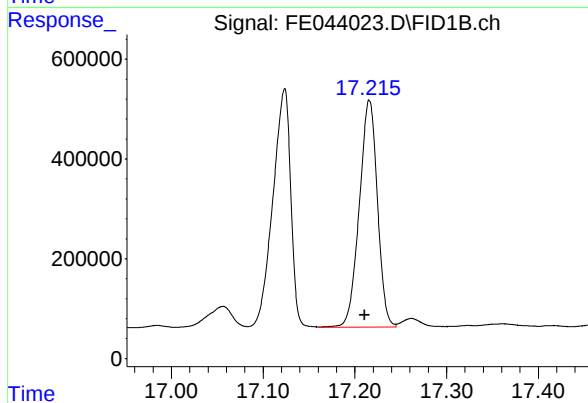
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.005 min
Response: 4647550
Conc: 26.45 ug/ml



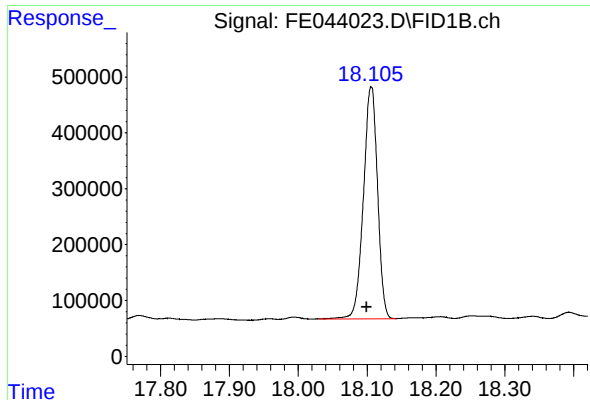
#15 n-Hexacosane (C26)

R.T.: 16.266 min
Delta R.T.: 0.006 min
Response: 6110536
Conc: 35.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: 0.005 min
Response: 6245140
Conc: 37.32 ug/ml



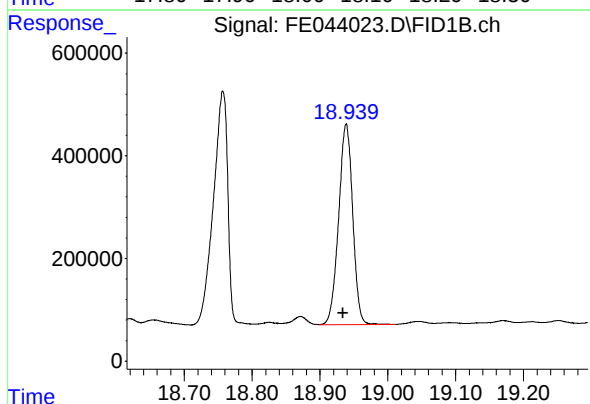
#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: 0.006 min
Response: 5913835
Conc: 35.71 ug/ml

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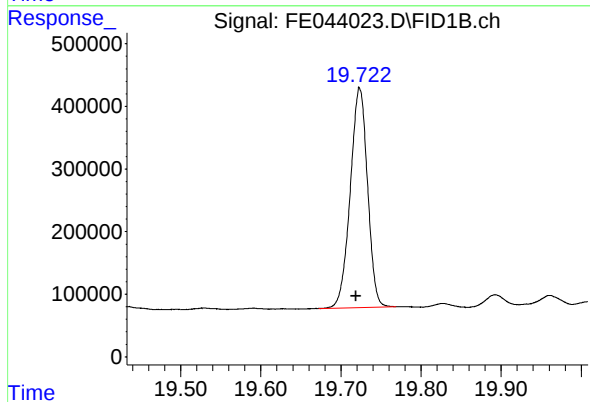
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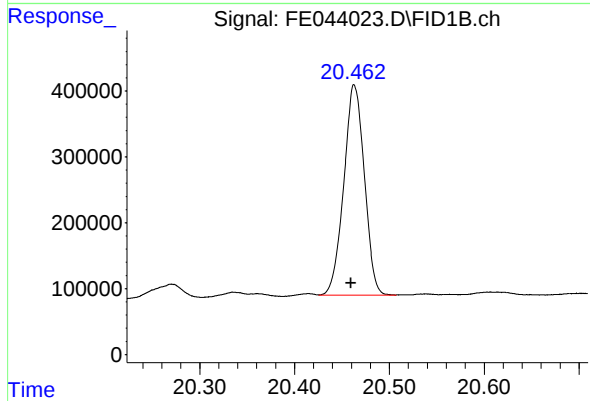
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.005 min
Response: 5632747
Conc: 35.67 ug/ml



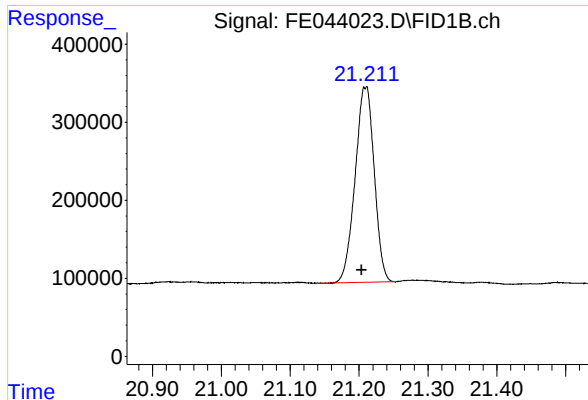
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.003 min
Response: 5264250
Conc: 35.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.003 min
Response: 4809400
Conc: 34.41 ug/ml



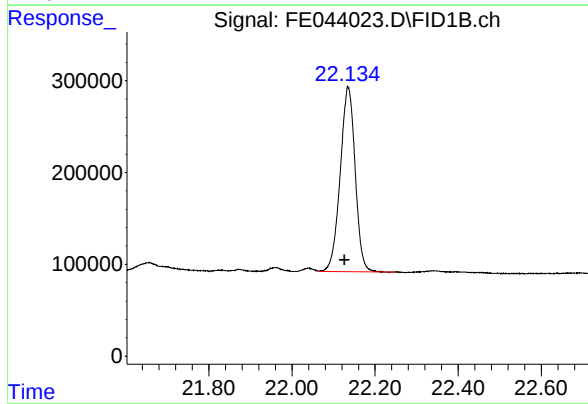
#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: 0.006 min
Response: 4824055
Conc: 36.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.008 min
Response: 5034728
Conc: 39.02 ug/ml