

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061224AL\
 Data File : FE048680.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2024 19:38
 Operator : YP\AJ
 Sample : PB161448BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB161448BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2024

Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e

Quant Time: Jun 13 01:29:35 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

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			
12) S 1-chlorooctadecane (S...	13.375	4252706	39.036 ug/ml
Spiked Amount 50.000		Recovery =	78.07%
Target Compounds			
1) T n-Nonane (C9)	3.328	4251910	28.440 ug/ml
2) T n-Decane (C10)	4.578	5289196	35.027 ug/ml
4) T n-Dodecane (C12)	6.743	5785374	39.083 ug/ml
6) T n-Tetradecane (C14)	8.572	6255346	44.103 ug/ml
7) T n-Hexadecane (C16)	10.179	6681151	47.391 ug/ml
8) T n-Octadecane (C18)	11.623	7102366	51.138 ug/ml
10) T n-Eicosane (C20)	12.932	7413204	56.018 ug/ml
11) T n-Heneicosane (C21)	13.544	7210371	55.666 ug/ml
13) T n-Docosane (C22)	14.129	7189501	55.792 ug/ml
14) T n-Tetracosane (C24)	15.231	7173296	55.371 ug/ml
15) T n-Hexacosane (C26)	16.252	7162473	55.263 ug/ml
16) T n-Octacosane (C28)	17.201	7155778	55.362 ug/ml
17) T n-Tricontane (C30)	18.087	7384265	55.122 ug/ml
18) T n-Dotriacontane (C32)	18.920	7603255	56.013 ug/ml
19) T n-Tetratriacontane (C34)	19.702	7778179	56.858 ug/ml
20) T n-Hexatriacontane (C36)	20.441	7722787	56.812 ug/ml
21) T n-Octatriacontane (C38)	21.180	7836190	57.462 ug/ml
22) T n-Tetracontane (C40)	22.096	7391889	53.986 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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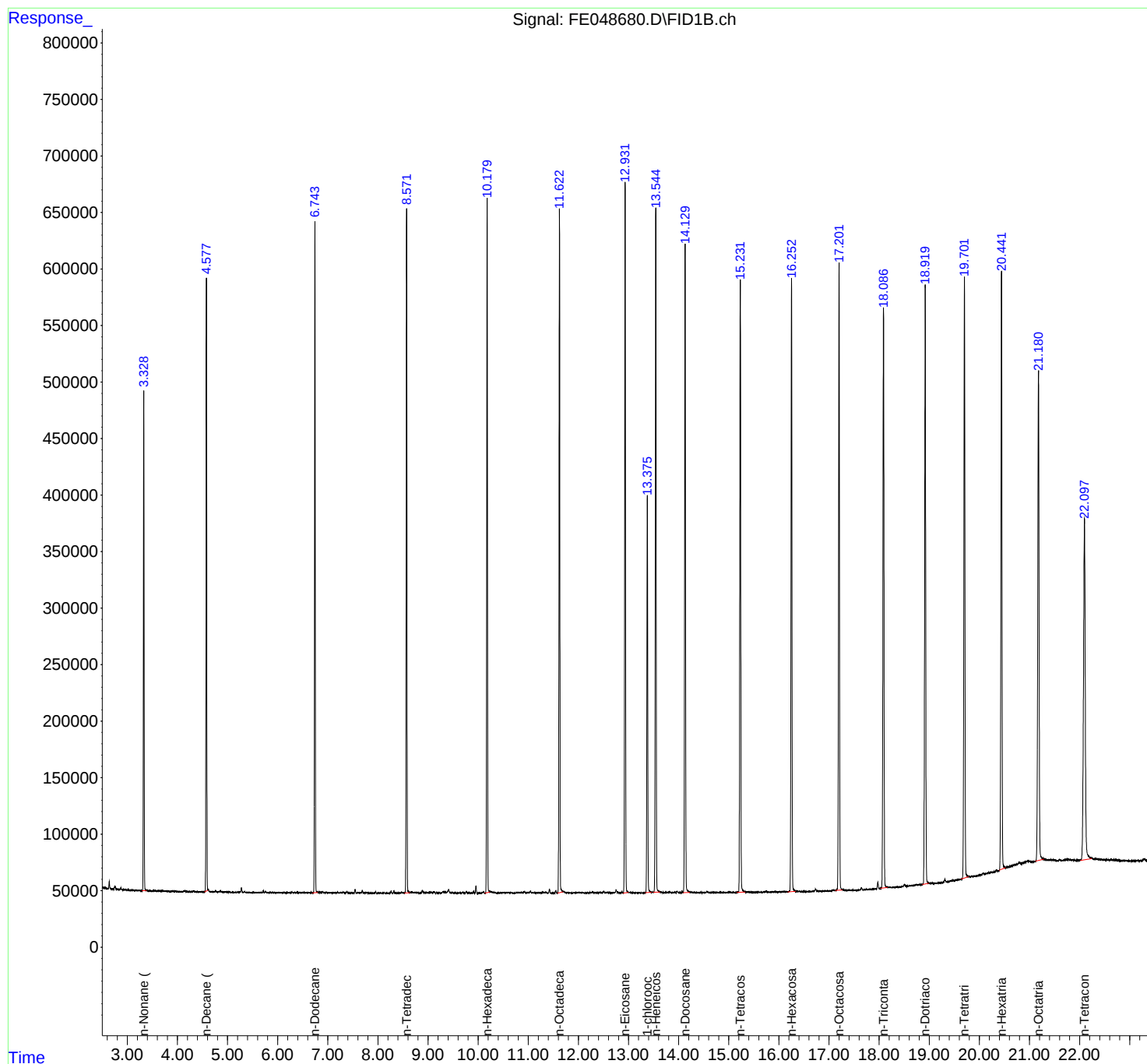
Response via : Initial Calibration

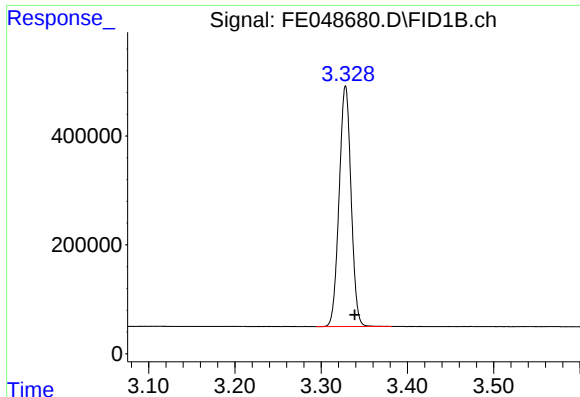
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.011 min
Response: 4251910
Conc: 28.44 ug/ml

Instrument :

FID_E

ClientSampleId :

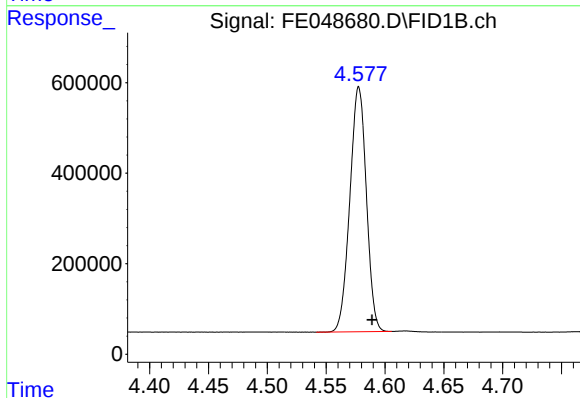
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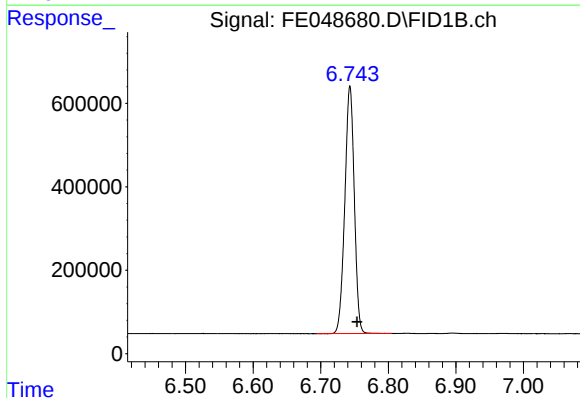
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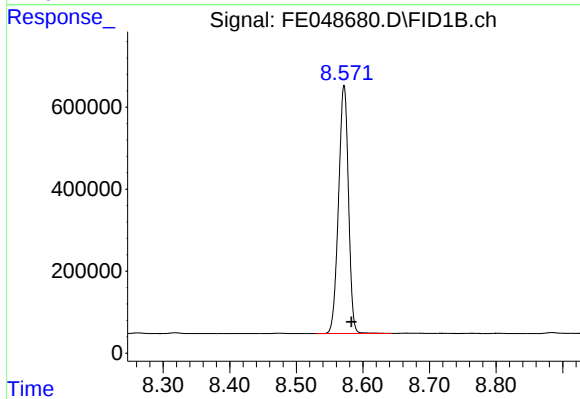
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.011 min
Response: 5289196
Conc: 35.03 ug/ml



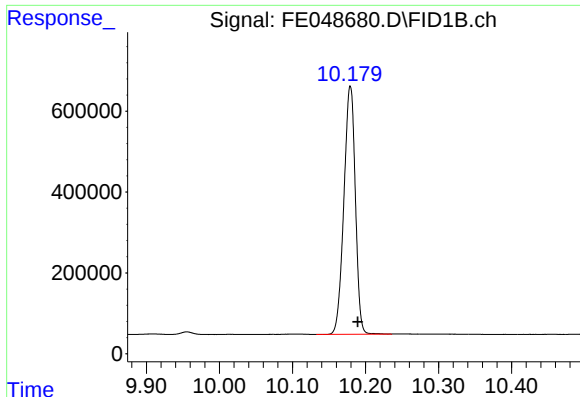
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.011 min
Response: 5785374
Conc: 39.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.011 min
Response: 6255346
Conc: 44.10 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.010 min
Response: 6681151
Conc: 47.39 ug/ml

Instrument :

FID_E

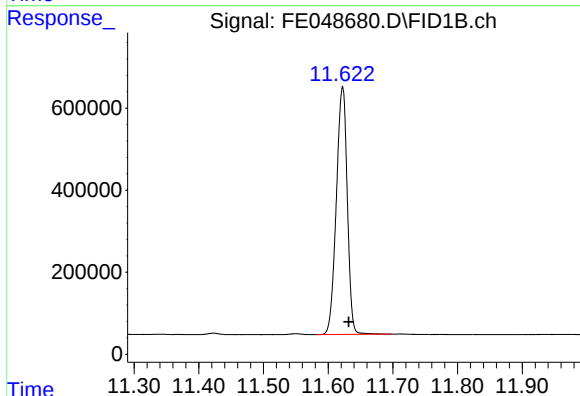
ClientSampleId :

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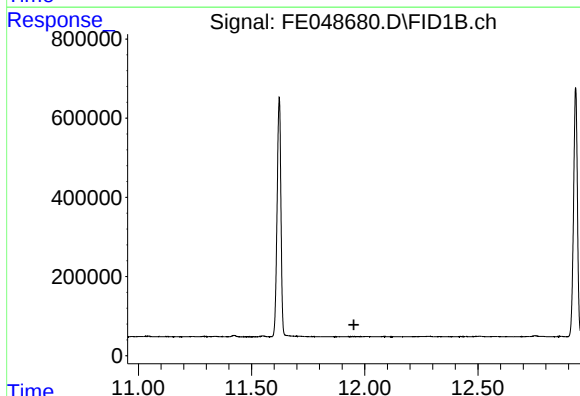
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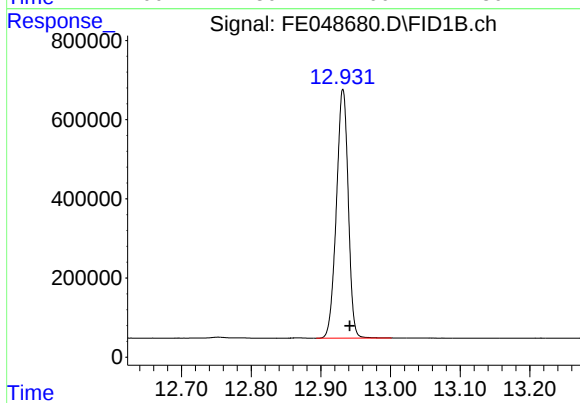
#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.009 min
Response: 7102366
Conc: 51.14 ug/ml



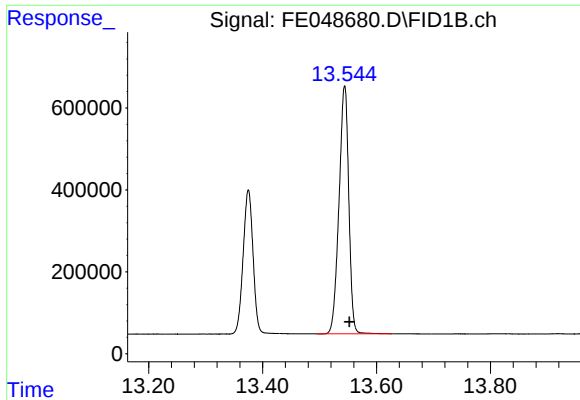
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.952 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.010 min
Response: 7413204
Conc: 56.02 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.544 min
Delta R.T.: -0.009 min
Response: 7210371
Conc: 55.67 ug/ml

Instrument :

FID_E

ClientSampleId :

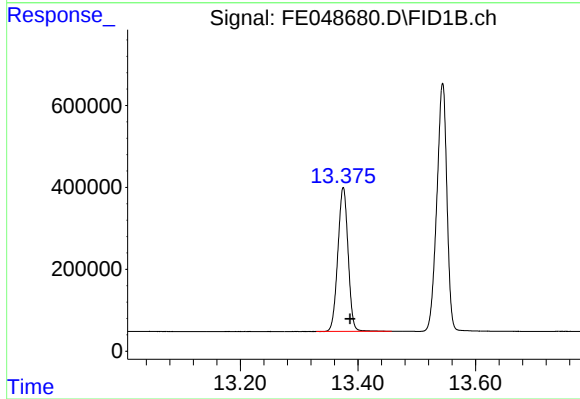
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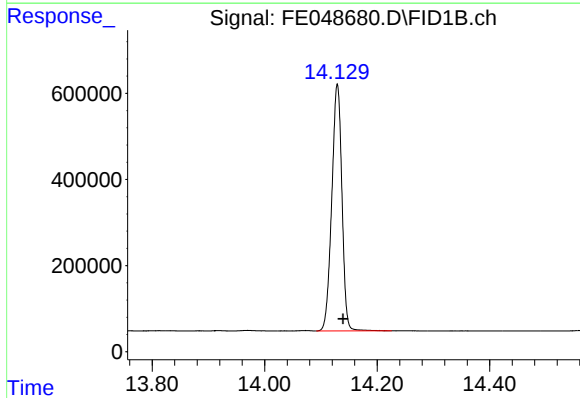
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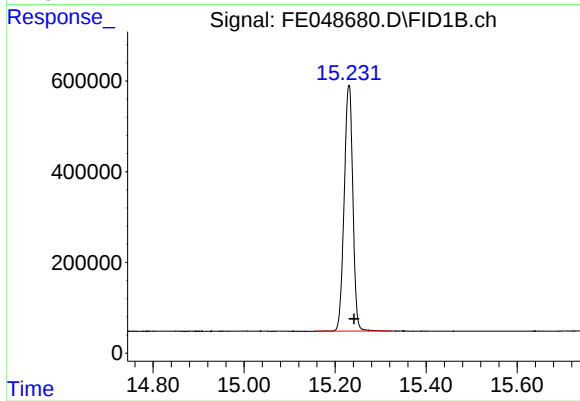
#12 1-chlorooctadecane (SURR)

R.T.: 13.375 min
Delta R.T.: -0.012 min
Response: 4252706
Conc: 39.04 ug/ml



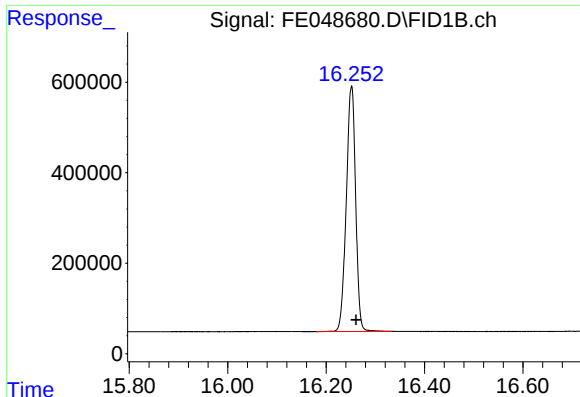
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.010 min
Response: 7189501
Conc: 55.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.011 min
Response: 7173296
Conc: 55.37 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.009 min
Response: 7162473
Conc: 55.26 ug/ml

Instrument :

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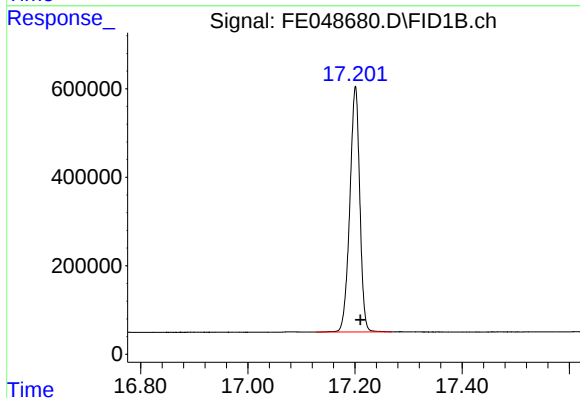
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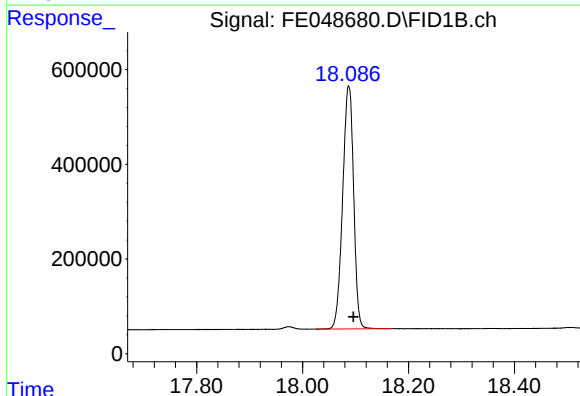
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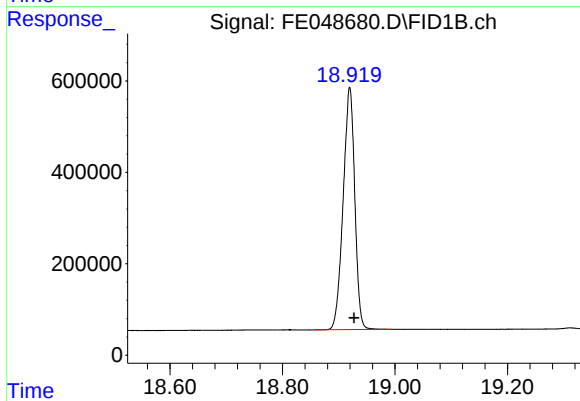
#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.009 min
Response: 7155778
Conc: 55.36 ug/ml



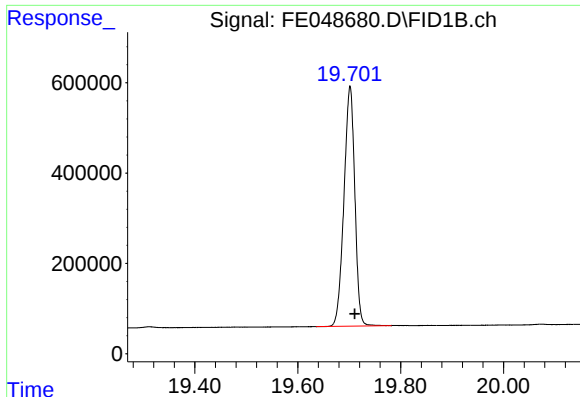
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.009 min
Response: 7384265
Conc: 55.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.008 min
Response: 7603255
Conc: 56.01 ug/ml



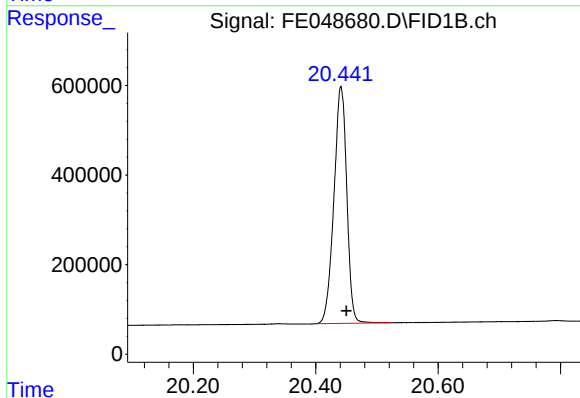
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: -0.009 min
Response: 7778179
Conc: 56.86 ug/ml

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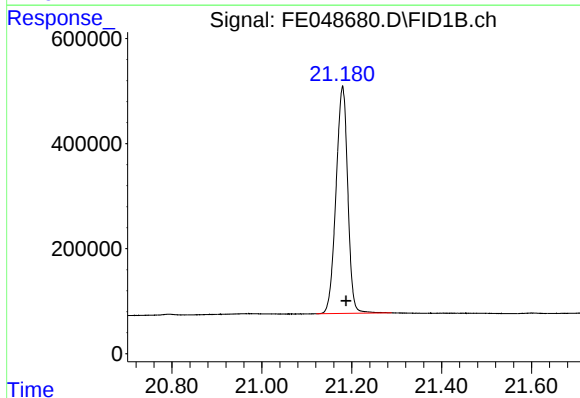
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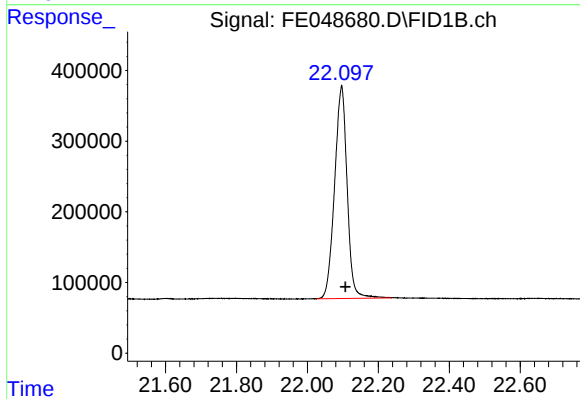
#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.009 min
Response: 7722787
Conc: 56.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: -0.008 min
Response: 7836190
Conc: 57.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: -0.011 min
Response: 7391889
Conc: 53.99 ug/ml m