

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061122AL\
 Data File : FD042877.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jun 2022 4:35
 Operator : UA/NP
 Sample : N3302-02MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 I-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: sample.E
 Quant Time: Jun 11 07:07:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.580	5120588	30.832 ug/ml
Spiked Amount 50.000		Recovery =	61.66%
12) S 1-chlorooctadecane (S...	13.015	4140536	31.704 ug/ml
Spiked Amount 50.000		Recovery =	63.41%
Target Compounds			
1) T n-Nonane (C9)	3.348	4722747	34.091 ug/ml
2) T n-Decane (C10)	4.417	5342919	38.693 ug/ml
3) T A~Naphthalene (C11.7)	5.999	6664751	42.367 ug/ml
4) T n-Dodecane (C12)	6.432	6002882	42.361 ug/ml
5) T A~2-methylnaphthalene...	7.055	6904084	43.123 ug/ml
6) T n-Tetradecane (C14)	8.227	6656568	46.221 ug/ml
7) T n-Hexadecane (C16)	9.826	7181607	48.686 ug/ml
8) T n-Octadecane (C18)	11.266	7445581	49.467 ug/ml
10) T n-Eicosane (C20)	12.574	7120403	47.350 ug/ml
11) T n-Heneicosane (C21)	13.184	6977495	46.091 ug/ml
13) T n-Docosane (C22)	13.770	6857351	45.365 ug/ml
14) T n-Tetracosane (C24)	14.870	5386280	35.890 ug/ml
15) T n-Hexacosane (C26)	15.891	6254654	42.901 ug/ml
16) T n-Octacosane (C28)	16.838	6017095	43.142 ug/mlm
17) T n-Tricontane (C30)	17.724	5777875	44.193 ug/mlm
18) T n-Dotriacontane (C32)	18.555	5765108	48.826 ug/ml
19) T n-Tetratriacontane (C34)	19.336	5720277	53.811 ug/mlm
20) T n-Hexatriacontane (C36)	20.076	5052969	51.678 ug/mlm
21) T n-Octatriacontane (C38)	20.808	4816762	52.808 ug/mlm
22) T n-Tetracontane (C40)	21.714	5019071	61.938 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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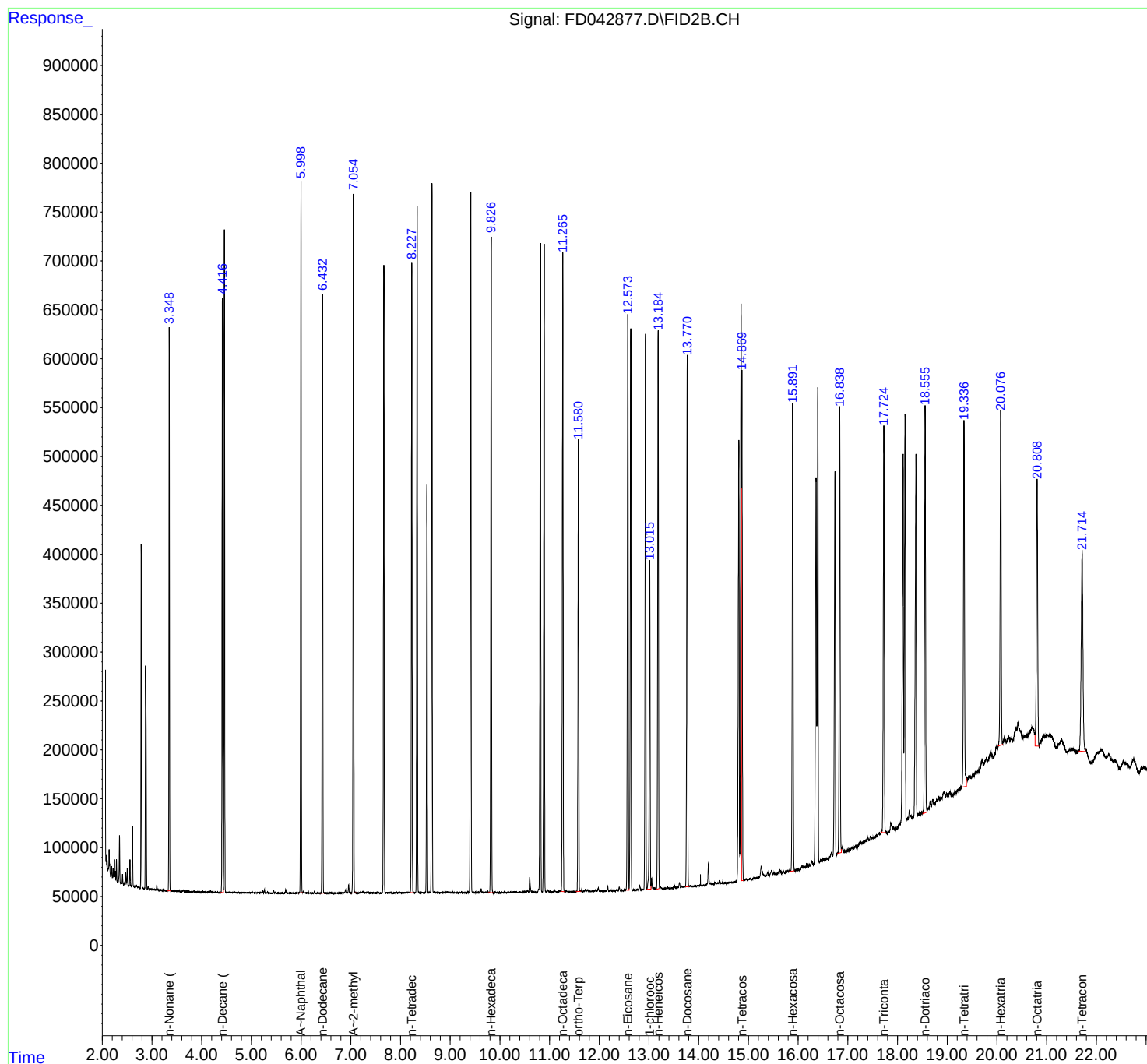
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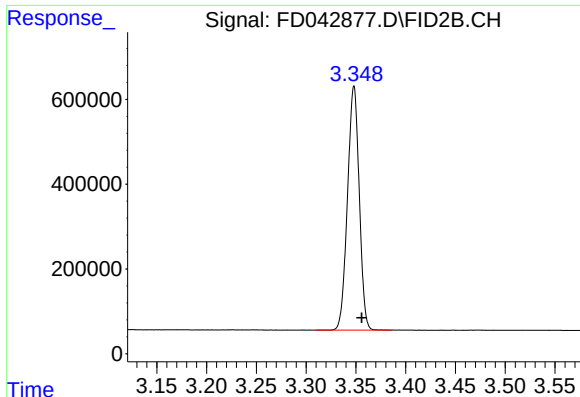
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.008 min
Response: 4722747
Conc: 34.09 ug/ml

Instrument :

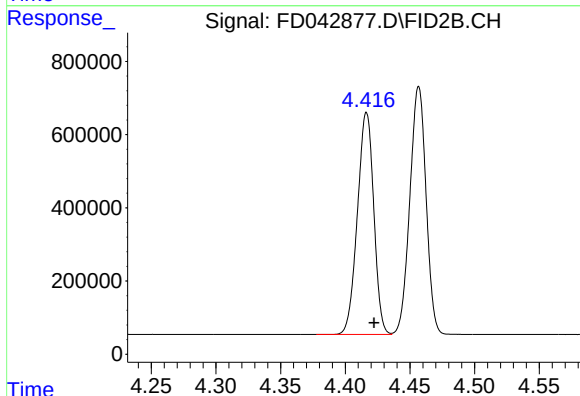
FID_D

ClientSampleId :

I-2MSD

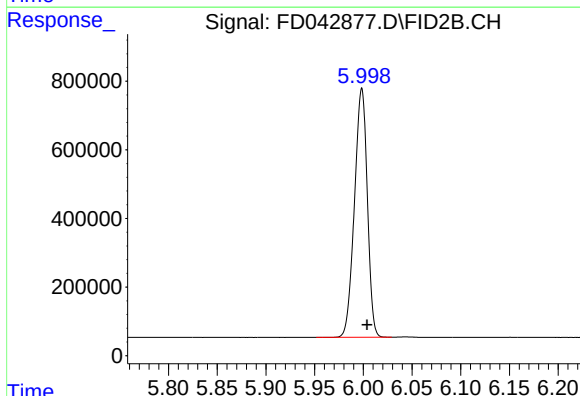
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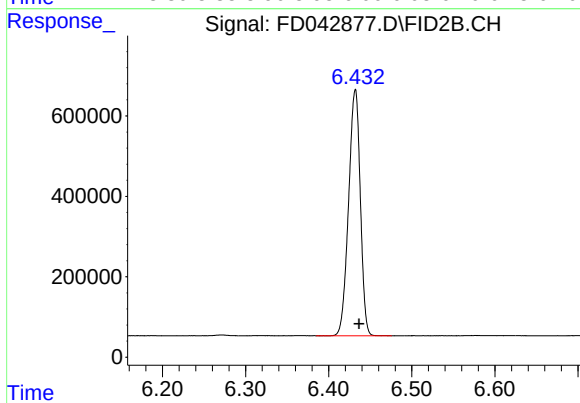
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.006 min
Response: 5342919
Conc: 38.69 ug/ml



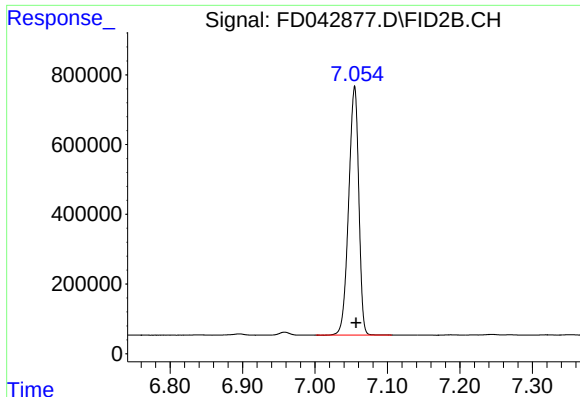
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 6664751
Conc: 42.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 6002882
Conc: 42.36 ug/ml



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

R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 6904084
Conc: 43.12 ug/ml

Instrument :

FID_D

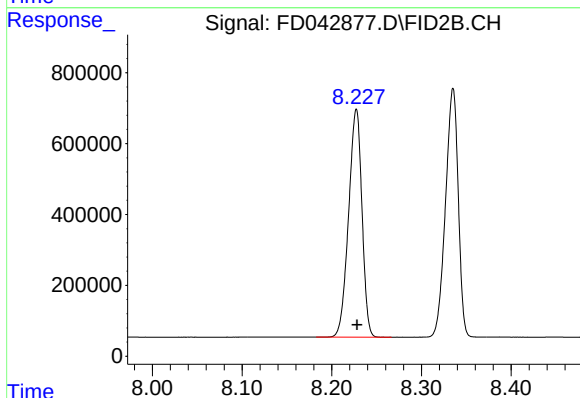
ClientSampleId :

I-2MSD

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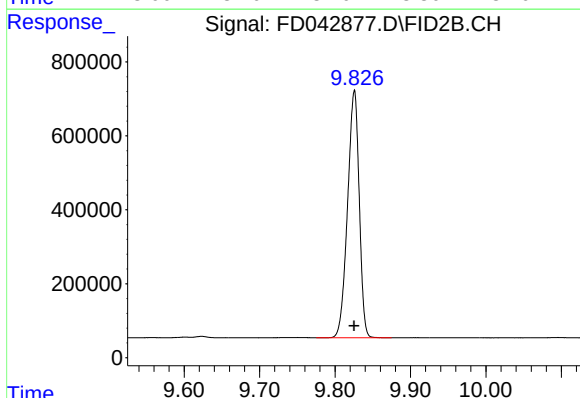
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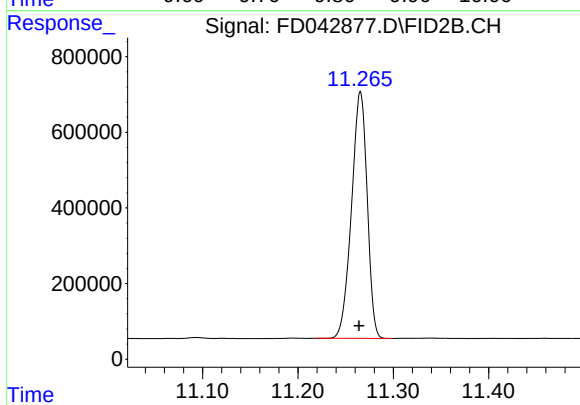
#6 n-Tetradecane (C14)

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 6656568
Conc: 46.22 ug/ml



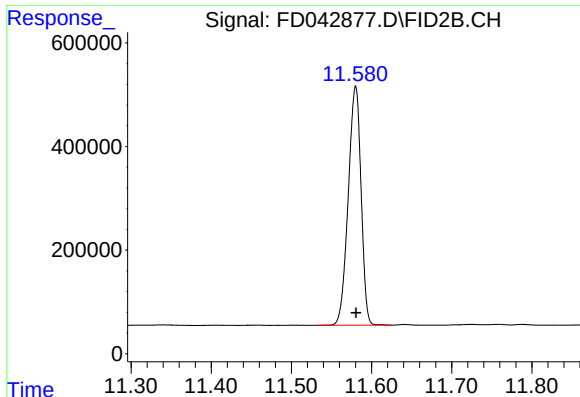
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: 0.000 min
Response: 7181607
Conc: 48.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.266 min
Delta R.T.: 0.001 min
Response: 7445581
Conc: 49.47 ug/ml



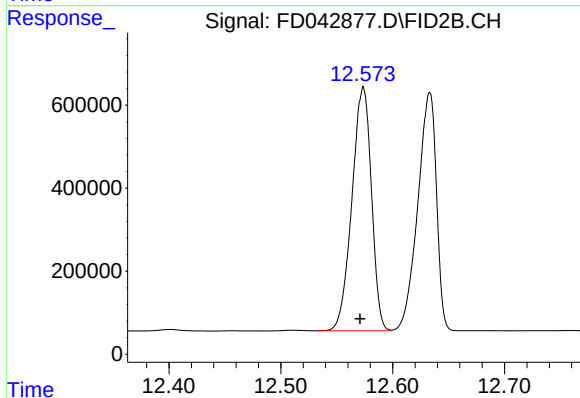
#9 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 5120588
Conc: 30.83 ug/ml

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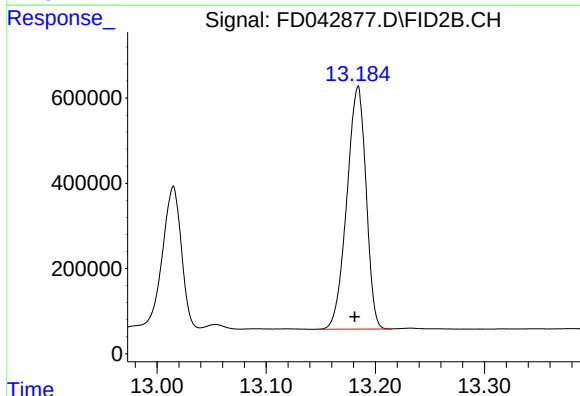
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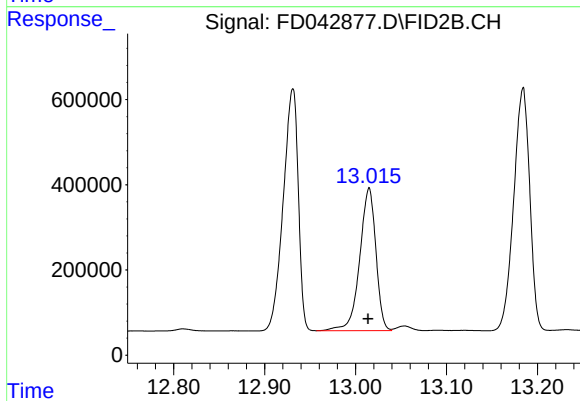
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: 0.003 min
Response: 7120403
Conc: 47.35 ug/ml



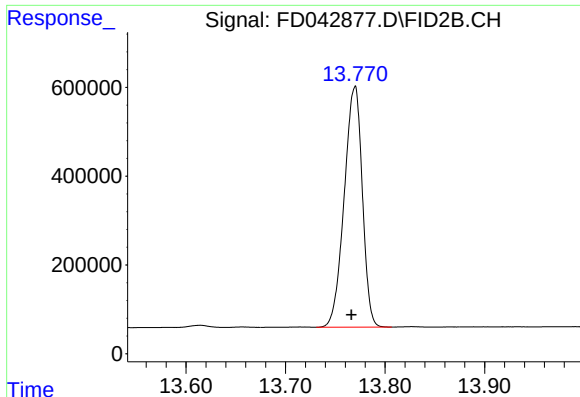
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: 0.003 min
Response: 6977495
Conc: 46.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: 0.001 min
Response: 4140536
Conc: 31.70 ug/ml



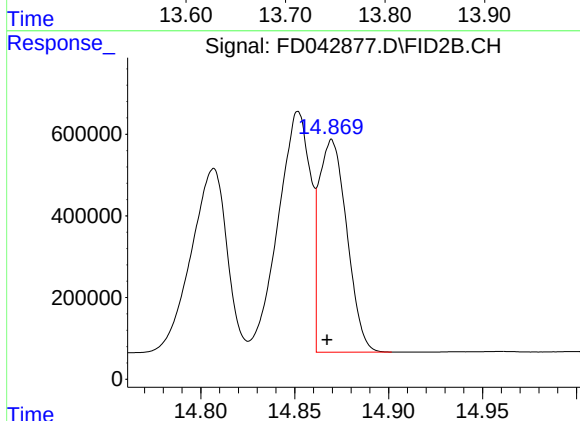
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: 0.003 min
Response: 6857351
Conc: 45.36 ug/ml

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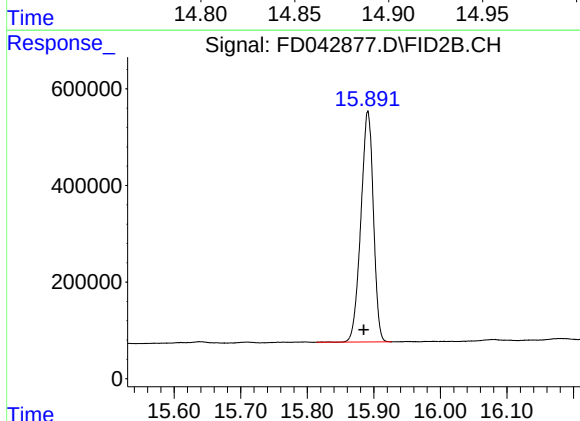
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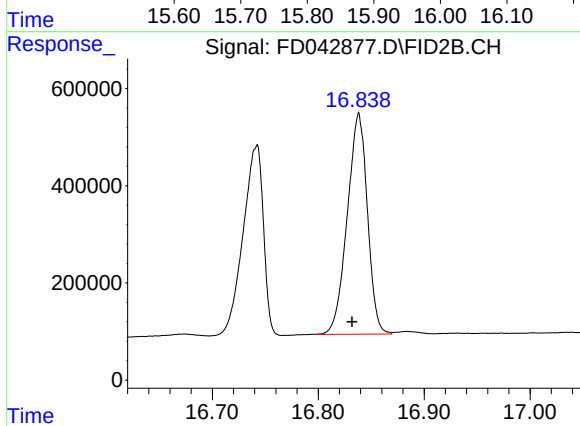
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: 0.003 min
Response: 5386280
Conc: 35.89 ug/ml



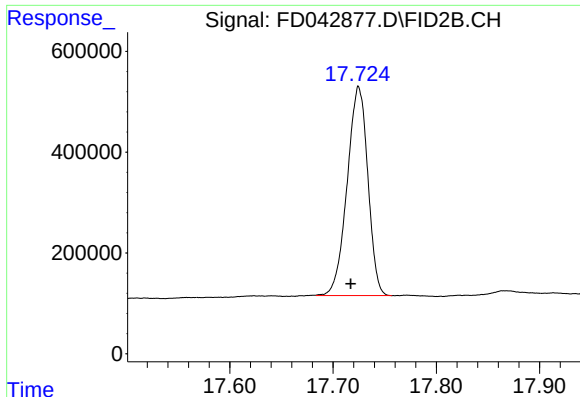
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: 0.006 min
Response: 6254654
Conc: 42.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.838 min
Delta R.T.: 0.006 min
Response: 6017095
Conc: 43.14 ug/ml m



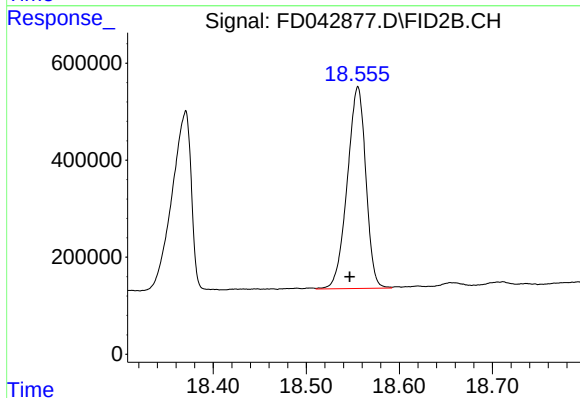
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: 0.007 min
Response: 5777875
Conc: 44.19 ug/ml

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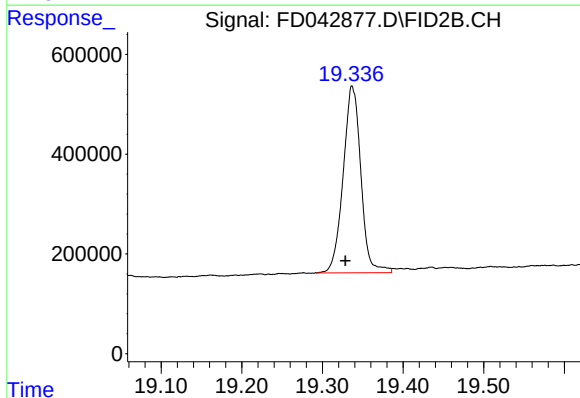
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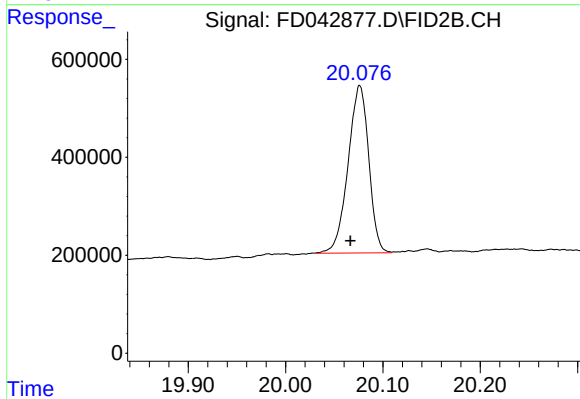
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.009 min
Response: 5765108
Conc: 48.83 ug/ml



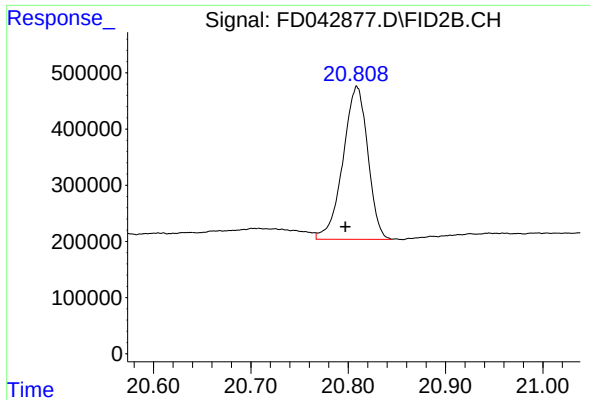
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.007 min
Response: 5720277
Conc: 53.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.009 min
Response: 5052969
Conc: 51.68 ug/ml m



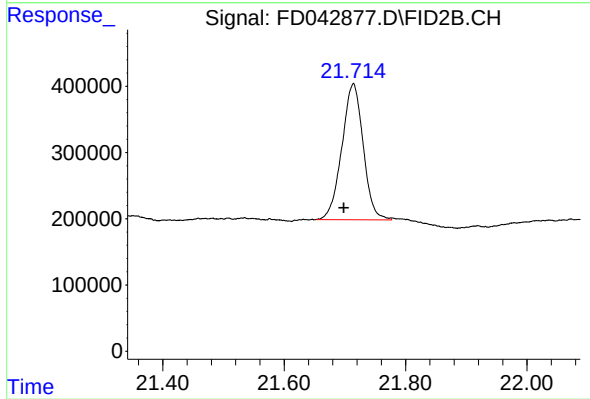
#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.011 min
Response: 4816762
Conc: 52.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: 0.016 min
Response: 5019071
Conc: 61.94 ug/ml m