

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042886.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2023 00:09
 Operator : YP\AJ
 Sample : 03392-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SB-64MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e

Quant Time: Jun 25 05:10:28 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M

Quant Title : GC Extractables

QLast Update : Wed Jun 21 11:03:59 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)	11.925	4413573	24.026 ug/ml
Spiked Amount 50.000		Recovery =	48.05%
12) S 1-chlorooctadecane (S...	13.361	3658017	26.879 ug/ml
Spiked Amount 50.000		Recovery =	53.76%
Target Compounds			
1) T n-Nonane (C9)	3.304	3869938	25.053 ug/ml
2) T n-Decane (C10)	4.556	4326818	27.392 ug/ml
3) T A~Naphthalene (C11.7)	6.264	5128325	30.287 ug/ml
4) T n-Dodecane (C12)	6.724	4766718	29.780 ug/ml
5) T A~2-methylnaphthalene...	7.362	5116805	31.559 ug/ml
6) T n-Tetradecane (C14)	8.555	4997885	31.403 ug/ml
7) T n-Hexadecane (C16)	10.161	5272003	32.010 ug/ml
8) T n-Octadecane (C18)	11.606	5655682	34.026 ug/ml
10) T n-Eicosane (C20)	12.917	5448266	34.335 ug/ml
11) T n-Heneicosane (C21)	13.528	5339757	34.514 ug/ml
13) T n-Docosane (C22)	14.115	5248653	34.456 ug/ml
14) T n-Tetracosane (C24)	15.213	10002259	67.413 ug/ml
15) T n-Hexacosane (C26)	16.241	4879634	34.132 ug/ml
16) T n-Octacosane (C28)	17.190	4723599	34.057 ug/ml
17) T n-Tricontane (C30)	18.080	4693685	33.188 ug/ml
18) T n-Dotriacontane (C32)	18.910	4661616	33.236 ug/ml
19) T n-Tetratriacontane (C34)	19.694	4526723	33.079 ug/ml
20) T n-Hexatriacontane (C36)	20.434	4372494	32.695 ug/ml
21) T n-Octatriacontane (C38)	21.180	4339964	31.832 ug/ml
22) T n-Tetracontane (C40)	22.100	4528482	32.549 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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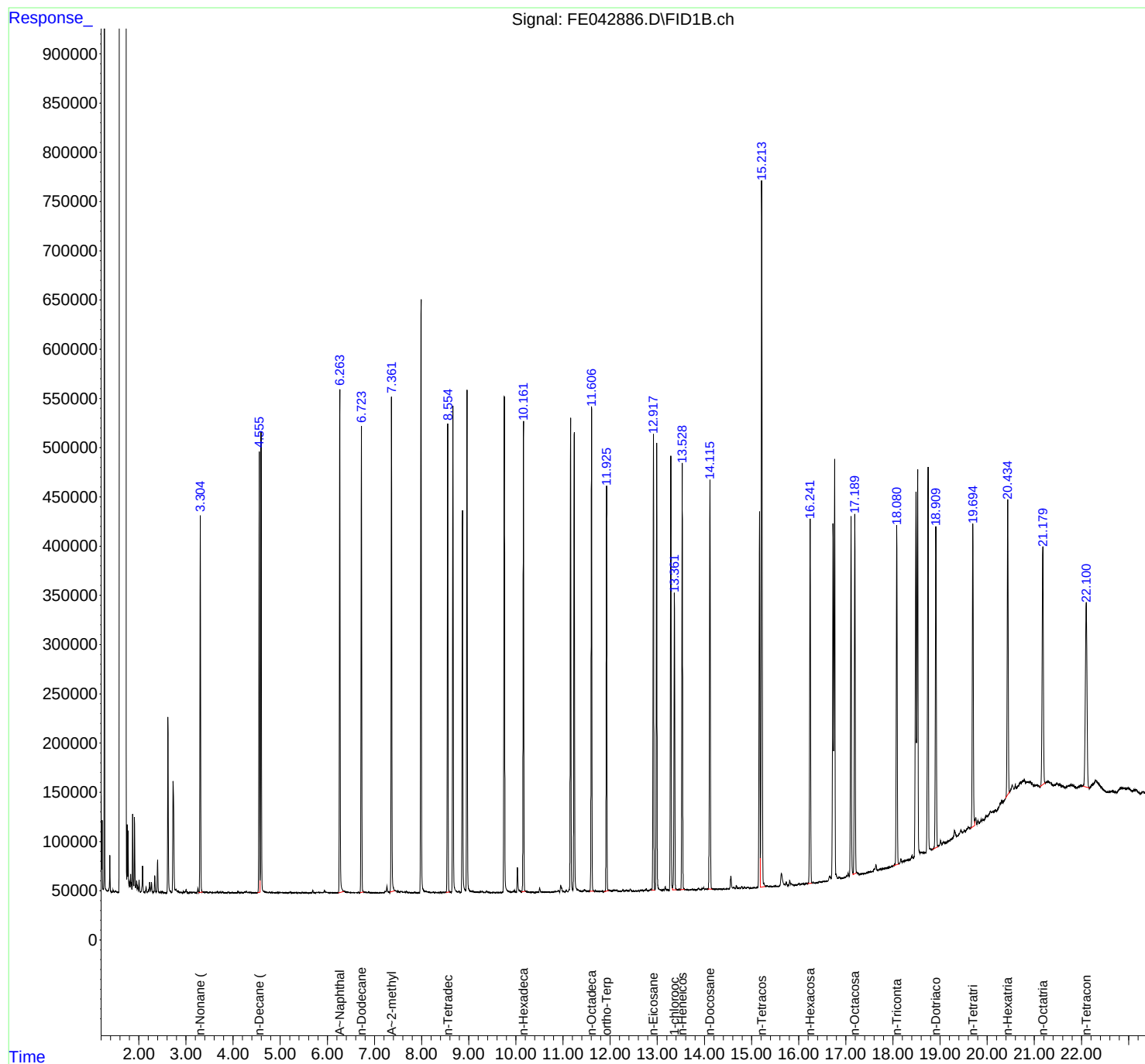
Instrument :
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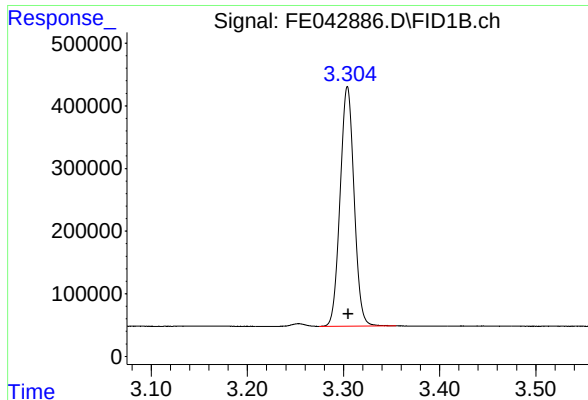
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QLast Update : Wed Jun 21 11:03:59 2023
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 3869938
Conc: 25.05 ug/ml

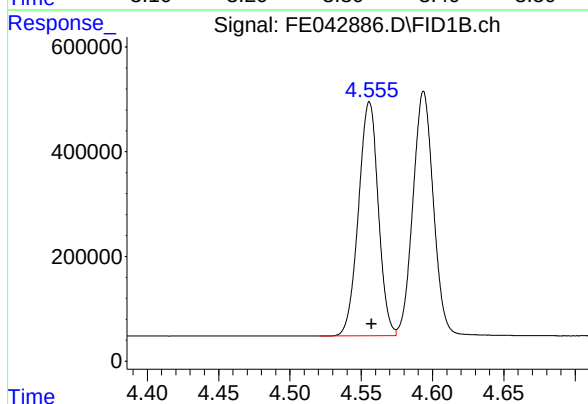
Instrument :

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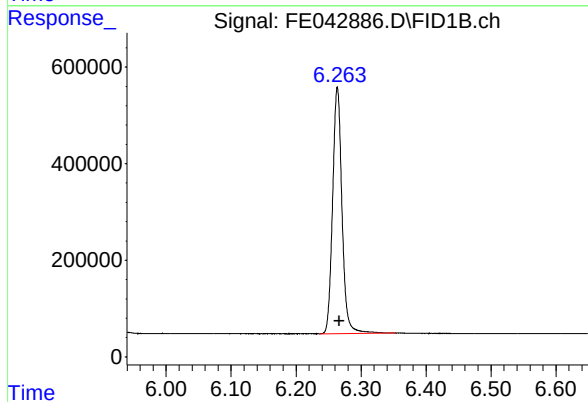
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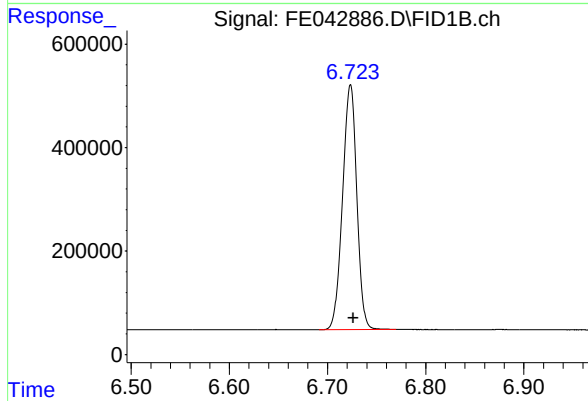
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 4326818
Conc: 27.39 ug/ml



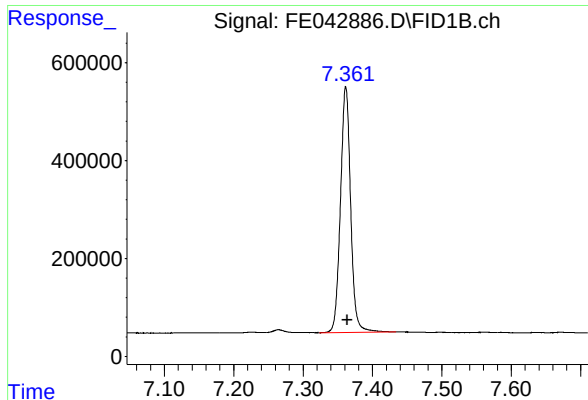
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.003 min
Response: 5128325
Conc: 30.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 4766718
Conc: 29.78 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.002 min
Response: 5116805
Conc: 31.56 ug/ml

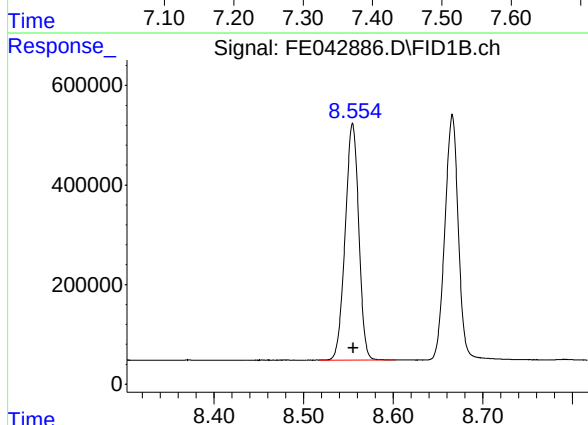
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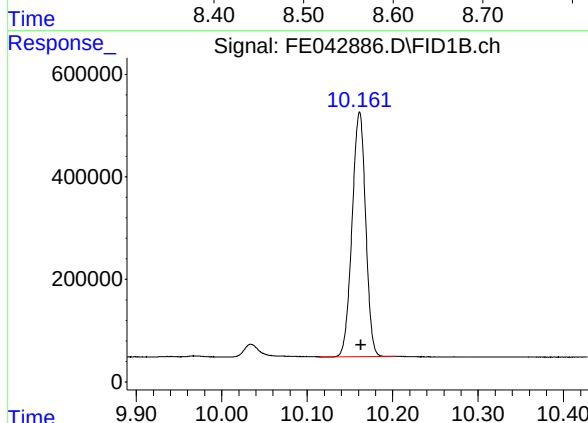
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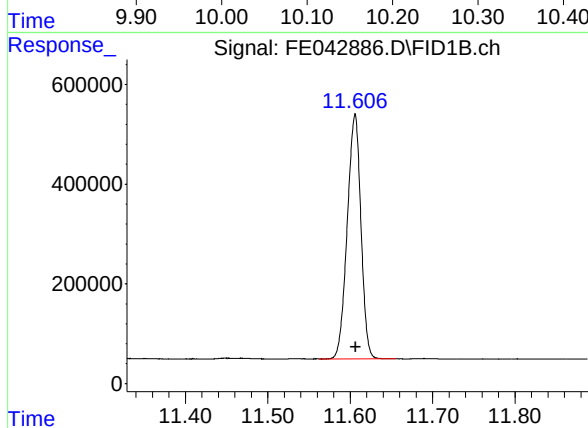
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 4997885
Conc: 31.40 ug/ml



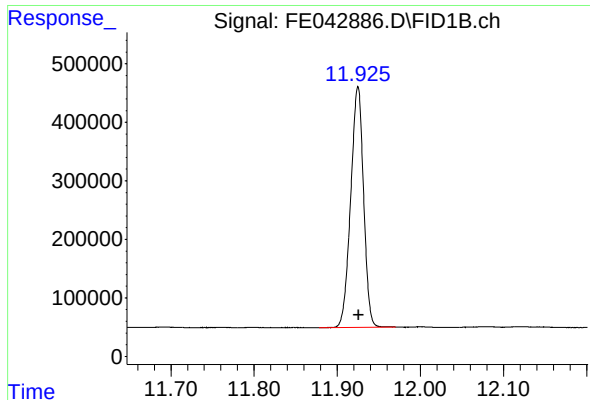
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.002 min
Response: 5272003
Conc: 32.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: 0.000 min
Response: 5655682
Conc: 34.03 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 4413573
Conc: 24.03 ug/ml

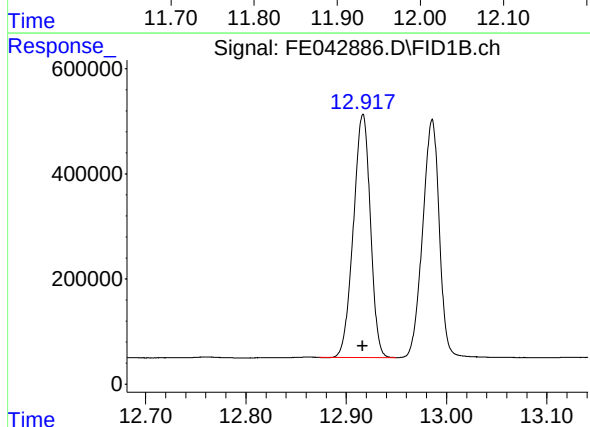
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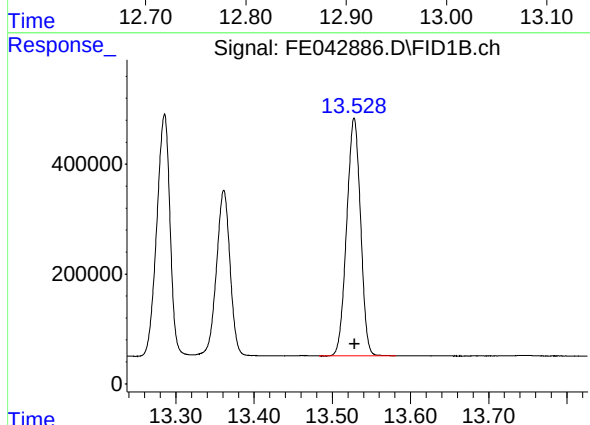
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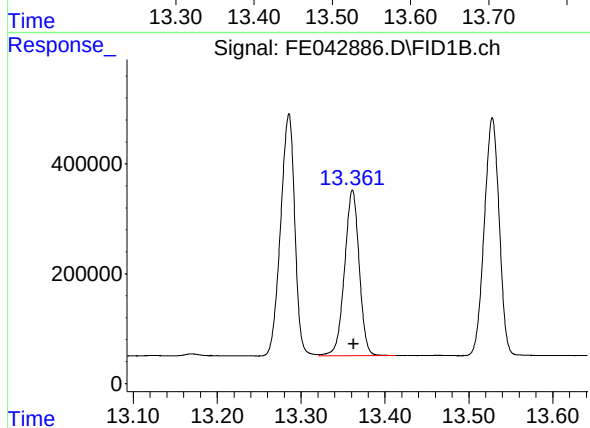
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 5448266
Conc: 34.33 ug/ml



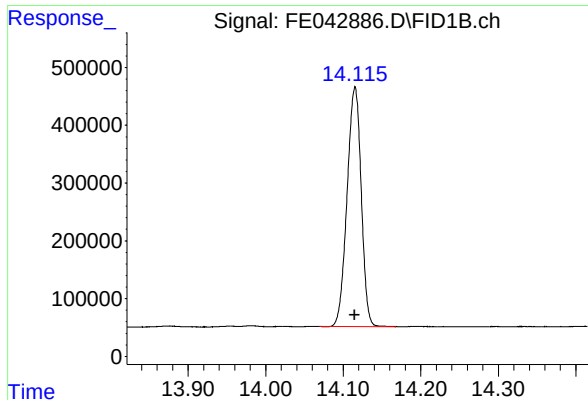
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.000 min
Response: 5339757
Conc: 34.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.001 min
Response: 3658017
Conc: 26.88 ug/ml



#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: 0.000 min
Response: 5248653
Conc: 34.46 ug/ml

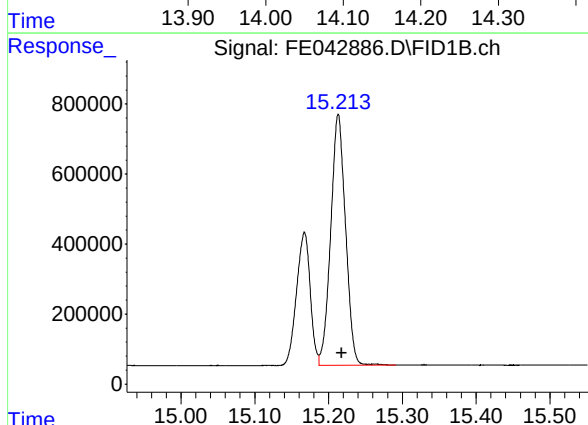
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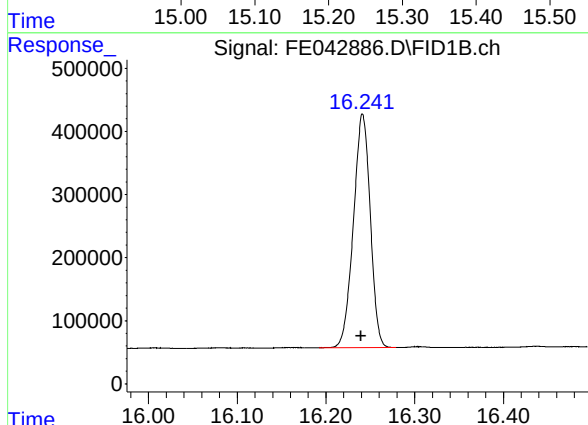
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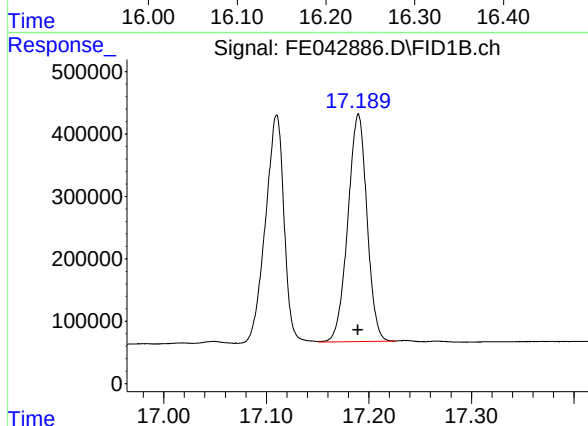
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.005 min
Response: 10002259
Conc: 67.41 ug/ml



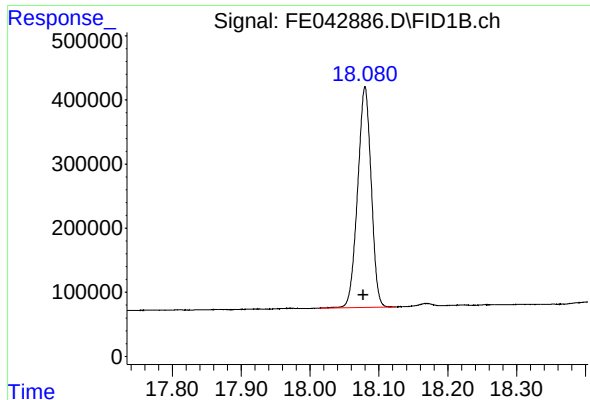
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.002 min
Response: 4879634
Conc: 34.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 4723599
Conc: 34.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: 0.003 min
Response: 4693685
Conc: 33.19 ug/ml

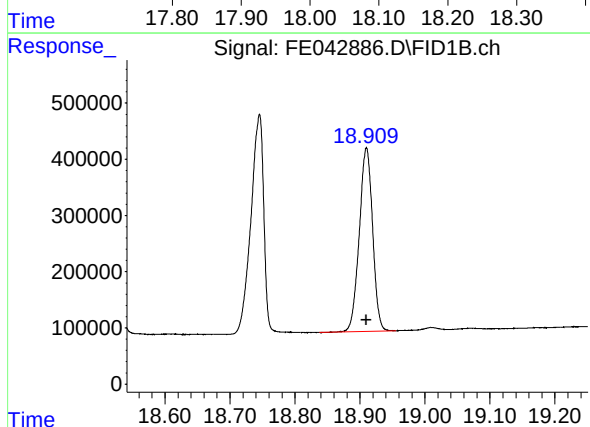
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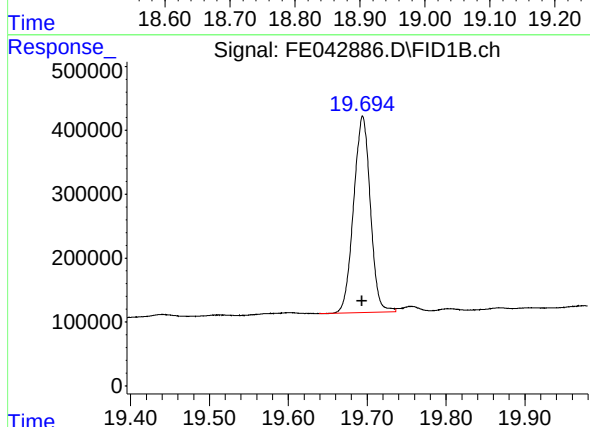
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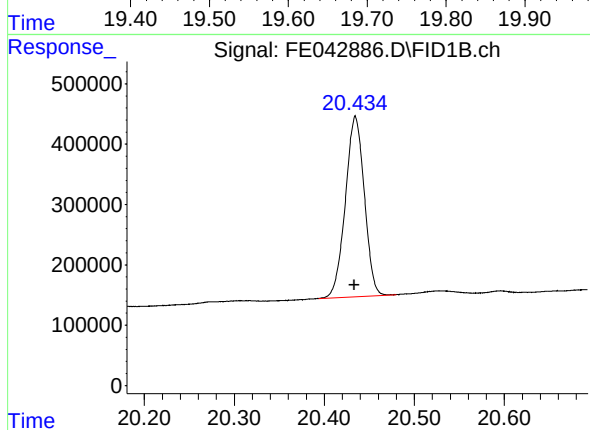
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 4661616
Conc: 33.24 ug/ml



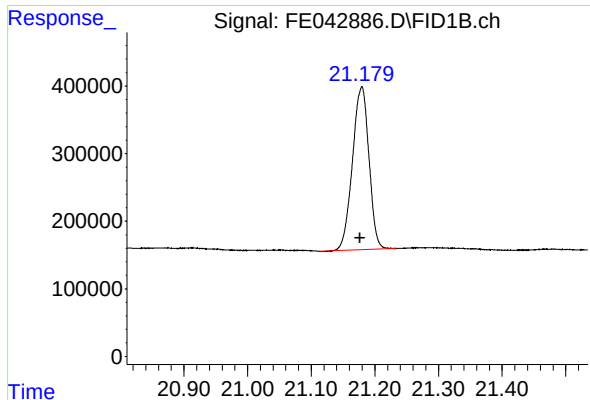
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.001 min
Response: 4526723
Conc: 33.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 4372494
Conc: 32.69 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.003 min
Response: 4339964
Conc: 31.83 ug/ml

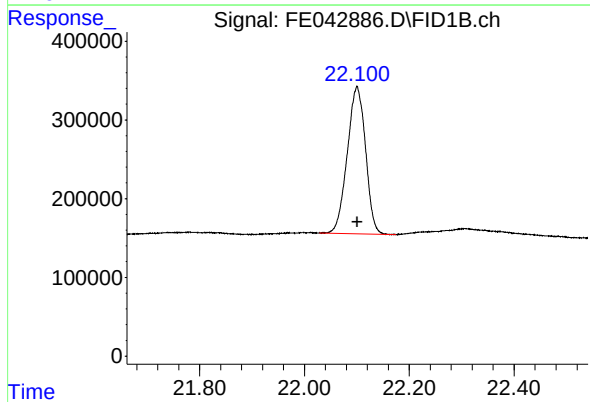
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#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.000 min
Response: 4528482
Conc: 32.55 ug/ml