

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049331.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 14:09
 Operator : YP\AJ
 Sample : PB162380BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162380BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/01/2024

Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e

Quant Time: Aug 01 01:19:39 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M

Quant Title : GC Extractables

QLast Update : Wed Jul 17 14:26:40 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			
9) S ortho-Terphenyl (SURR)	11.907	6688757	43.124 ug/ml
Spiked Amount 50.000		Recovery =	86.25%
12) S 1-chlorooctadecane (S...	13.342	5221684	44.692 ug/ml
Spiked Amount 50.000		Recovery =	89.38%
Target Compounds			
1) T n-Nonane (C9)	3.303	6235168	41.460 ug/ml
2) T n-Decane (C10)	4.548	6546397	42.385 ug/ml
3) T A~Naphthalene (C11.7)	6.251	7293498	46.812 ug/ml
4) T n-Dodecane (C12)	6.711	6452846	41.907 ug/ml
5) T A~2-methylnaphthalene...	7.347	7090321	48.721 ug/ml
6) T n-Tetradecane (C14)	8.540	6682806	44.031 ug/ml
7) T n-Hexadecane (C16)	10.145	6632866	43.736 ug/ml
8) T n-Octadecane (C18)	11.588	6544713	43.105 ug/ml
10) T n-Eicosane (C20)	12.897	6511843	45.031 ug/ml
11) T n-Heneicosane (C21)	13.508	6316981	44.546 ug/ml
13) T n-Docosane (C22)	14.094	6226344	44.318 ug/ml
14) T n-Tetracosane (C24)	15.192	12193823	87.005 ug/ml
15) T n-Hexacosane (C26)	16.218	6164630	43.964 ug/ml
16) T n-Octacosane (C28)	17.166	6531512	46.665 ug/ml
17) T n-Tricontane (C30)	18.054	6255553	42.884 ug/ml
18) T n-Dotriacontane (C32)	18.885	6635952	45.131 ug/ml
19) T n-Tetratriacontane (C34)	19.669	6515049	44.603 ug/ml
20) T n-Hexatriacontane (C36)	20.408	6651199	46.138 ug/ml
21) T n-Octatriacontane (C38)	21.141	6986495	46.673 ug/ml
22) T n-Tetracontane (C40)	22.046	6814502	45.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Wed Jul 17 14:26:40 2024

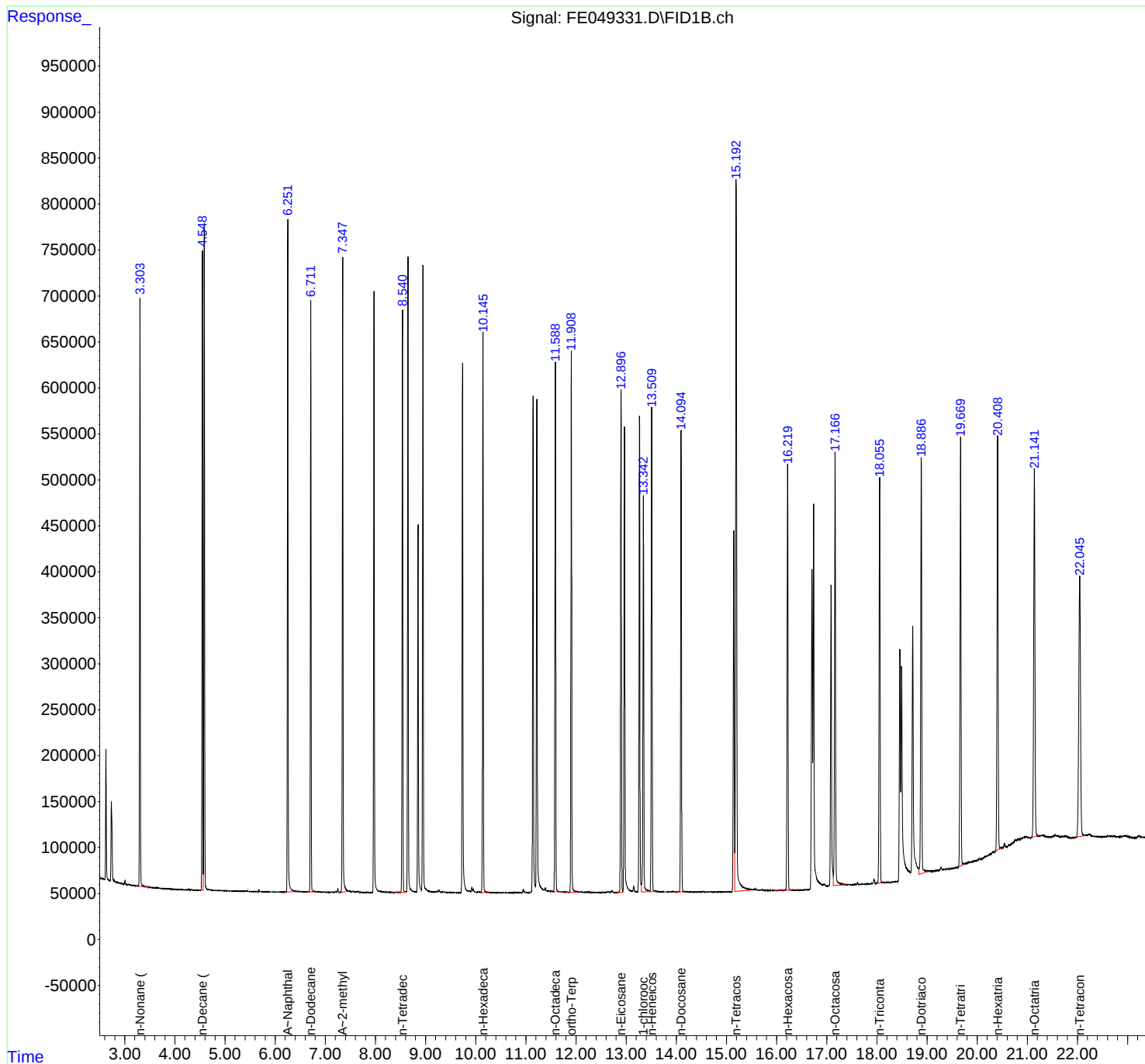
Response via : Initial Calibration

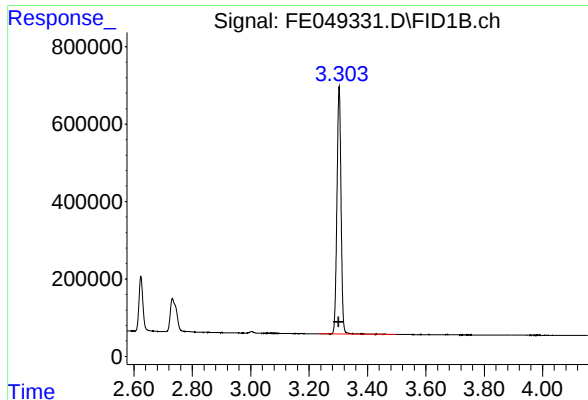
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





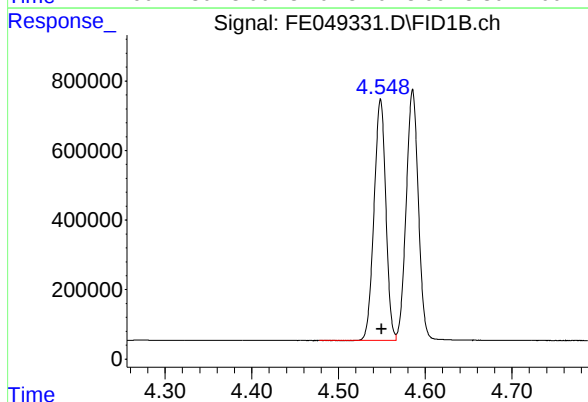
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 6235168
Conc: 41.46 ug/ml

Instrument :
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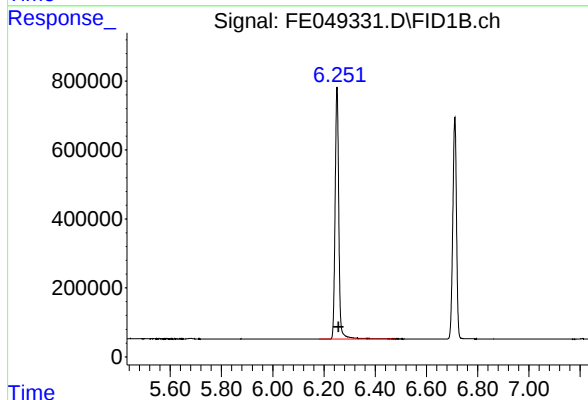
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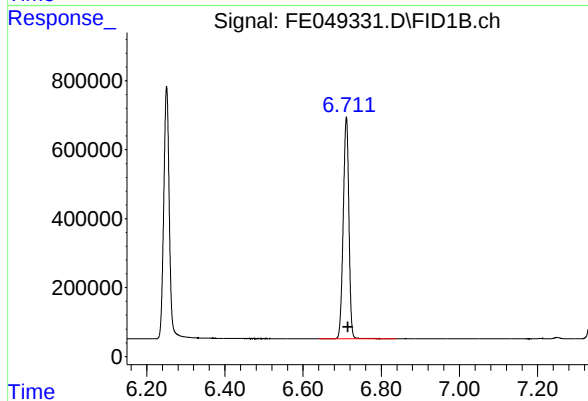
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 6546397
Conc: 42.38 ug/ml



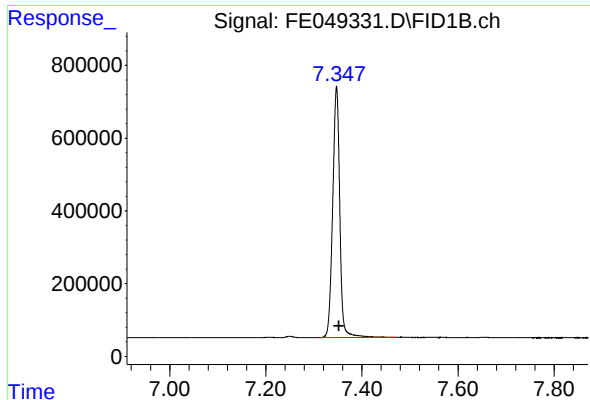
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.006 min
Response: 7293498
Conc: 46.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 6452846
Conc: 41.91 ug/ml



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

R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 7090321
Conc: 48.72 ug/ml

Instrument :

FID_E

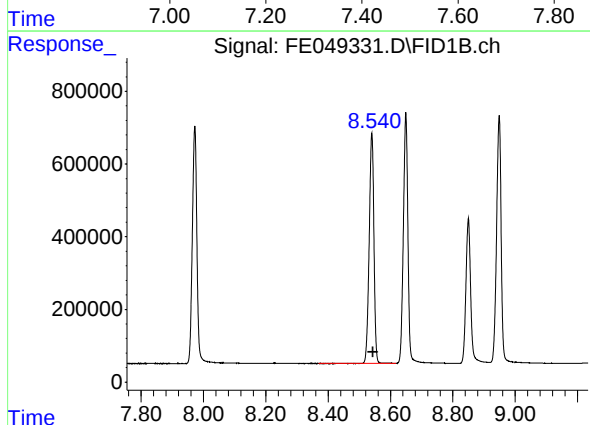
ClientSampleId :

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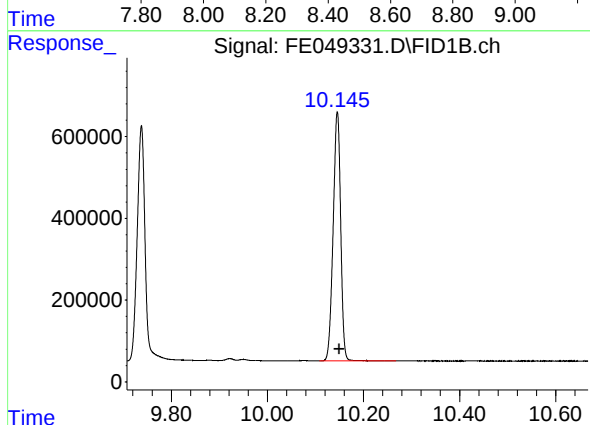
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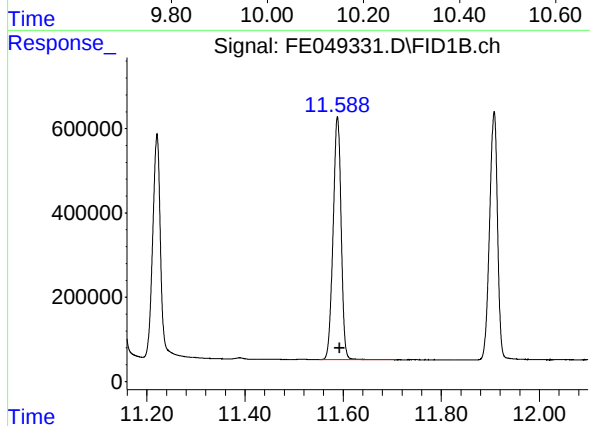
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 6682806
Conc: 44.03 ug/ml



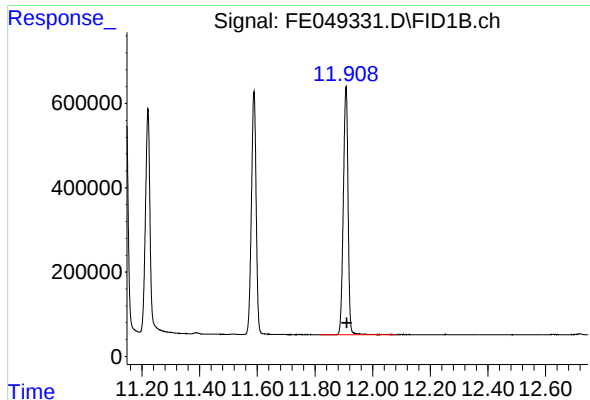
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.005 min
Response: 6632866
Conc: 43.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.005 min
Response: 6544713
Conc: 43.11 ug/ml



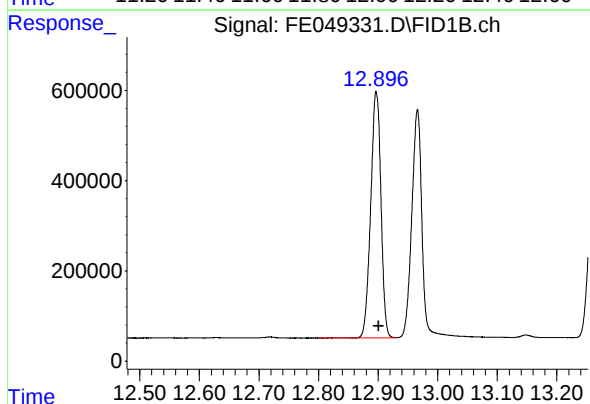
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.004 min
Response: 6688757
Conc: 43.12 ug/ml

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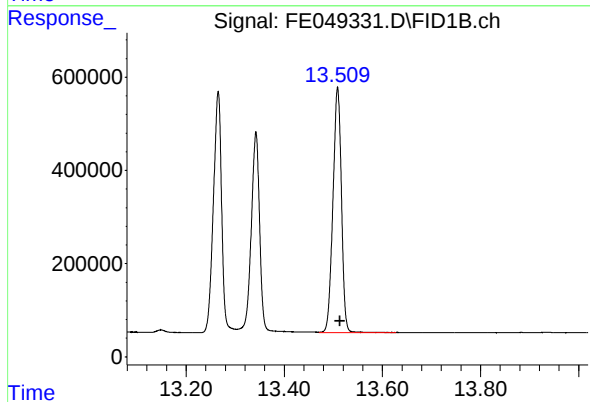
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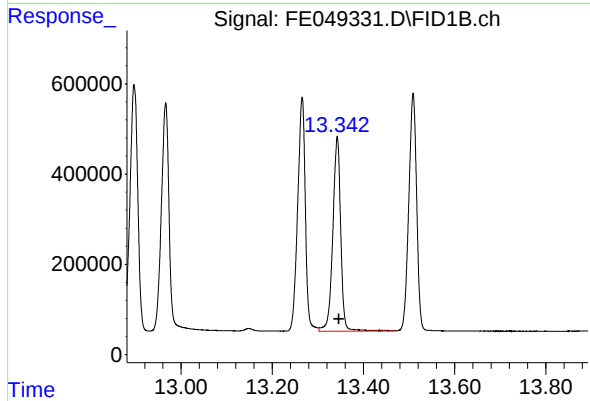
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 6511843
Conc: 45.03 ug/ml



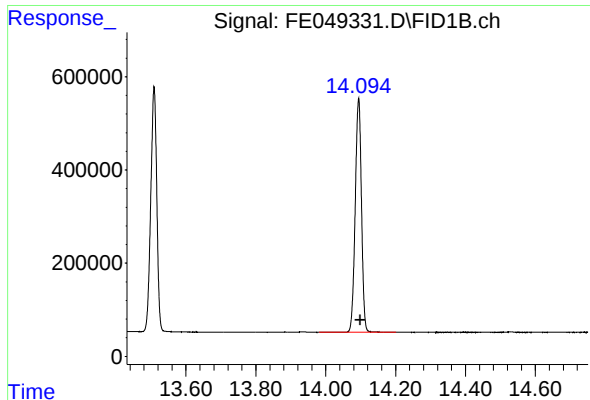
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.005 min
Response: 6316981
Conc: 44.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.005 min
Response: 5221684
Conc: 44.69 ug/ml



#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 6226344
Conc: 44.32 ug/ml

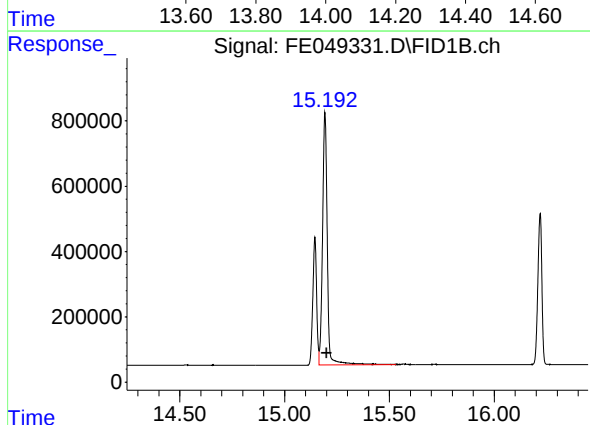
Instrument :

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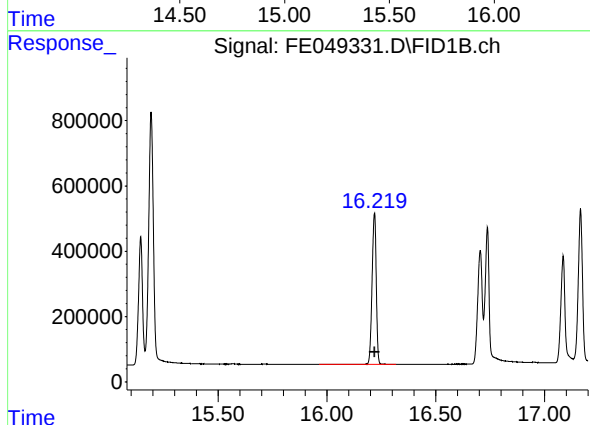
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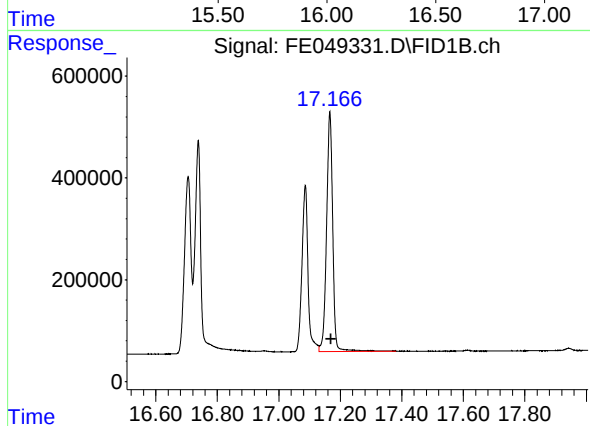
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.008 min
Response: 12193823
Conc: 87.00 ug/ml



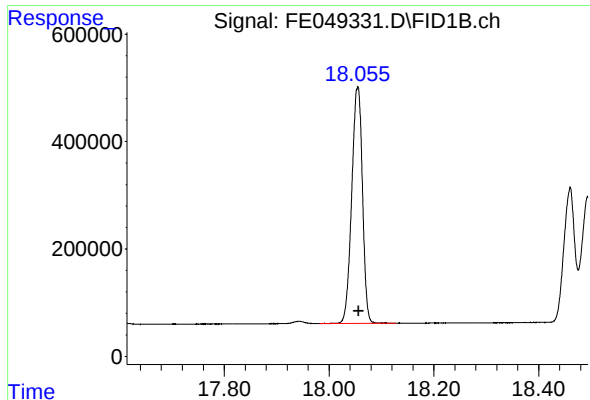
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.003 min
Response: 6164630
Conc: 43.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.004 min
Response: 6531512
Conc: 46.66 ug/ml



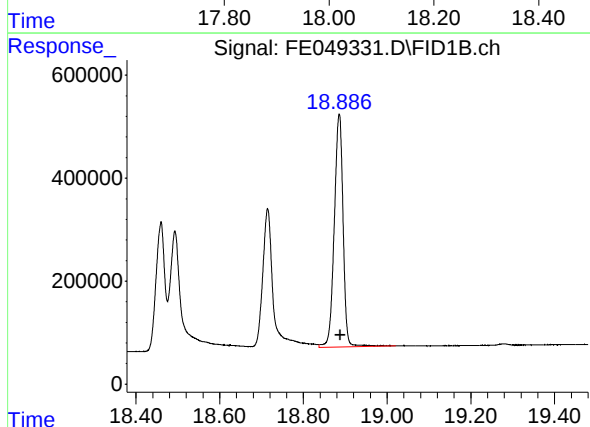
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.003 min
Response: 6255553
Conc: 42.88 ug/ml

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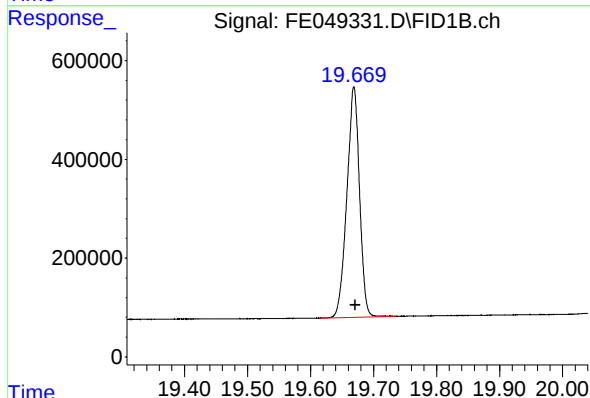
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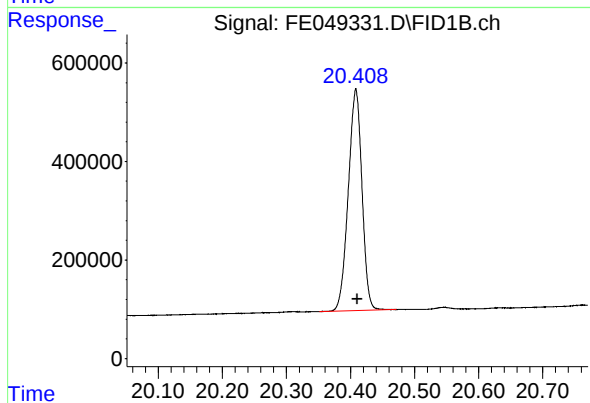
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.003 min
Response: 6635952
Conc: 45.13 ug/ml



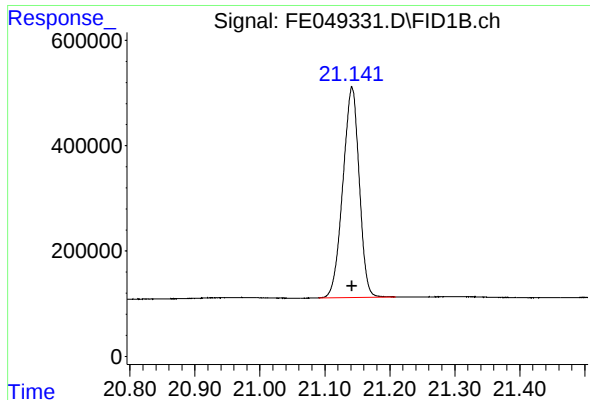
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.002 min
Response: 6515049
Conc: 44.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.003 min
Response: 6651199
Conc: 46.14 ug/ml



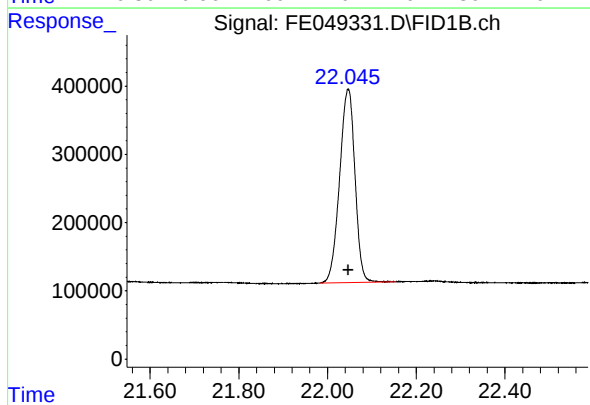
#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 6986495
Conc: 46.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.046 min
Delta R.T.: 0.000 min
Response: 6814502
Conc: 45.16 ug/ml