

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049894.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 15:13
 Operator : YP\AJ
 Sample : PB163107BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163107BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/04/2024

Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e

Quant Time: Sep 04 01:32:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 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)	11.881	7172800	44.356 ug/ml
Spiked Amount 50.000		Recovery =	88.71%
12) S 1-chlorooctadecane (S...	13.314	5557183	45.548 ug/ml
Spiked Amount 50.000		Recovery =	91.10%
Target Compounds			
1) T n-Nonane (C9)	3.280	6987397	45.152 ug/ml
2) T n-Decane (C10)	4.526	7515377	47.599 ug/ml
3) T A~Naphthalene (C11.7)	6.229	7837630	48.847 ug/ml
4) T n-Dodecane (C12)	6.689	7839390	49.866 ug/ml
5) T A~2-methylnaphthalene...	7.324	7549777	50.414 ug/ml
6) T n-Tetradecane (C14)	8.517	7863426	50.936 ug/ml
7) T n-Hexadecane (C16)	10.121	7746132	49.597 ug/ml
8) T n-Octadecane (C18)	11.563	7838798	49.912 ug/ml
10) T n-Eicosane (C20)	12.871	7804636	52.273 ug/ml
11) T n-Heneicosane (C21)	13.481	7578714	51.662 ug/ml
13) T n-Docosane (C22)	14.067	7464558	51.214 ug/ml
14) T n-Tetracosane (C24)	15.164	13691820	94.124 ug/ml
15) T n-Hexacosane (C26)	16.189	7315411	50.687 ug/ml
16) T n-Octacosane (C28)	17.137	8082805	56.115 ug/ml
17) T n-Tricontane (C30)	18.024	7538604	50.357 ug/ml
18) T n-Dotriacontane (C32)	18.853	7621623	50.380 ug/mlm
19) T n-Tetratriacontane (C34)	19.638	8067972	52.773 ug/ml
20) T n-Hexatriacontane (C36)	20.377	8454314	55.674 ug/mlm
21) T n-Octatriacontane (C38)	21.105	9557948	60.897 ug/ml
22) T n-Tetracontane (C40)	21.998	10460918	68.516 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

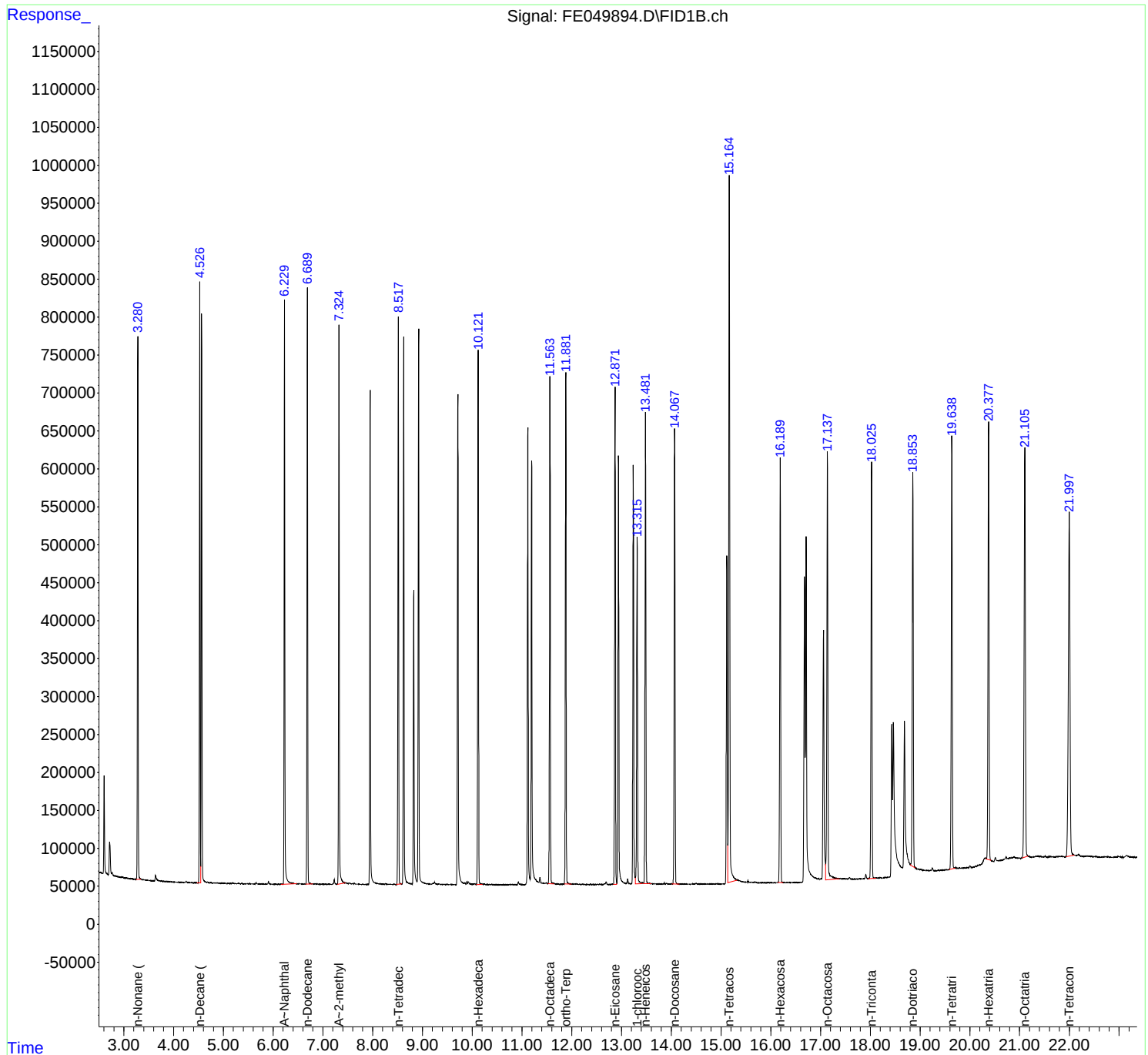
Instrument :
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PB163107BSD

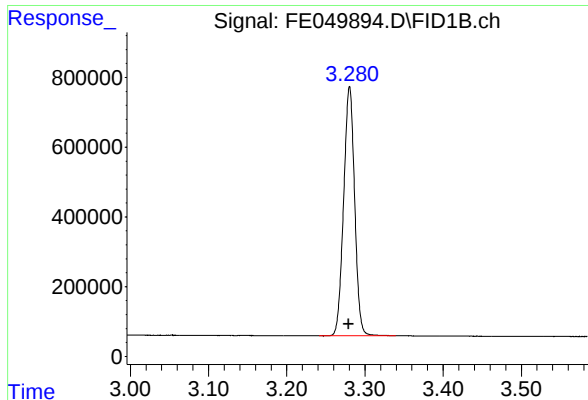
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.001 min
Response: 6987397
Conc: 45.15 ug/ml

Instrument :

FID_E

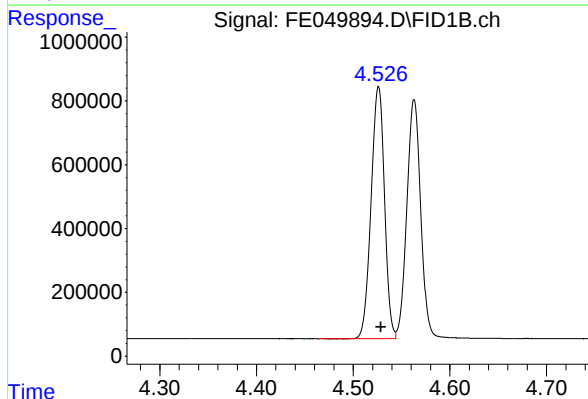
ClientSampleId :

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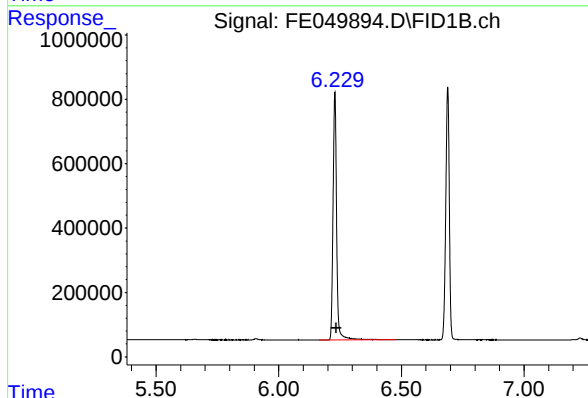
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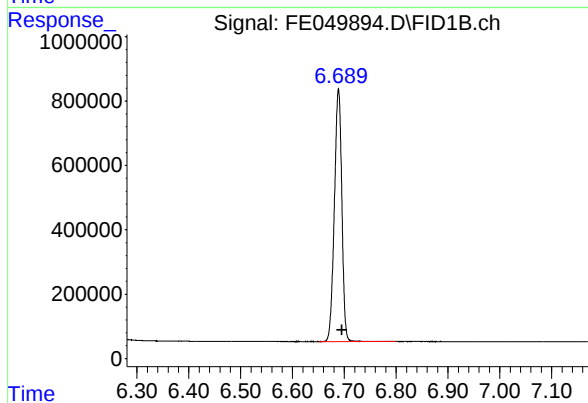
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: -0.003 min
Response: 7515377
Conc: 47.60 ug/ml



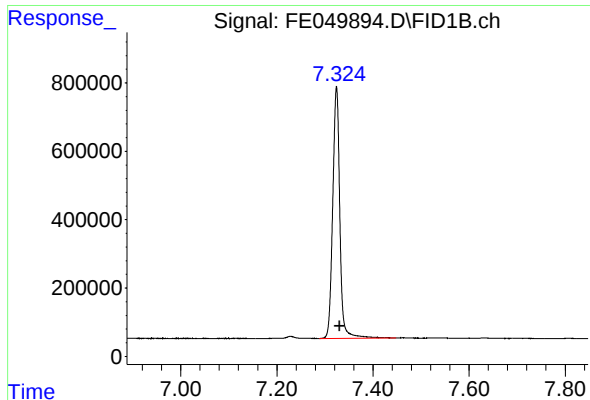
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.006 min
Response: 7837630
Conc: 48.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.007 min
Response: 7839390
Conc: 49.87 ug/ml



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

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 7549777
Conc: 50.41 ug/ml

Instrument :

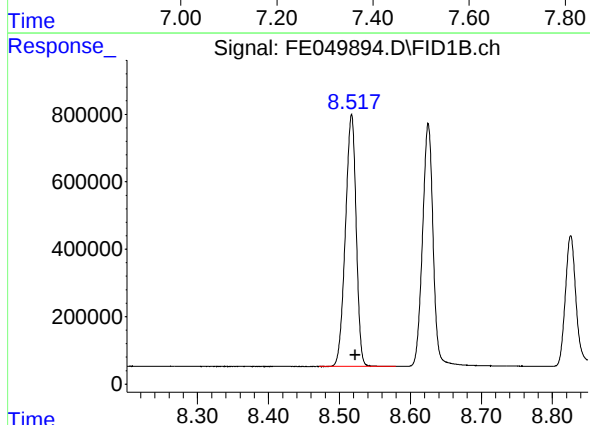
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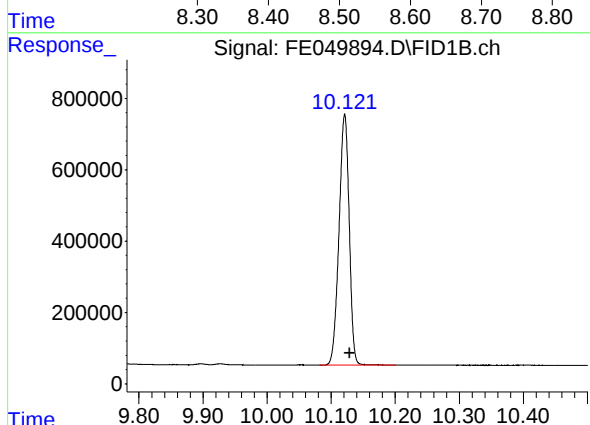
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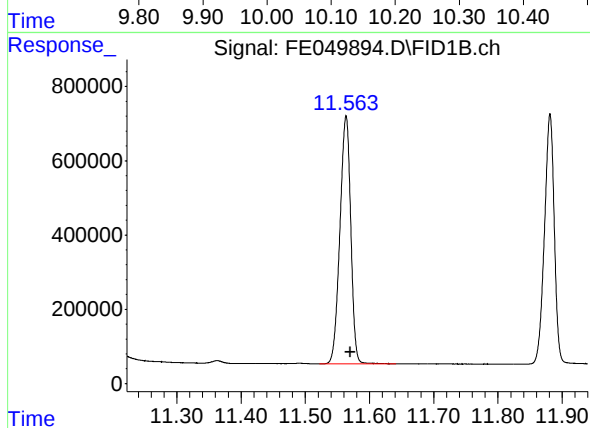
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 7863426
Conc: 50.94 ug/ml



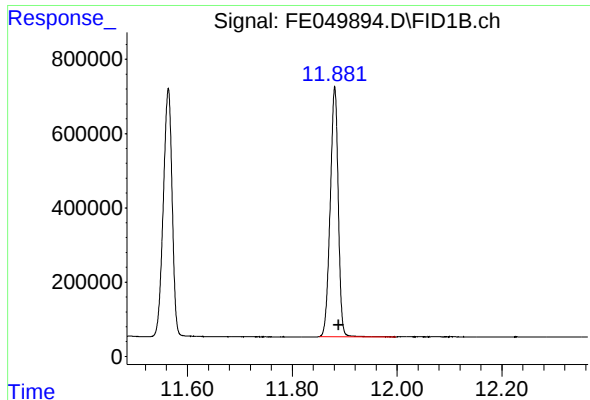
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 7746132
Conc: 49.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 7838798
Conc: 49.91 ug/ml



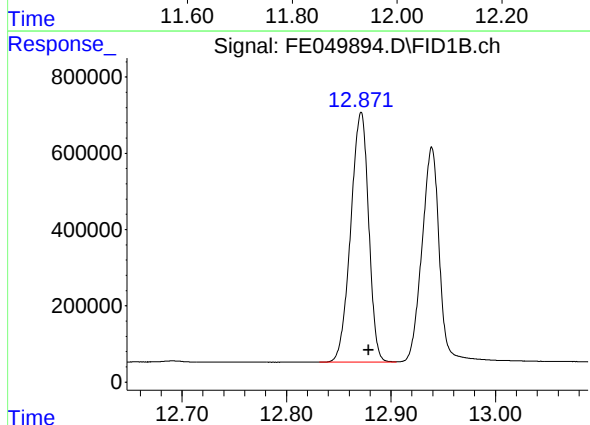
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.008 min
Response: 7172800
Conc: 44.36 ug/ml

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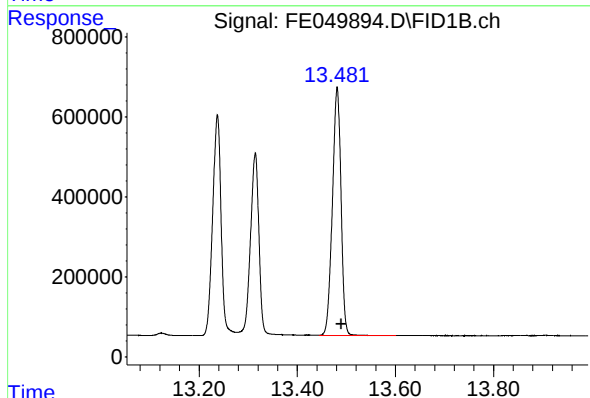
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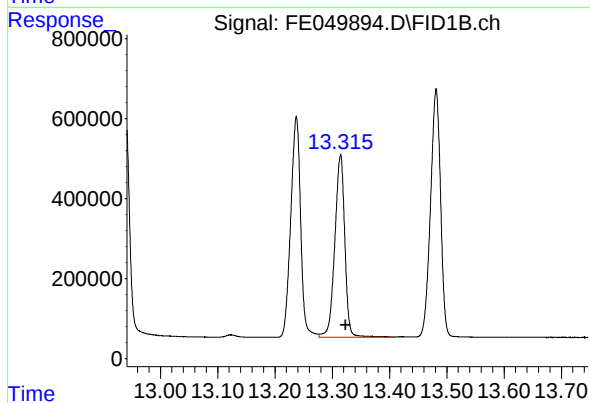
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.008 min
Response: 7804636
Conc: 52.27 ug/ml



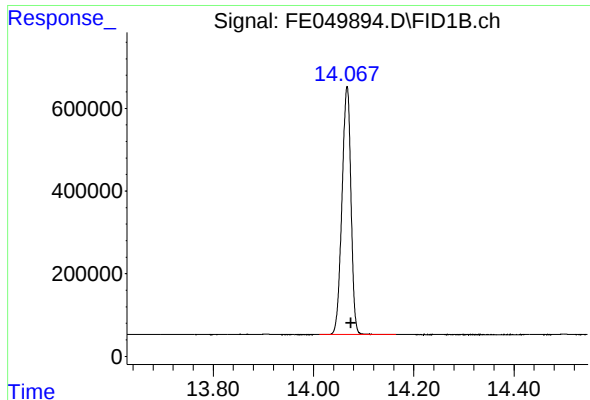
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 7578714
Conc: 51.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.314 min
Delta R.T.: -0.009 min
Response: 5557183
Conc: 45.55 ug/ml



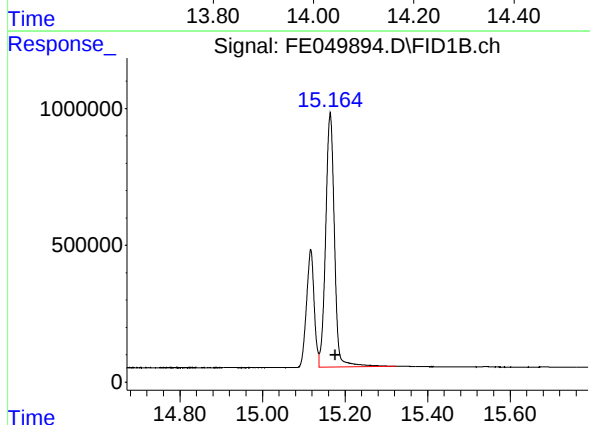
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 7464558
Conc: 51.21 ug/ml

Instrument :
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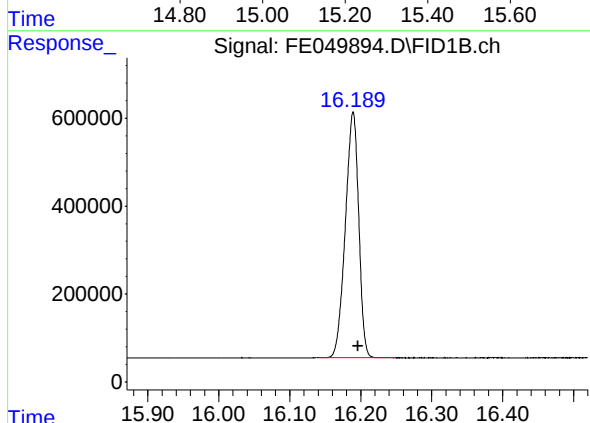
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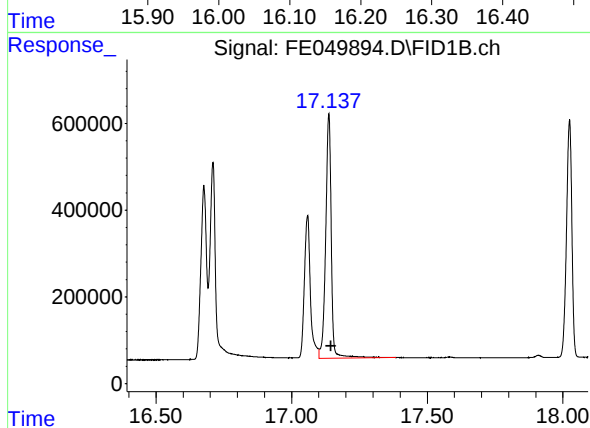
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.013 min
Response: 13691820
Conc: 94.12 ug/ml



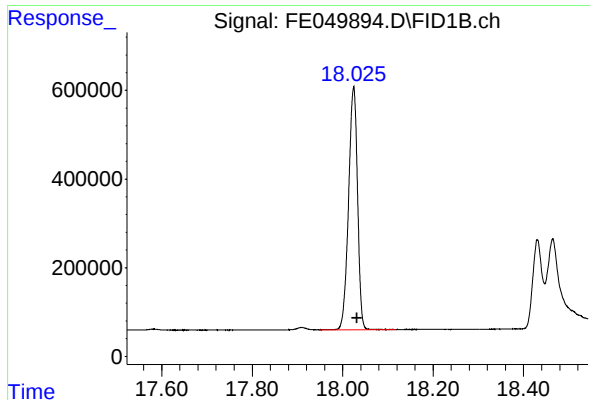
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 7315411
Conc: 50.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.008 min
Response: 8082805
Conc: 56.12 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.007 min
Response: 7538604
Conc: 50.36 ug/ml

Instrument :

FID_E

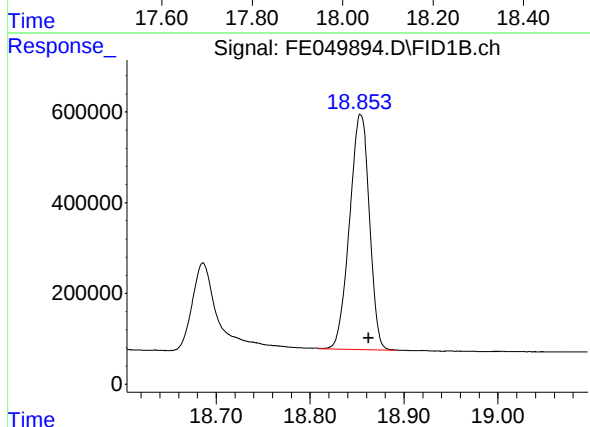
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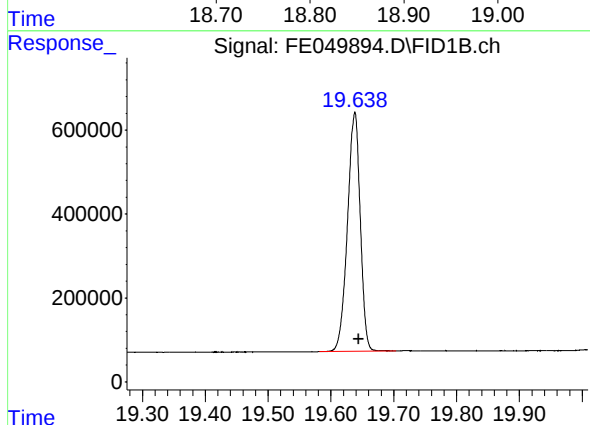
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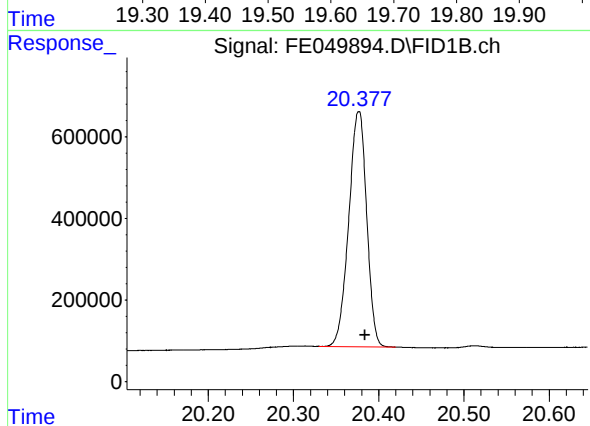
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.010 min
Response: 7621623
Conc: 50.38 ug/ml m



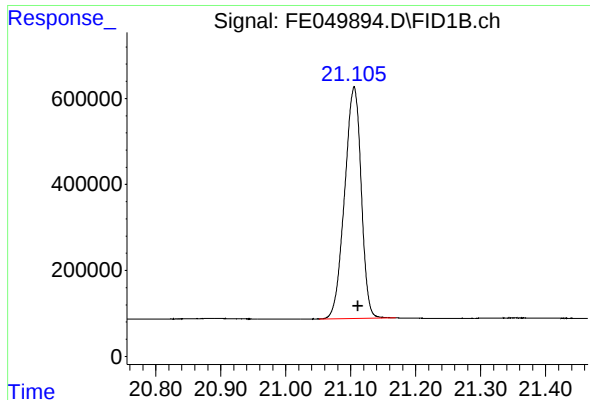
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.007 min
Response: 8067972
Conc: 52.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.006 min
Response: 8454314
Conc: 55.67 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.006 min
Response: 9557948
Conc: 60.90 ug/ml

Instrument :

FID_E

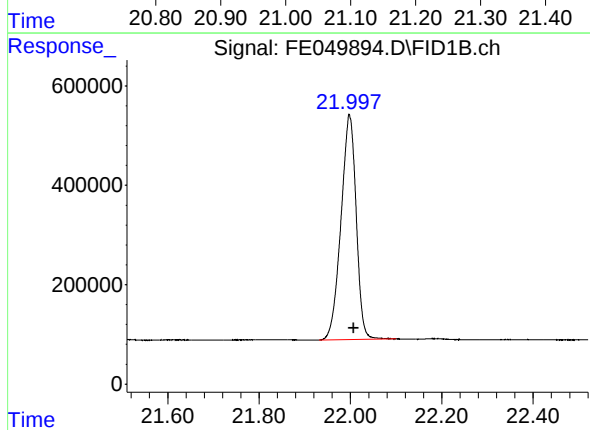
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#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.009 min
Response: 10460918
Conc: 68.52 ug/ml