

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040323AL\
 Data File : FE041129.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2023 17:52
 Operator : YP\AJ
 Sample : 02161-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-6MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/04/2023

Supervised By :Ankita Jodhani 04/04/2023

Integration File: autoint1.e

Quant Time: Apr 03 22:20:36 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 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)	11.854	3263671	17.365 ug/ml
Spiked Amount 50.000		Recovery =	34.73%
12) S 1-chlorooctadecane (S...	13.294	2660293	18.490 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.254	4654262	26.824 ug/ml
2) T n-Decane (C10)	4.501	5179874	30.431 ug/ml
3) T A~Naphthalene (C11.7)	6.199	5763235	31.509 ug/ml
4) T n-Dodecane (C12)	6.663	5709170	32.913 ug/ml
5) T A~2-methylnaphthalene...	7.295	5672589	34.252 ug/ml
6) T n-Tetradecane (C14)	8.491	6090943	34.932 ug/ml
7) T n-Hexadecane (C16)	10.098	6766090	38.043 ug/ml
8) T n-Octadecane (C18)	11.541	6872527	38.490 ug/ml
10) T n-Eicosane (C20)	12.852	6798948	39.859 ug/ml
11) T n-Heneicosane (C21)	13.463	6462086	38.195 ug/ml
13) T n-Docosane (C22)	14.050	6364478	38.459 ug/ml
14) T n-Tetracosane (C24)	15.148	11948955	73.856 ug/ml
15) T n-Hexacosane (C26)	16.177	5948898	38.376 ug/ml
16) T n-Octacosane (C28)	17.127	5865965	38.294 ug/ml
17) T n-Tricontane (C30)	18.018	5803587	37.968 ug/ml
18) T n-Dotriacontane (C32)	18.852	5718466	36.627 ug/ml
19) T n-Tetratriacontane (C34)	19.637	5696584	36.760 ug/ml
20) T n-Hexatriacontane (C36)	20.378	5674889	37.360 ug/mlm
21) T n-Octatriacontane (C38)	21.106	5935819	37.997 ug/mlm
22) T n-Tetracontane (C40)	21.994	6172891	38.676 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 02161-01MS
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ALS Vial : 13 Sample Multiplier: 1

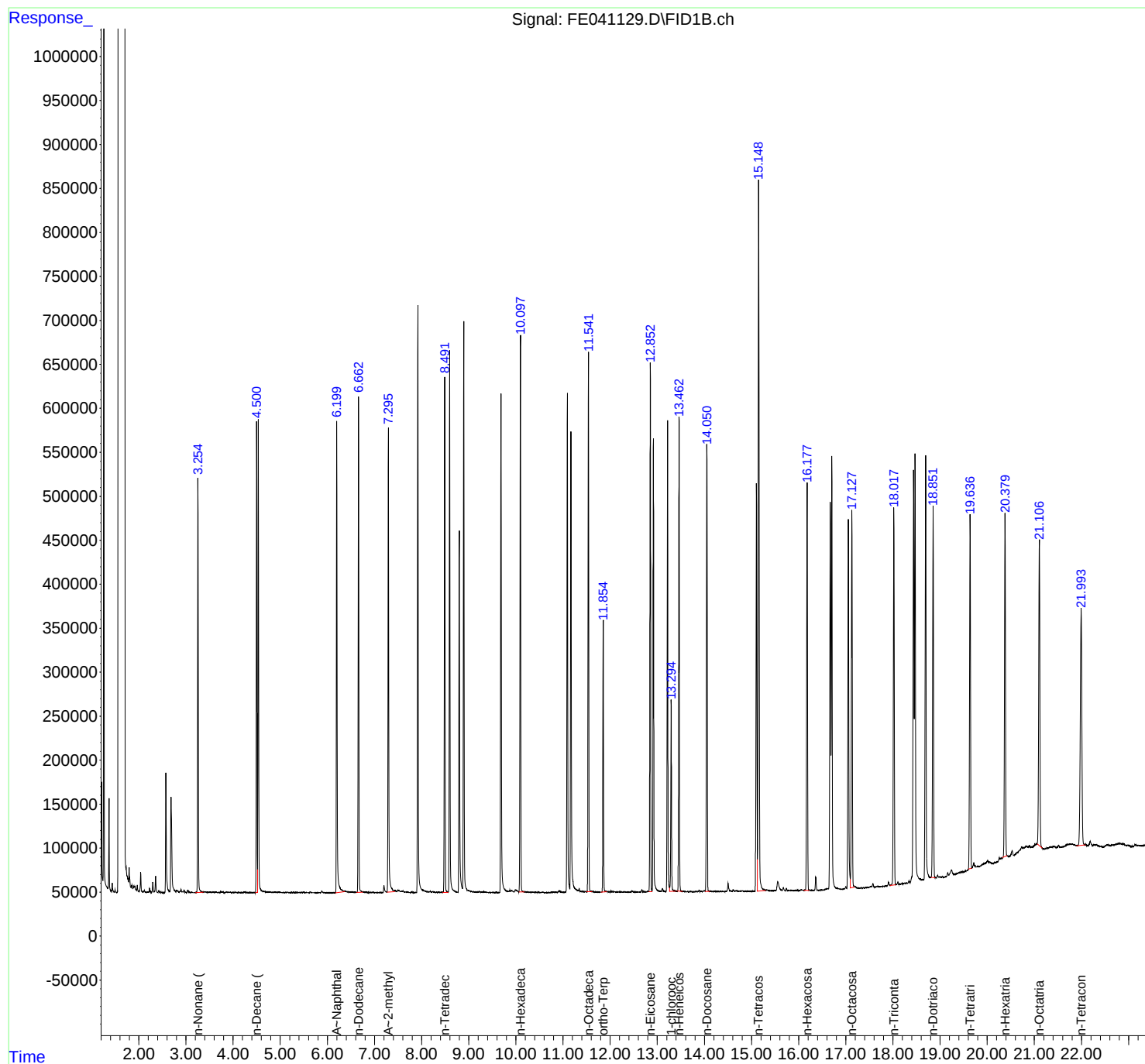
Instrument :
FID_E
ClientSampleId :
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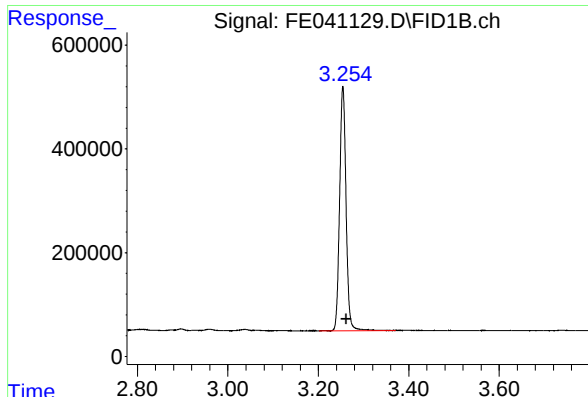
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Quant Title : GC Extractables
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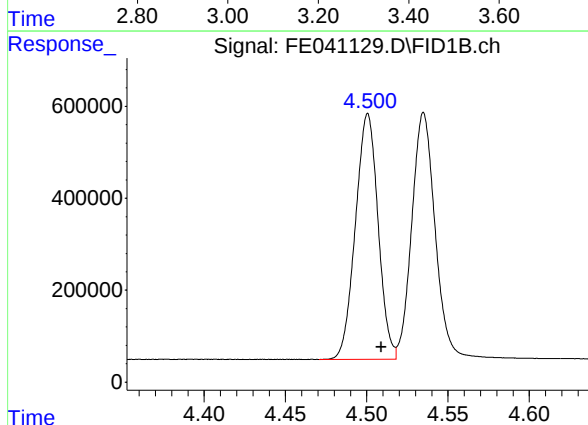
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.008 min
Response: 4654262
Conc: 26.82 ug/ml

Instrument :
FID_E
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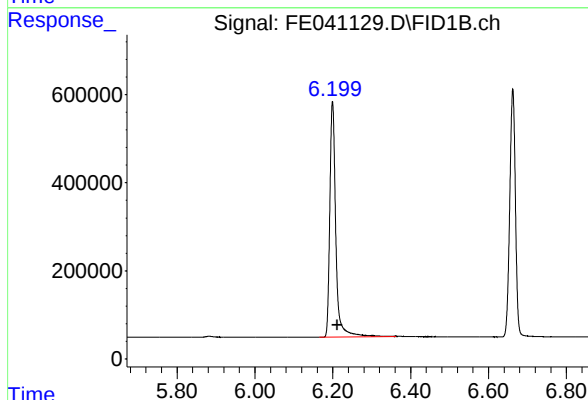
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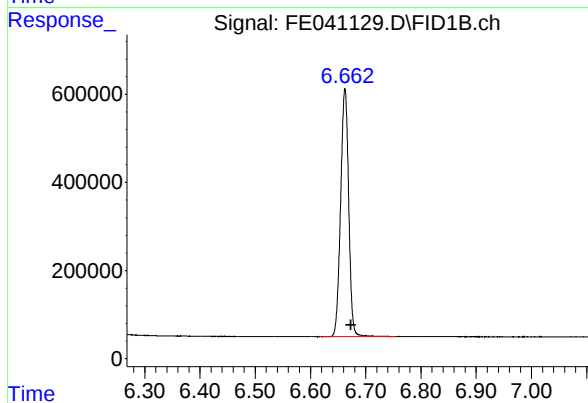
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.008 min
Response: 5179874
Conc: 30.43 ug/ml



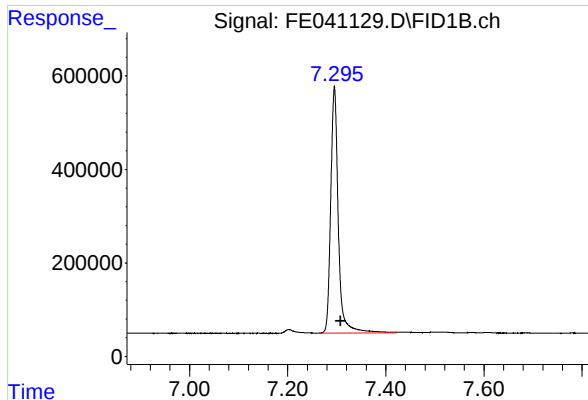
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.012 min
Response: 5763235
Conc: 31.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.011 min
Response: 5709170
Conc: 32.91 ug/ml



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

R.T.: 7.295 min
Delta R.T.: -0.012 min
Response: 5672589
Conc: 34.25 ug/ml

Instrument :

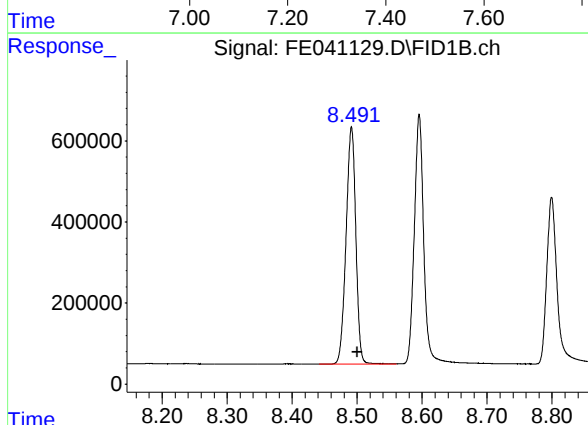
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ClientSampleId :

WC-6MS

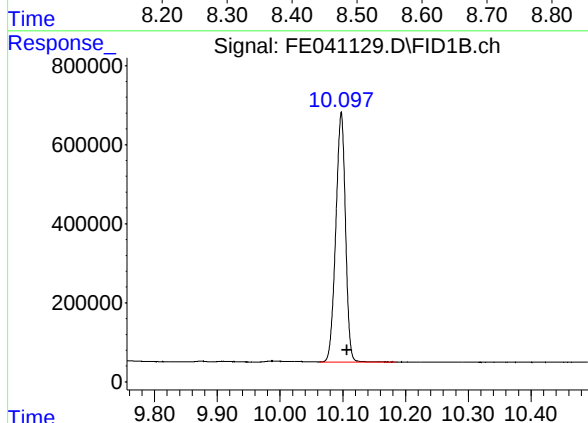
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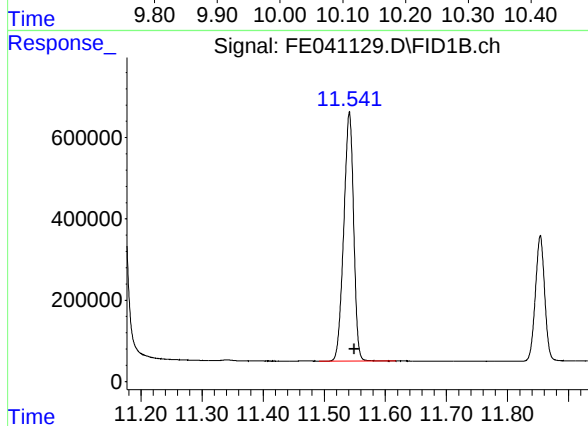
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 6090943
Conc: 34.93 ug/ml



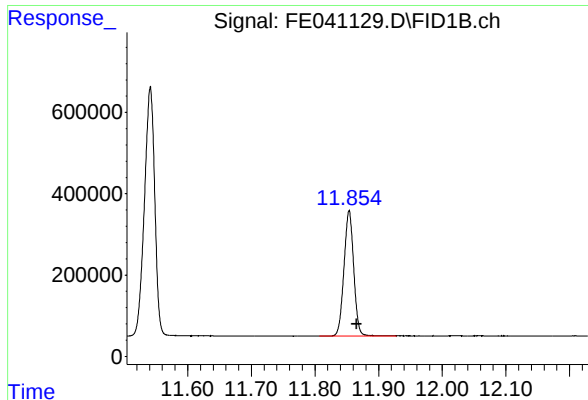
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.009 min
Response: 6766090
Conc: 38.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.541 min
Delta R.T.: -0.008 min
Response: 6872527
Conc: 38.49 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: -0.011 min
Response: 3263671
Conc: 17.37 ug/ml

Instrument :

FID_E

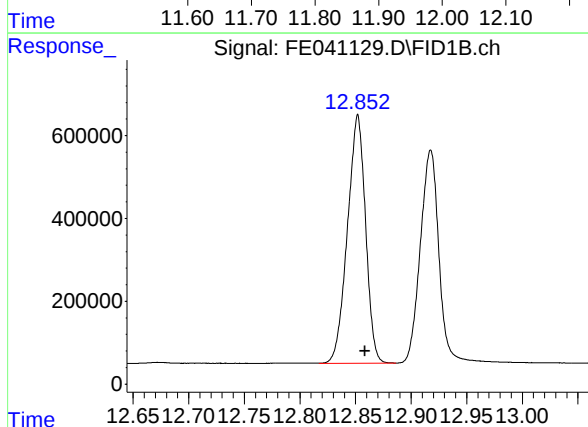
ClientSampleId :

WC-6MS

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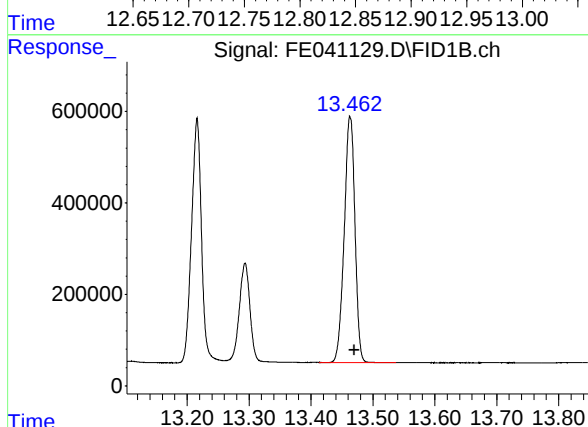
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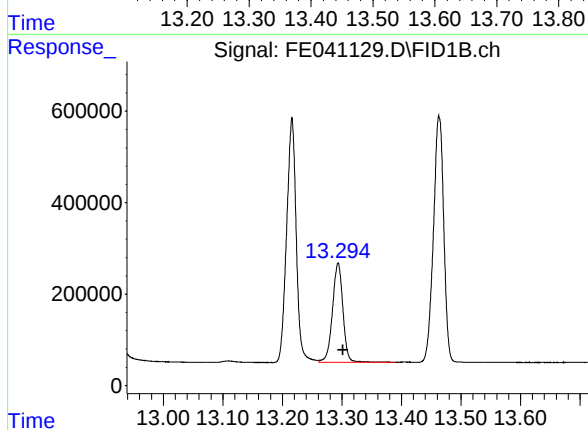
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.006 min
Response: 6798948
Conc: 39.86 ug/ml



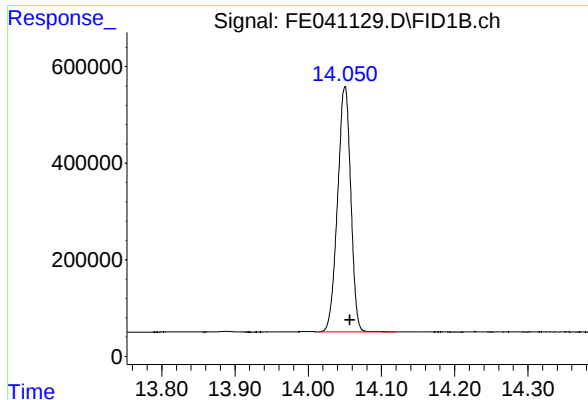
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.007 min
Response: 6462086
Conc: 38.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: -0.008 min
Response: 2660293
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: -0.007 min
Response: 6364478
Conc: 38.46 ug/ml

Instrument :

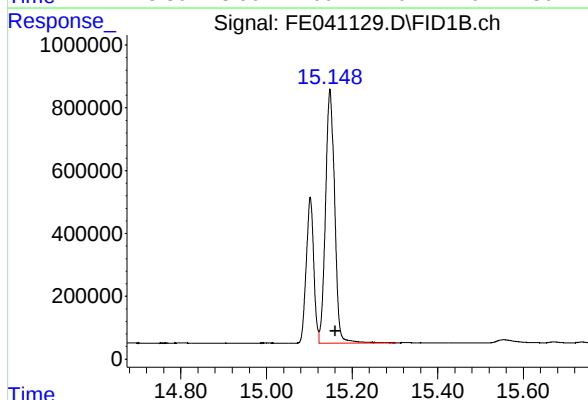
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ClientSampleId :

WC-6MS

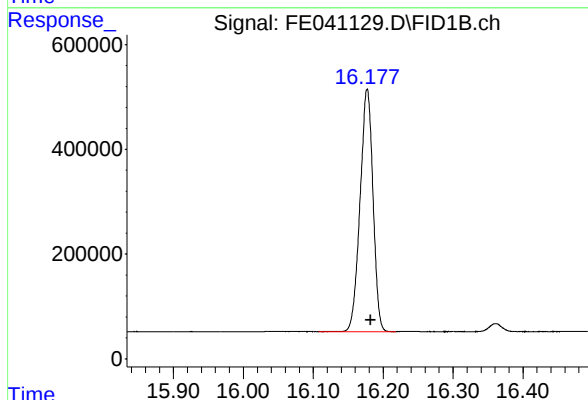
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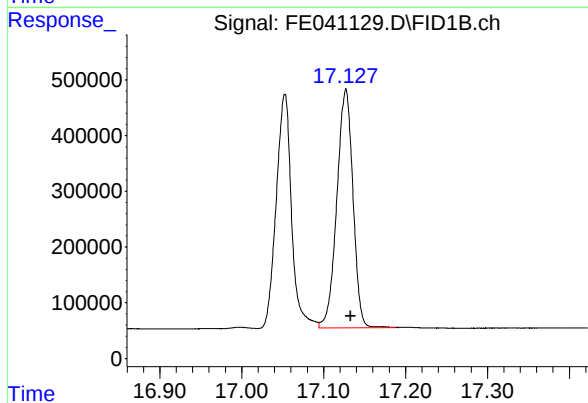
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.012 min
Response: 11948955
Conc: 73.86 ug/ml



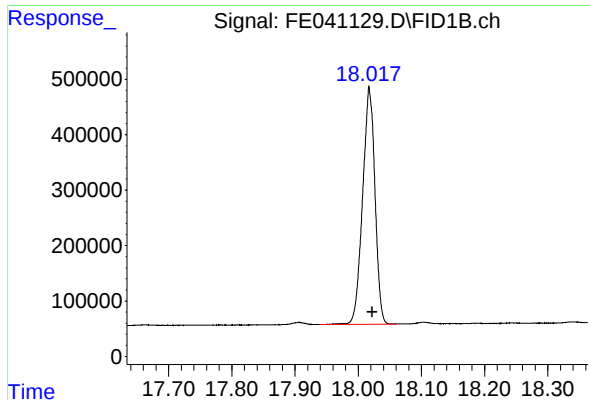
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: -0.005 min
Response: 5948898
Conc: 38.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.006 min
Response: 5865965
Conc: 38.29 ug/ml



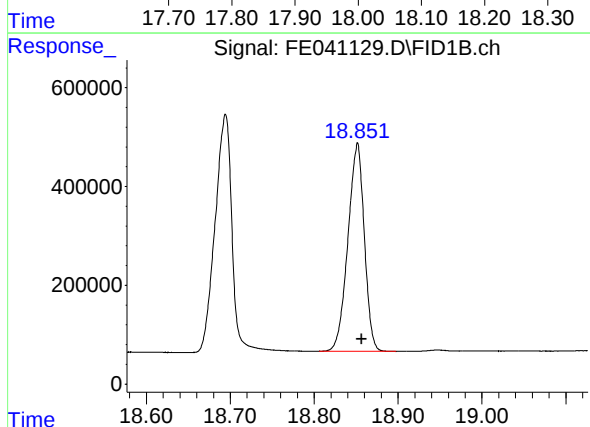
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.005 min
Response: 5803587
Conc: 37.97 ug/ml

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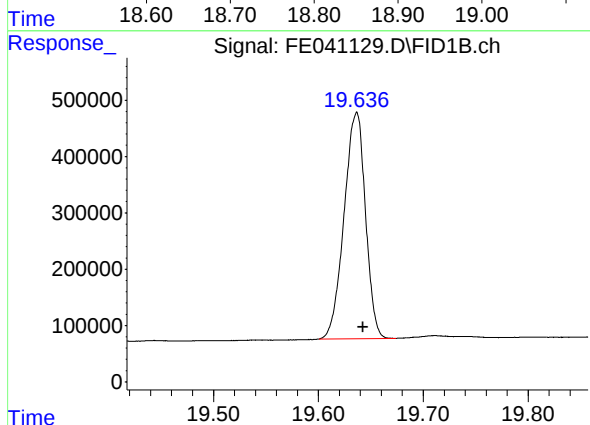
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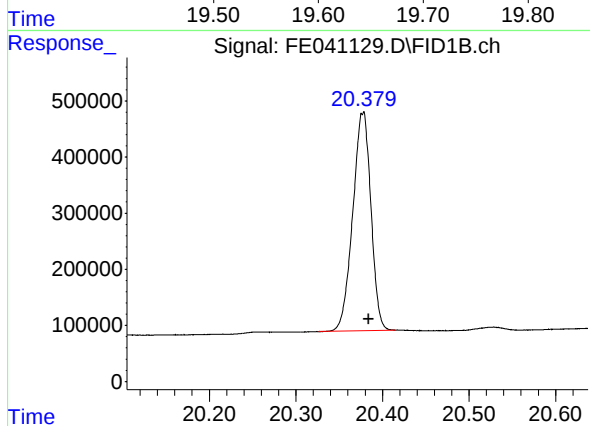
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.005 min
Response: 5718466
Conc: 36.63 ug/ml



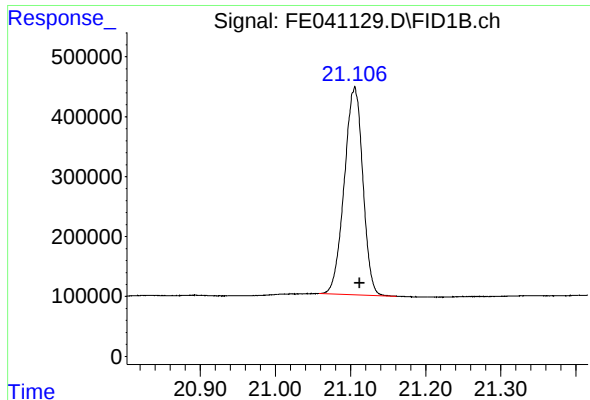
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.006 min
Response: 5696584
Conc: 36.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 5674889
Conc: 37.36 ug/ml m



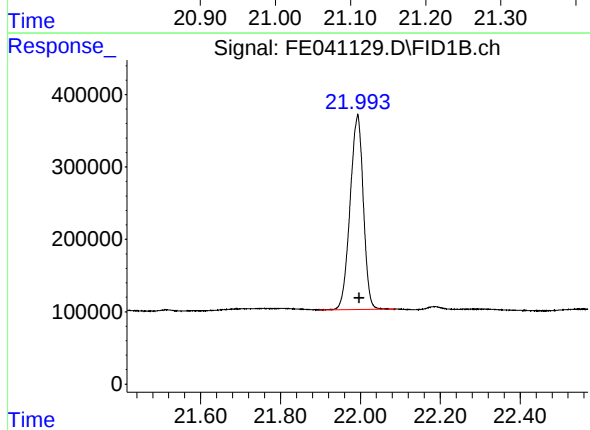
#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.007 min
Response: 5935819
Conc: 38.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: -0.004 min
Response: 6172891
Conc: 38.68 ug/ml