

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020924AL\
 Data File : FE046663.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2024 08:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/12/2024
 Supervised By :Sohil Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 10 03:52:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.812	3350290	18.119 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
12) S 1-chlorooctadecane (S...	13.253	2534491	17.814 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.200	3193273	19.769 ug/mlm
2) T n-Decane (C10)	4.451	3271592	19.963 ug/ml
3) T A~Naphthalene (C11.7)	6.156	3377466	19.751 ug/ml
4) T n-Dodecane (C12)	6.619	3302414	19.965 ug/ml
5) T A~2-methylnaphthalene...	7.252	3143766	19.711 ug/ml
6) T n-Tetradecane (C14)	8.444	3230770	19.712 ug/ml
7) T n-Hexadecane (C16)	10.053	3282970	19.212 ug/ml
8) T n-Octadecane (C18)	11.498	3260732	18.703 ug/ml
10) T n-Eicosane (C20)	12.808	3079928	18.140 ug/ml
11) T n-Heneicosane (C21)	13.420	2992084	17.939 ug/ml
13) T n-Docosane (C22)	14.008	2972810	17.944 ug/ml
14) T n-Tetracosane (C24)	15.111	2934144	17.782 ug/ml
15) T n-Hexacosane (C26)	16.133	2883172	17.863 ug/ml
16) T n-Octacosane (C28)	17.085	2864480	18.247 ug/ml
17) T n-Tricontane (C30)	17.972	2927823	18.692 ug/ml
18) T n-Dotriacontane (C32)	18.808	2874446	19.016 ug/ml
19) T n-Tetratriacontane (C34)	19.592	2768497	19.519 ug/mlm
20) T n-Hexatriacontane (C36)	20.336	2703934	19.616 ug/mlm
21) T n-Octatriacontane (C38)	21.061	2970679	23.173 ug/ml
22) T n-Tetracontane (C40)	21.947	2563895	20.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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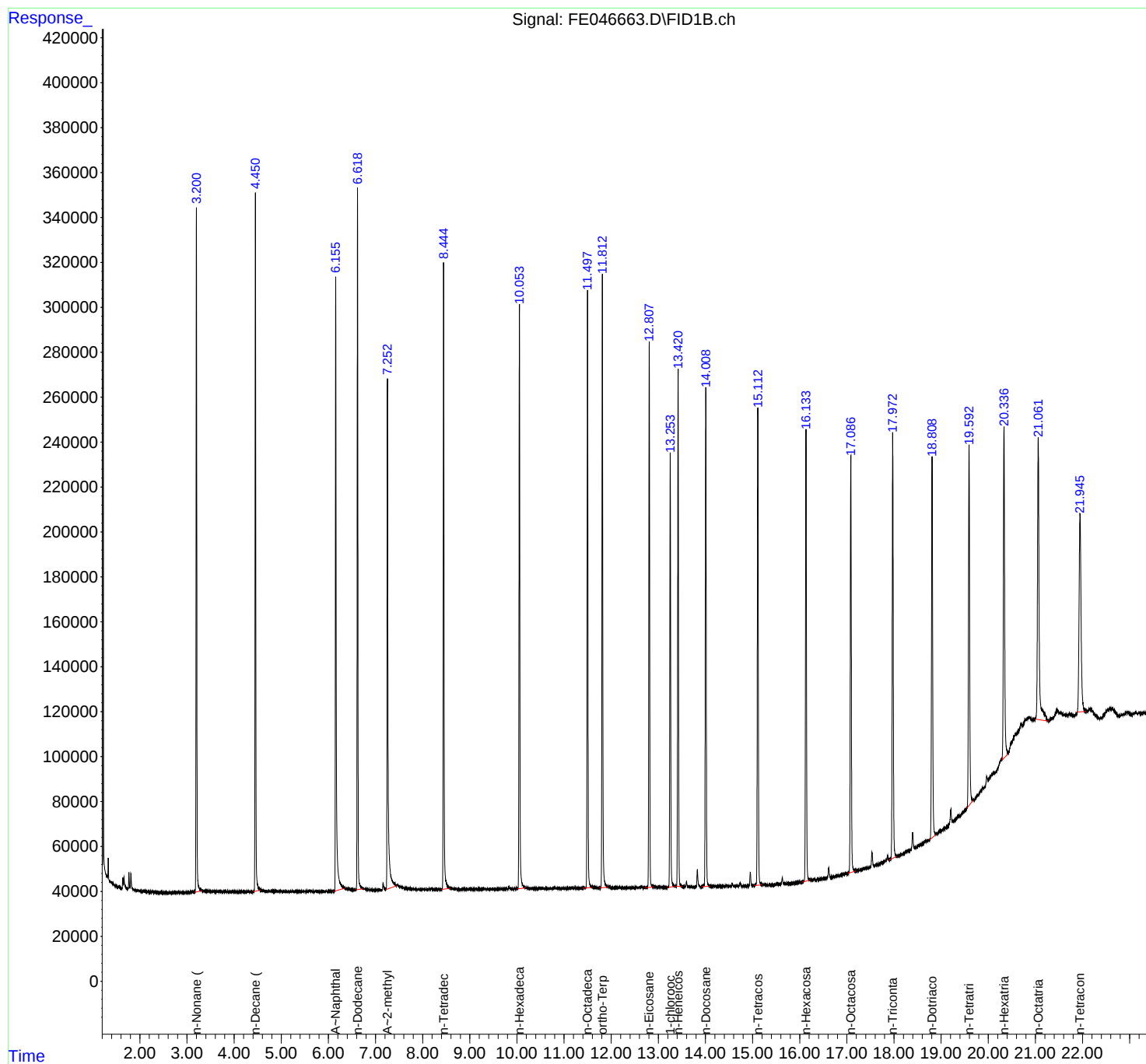
Instrument :
FID_E
ClientSampleId :

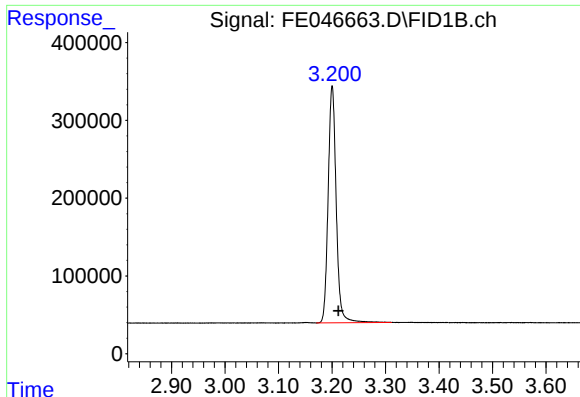
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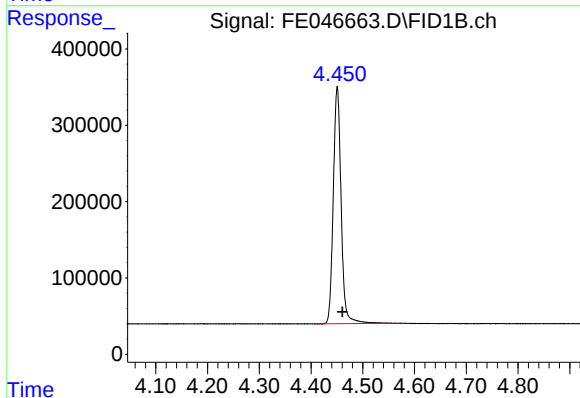
#1 n-Nonane (C9)

R.T.: 3.200 min
Delta R.T.: -0.012 min
Response: 3193273
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :

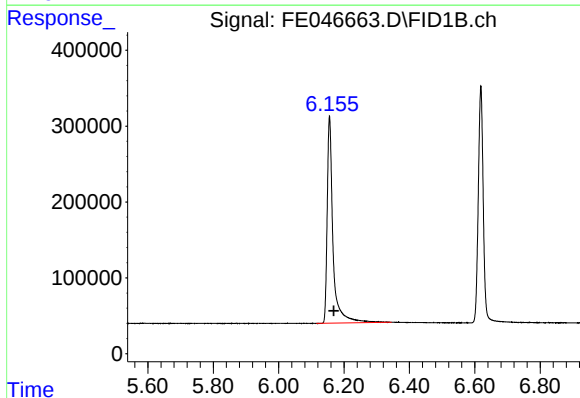
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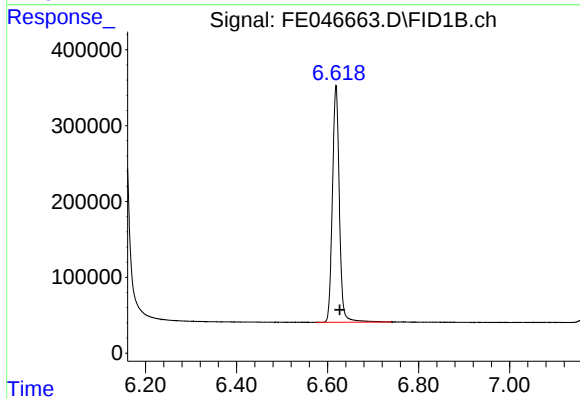
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.010 min
Response: 3271592
Conc: 19.96 ug/ml



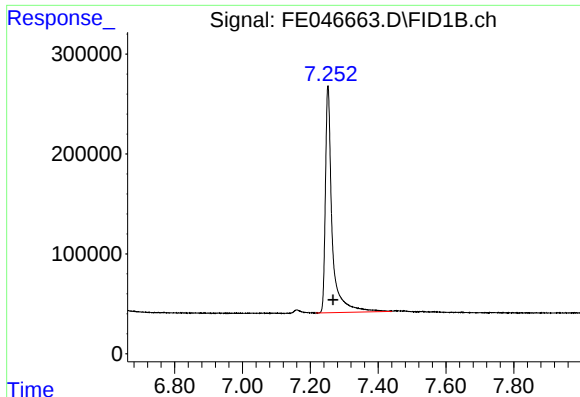
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: -0.013 min
Response: 3377466
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 3302414
Conc: 19.96 ug/ml



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

R.T.: 7.252 min
Delta R.T.: -0.015 min
Response: 3143766
Conc: 19.71 ug/ml

Instrument :

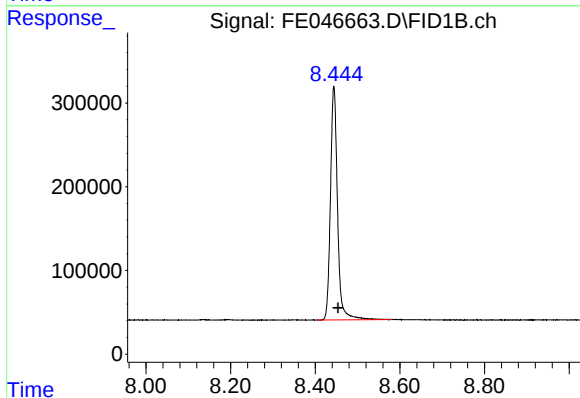
FID_E

ClientSampleId :

Manual Integrations

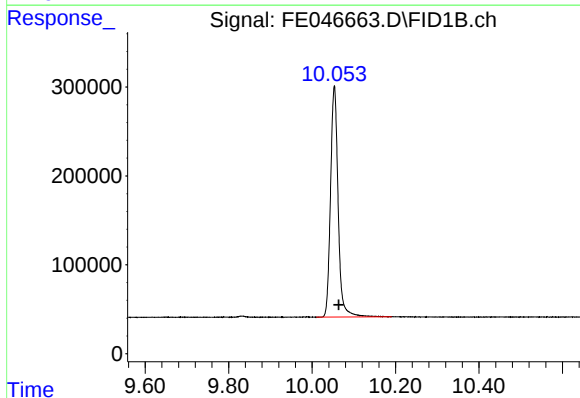
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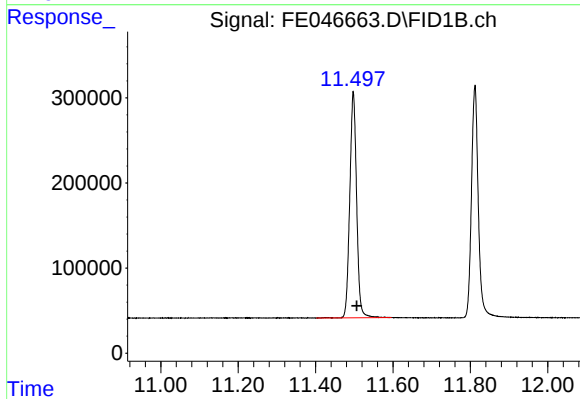
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: -0.010 min
Response: 3230770
Conc: 19.71 ug/ml



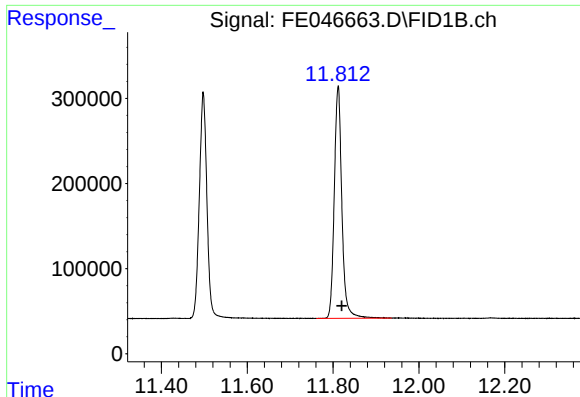
#7 n-Hexadecane (C16)

R.T.: 10.053 min
Delta R.T.: -0.011 min
Response: 3282970
Conc: 19.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.498 min
Delta R.T.: -0.009 min
Response: 3260732
Conc: 18.70 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.812 min
Delta R.T.: -0.008 min
Response: 3350290
Conc: 18.12 ug/ml

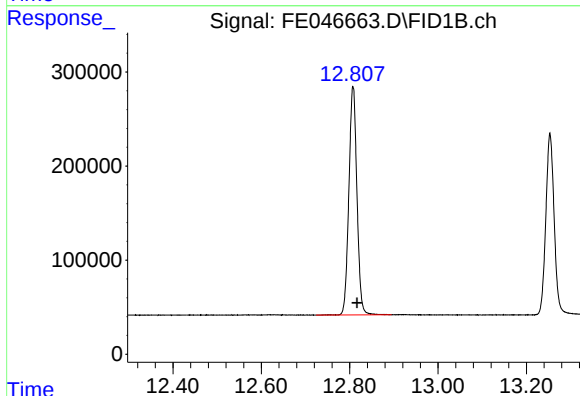
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FID_E

ClientSampleId :

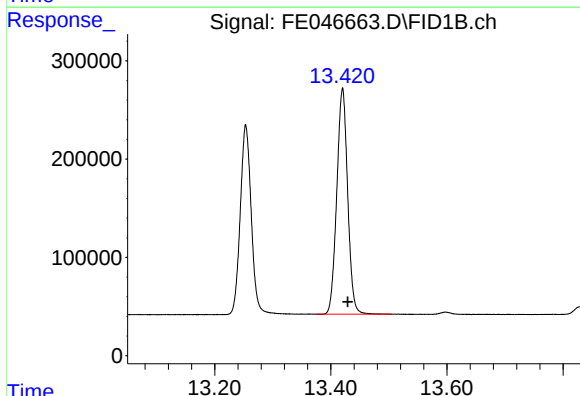
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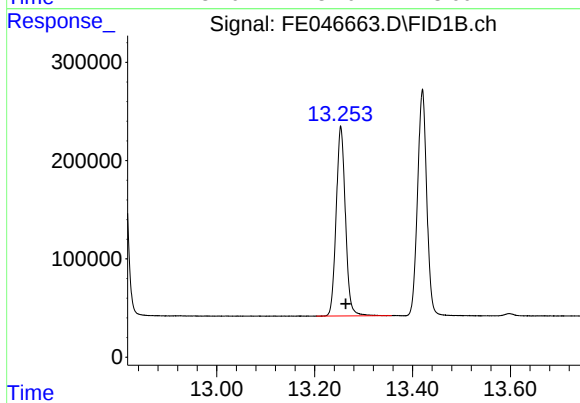
#10 n-Eicosane (C20)

R.T.: 12.808 min
Delta R.T.: -0.009 min
Response: 3079928
Conc: 18.14 ug/ml



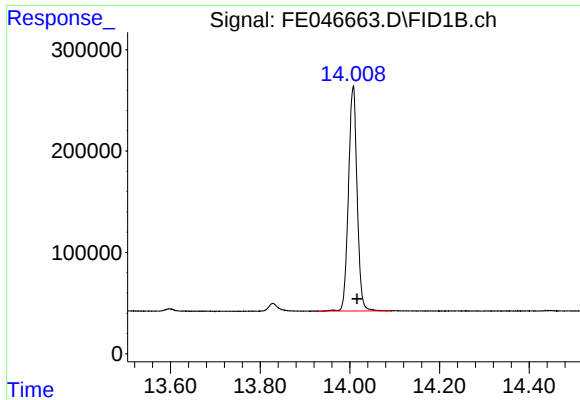
#11 n-Heneicosane (C21)

R.T.: 13.420 min
Delta R.T.: -0.009 min
Response: 2992084
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.253 min
Delta R.T.: -0.010 min
Response: 2534491
Conc: 17.81 ug/ml



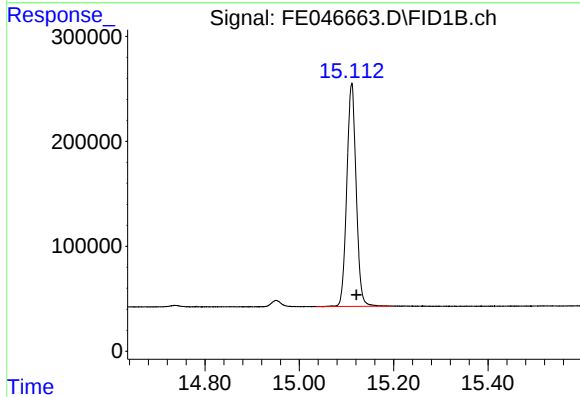
#13 n-Docosane (C22)

R.T.: 14.008 min
Delta R.T.: -0.008 min
Response: 2972810
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :

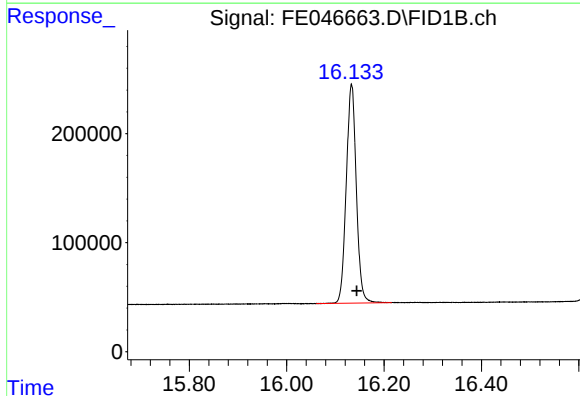
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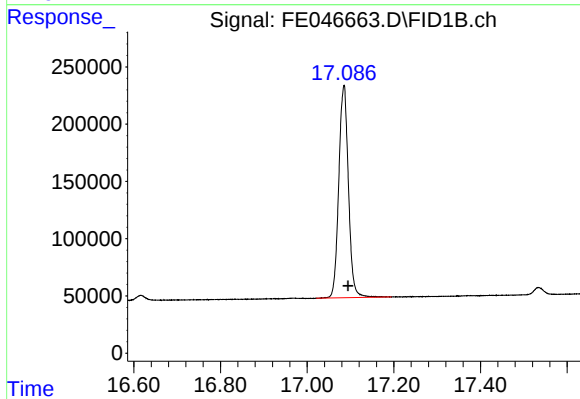
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.010 min
Response: 2934144
Conc: 17.78 ug/ml



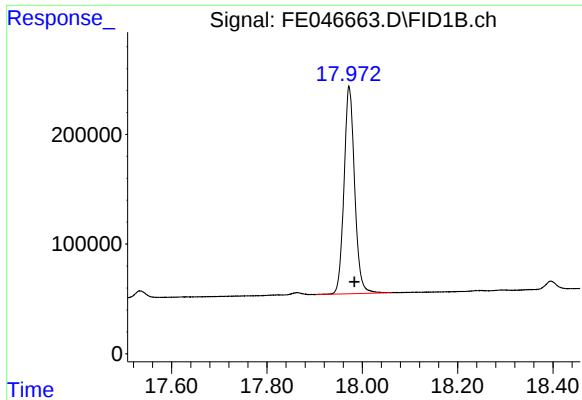
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: -0.011 min
Response: 2883172
Conc: 17.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.010 min
Response: 2864480
Conc: 18.25 ug/ml



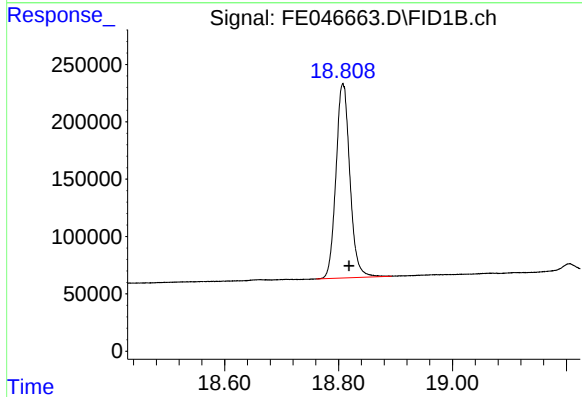
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.011 min
Response: 2927823
Conc: 18.69 ug/ml

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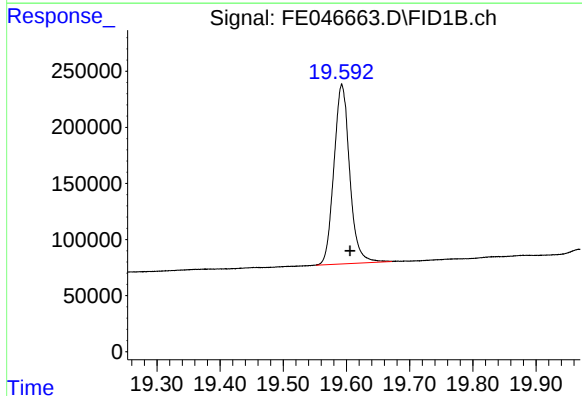
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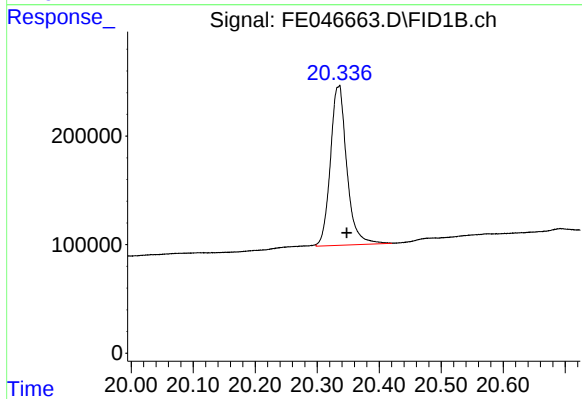
#18 n-Dotriacontane (C32)

R.T.: 18.808 min
Delta R.T.: -0.011 min
Response: 2874446
Conc: 19.02 ug/ml



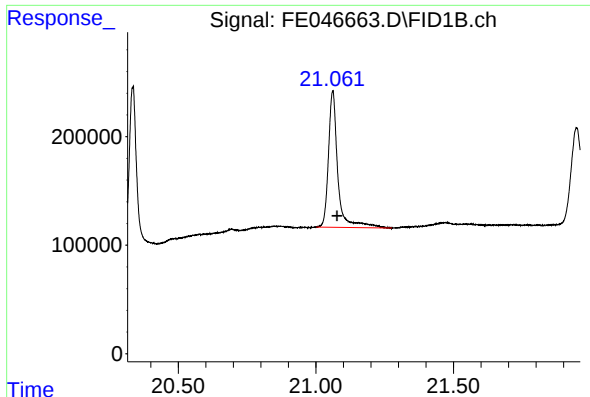
#19 n-Tetratriacontane (C34)

R.T.: 19.592 min
Delta R.T.: -0.014 min
Response: 2768497
Conc: 19.52 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.336 min
Delta R.T.: -0.011 min
Response: 2703934
Conc: 19.62 ug/ml m



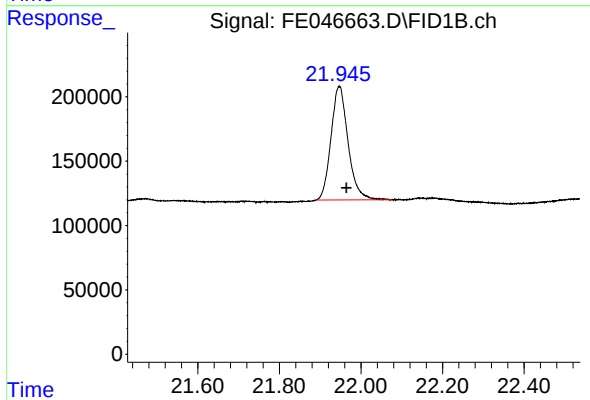
#21 n-Octatriacontane (C38)

R.T.: 21.061 min
Delta R.T.: -0.015 min
Response: 2970679
Conc: 23.17 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.018 min
Response: 2563895
Conc: 20.51 ug/ml