

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040224AL\
 Data File : FE047419.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2024 00:17
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File: autoint1.e
 Quant Time: Apr 02 05:16:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:15:53 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)	11.994	18397934	100.000 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
12) S 1-chlorooctadecane (S...	13.425	14357055	100.000 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
Target Compounds			
1) T n-Nonane (C9)	3.369	16213160	100.000 ug/ml
2) T n-Decane (C10)	4.623	16862101	100.000 ug/ml
3) T A~Naphthalene (C11.7)	6.331	17965964	100.000 ug/ml
4) T n-Dodecane (C12)	6.790	17263822	100.000 ug/ml
5) T A~2-methylnaphthalene...	7.430	17551050	100.000 ug/ml
6) T n-Tetradecane (C14)	8.619	17112686	100.000 ug/ml
7) T n-Hexadecane (C16)	10.227	17631880	100.000 ug/ml
8) T n-Octadecane (C18)	11.672	17823707	100.000 ug/ml
10) T n-Eicosane (C20)	12.980	17297081	100.000 ug/ml
11) T n-Heneicosane (C21)	13.592	16868963	100.000 ug/ml
13) T n-Docosane (C22)	14.178	17258086	100.000 ug/ml
14) T n-Tetracosane (C24)	15.280	18032403	100.000 ug/ml
15) T n-Hexacosane (C26)	16.300	18432979	100.000 ug/ml
16) T n-Octacosane (C28)	17.248	18518083	100.000 ug/ml
17) T n-Tricontane (C30)	18.134	18754850	100.000 ug/ml
18) T n-Dotriacontane (C32)	18.965	18161800	100.000 ug/ml
19) T n-Tetratriacontane (C34)	19.748	17245227	100.000 ug/ml
20) T n-Hexatriacontane (C36)	20.485	17006050	100.000 ug/ml
21) T n-Octatriacontane (C38)	21.230	17315888	100.060 ug/mlm
22) T n-Tetracontane (C40)	22.165	17311487	100.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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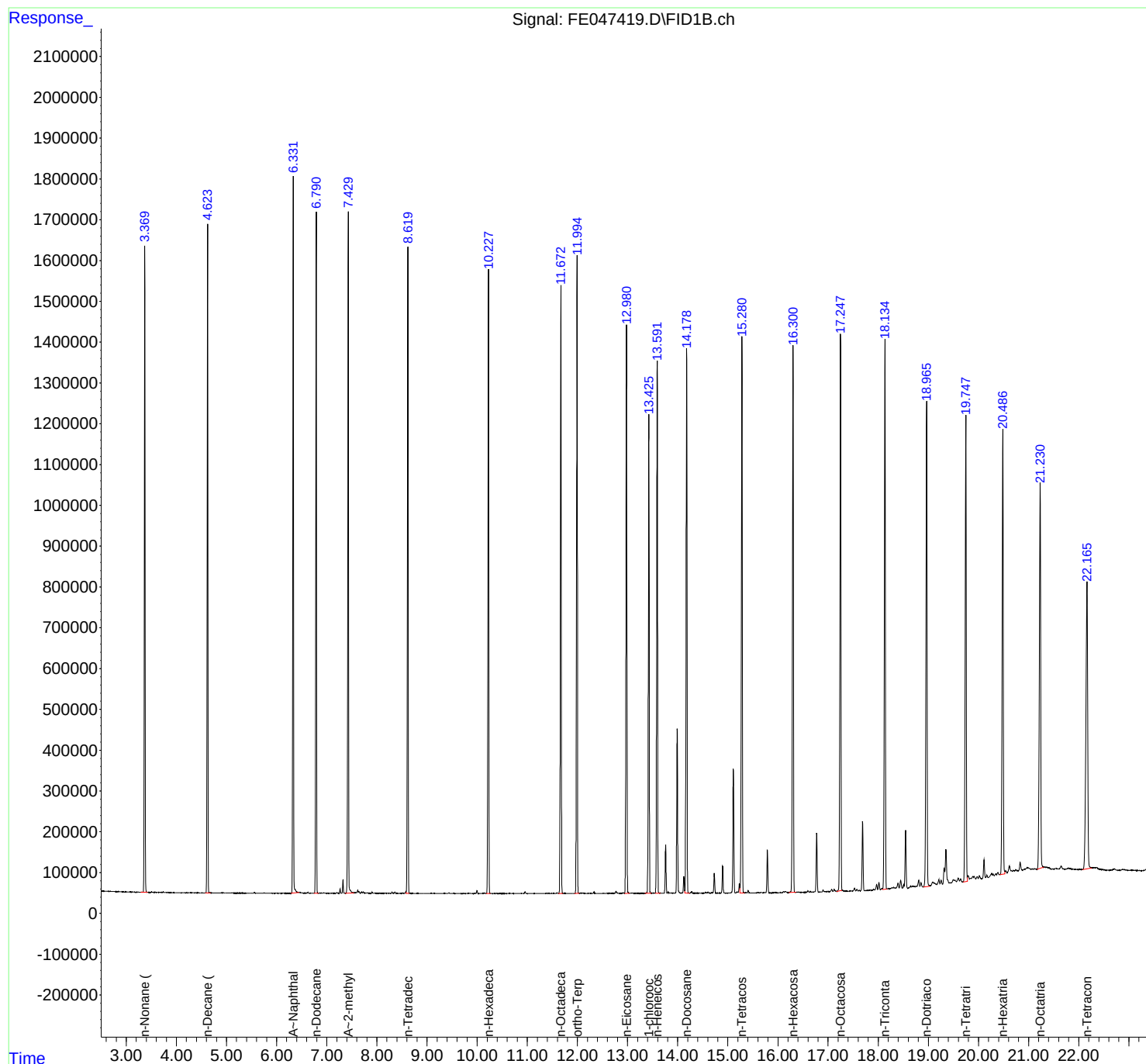
Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

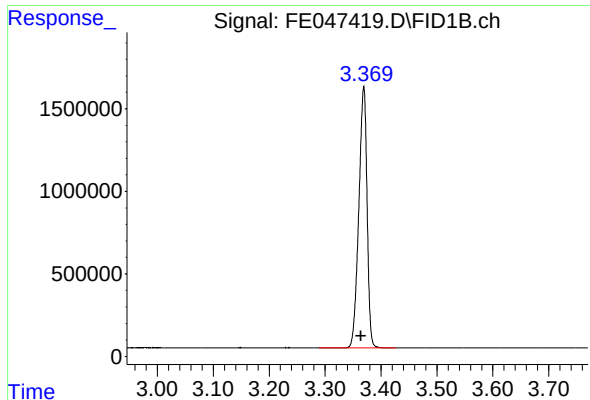
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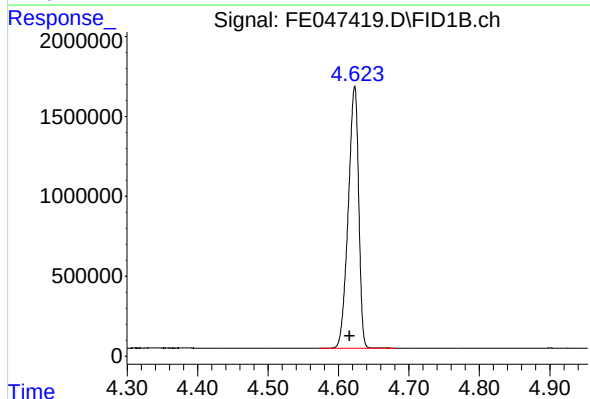
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.005 min
Response: 16213160
Conc: 100.00 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1

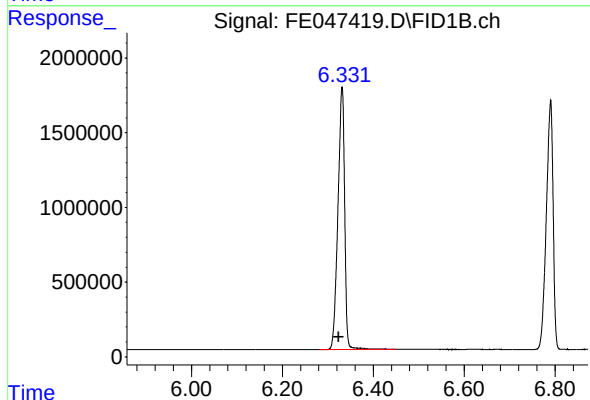
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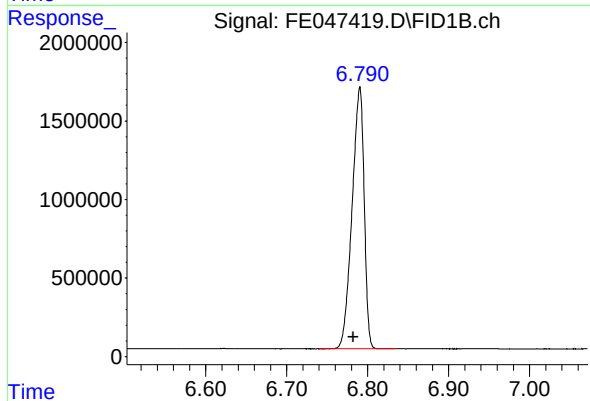
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: 0.007 min
Response: 16862101
Conc: 100.00 ug/ml



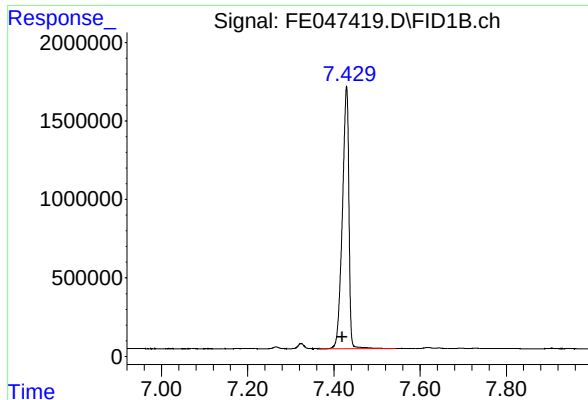
#3 A~Naphthalene (C11.7)

R.T.: 6.331 min
Delta R.T.: 0.008 min
Response: 17965964
Conc: 100.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.790 min
Delta R.T.: 0.008 min
Response: 17263822
Conc: 100.00 ug/ml



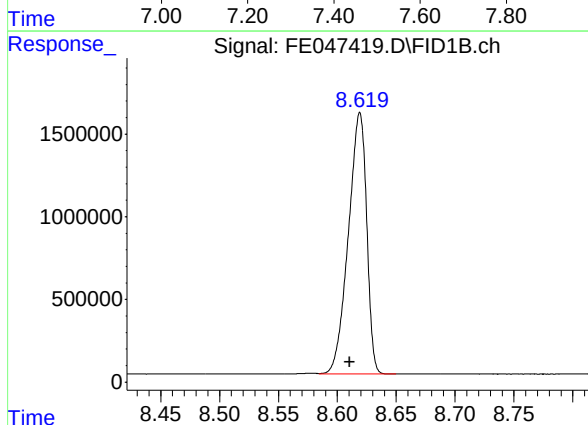
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.010 min
Response: 17551050
Conc: 100.00 ug/ml

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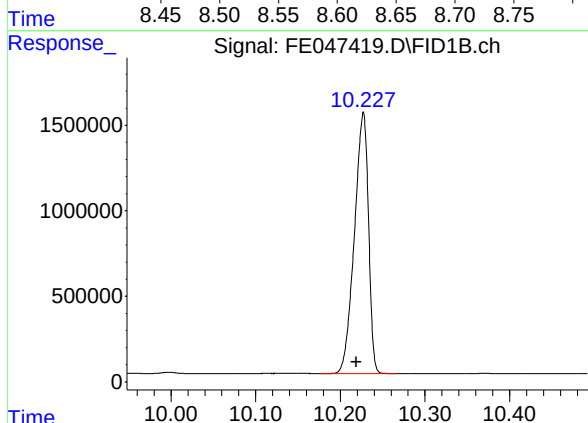
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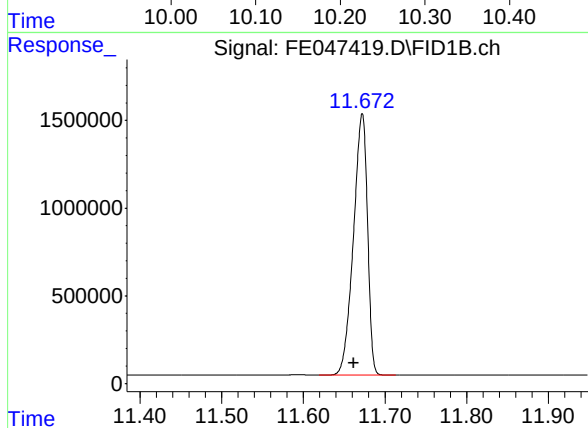
#6 n-Tetradecane (C14)

R.T.: 8.619 min
Delta R.T.: 0.009 min
Response: 17112686
Conc: 100.00 ug/ml



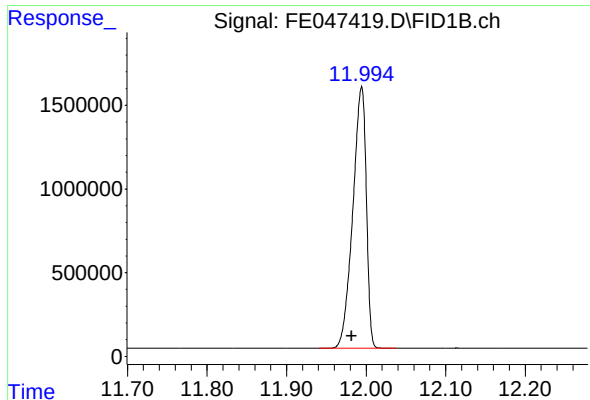
#7 n-Hexadecane (C16)

R.T.: 10.227 min
Delta R.T.: 0.009 min
Response: 17631880
Conc: 100.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.672 min
Delta R.T.: 0.011 min
Response: 17823707
Conc: 100.00 ug/ml



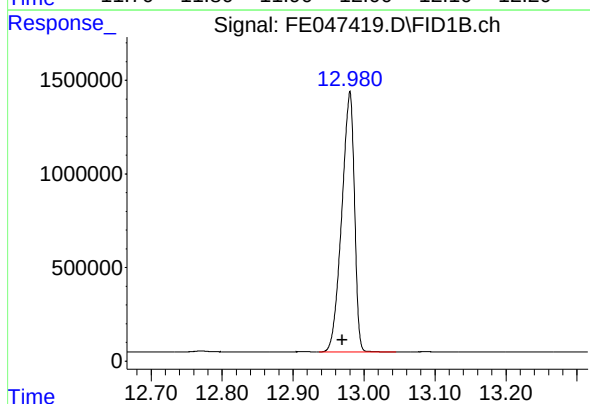
#9 ortho-Terphenyl (SURR)

R.T.: 11.994 min
Delta R.T.: 0.012 min
Response: 18397934
Conc: 100.00 ug/ml

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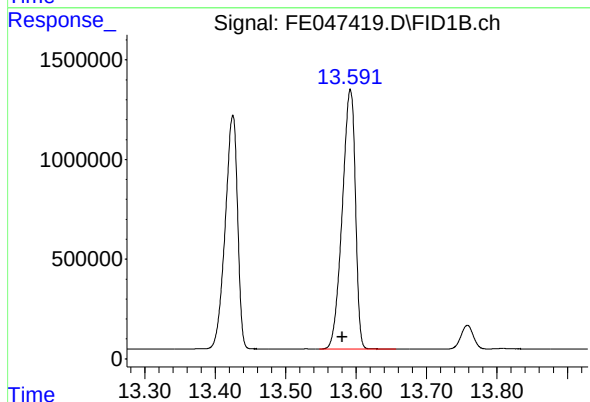
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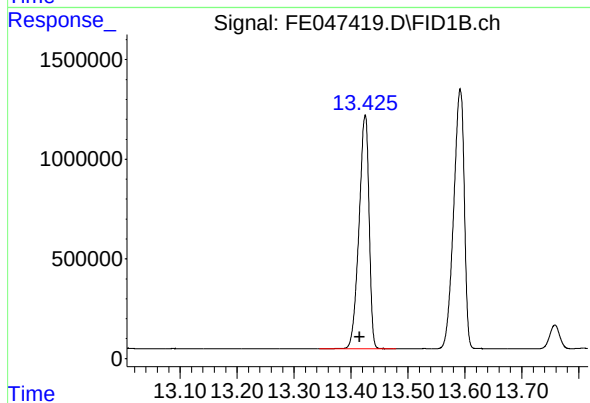
#10 n-Eicosane (C20)

R.T.: 12.980 min
Delta R.T.: 0.011 min
Response: 17297081
Conc: 100.00 ug/ml



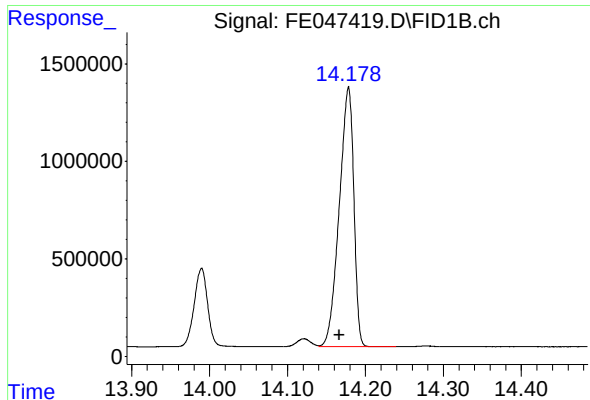
#11 n-Heneicosane (C21)

R.T.: 13.592 min
Delta R.T.: 0.011 min
Response: 16868963
Conc: 100.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.425 min
Delta R.T.: 0.010 min
Response: 14357055
Conc: 100.00 ug/ml



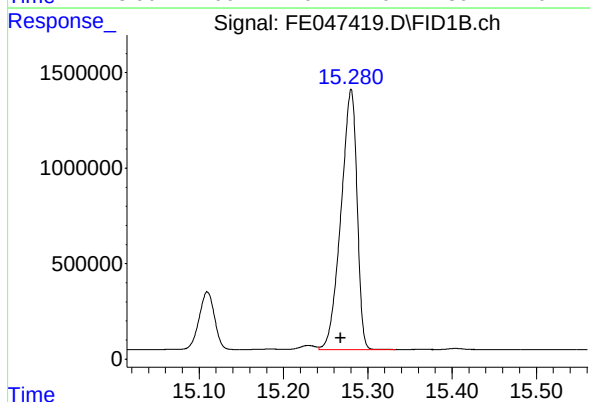
#13 n-Docosane (C22)

R.T.: 14.178 min
Delta R.T.: 0.012 min
Response: 17258086
Conc: 100.00 ug/ml

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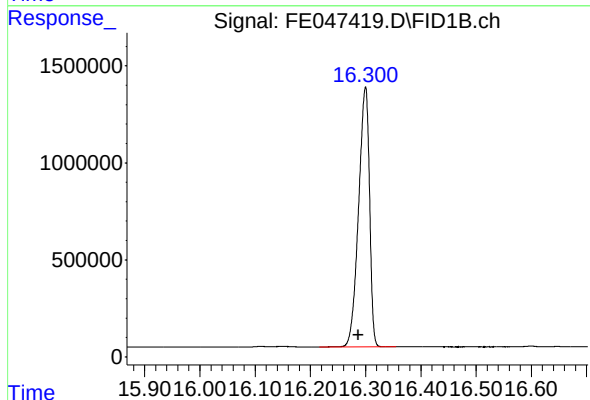
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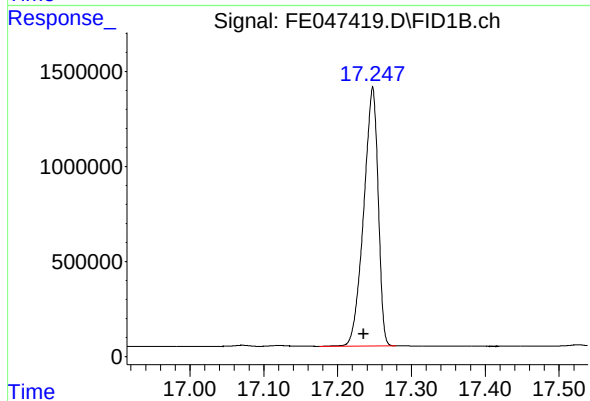
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.013 min
Response: 18032403
Conc: 100.00 ug/ml



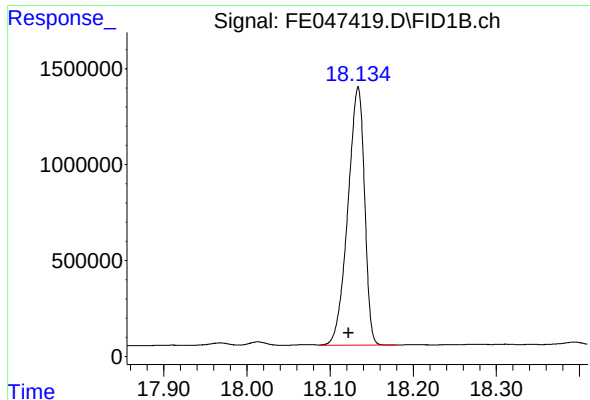
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.013 min
Response: 18432979
Conc: 100.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: 0.012 min
Response: 18518083
Conc: 100.00 ug/ml



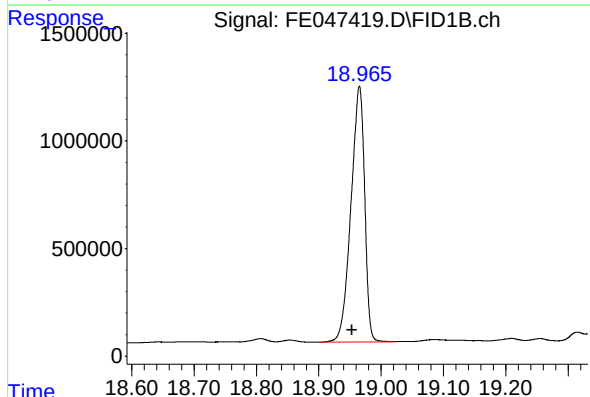
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: 0.012 min
Response: 18754850
Conc: 100.00 ug/ml

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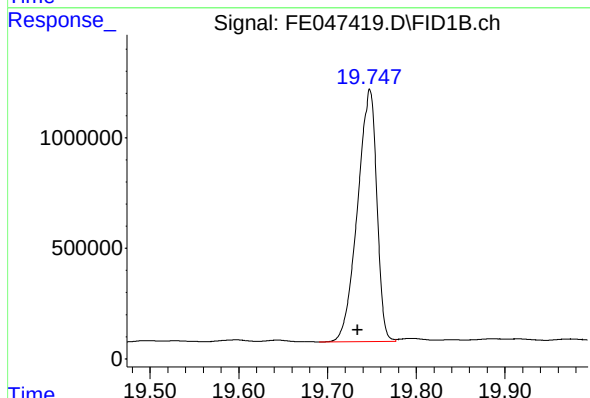
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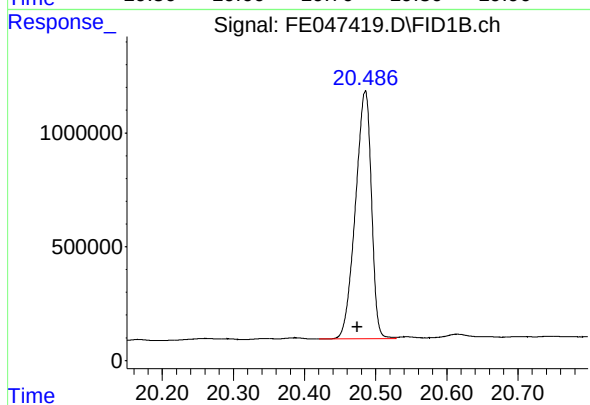
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.012 min
Response: 18161800
Conc: 100.00 ug/ml



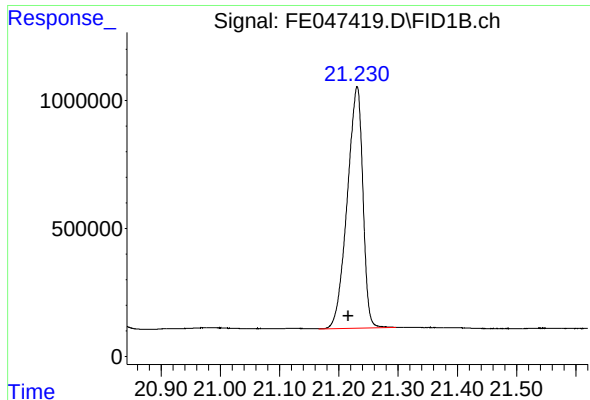
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.014 min
Response: 17245227
Conc: 100.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.011 min
Response: 17006050
Conc: 100.00 ug/ml



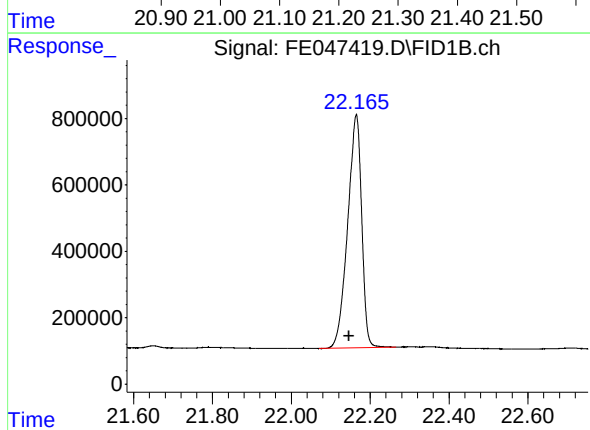
#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.015 min
Response: 17315888
Conc: 100.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: 0.019 min
Response: 17311487
Conc: 100.00 ug/ml