

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050124AL\
 Data File : FE047912.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2024 17:33
 Operator : YP\AJ
 Sample : P2323-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/02/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: May 02 02:13:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.974	4919254	34.099 ug/ml
Spiked Amount 50.000		Recovery =	68.20%
12) S 1-chlorooctadecane (S...	13.407	3864403	34.584 ug/mlm
Spiked Amount 50.000		Recovery =	69.17%
Target Compounds			
1) T n-Nonane (C9)	3.355	4159594	32.275 ug/ml
2) T n-Decane (C10)	4.607	4769261	36.226 ug/ml
3) T A~Naphthalene (C11.7)	6.314	5074717	36.751 ug/ml
4) T n-Dodecane (C12)	6.772	5221399	39.167 ug/ml
5) T A~2-methylnaphthalene...	7.410	5231324	39.311 ug/ml
6) T n-Tetradecane (C14)	8.603	5622565	42.427 ug/ml
7) T n-Hexadecane (C16)	10.210	5912894	42.993 ug/ml
8) T n-Octadecane (C18)	11.654	6112095	43.878 ug/ml
10) T n-Eicosane (C20)	12.963	6157287	45.730 ug/ml
11) T n-Heneicosane (C21)	13.575	5981266	45.184 ug/ml
13) T n-Docosane (C22)	14.162	5944889	44.860 ug/ml
14) T n-Tetracosane (C24)	15.259	10197885	76.588 ug/ml
15) T n-Hexacosane (C26)	16.285	5839082	43.757 ug/ml
16) T n-Octacosane (C28)	17.233	5861814	44.025 ug/ml
17) T n-Tricontane (C30)	18.120	5923658	42.921 ug/ml
18) T n-Dotriacontane (C32)	18.951	5936106	42.976 ug/mlm
19) T n-Tetratriacontane (C34)	19.734	6066277	44.532 ug/ml
20) T n-Hexatriacontane (C36)	20.475	6141660	45.360 ug/ml
21) T n-Octatriacontane (C38)	21.217	6384565	46.242 ug/ml
22) T n-Tetracontane (C40)	22.147	6533083	46.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2323-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

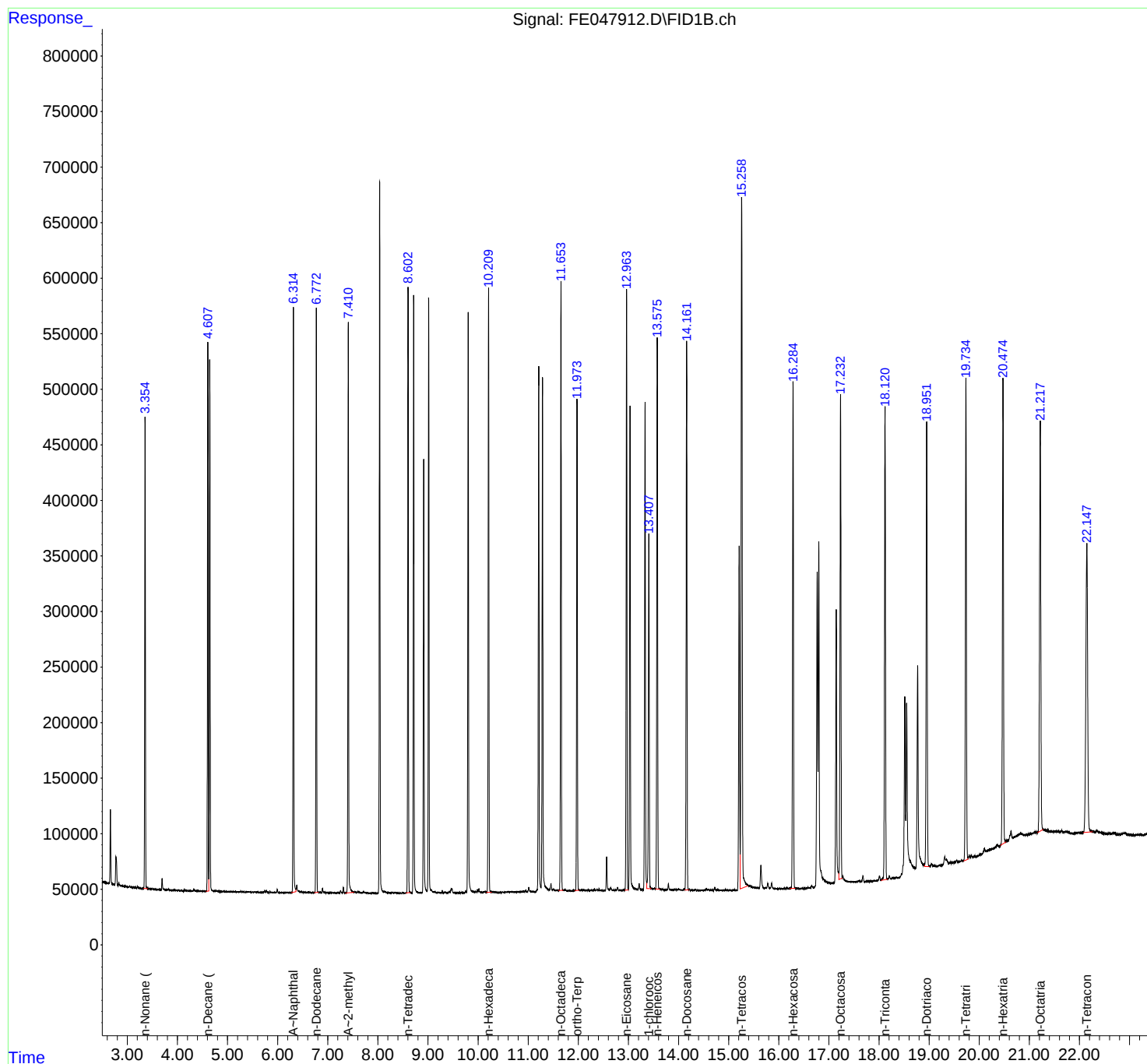
Instrument :
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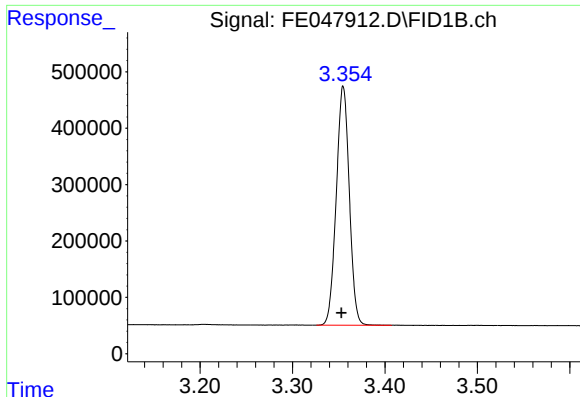
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: 0.002 min
Response: 4159594
Conc: 32.28 ug/ml

Instrument :

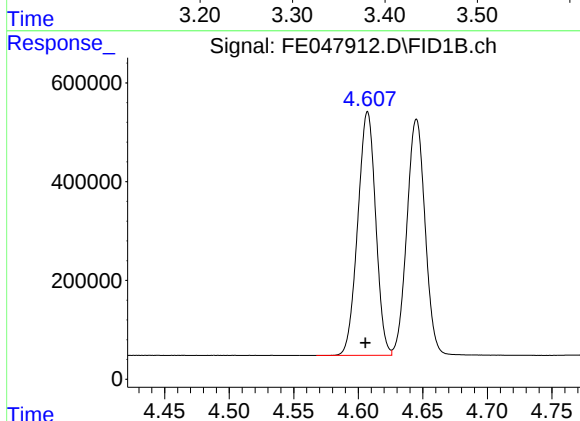
FID_E

ClientSampleId :

TP-2MS

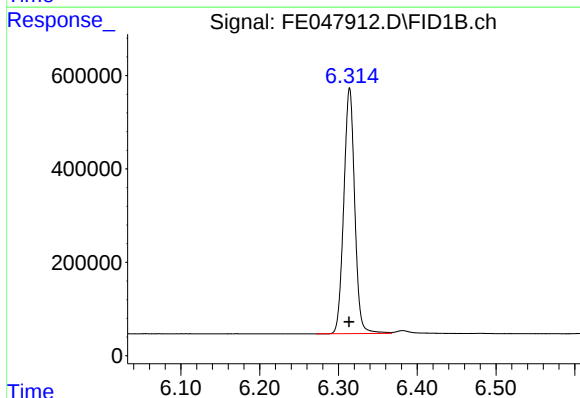
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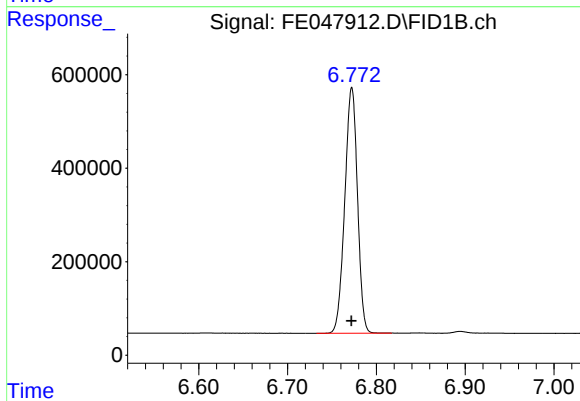
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 4769261
Conc: 36.23 ug/ml



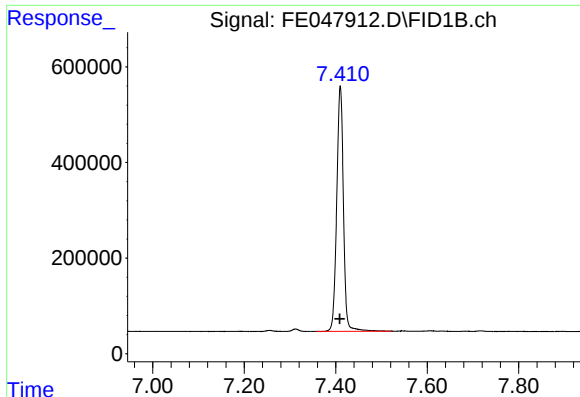
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 5074717
Conc: 36.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 5221399
Conc: 39.17 ug/ml



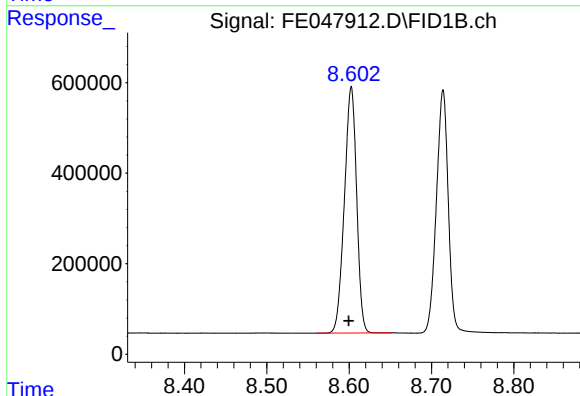
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.410 min
Delta R.T.: 0.001 min
Response: 5231324
Conc: 39.31 ug/ml

Instrument :
FID_E
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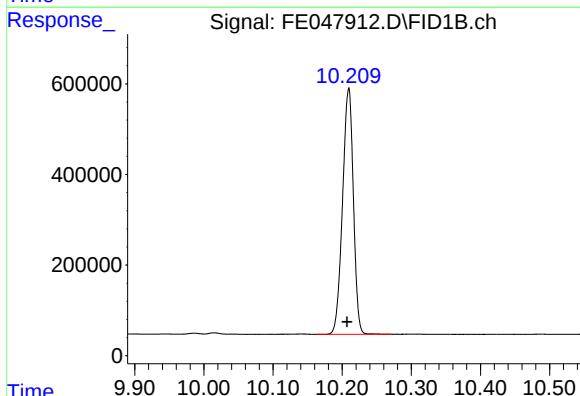
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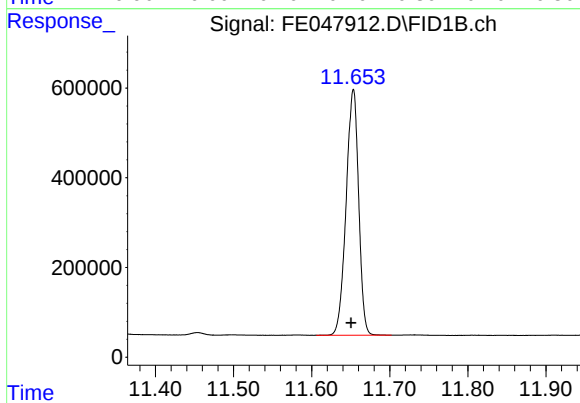
#6 n-Tetradecane (C14)

R.T.: 8.603 min
Delta R.T.: 0.003 min
Response: 5622565
Conc: 42.43 ug/ml



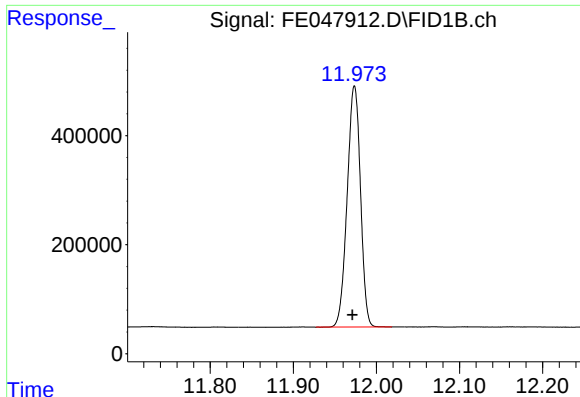
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: 0.003 min
Response: 5912894
Conc: 42.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: 0.003 min
Response: 6112095
Conc: 43.88 ug/ml



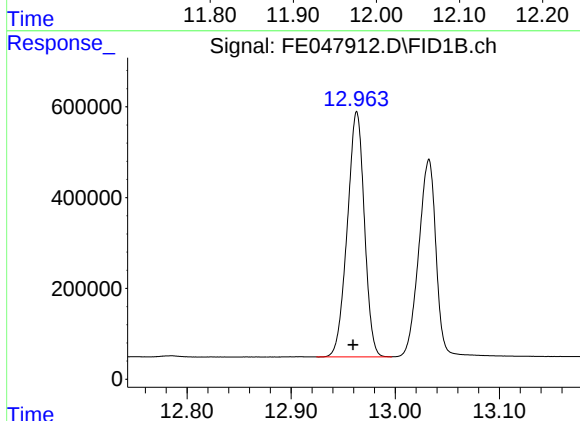
#9 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.003 min
Response: 4919254
Conc: 34.10 ug/ml

Instrument :
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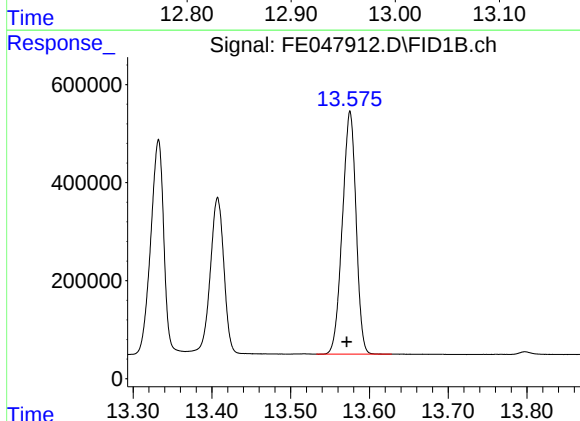
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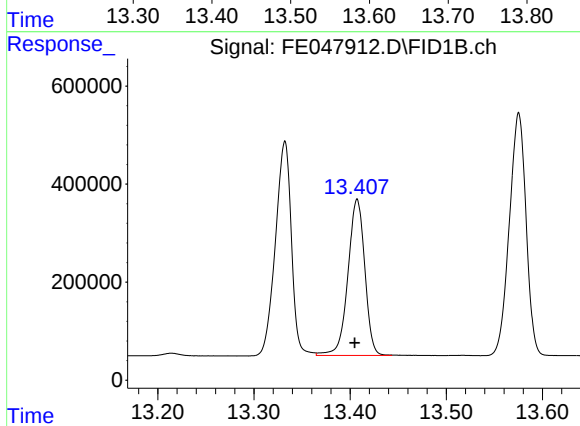
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.004 min
Response: 6157287
Conc: 45.73 ug/ml



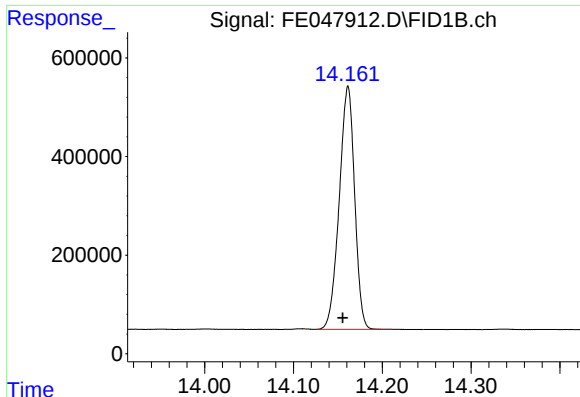
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.004 min
Response: 5981266
Conc: 45.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 3864403
Conc: 34.58 ug/ml m



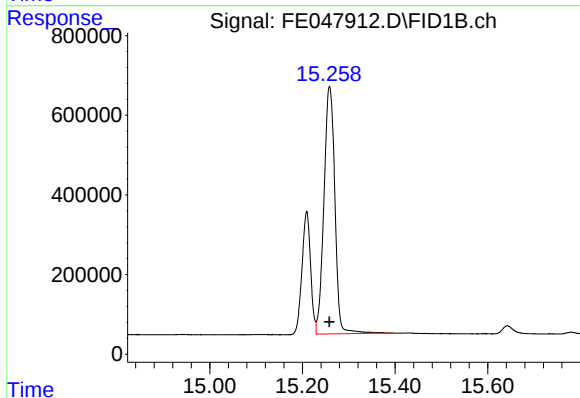
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: 0.006 min
Response: 5944889
Conc: 44.86 ug/ml

Instrument :
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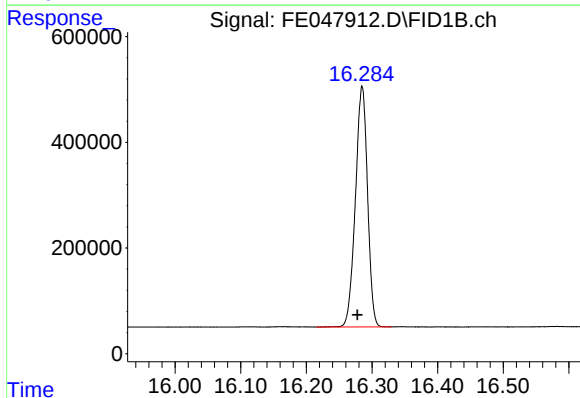
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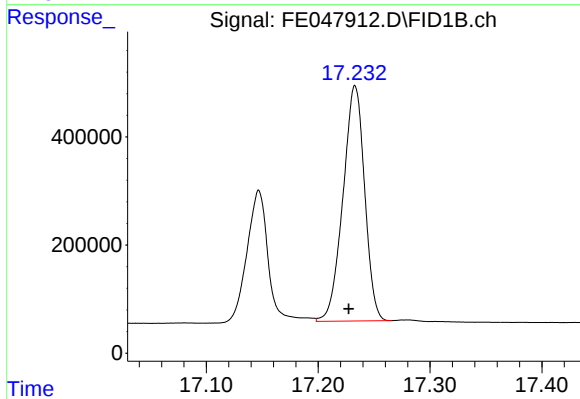
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: 0.000 min
Response: 10197885
Conc: 76.59 ug/ml



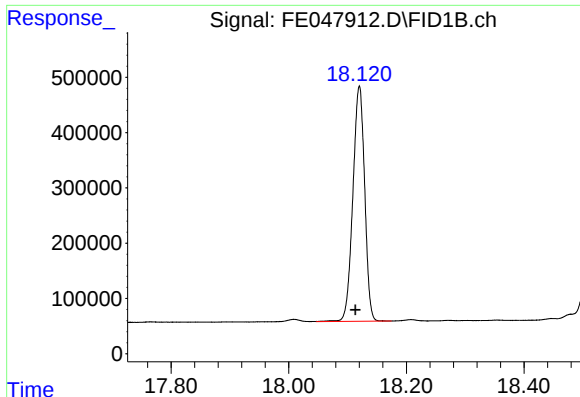
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.007 min
Response: 5839082
Conc: 43.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.006 min
Response: 5861814
Conc: 44.03 ug/ml



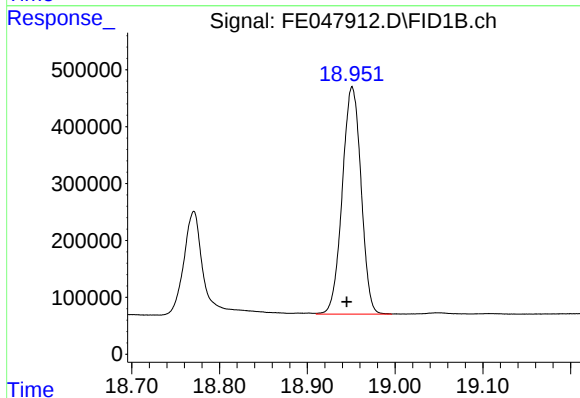
#17 n-Tricontane (C30)

R.T.: 18.120 min
Delta R.T.: 0.007 min
Response: 5923658
Conc: 42.92 ug/ml

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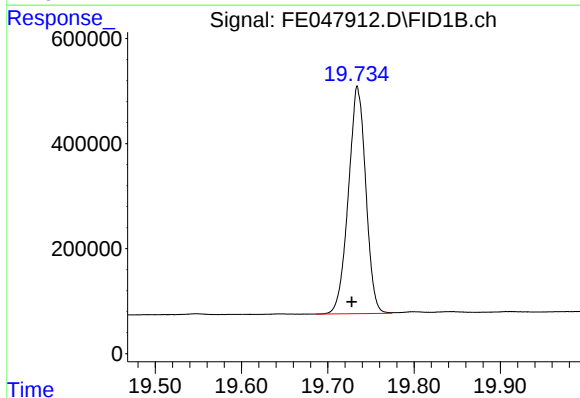
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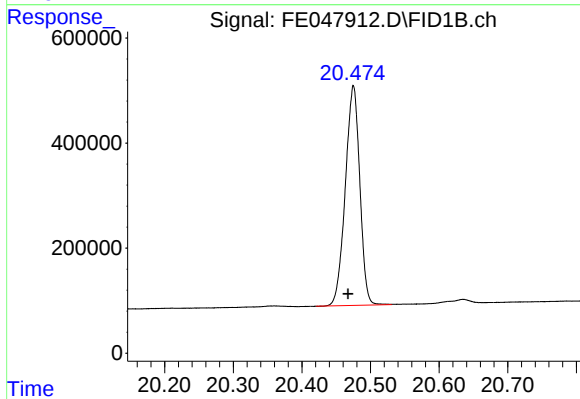
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.006 min
Response: 5936106
Conc: 42.98 ug/ml m



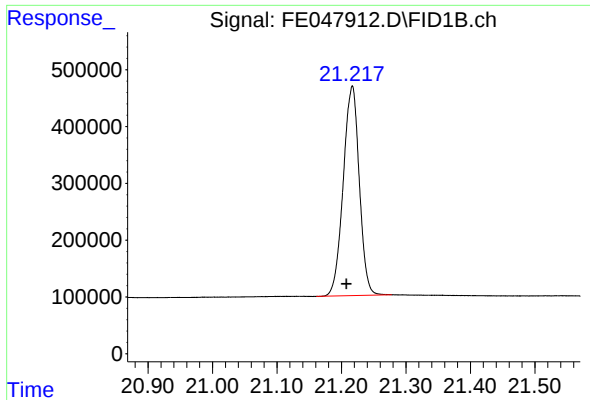
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: 0.007 min
Response: 6066277
Conc: 44.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.008 min
Response: 6141660
Conc: 45.36 ug/ml



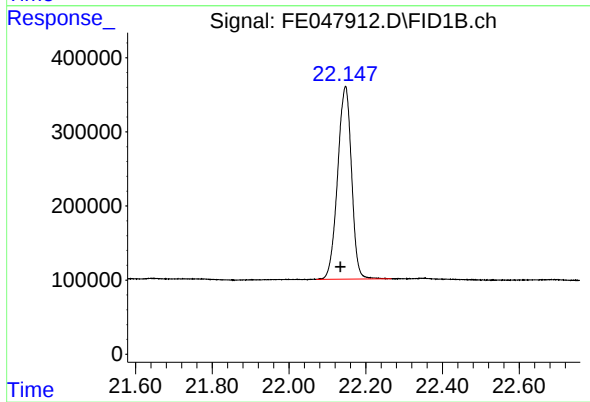
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.009 min
Response: 6384565
Conc: 46.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.013 min
Response: 6533083
Conc: 46.89 ug/ml