

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042624AL\
 Data File : FE047817.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2024 08:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 05/01/2024

Integration File: autoint1.e
 Quant Time: Apr 26 23:34:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.978	3327448	19.184 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
12) S 1-chlorooctadecane (S...	13.412	2581902	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.357	3009446	19.236 ug/ml
2) T n-Decane (C10)	4.610	3061599	19.049 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3251929	19.179 ug/ml
4) T n-Dodecane (C12)	6.776	3085889	19.013 ug/ml
5) T A~2-methylnaphthalene...	7.415	3138168	19.109 ug/ml
6) T n-Tetradecane (C14)	8.605	3051388	18.968 ug/ml
7) T n-Hexadecane (C16)	10.213	3173147	19.107 ug/ml
8) T n-Octadecane (C18)	11.656	3209458	19.138 ug/ml
10) T n-Eicosane (C20)	12.966	3096769	19.115 ug/ml
11) T n-Heneicosane (C21)	13.578	3044137	19.185 ug/ml
13) T n-Docosane (C22)	14.164	3044047	18.968 ug/ml
14) T n-Tetracosane (C24)	15.267	3062646	18.554 ug/ml
15) T n-Hexacosane (C26)	16.287	3037053	18.373 ug/ml
16) T n-Octacosane (C28)	17.236	3011770	18.174 ug/ml
17) T n-Tricontane (C30)	18.123	3091887	18.212 ug/ml
18) T n-Dotriacontane (C32)	18.957	3100450	18.593 ug/ml
19) T n-Tetratriacontane (C34)	19.738	3110133	19.391 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3141371	19.695 ug/mlm
21) T n-Octatriacontane (C38)	21.221	3152846	19.399 ug/mlm
22) T n-Tetracontane (C40)	22.151	3072361	18.765 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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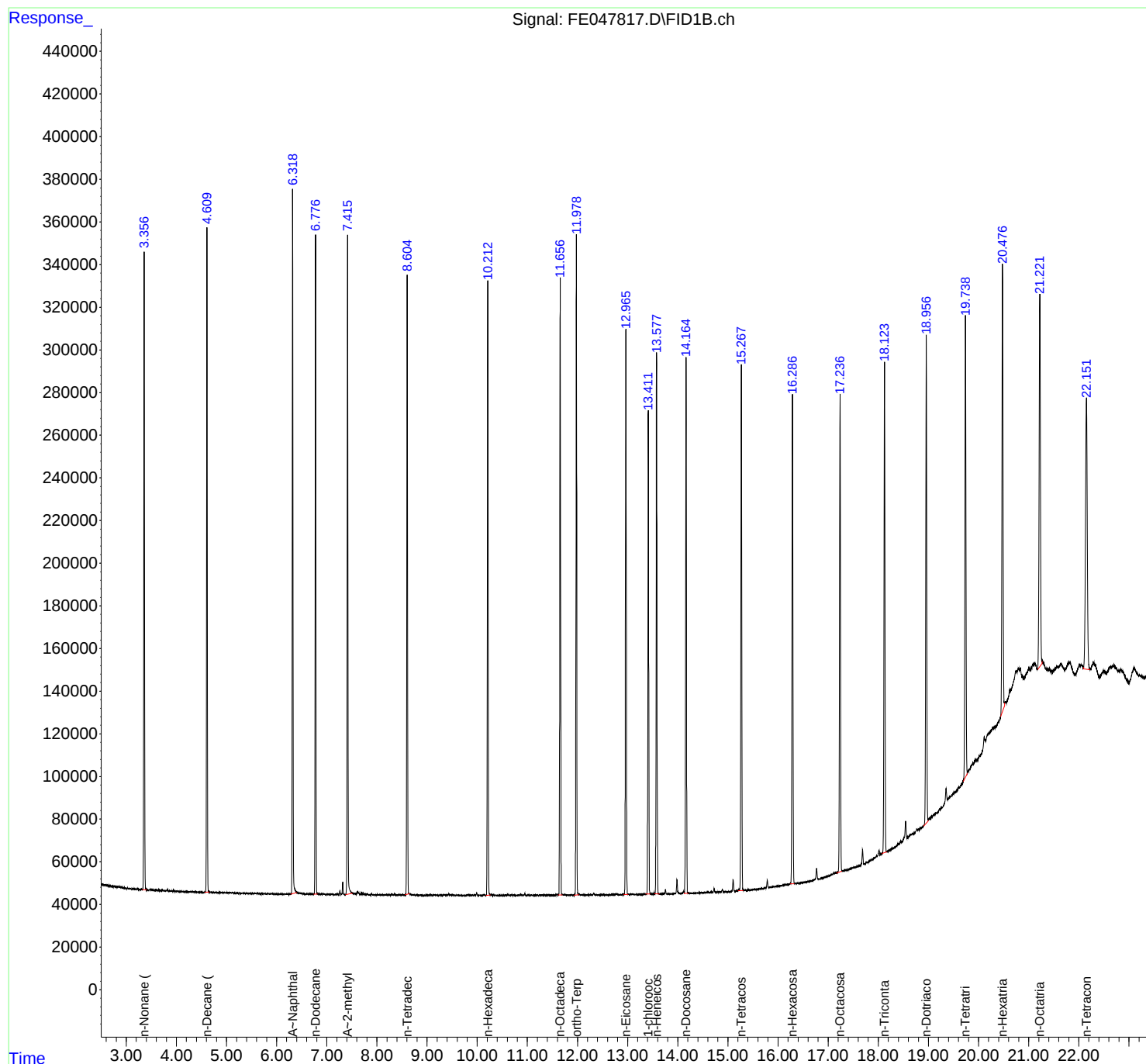
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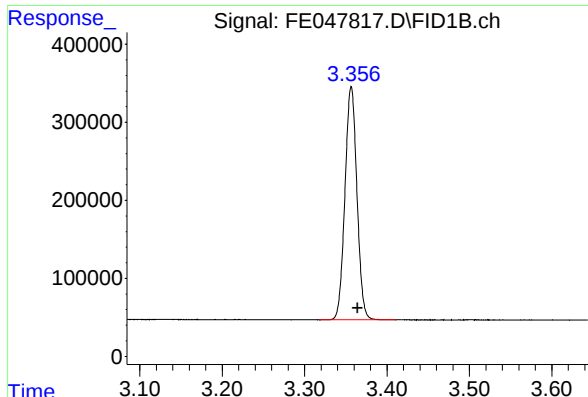
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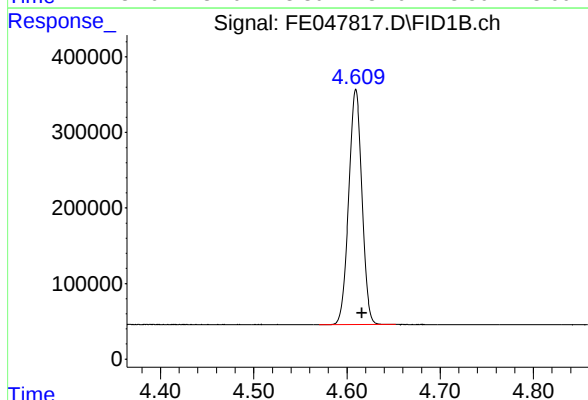
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.007 min
Response: 3009446
Conc: 19.24 ug/ml

Instrument : FID_E
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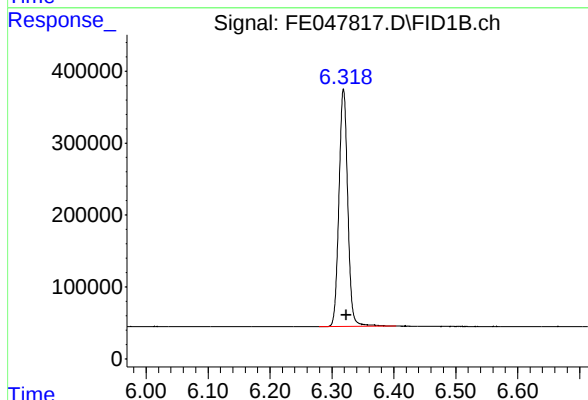
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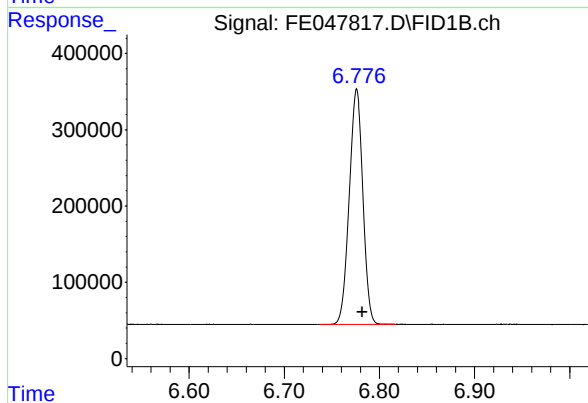
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.007 min
Response: 3061599
Conc: 19.05 ug/ml



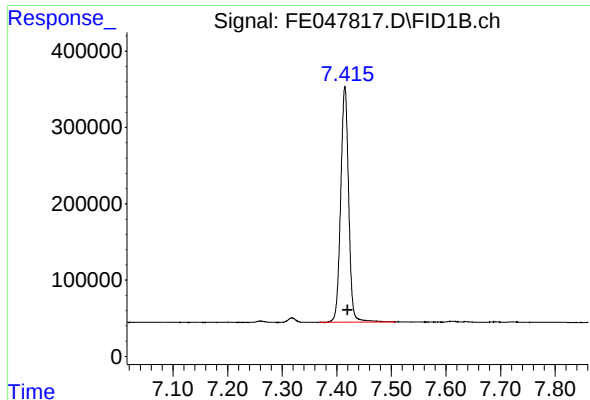
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 3251929
Conc: 19.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 3085889
Conc: 19.01 ug/ml



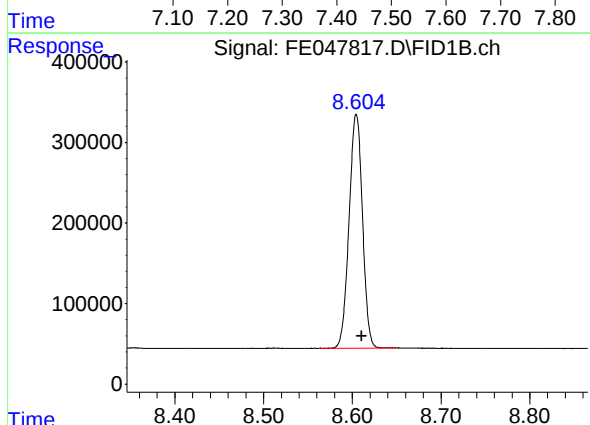
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.415 min
Delta R.T.: -0.005 min
Response: 3138168
Conc: 19.11 ug/ml

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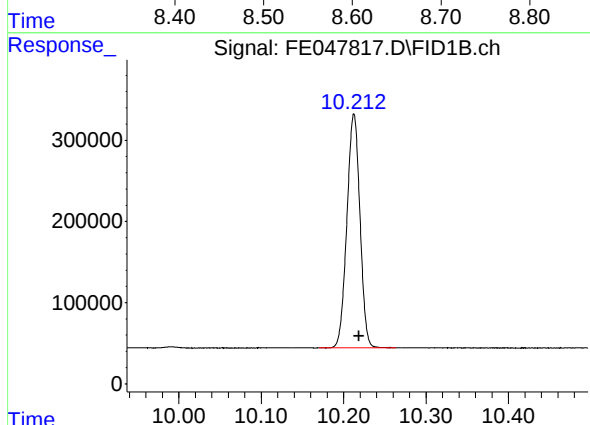
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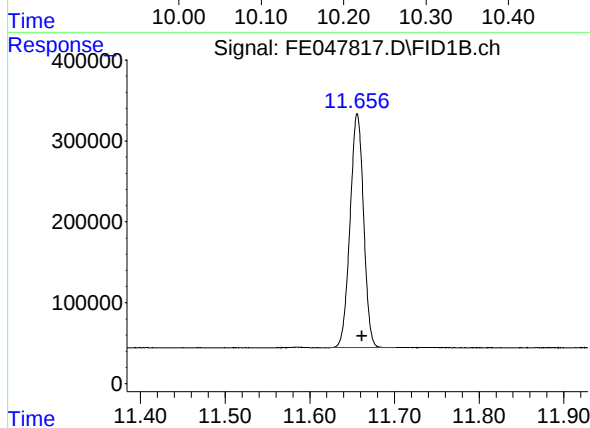
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: -0.006 min
Response: 3051388
Conc: 18.97 ug/ml



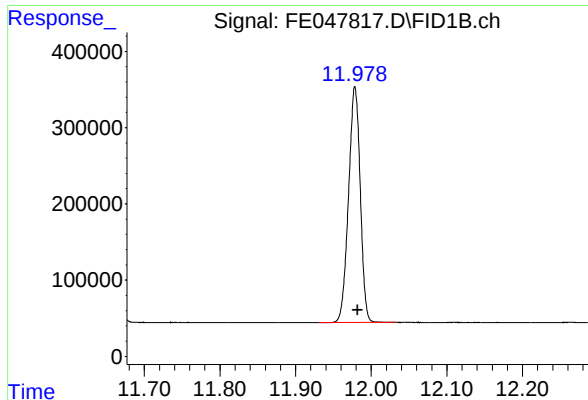
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.006 min
Response: 3173147
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: -0.005 min
Response: 3209458
Conc: 19.14 ug/ml



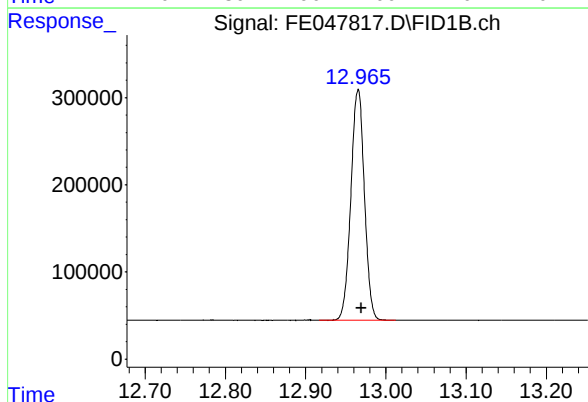
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 3327448
Conc: 19.18 ug/ml

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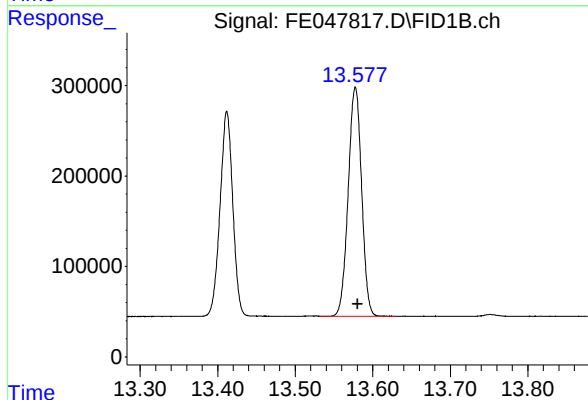
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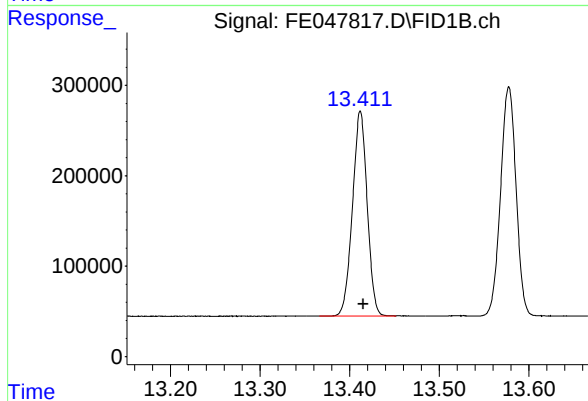
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: -0.004 min
Response: 3096769
Conc: 19.12 ug/ml



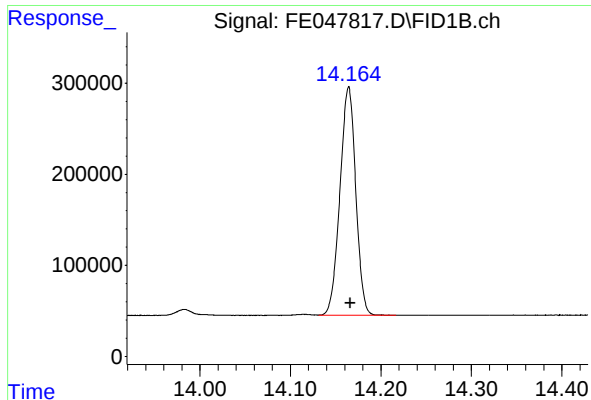
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.003 min
Response: 3044137
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.003 min
Response: 2581902
Conc: 19.20 ug/ml



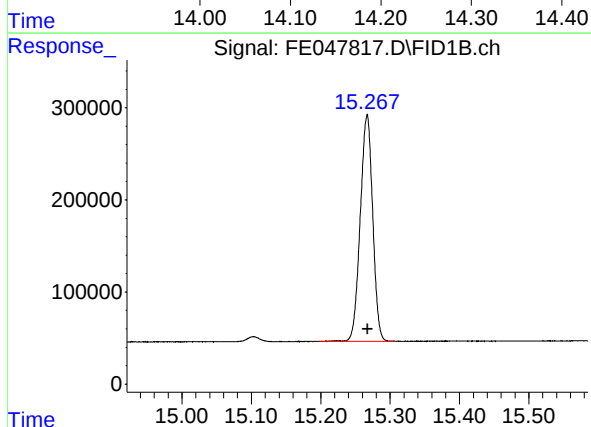
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.002 min
Response: 3044047
Conc: 18.97 ug/ml

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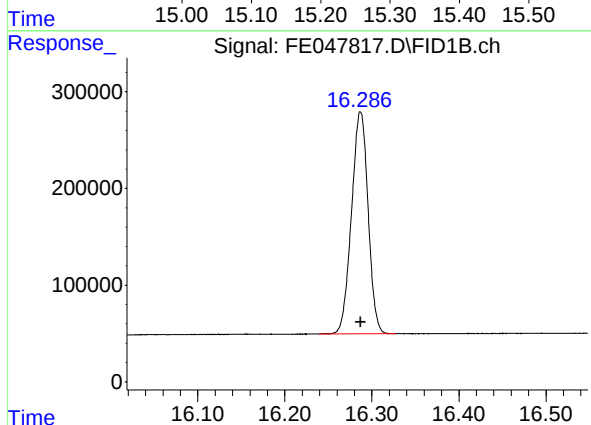
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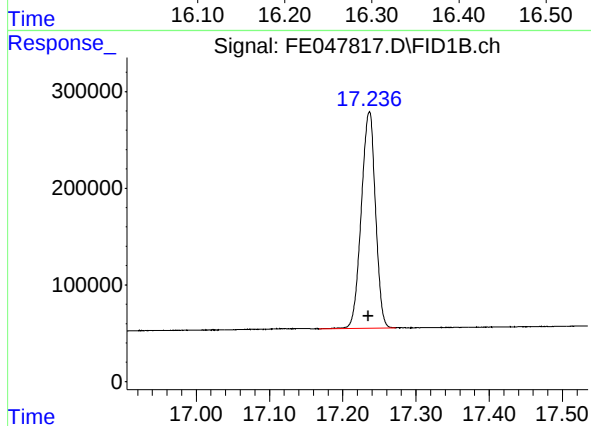
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 3062646
Conc: 18.55 ug/ml



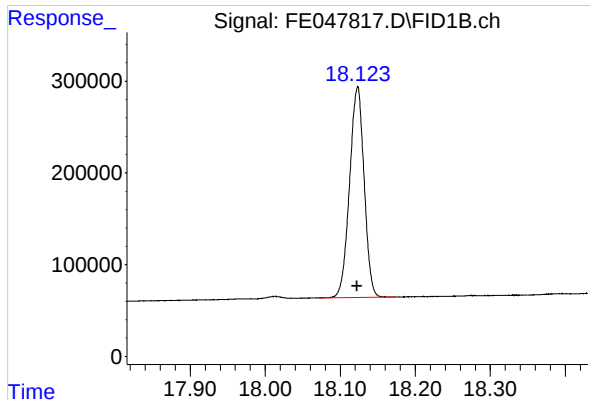
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 3037053
Conc: 18.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.001 min
Response: 3011770
Conc: 18.17 ug/ml



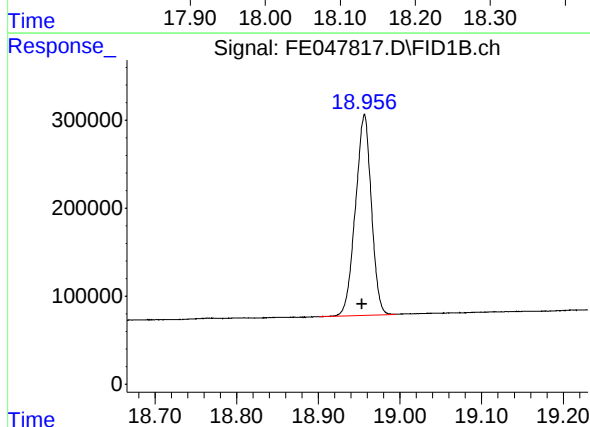
#17 n-Tricontane (C30)

R.T.: 18.123 min
Delta R.T.: 0.001 min
Response: 3091887
Conc: 18.21 ug/ml

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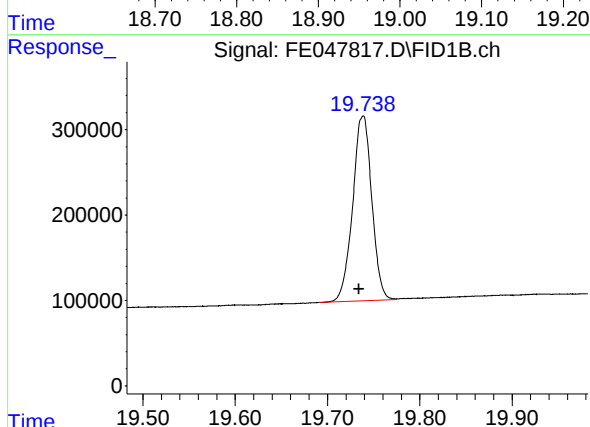
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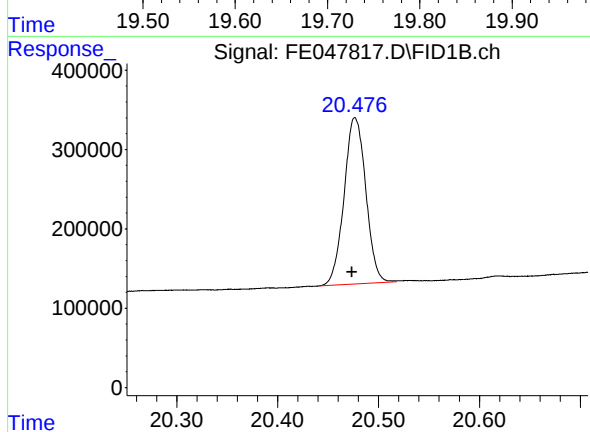
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.003 min
Response: 3100450
Conc: 18.59 ug/ml



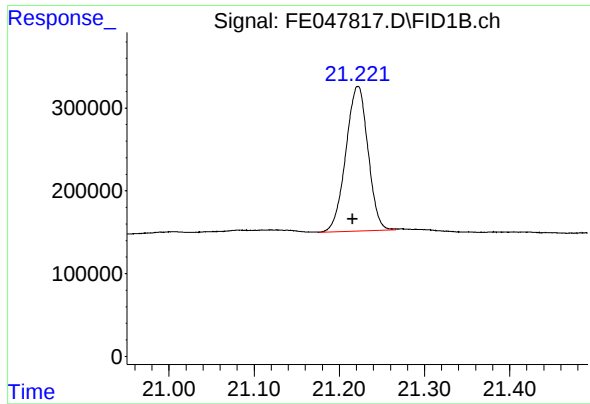
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.004 min
Response: 3110133
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.476 min
Delta R.T.: 0.002 min
Response: 3141371
Conc: 19.70 ug/ml m



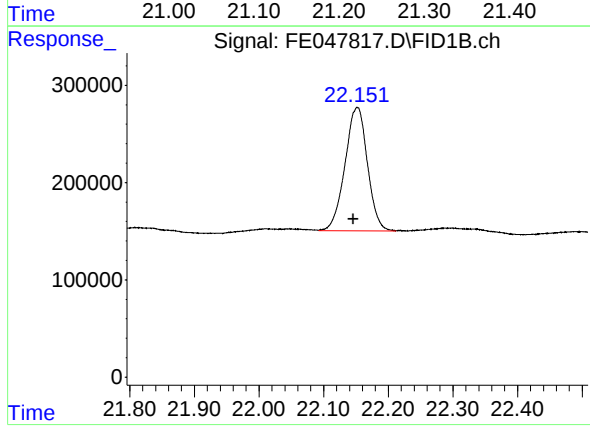
#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.006 min
Response: 3152846
Conc: 19.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 3072361
Conc: 18.77 ug/ml m