

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040423AL\
 Data File : FE041168.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2023 21:10
 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 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File: autoint1.e
 Quant Time: Apr 04 23:54:06 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)	11.851	3472663	18.477 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
12) S 1-chlorooctadecane (S...	13.291	2694204	18.725 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.247	3159130	18.207 ug/ml
2) T n-Decane (C10)	4.495	3157089	18.547 ug/ml
3) T A~Naphthalene (C11.7)	6.198	3475582	19.002 ug/ml
4) T n-Dodecane (C12)	6.660	3230309	18.623 ug/ml
5) T A~2-methylnaphthalene...	7.294	3273603	19.766 ug/ml
6) T n-Tetradecane (C14)	8.487	3246878	18.621 ug/ml
7) T n-Hexadecane (C16)	10.094	3321788	18.677 ug/ml
8) T n-Octadecane (C18)	11.537	3336150	18.684 ug/ml
10) T n-Eicosane (C20)	12.846	3195505	18.734 ug/ml
11) T n-Heneicosane (C21)	13.459	3163052	18.696 ug/ml
13) T n-Docosane (C22)	14.046	3129622	18.912 ug/ml
14) T n-Tetracosane (C24)	15.150	3120152	19.286 ug/ml
15) T n-Hexacosane (C26)	16.172	3052744	19.693 ug/ml
16) T n-Octacosane (C28)	17.124	3098905	20.230 ug/ml
17) T n-Tricontane (C30)	18.012	3179068	20.798 ug/ml
18) T n-Dotriacontane (C32)	18.846	3273847	20.969 ug/ml
19) T n-Tetratriacontane (C34)	19.632	3156168	20.367 ug/ml
20) T n-Hexatriacontane (C36)	20.375	3105252	20.443 ug/ml
21) T n-Octatriacontane (C38)	21.102	3119672	19.970 ug/ml
22) T n-Tetracontane (C40)	21.986	3595433	22.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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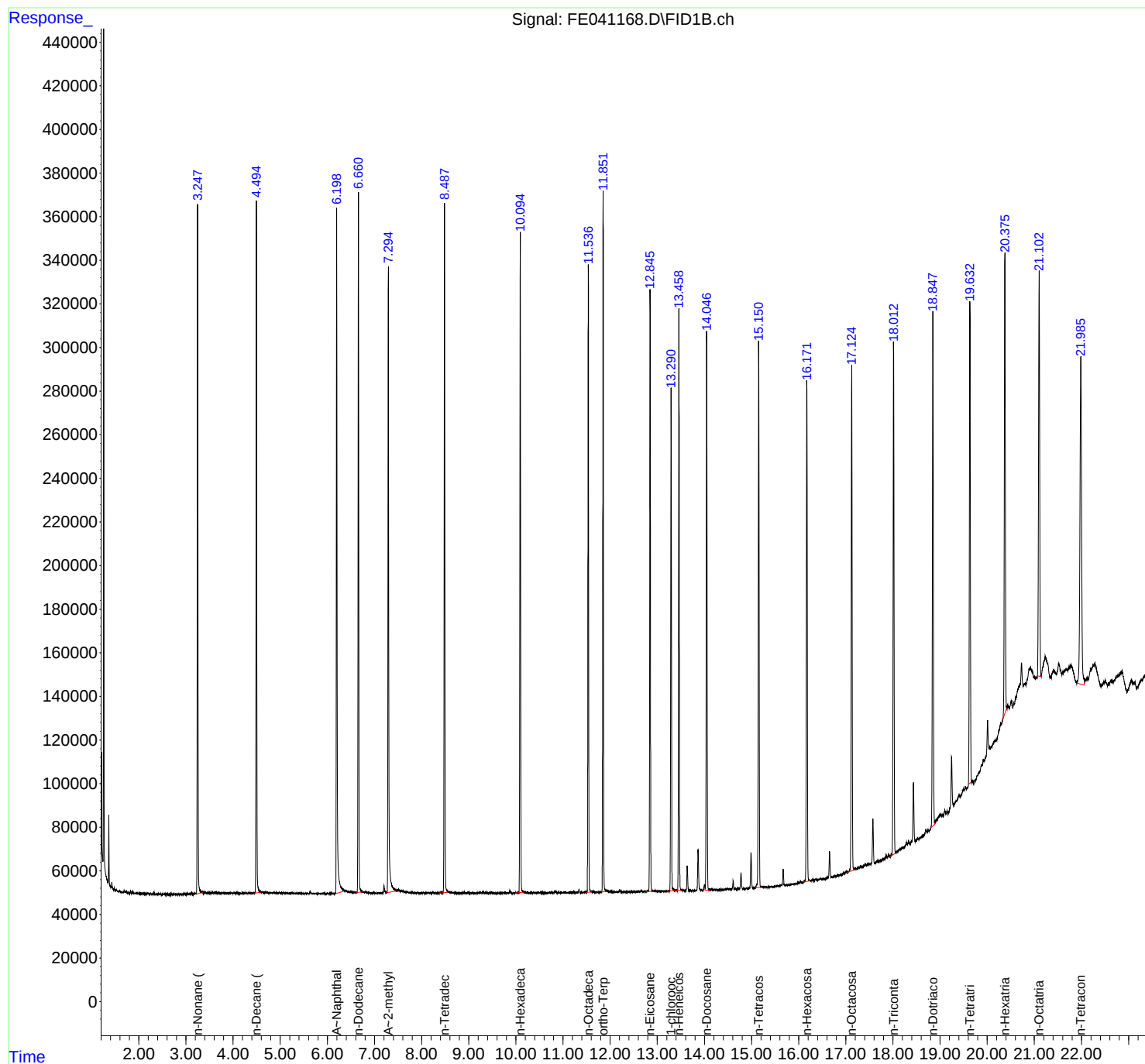
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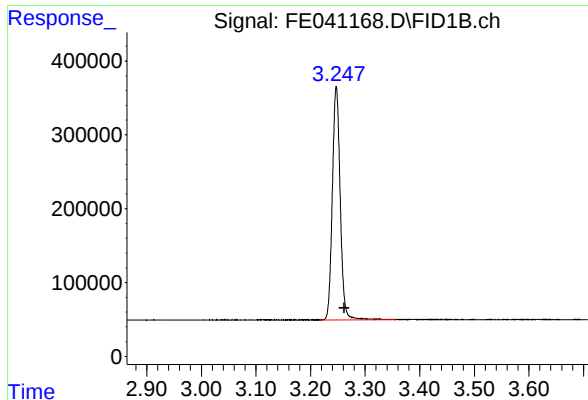
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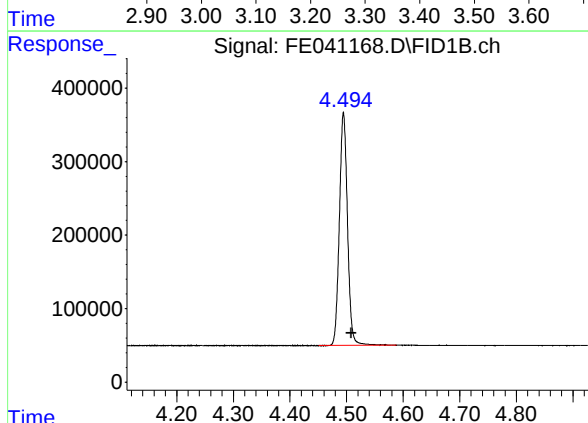
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.015 min
Response: 3159130
Conc: 18.21 ug/ml

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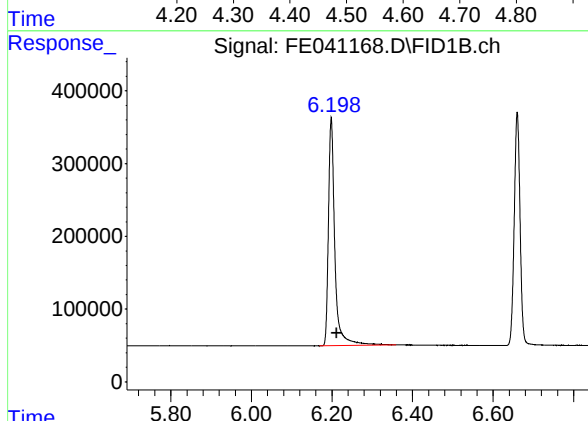
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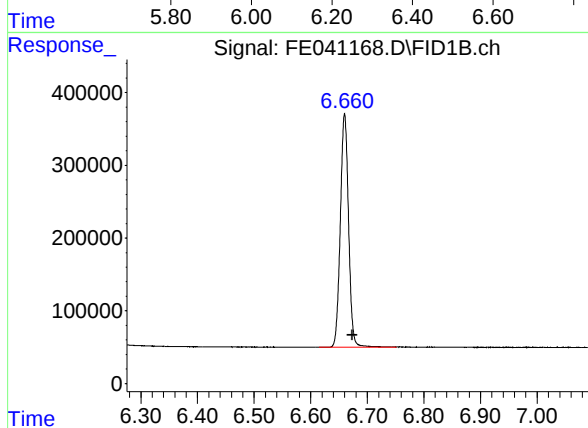
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.014 min
Response: 3157089
Conc: 18.55 ug/ml



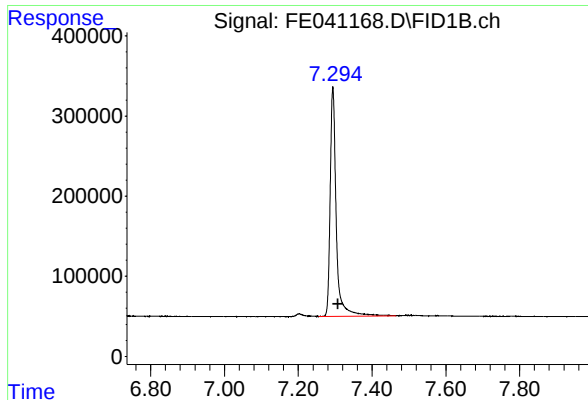
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.014 min
Response: 3475582
Conc: 19.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.660 min
Delta R.T.: -0.014 min
Response: 3230309
Conc: 18.62 ug/ml



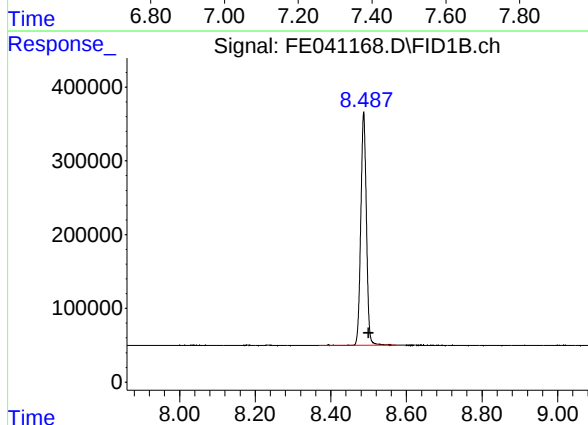
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.014 min
Response: 3273603
Conc: 19.77 ug/ml

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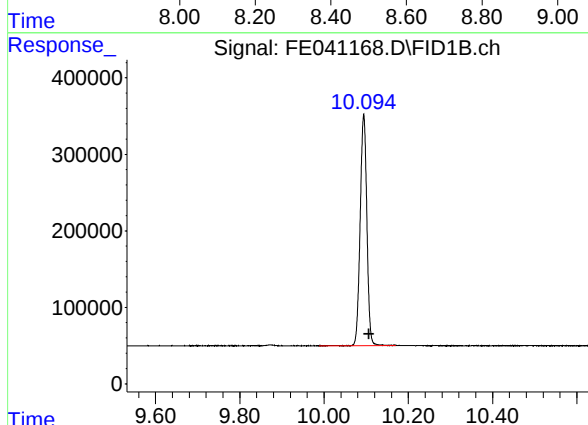
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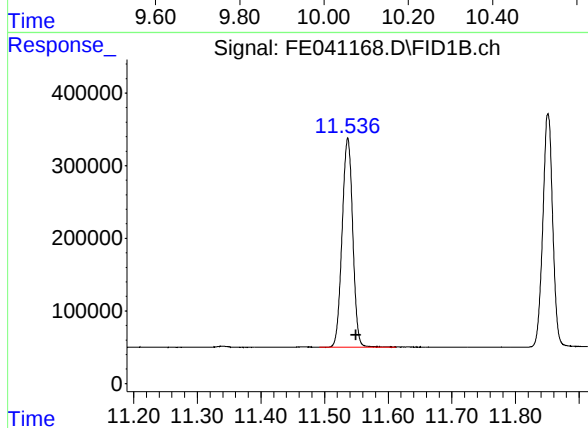
#6 n-Tetradecane (C14)

R.T.: 8.487 min
Delta R.T.: -0.013 min
Response: 3246878
Conc: 18.62 ug/ml



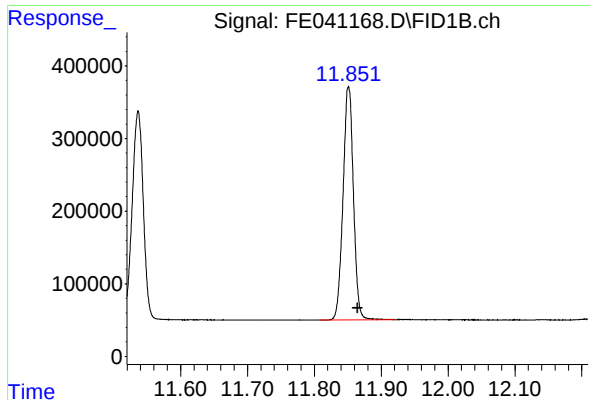
#7 n-Hexadecane (C16)

R.T.: 10.094 min
Delta R.T.: -0.012 min
Response: 3321788
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.013 min
Response: 3336150
Conc: 18.68 ug/ml



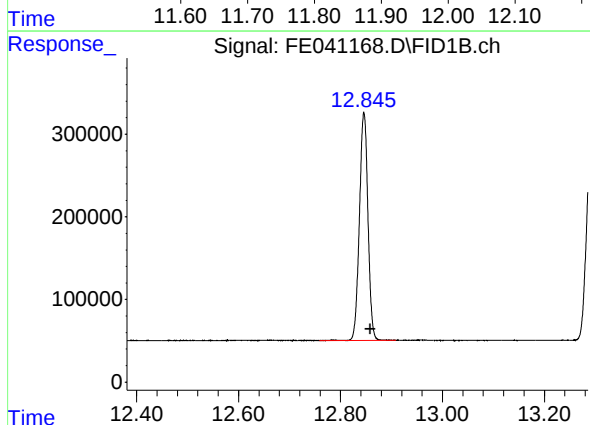
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min
Delta R.T.: -0.014 min
Response: 3472663
Conc: 18.48 ug/ml

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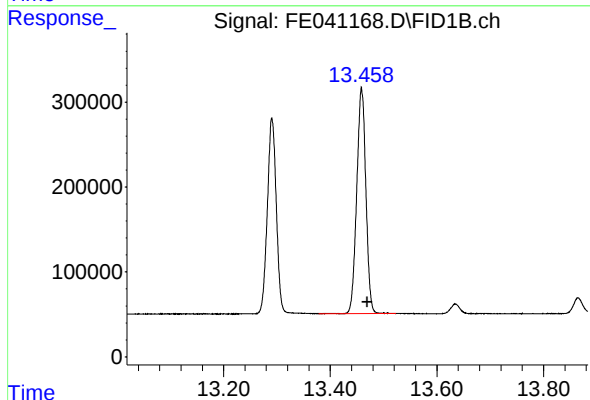
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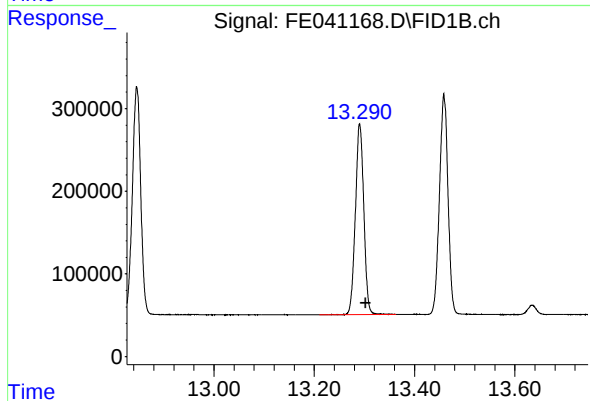
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.012 min
Response: 3195505
Conc: 18.73 ug/ml



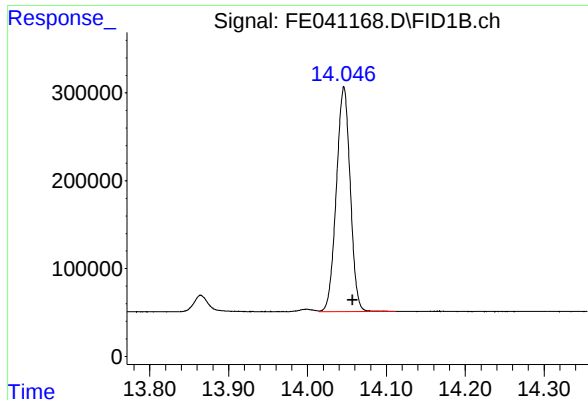
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.011 min
Response: 3163052
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.011 min
Response: 2694204
Conc: 18.73 ug/ml



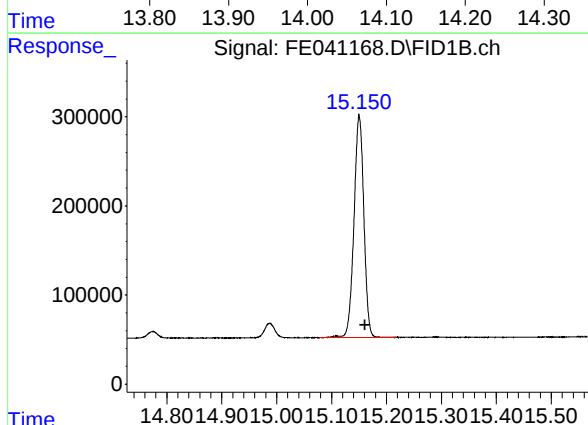
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.011 min
Response: 3129622
Conc: 18.91 ug/ml

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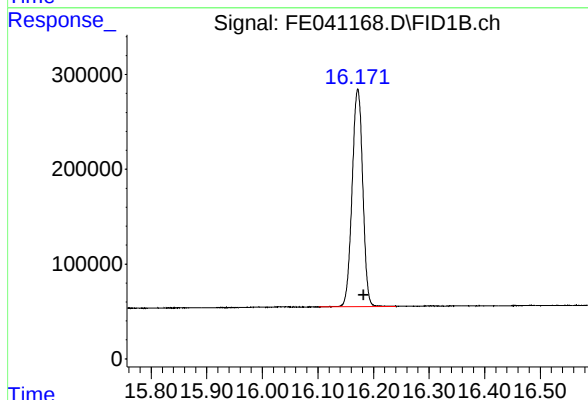
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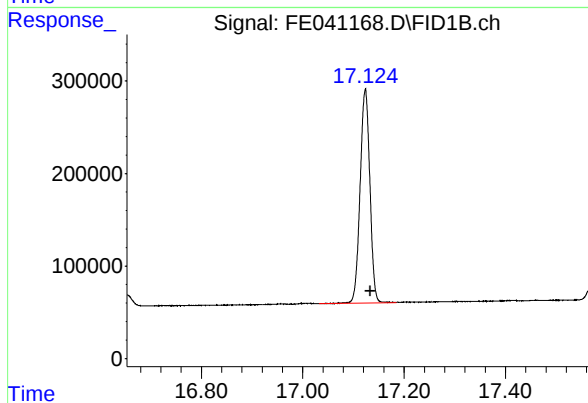
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.011 min
Response: 3120152
Conc: 19.29 ug/ml



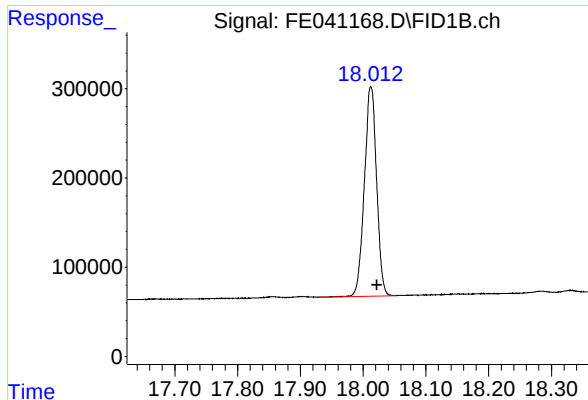
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.010 min
Response: 3052744
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.010 min
Response: 3098905
Conc: 20.23 ug/ml



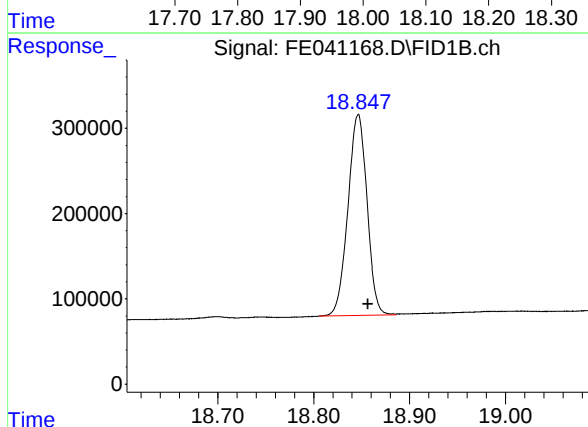
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.010 min
Response: 3179068
Conc: 20.80 ug/ml

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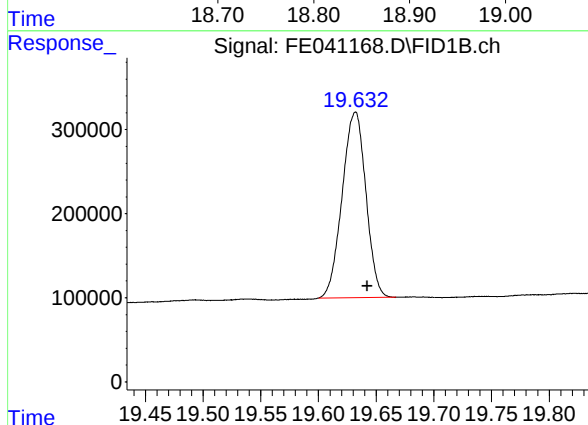
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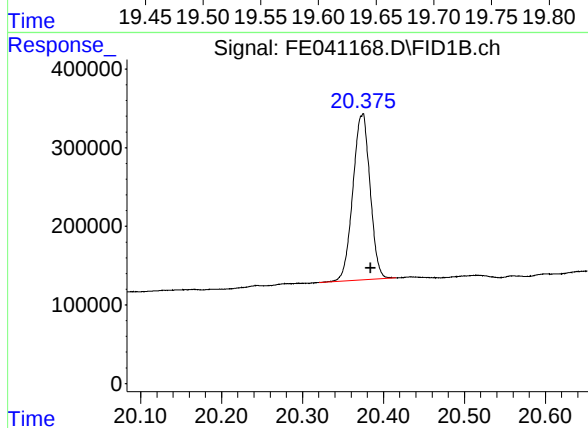
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.010 min
Response: 3273847
Conc: 20.97 ug/ml



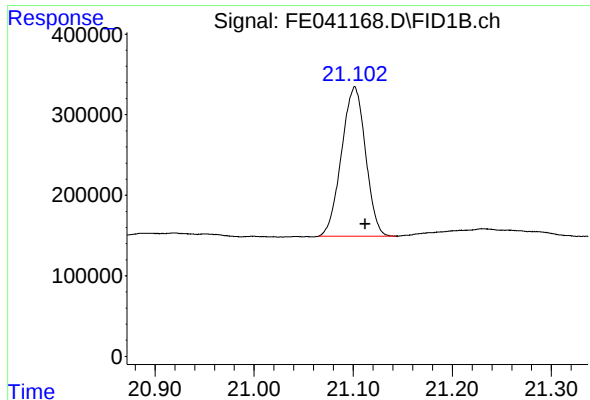
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.010 min
Response: 3156168
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.009 min
Response: 3105252
Conc: 20.44 ug/ml m



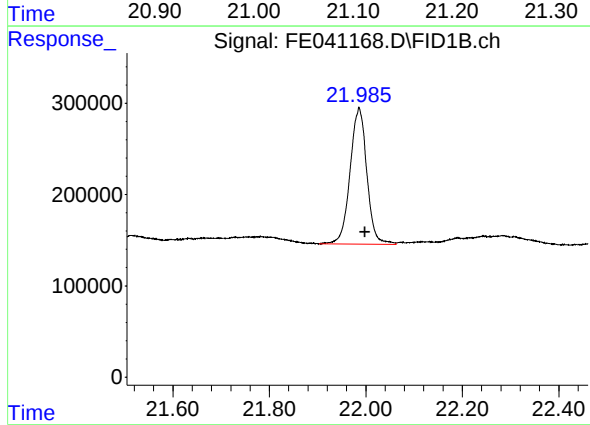
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 3119672
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: -0.012 min
Response: 3595433
Conc: 22.53 ug/ml