

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037417.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 11:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E
 Quant Time: Sep 07 02:43:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.640	3307987	19.575 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
12) S 1-chlorooctadecane (S...	13.063	2471720	19.205 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T n-Nonane (C9)	3.036	3104327	20.289 ug/ml
2) T n-Decane (C10)	4.293	3202360	20.771 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3159266	21.929 ug/ml
4) T n-Dodecane (C12)	6.464	3265633	20.651 ug/ml
5) T A~2-methylnaphthalene...	7.099	3087562	22.115 ug/ml
6) T n-Tetradecane (C14)	9.883	3218163	20.310 ug/ml
7) T n-Hexadecane (C16)	9.883	3218163	20.310 ug/ml
8) T n-Octadecane (C18)	11.318	3168366	19.896 ug/ml
10) T n-Eicosane (C20)	12.620	3081710	19.477 ug/ml
11) T n-Heneicosane (C21)	13.230	3033947	19.240 ug/ml
13) T n-Docosane (C22)	13.812	2985916	19.181 ug/ml
14) T n-Tetracosane (C24)	14.910	2871654	19.093 ug/ml
15) T n-Hexacosane (C26)	15.926	2777543	19.181 ug/ml
16) T n-Octacosane (C28)	16.871	2732106	19.721 ug/ml
17) T n-Tricontane (C30)	17.754	2843143	20.901 ug/ml
18) T n-Dotriacontane (C32)	18.582	2896036	21.688 ug/ml
19) T n-Tetratriacontane (C34)	19.362	2749765	21.733 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2758691	21.449 ug/ml
21) T n-Octatriacontane (C38)	20.797	2714663	21.812 ug/ml
22) T n-Tetracontane (C40)	21.576	2817487	21.855 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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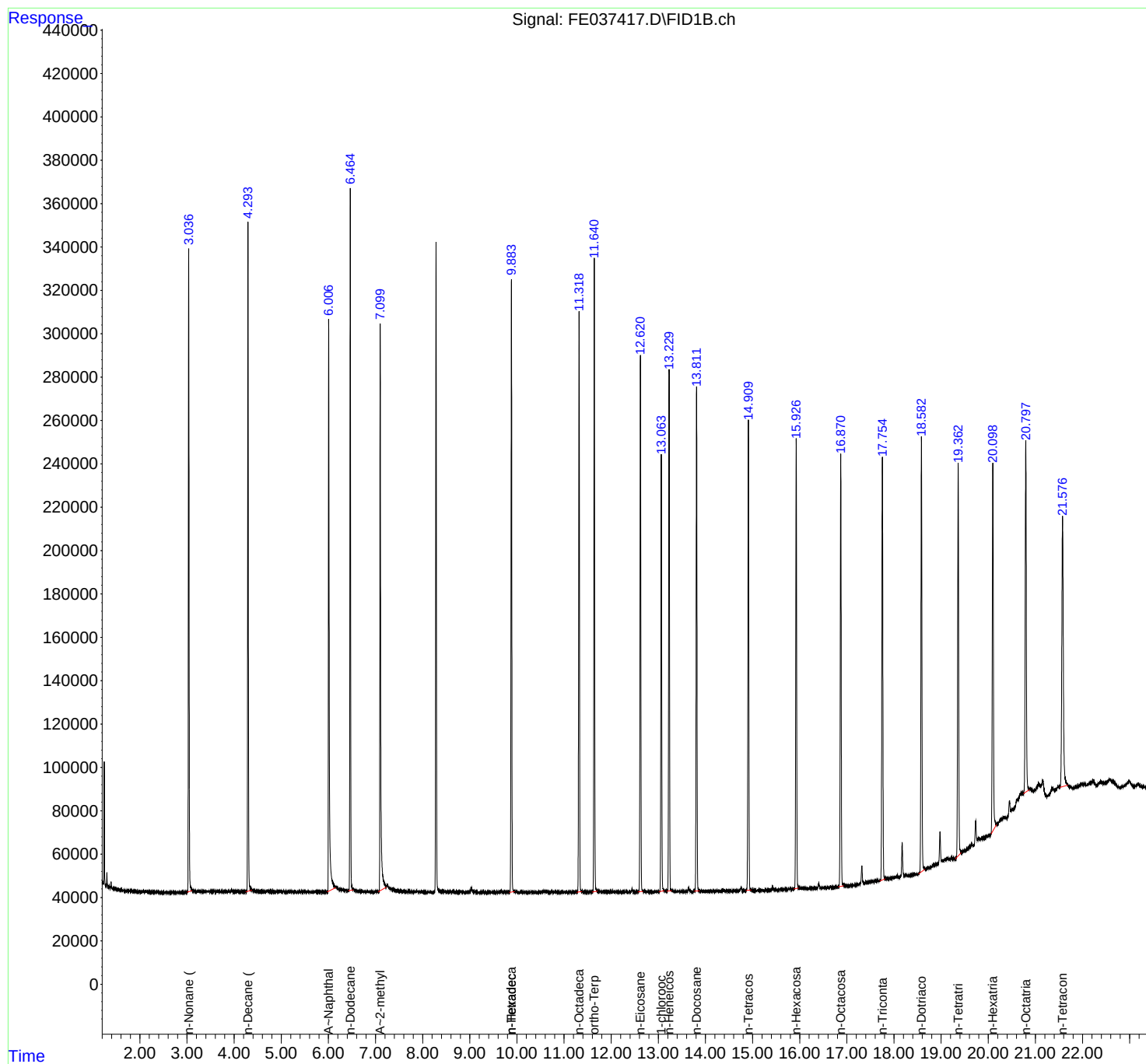
Instrument :
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20 PPM ALIPHATIC HC STD

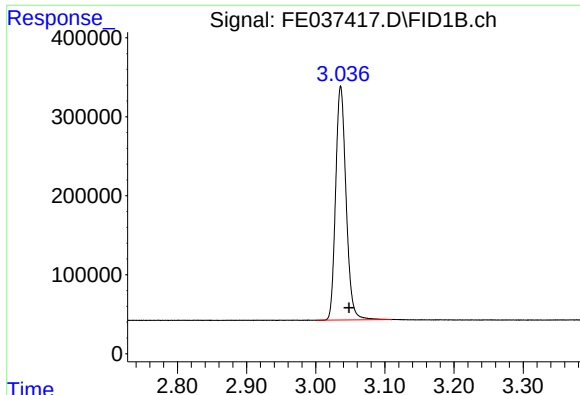
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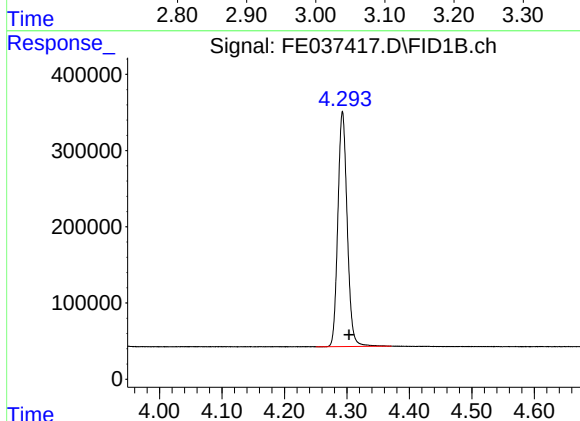
#1 n-Nonane (C9)

R.T.: 3.036 min
Delta R.T.: -0.012 min
Response: 3104327
Conc: 20.29 ug/ml

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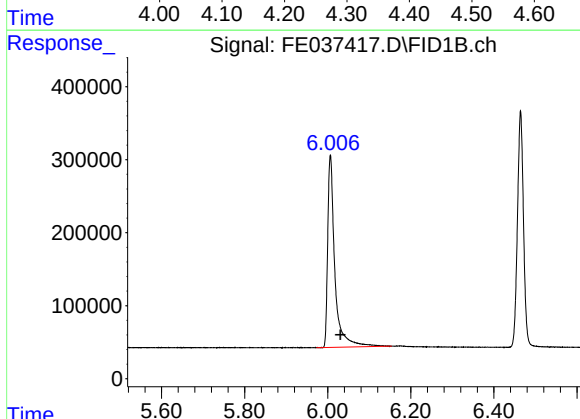
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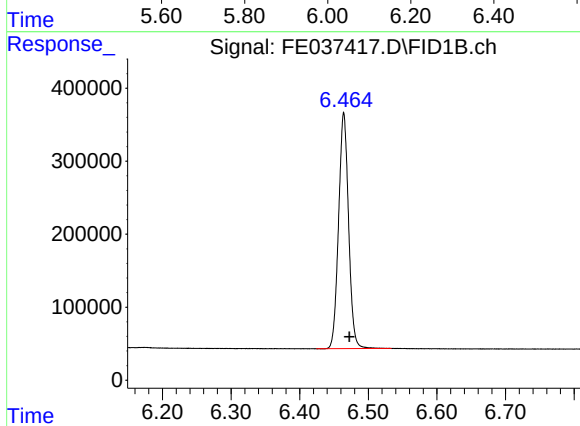
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: -0.010 min
Response: 3202360
Conc: 20.77 ug/ml



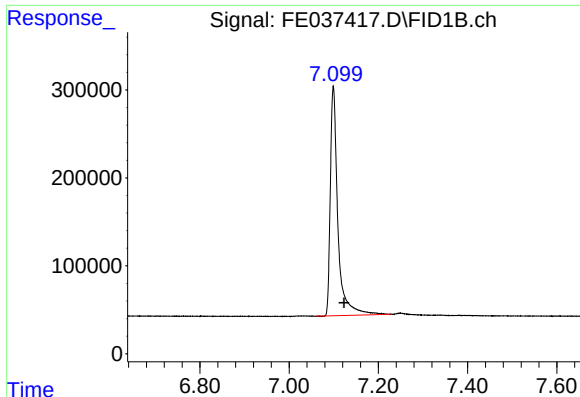
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.024 min
Response: 3159266
Conc: 21.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.008 min
Response: 3265633
Conc: 20.65 ug/ml



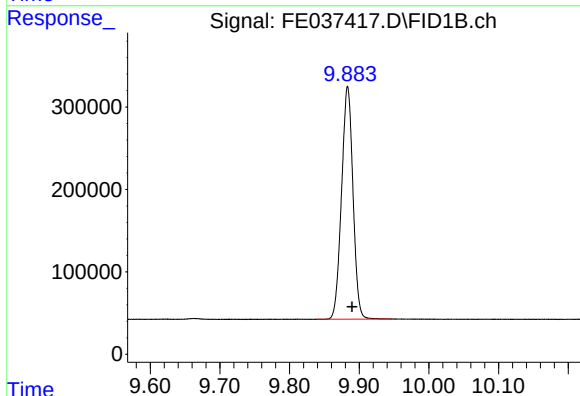
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: -0.024 min
Response: 3087562
Conc: 22.11 ug/ml

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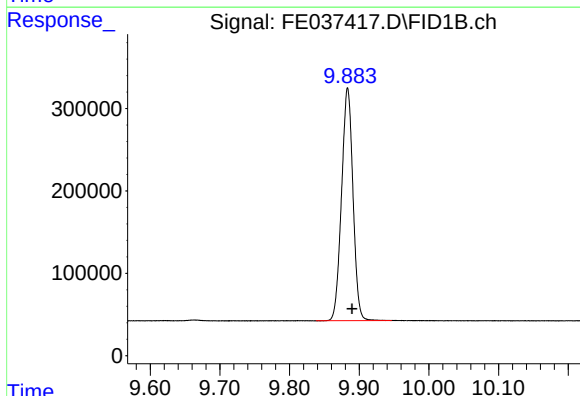
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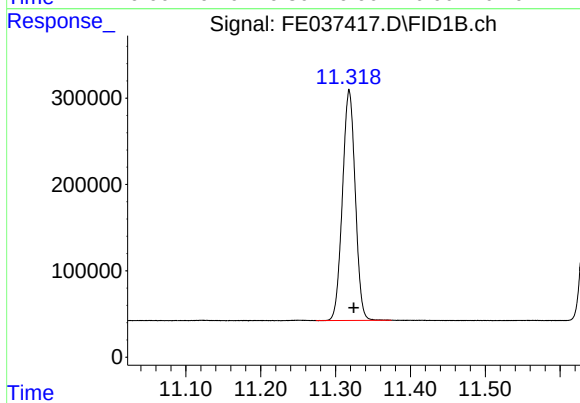
#6 n-Tetradecane (C14)

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 3218163
Conc: 20.31 ug/ml



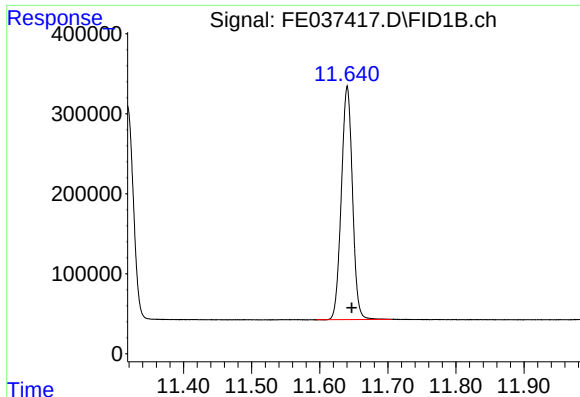
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 3218163
Conc: 20.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.006 min
Response: 3168366
Conc: 19.90 ug/ml



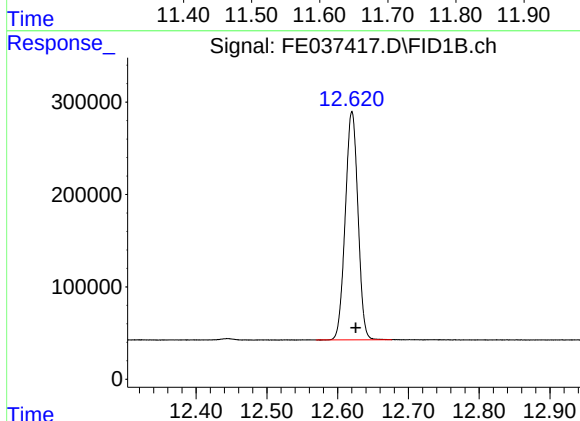
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.007 min
Response: 3307987
Conc: 19.57 ug/ml

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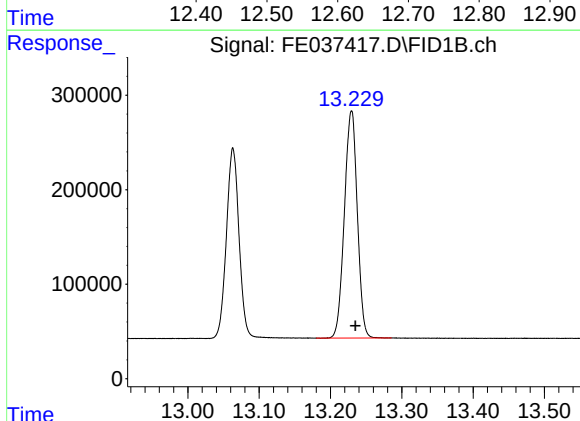
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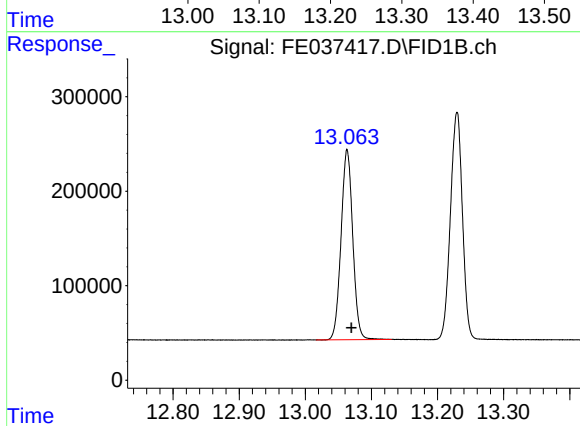
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.005 min
Response: 3081710
Conc: 19.48 ug/ml



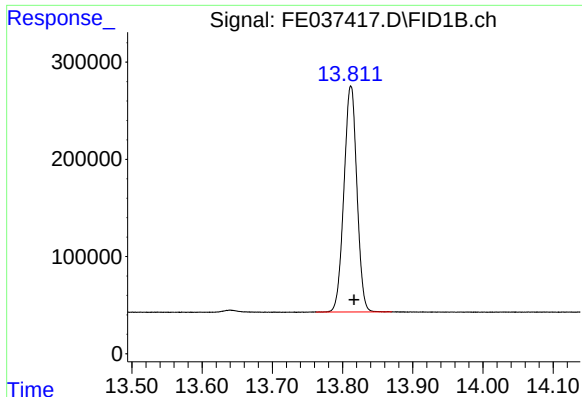
#11 n-Heneicosane (C21)

R.T.: 13.230 min
Delta R.T.: -0.005 min
Response: 3033947
Conc: 19.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: -0.006 min
Response: 2471720
Conc: 19.21 ug/ml



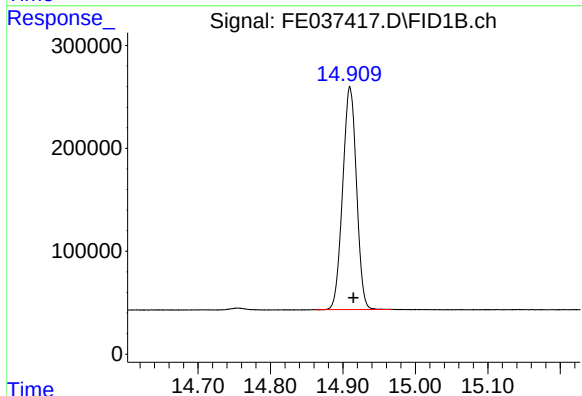
#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.004 min
Response: 2985916
Conc: 19.18 ug/ml

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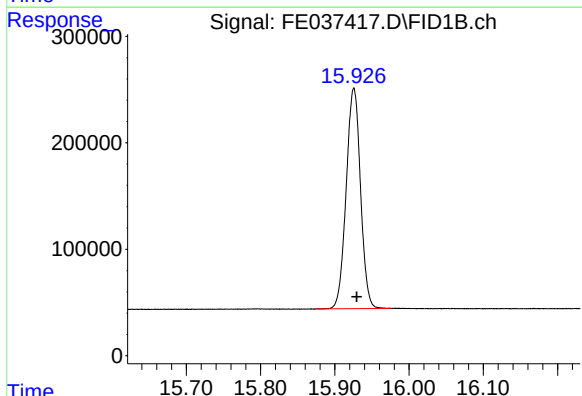
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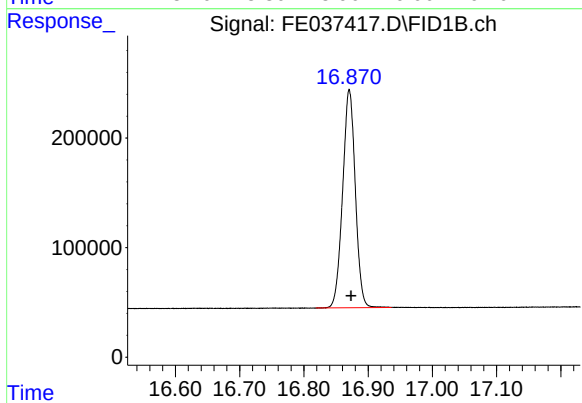
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.005 min
Response: 2871654
Conc: 19.09 ug/ml



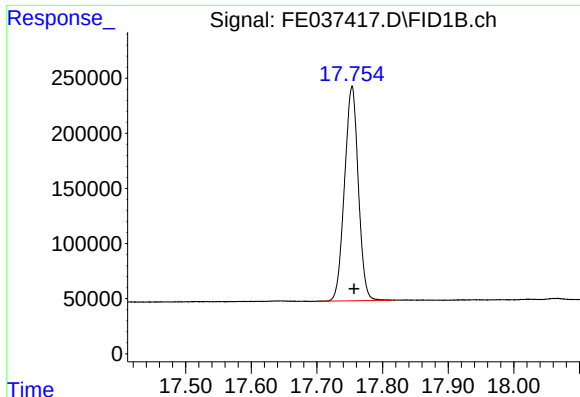
#15 n-Hexacosane (C26)

R.T.: 15.926 min
Delta R.T.: -0.004 min
Response: 2777543
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.871 min
Delta R.T.: -0.003 min
Response: 2732106
Conc: 19.72 ug/ml



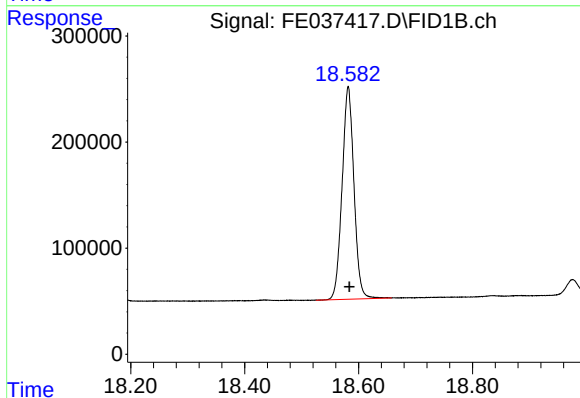
#17 n-Tricontane (C30)

R.T.: 17.754 min
Delta R.T.: -0.003 min
Response: 2843143
Conc: 20.90 ug/ml

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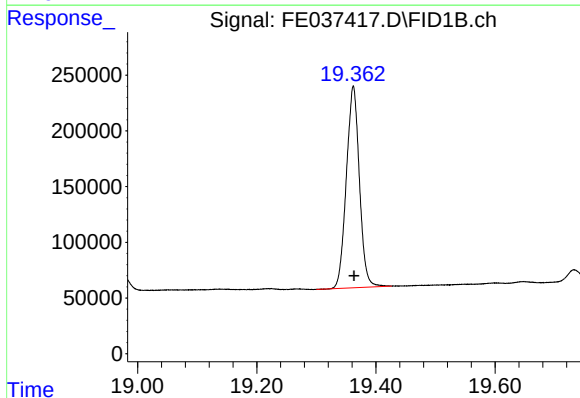
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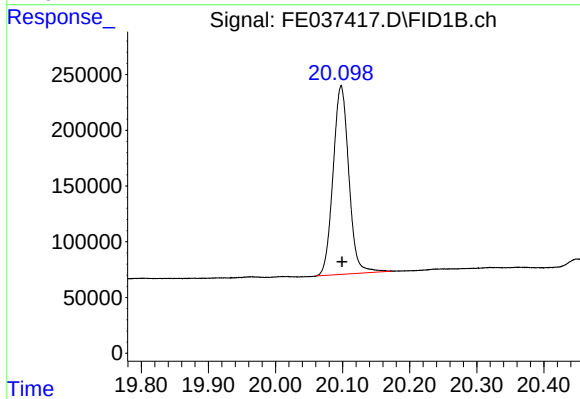
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: -0.002 min
Response: 2896036
Conc: 21.69 ug/ml



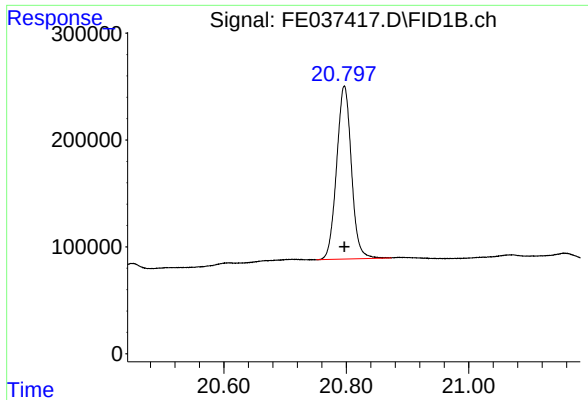
#19 n-Tetratriacontane (C34)

R.T.: 19.362 min
Delta R.T.: -0.001 min
Response: 2749765
Conc: 21.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: -0.002 min
Response: 2758691
Conc: 21.45 ug/ml



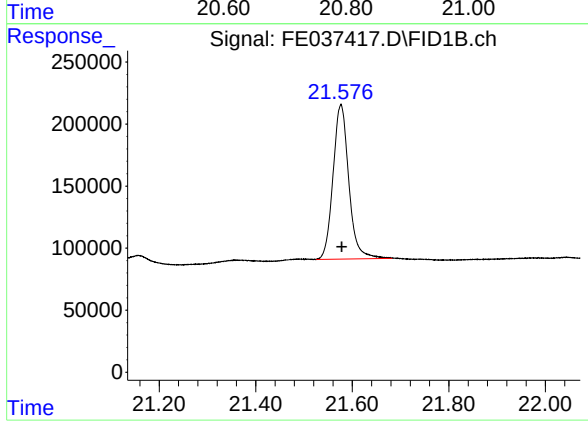
#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.000 min
Response: 2714663
Conc: 21.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.576 min
Delta R.T.: -0.002 min
Response: 2817487
Conc: 21.86 ug/ml m