

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082522AL\
 Data File : FE037250.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 10:56
 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 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: autoint1.e
 Quant Time: Aug 26 04:09:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 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)	11.664	3377405	19.543 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
12) S 1-chlorooctadecane (S...	13.084	2609511	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.058	3067280	20.589 ug/ml
2) T n-Decane (C10)	4.314	3113810	20.788 ug/ml
3) T A~Naphthalene (C11.7)	6.031	3055614	21.107 ug/ml
4) T n-Dodecane (C12)	6.484	3180778	20.575 ug/ml
5) T A~2-methylnaphthalene...	7.124	3006271	21.731 ug/ml
6) T n-Tetradecane (C14)	9.904	3191886	20.294 ug/ml
7) T n-Hexadecane (C16)	9.904	3191886	20.294 ug/ml
8) T n-Octadecane (C18)	11.340	3200214	19.857 ug/ml
10) T n-Eicosane (C20)	12.641	3160271	19.193 ug/ml
11) T n-Heneicosane (C21)	13.250	3138786	18.976 ug/ml
13) T n-Docosane (C22)	13.833	3090623	18.605 ug/ml
14) T n-Tetracosane (C24)	14.929	2969917	17.991 ug/ml
15) T n-Hexacosane (C26)	15.945	2843209	17.438 ug/ml
16) T n-Octacosane (C28)	16.889	2729617	17.191 ug/ml
17) T n-Tricontane (C30)	17.773	2716662	17.491 ug/mlm
18) T n-Dotriacontane (C32)	18.602	2703717	18.126 ug/ml
19) T n-Tetratriacontane (C34)	19.380	2587060	19.254 ug/mlm
20) T n-Hexatriacontane (C36)	20.118	2643835	20.594 ug/ml
21) T n-Octatriacontane (C38)	20.816	2651686	22.089 ug/ml
22) T n-Tetracontane (C40)	21.605	2649884	21.940 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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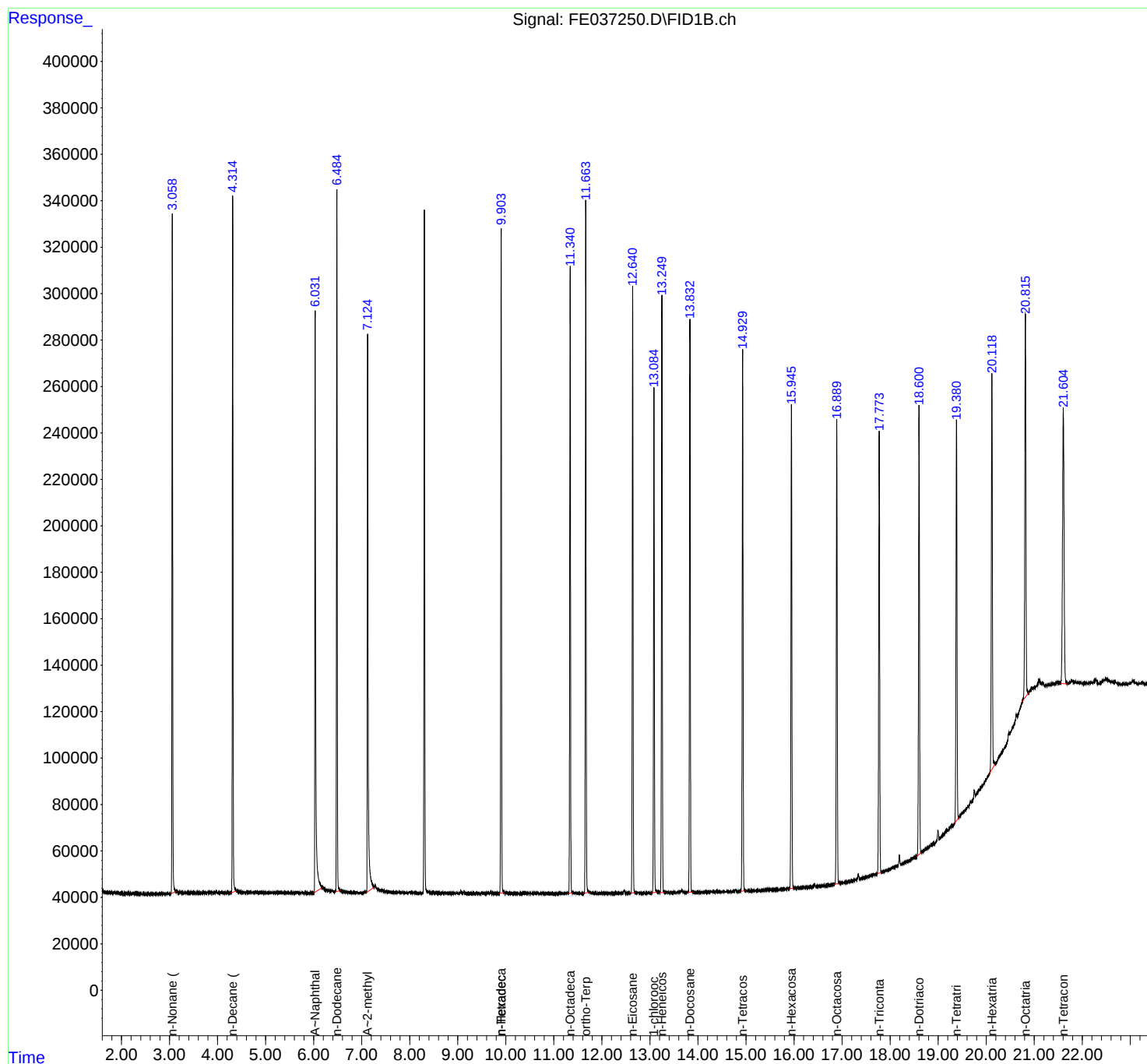
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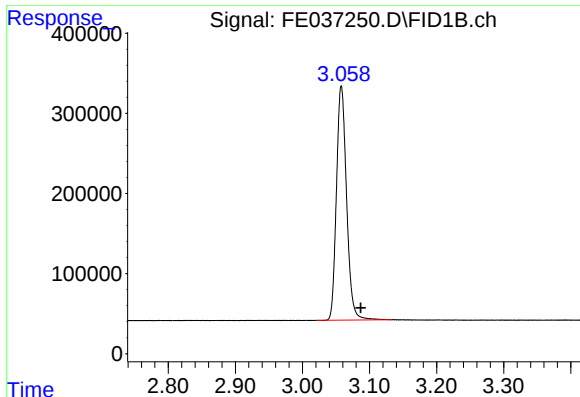
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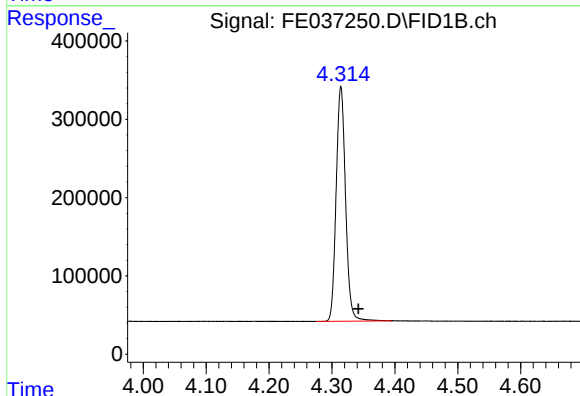
#1 n-Nonane (C9)

R.T.: 3.058 min
Delta R.T.: -0.029 min
Response: 3067280
Conc: 20.59 ug/ml

Instrument : FID_E
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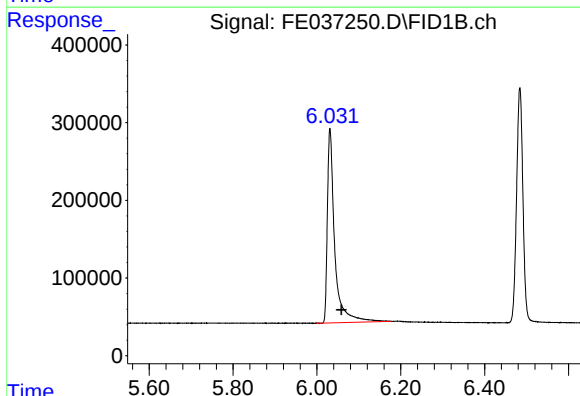
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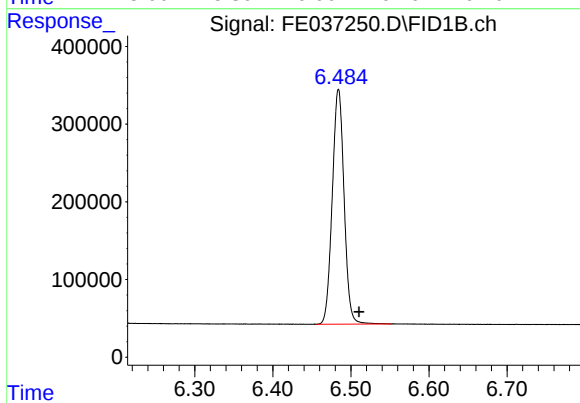
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.028 min
Response: 3113810
Conc: 20.79 ug/ml



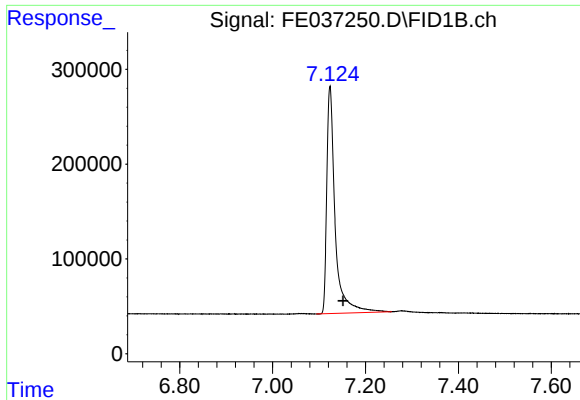
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.028 min
Response: 3055614
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.026 min
Response: 3180778
Conc: 20.58 ug/ml



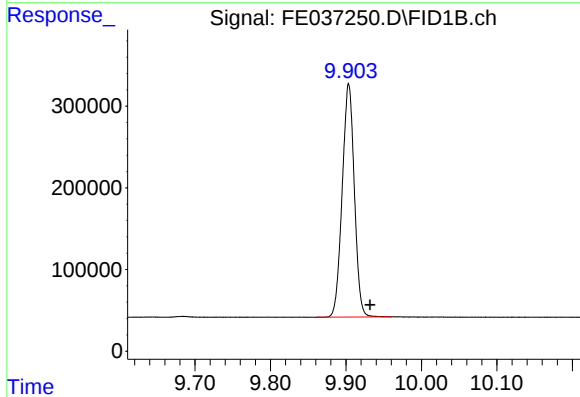
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: -0.028 min
Response: 3006271
Conc: 21.73 ug/ml

Instrument :
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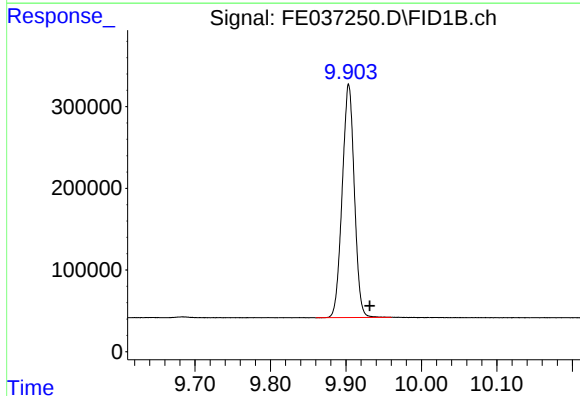
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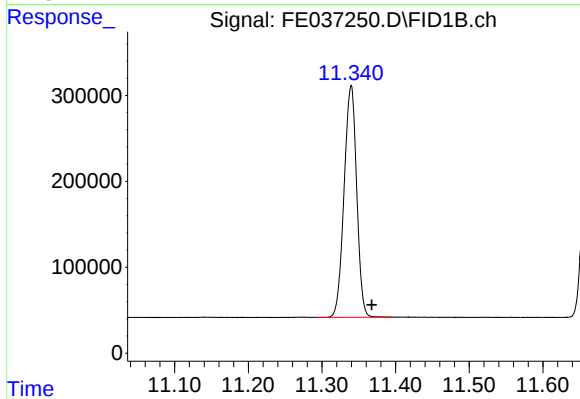
#6 n-Tetradecane (C14)

R.T.: 9.904 min
Delta R.T.: -0.028 min
Response: 3191886
Conc: 20.29 ug/ml



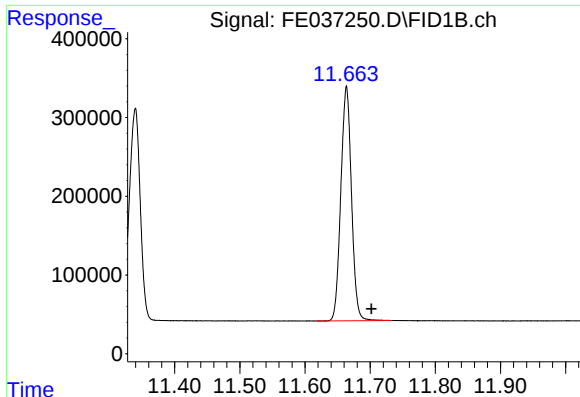
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.028 min
Response: 3191886
Conc: 20.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: -0.028 min
Response: 3200214
Conc: 19.86 ug/ml



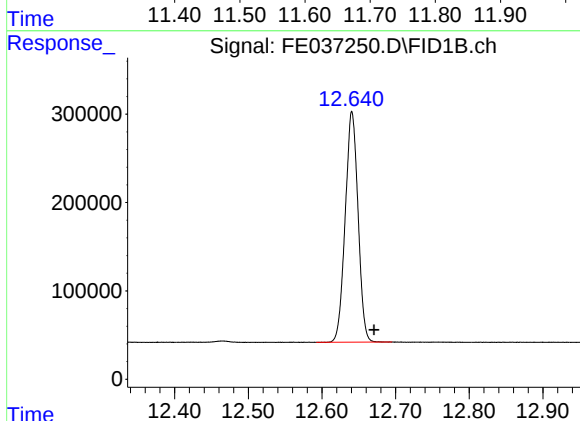
#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: -0.038 min
Response: 3377405
Conc: 19.54 ug/ml

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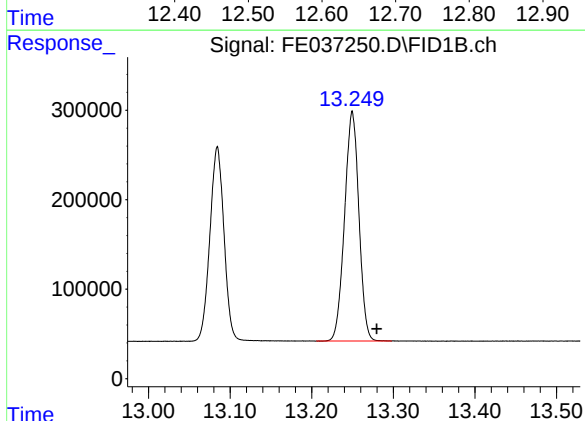
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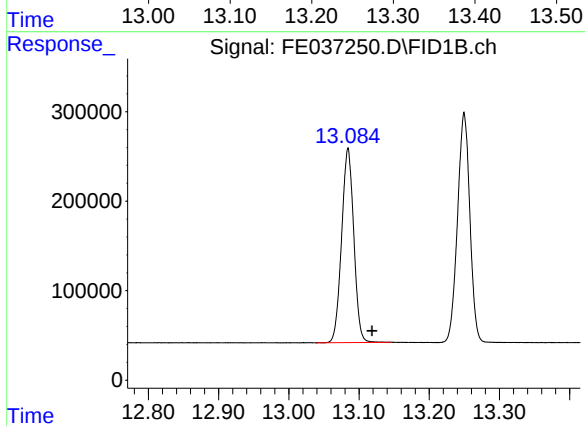
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.030 min
Response: 3160271
Conc: 19.19 ug/ml



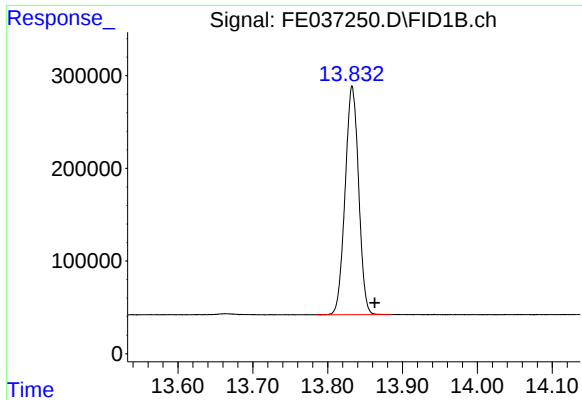
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.030 min
Response: 3138786
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.034 min
Response: 2609511
Conc: 19.10 ug/ml



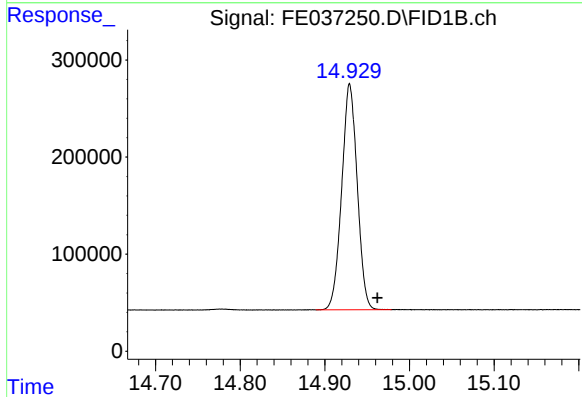
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.030 min
Response: 3090623
Conc: 18.60 ug/ml

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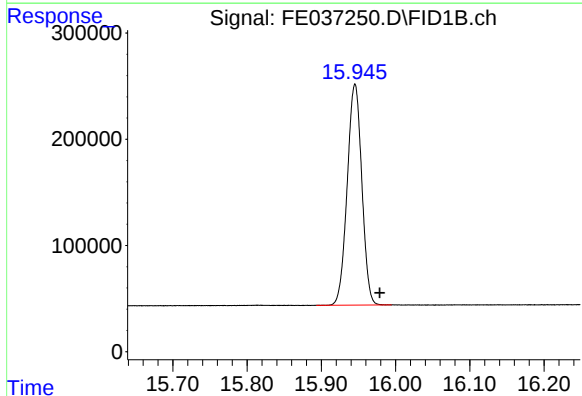
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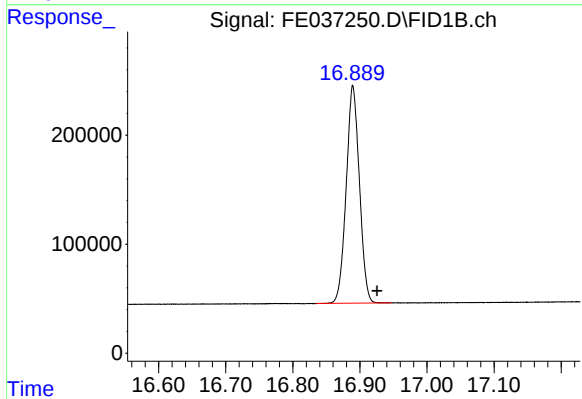
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.033 min
Response: 2969917
Conc: 17.99 ug/ml



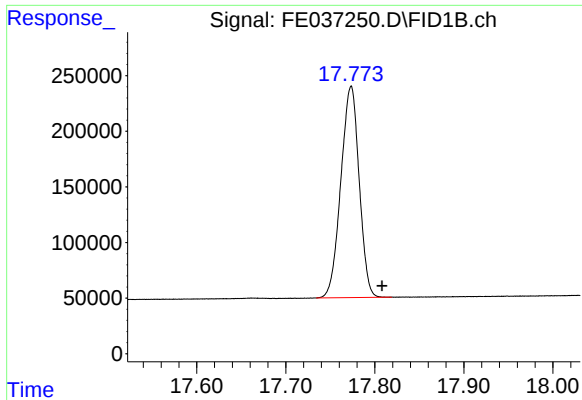
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: -0.033 min
Response: 2843209
Conc: 17.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.036 min
Response: 2729617
Conc: 17.19 ug/ml



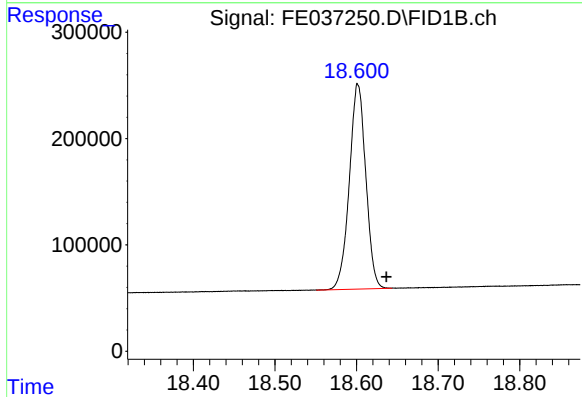
#17 n-Tricontane (C30)

R.T.: 17.773 min
Delta R.T.: -0.035 min
Response: 2716662
Conc: 17.49 ug/ml

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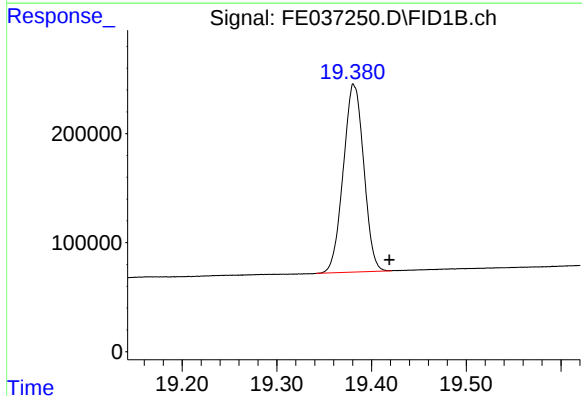
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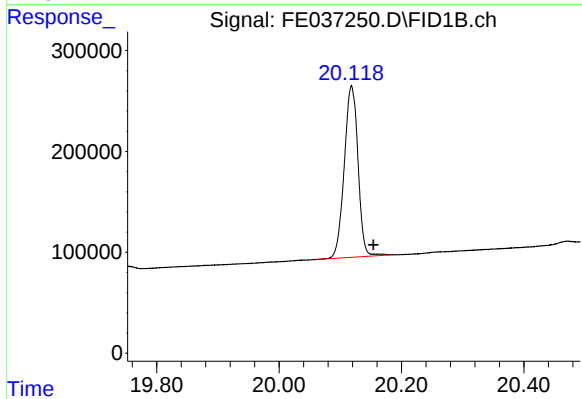
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.035 min
Response: 2703717
Conc: 18.13 ug/ml



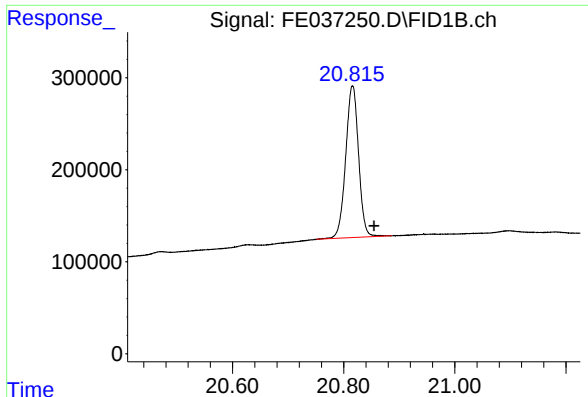
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.039 min
Response: 2587060
Conc: 19.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.036 min
Response: 2643835
Conc: 20.59 ug/ml



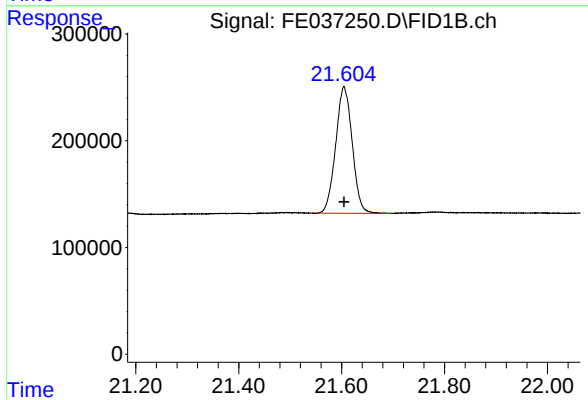
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.039 min
Response: 2651686
Conc: 22.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.000 min
Response: 2649884
Conc: 21.94 ug/ml