

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037247.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 04:48
 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 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e
 Quant Time: Aug 25 05:23:07 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)	11.666	3394935	19.644 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	13.087	2631263	19.258 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.059	3090484	20.745 ug/ml
2) T n-Decane (C10)	4.315	3133764	20.921 ug/ml
3) T A~Naphthalene (C11.7)	6.033	3080780	21.281 ug/ml
4) T n-Dodecane (C12)	6.485	3199501	20.696 ug/ml
5) T A~2-methylnaphthalene...	7.125	3037323	21.955 ug/ml
6) T n-Tetradecane (C14)	9.905	3208767	20.401 ug/ml
7) T n-Hexadecane (C16)	9.905	3208767	20.401 ug/ml
8) T n-Octadecane (C18)	11.340	3216499	19.958 ug/ml
10) T n-Eicosane (C20)	12.643	3182990	19.331 ug/ml
11) T n-Heneicosane (C21)	13.251	3157771	19.091 ug/ml
13) T n-Docosane (C22)	13.834	3112742	18.738 ug/ml
14) T n-Tetracosane (C24)	14.931	2994785	18.142 ug/ml
15) T n-Hexacosane (C26)	15.946	2869783	17.601 ug/ml
16) T n-Octacosane (C28)	16.891	2750496	17.322 ug/ml
17) T n-Tricontane (C30)	17.775	2715006	17.481 ug/ml
18) T n-Dotriacontane (C32)	18.603	2708537	18.158 ug/ml
19) T n-Tetratriacontane (C34)	19.382	2565137	19.091 ug/mlm
20) T n-Hexatriacontane (C36)	20.118	2653403	20.668 ug/ml
21) T n-Octatriacontane (C38)	20.817	2613910	21.774 ug/ml
22) T n-Tetracontane (C40)	21.606	2649997	21.941 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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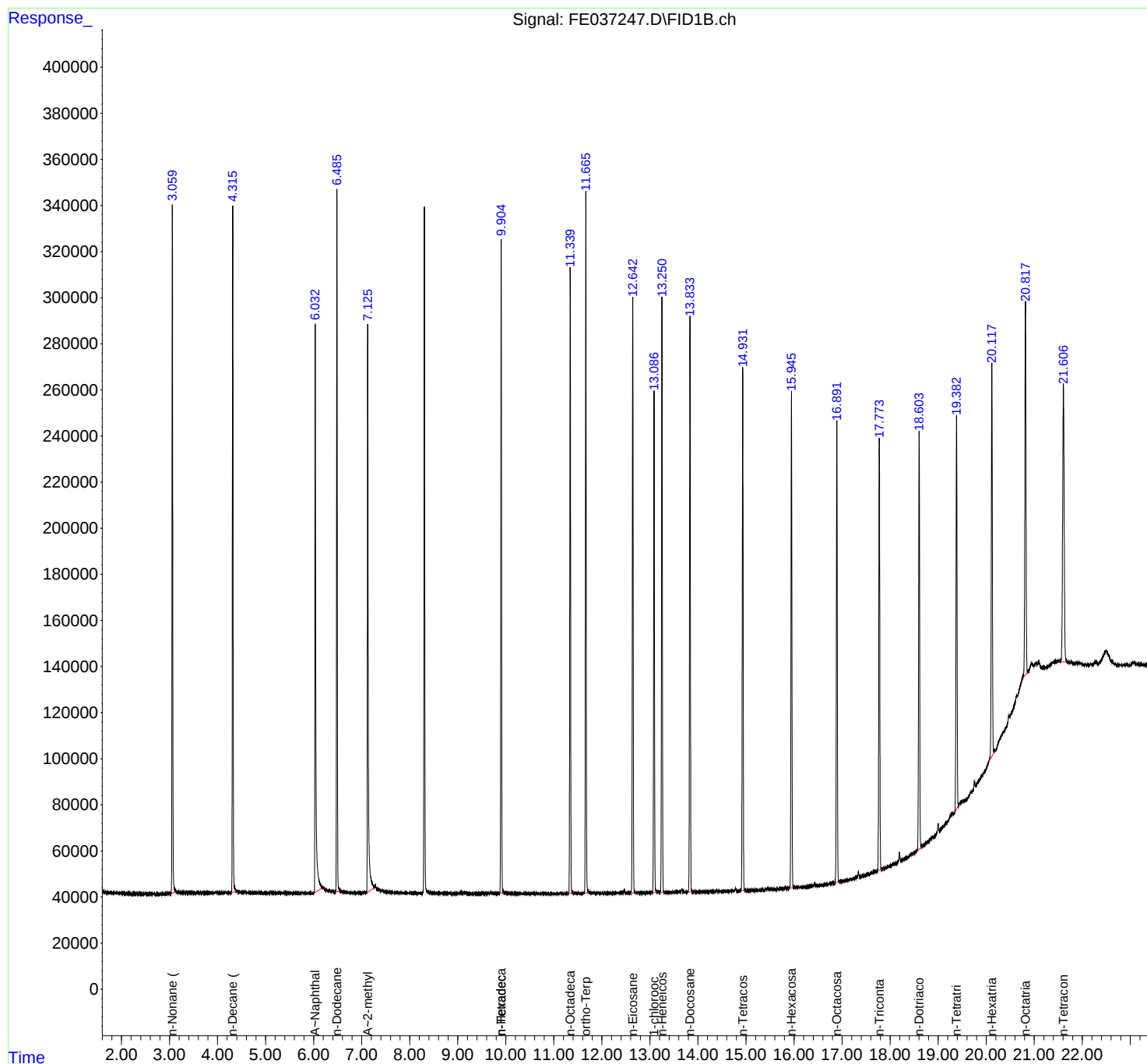
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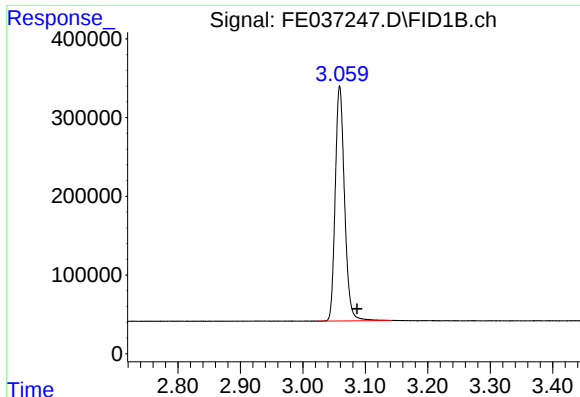
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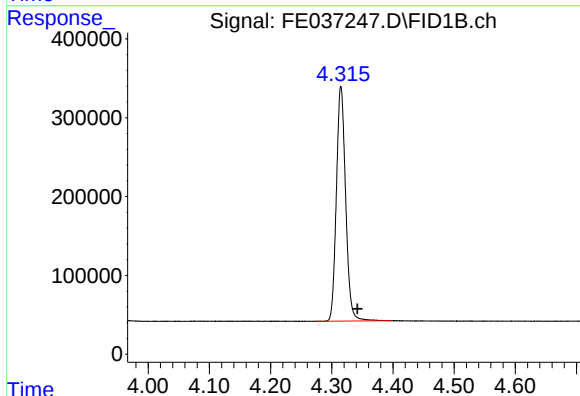
#1 n-Nonane (C9)

R.T.: 3.059 min
Delta R.T.: -0.028 min
Response: 3090484
Conc: 20.74 ug/ml

Instrument :
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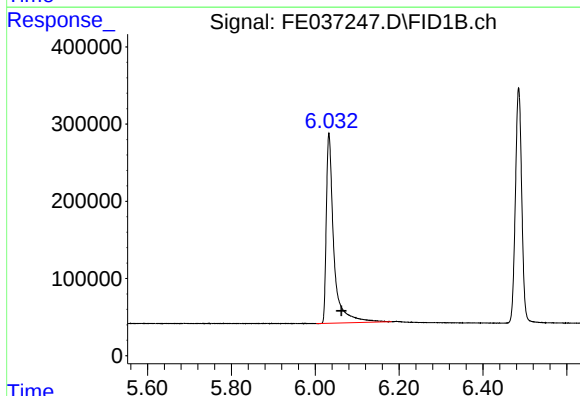
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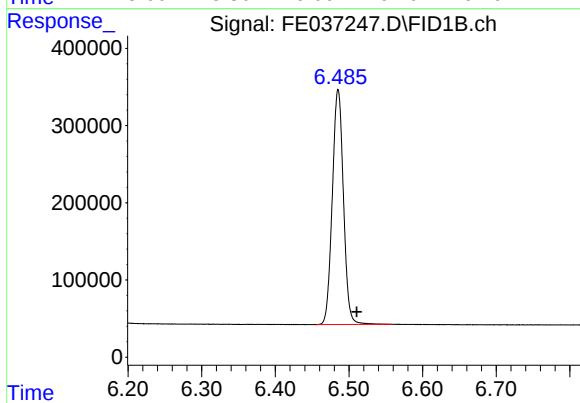
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.027 min
Response: 3133764
Conc: 20.92 ug/ml



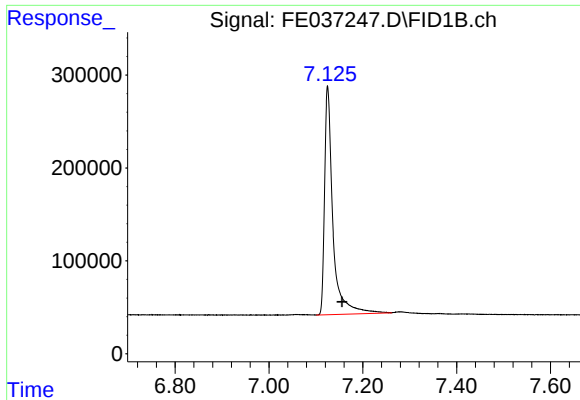
#3 A~Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.030 min
Response: 3080780
Conc: 21.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.025 min
Response: 3199501
Conc: 20.70 ug/ml



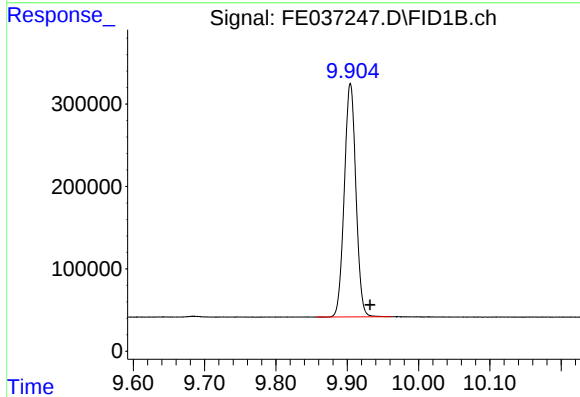
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.031 min
Response: 3037323
Conc: 21.96 ug/ml

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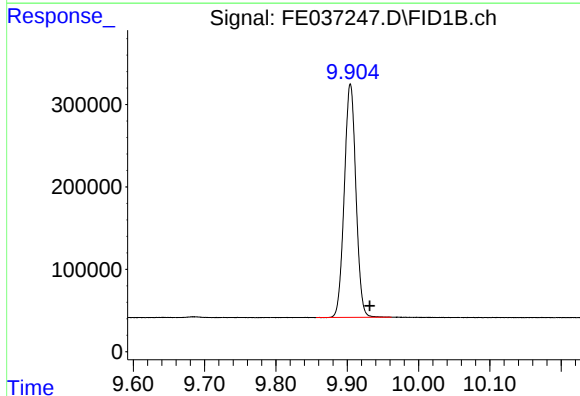
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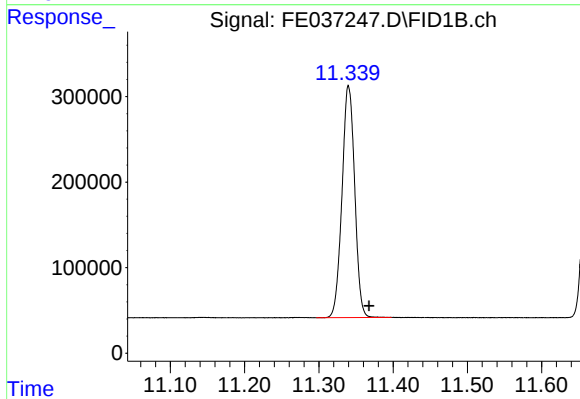
#6 n-Tetradecane (C14)

R.T.: 9.905 min
Delta R.T.: -0.027 min
Response: 3208767
Conc: 20.40 ug/ml



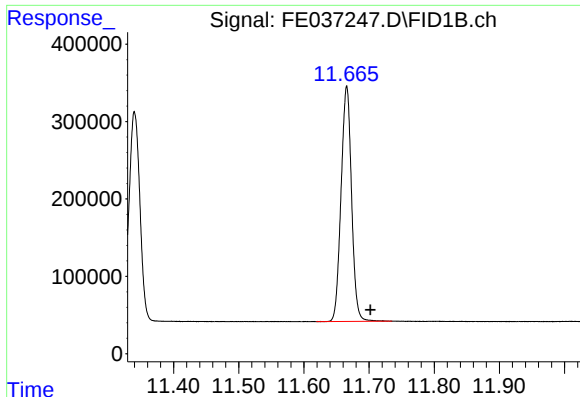
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.027 min
Response: 3208767
Conc: 20.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: -0.027 min
Response: 3216499
Conc: 19.96 ug/ml



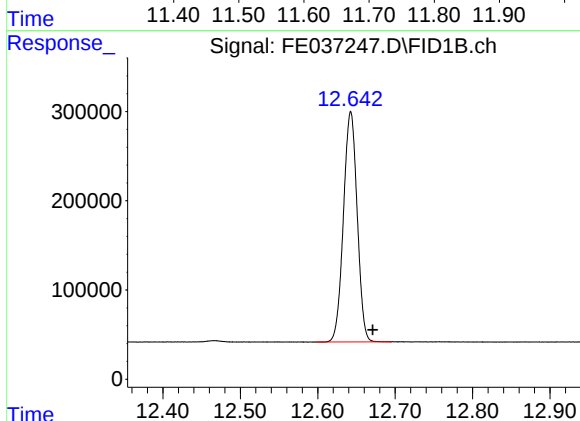
#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: -0.036 min
Response: 3394935
Conc: 19.64 ug/ml

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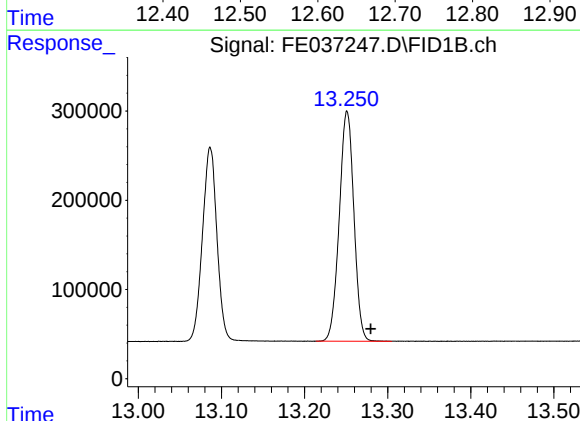
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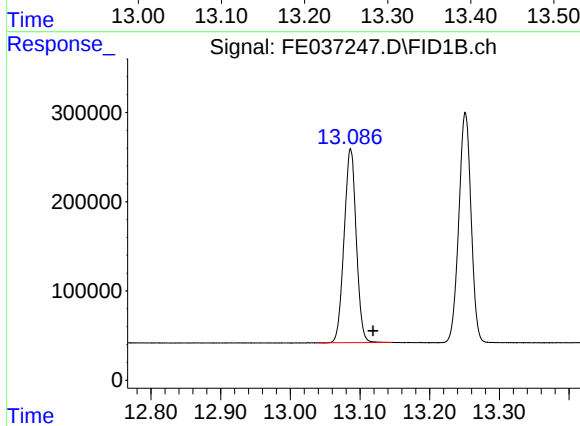
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.028 min
Response: 3182990
Conc: 19.33 ug/ml



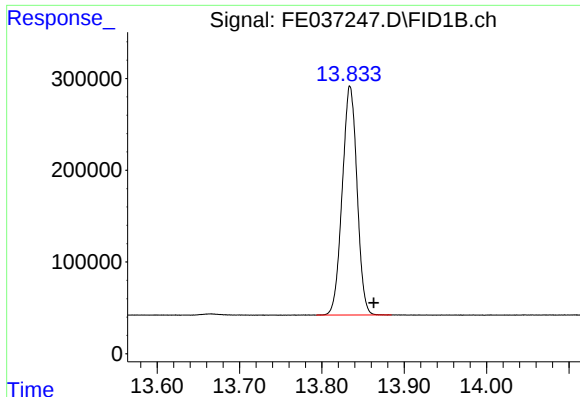
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.029 min
Response: 3157771
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: -0.032 min
Response: 2631263
Conc: 19.26 ug/ml



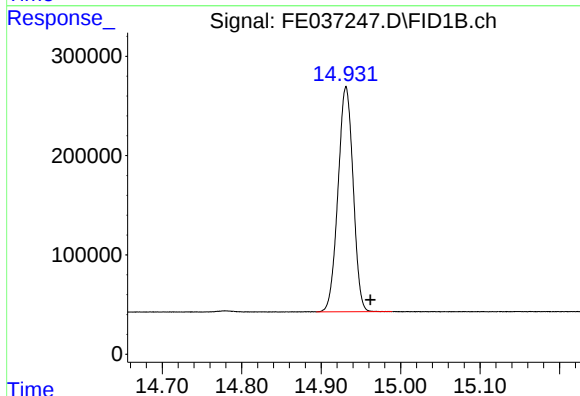
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: -0.029 min
Response: 3112742
Conc: 18.74 ug/ml

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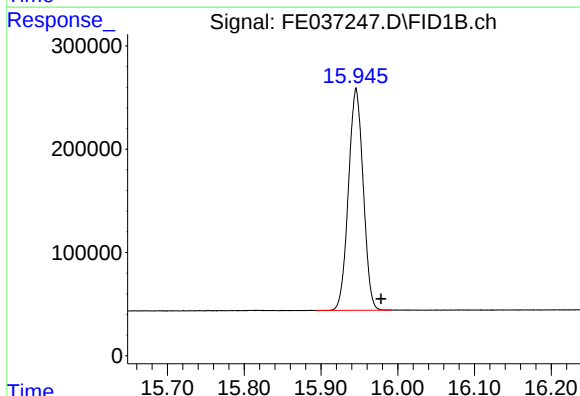
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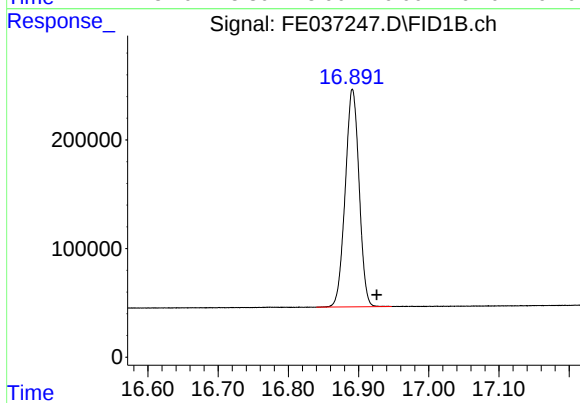
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.031 min
Response: 2994785
Conc: 18.14 ug/ml



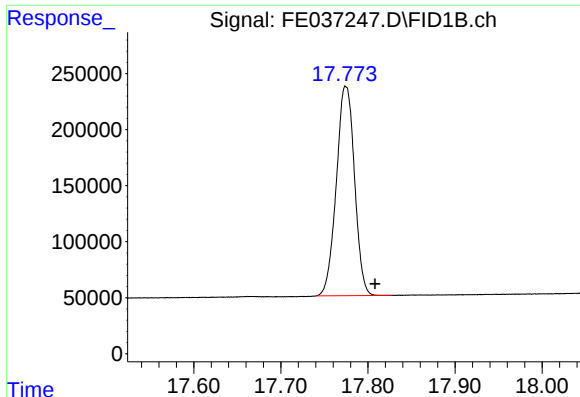
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.033 min
Response: 2869783
Conc: 17.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.891 min
Delta R.T.: -0.034 min
Response: 2750496
Conc: 17.32 ug/ml



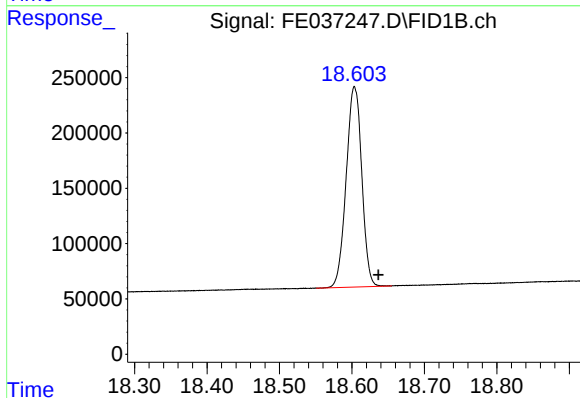
#17 n-Tricontane (C30)

R.T.: 17.775 min
Delta R.T.: -0.034 min
Response: 2715006
Conc: 17.48 ug/ml

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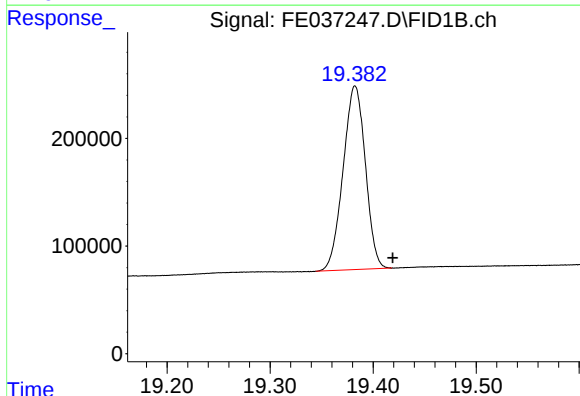
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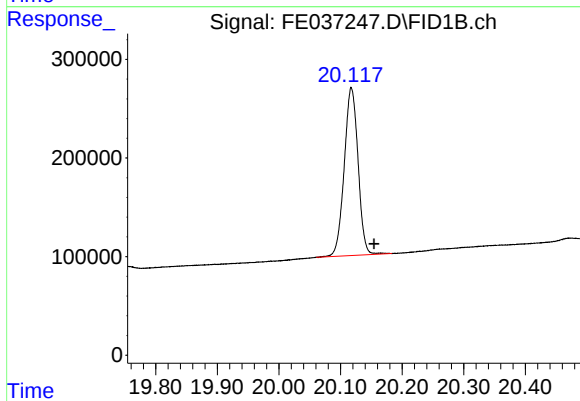
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: -0.033 min
Response: 2708537
Conc: 18.16 ug/ml



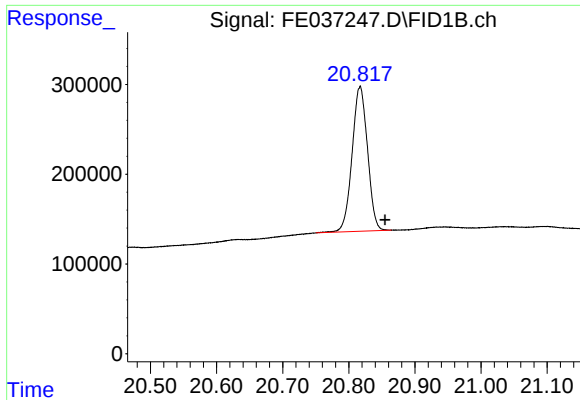
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.037 min
Response: 2565137
Conc: 19.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.037 min
Response: 2653403
Conc: 20.67 ug/ml



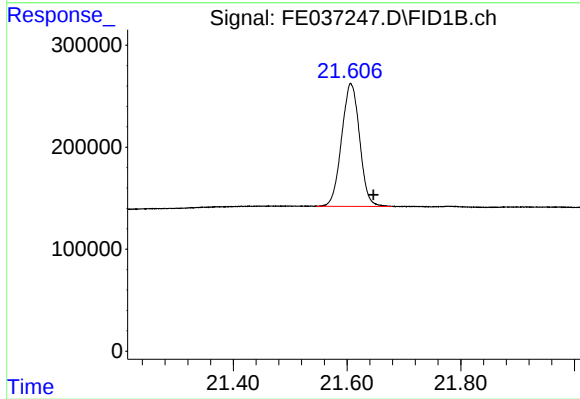
#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.038 min
Response: 2613910
Conc: 21.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.040 min
Response: 2649997
Conc: 21.94 ug/ml m