

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037044.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 23:38
 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 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 14 21:53:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.819	3475888	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.259	2753265	18.865 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.213	2992023	19.467 ug/ml
2) T n-Decane (C10)	4.466	2991208	19.571 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3244746	19.720 ug/ml
4) T n-Dodecane (C12)	6.634	3065752	19.630 ug/ml
5) T A~2-methylnaphthalene...	7.263	3225503	19.873 ug/ml
6) T n-Tetradecane (C14)	8.460	3102903	19.635 ug/ml
7) T n-Hexadecane (C16)	10.066	3097938	19.479 ug/ml
8) T n-Octadecane (C18)	11.508	3155829	19.222 ug/ml
10) T n-Eicosane (C20)	12.815	3107819	18.930 ug/ml
11) T n-Heneicosane (C21)	13.427	3106343	18.901 ug/ml
13) T n-Docosane (C22)	14.012	3063749	18.830 ug/ml
14) T n-Tetracosane (C24)	15.114	3012303	18.638 ug/ml
15) T n-Hexacosane (C26)	16.134	2920413	18.411 ug/ml
16) T n-Octacosane (C28)	17.083	2818154	18.131 ug/ml
17) T n-Tricontane (C30)	17.970	2627090	18.014 ug/ml
18) T n-Dotriacontane (C32)	18.802	2097841	18.052 ug/ml
19) T n-Tetratriacontane (C34)	19.586	1508559	18.306 ug/ml
20) T n-Hexatriacontane (C36)	20.326	1125213	18.626 ug/ml
21) T n-Octatriacontane (C38)	21.048	1050015	20.588 ug/ml
22) T n-Tetracontane (C40)	21.923	853633	17.735 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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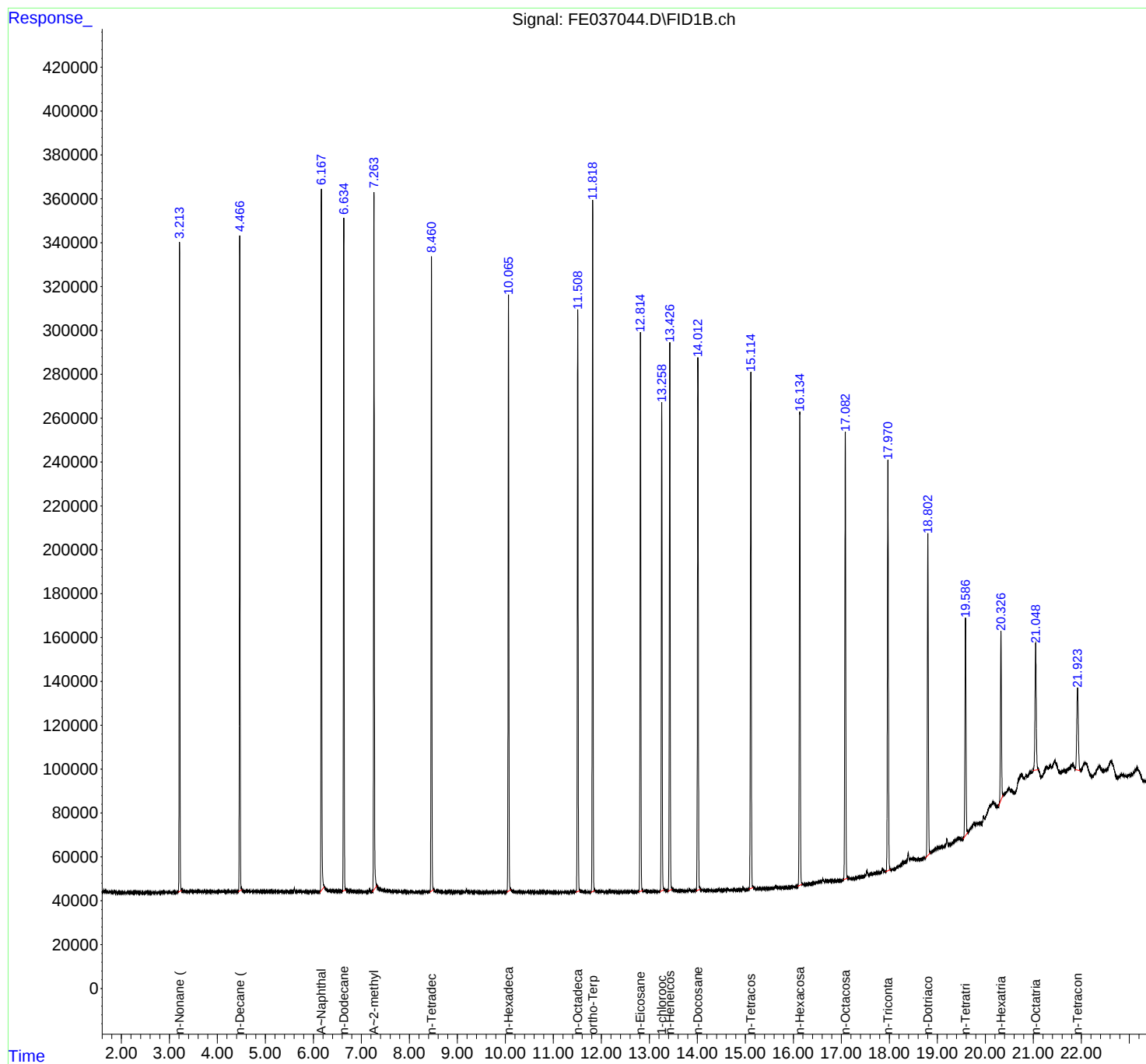
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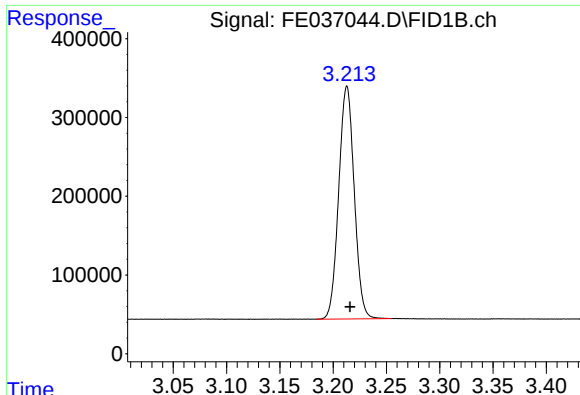
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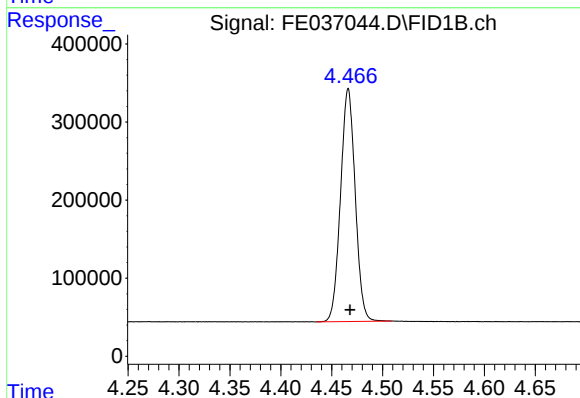
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.003 min
Response: 2992023
Conc: 19.47 ug/ml

Instrument :
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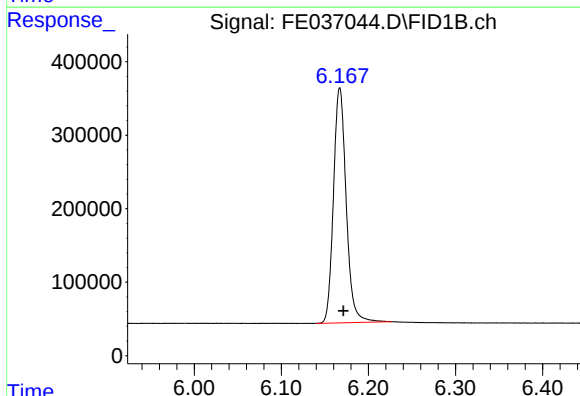
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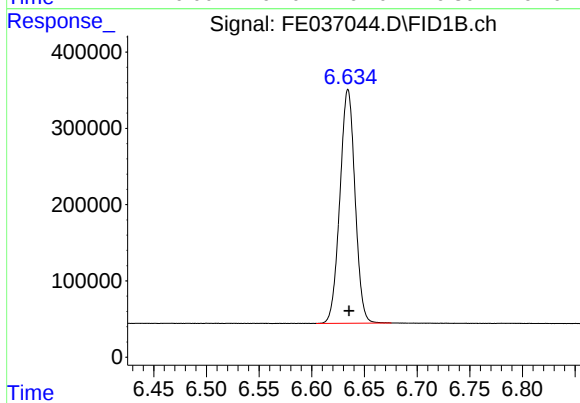
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 2991208
Conc: 19.57 ug/ml



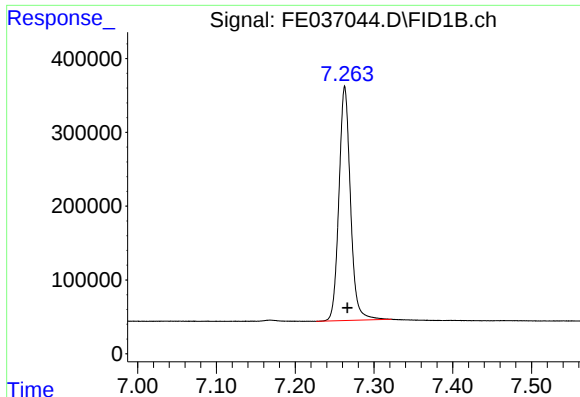
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 3244746
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 3065752
Conc: 19.63 ug/ml



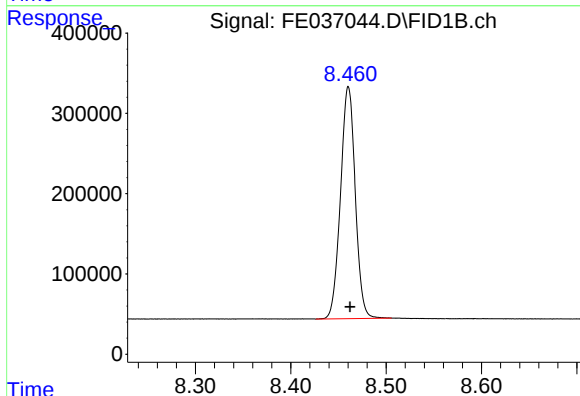
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: -0.003 min
Response: 3225503
Conc: 19.87 ug/ml

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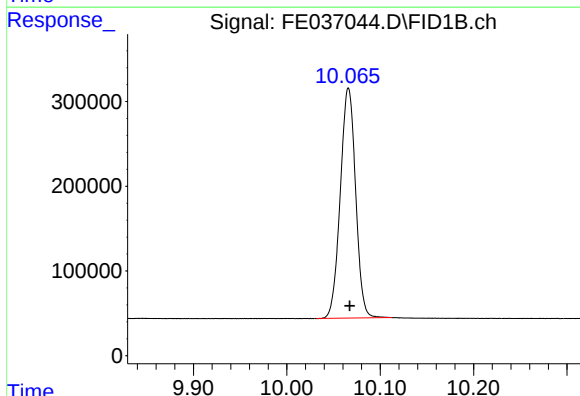
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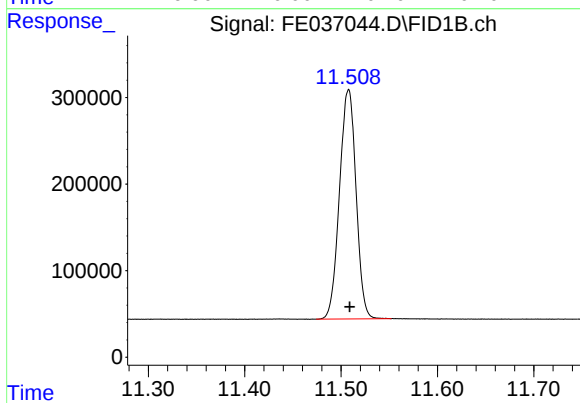
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 3102903
Conc: 19.63 ug/ml



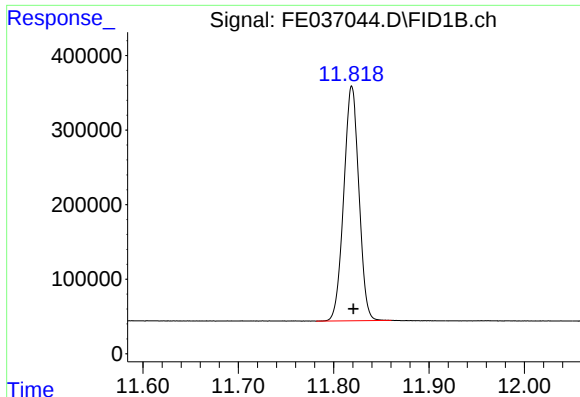
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.001 min
Response: 3097938
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.001 min
Response: 3155829
Conc: 19.22 ug/ml



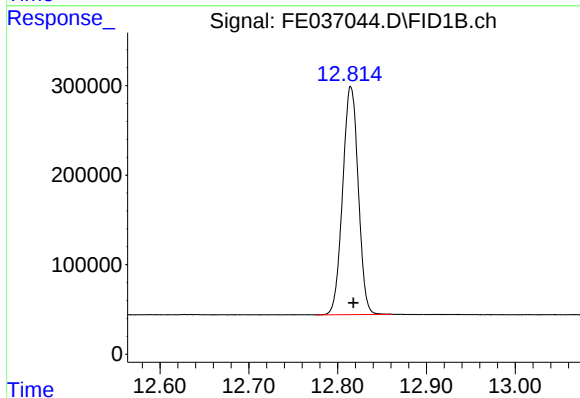
#9 ortho-Terphenyl (SURR)

R.T.: 11.819 min
Delta R.T.: -0.002 min
Response: 3475888
Conc: 18.90 ug/ml

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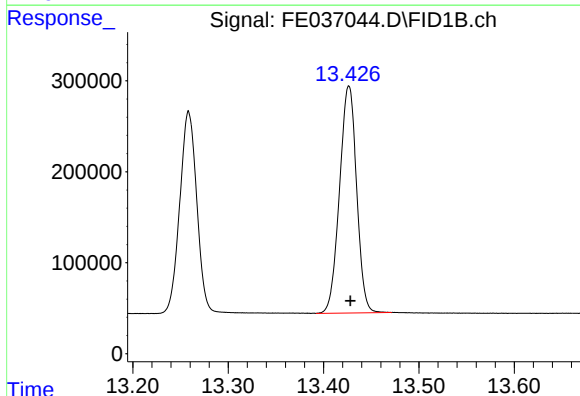
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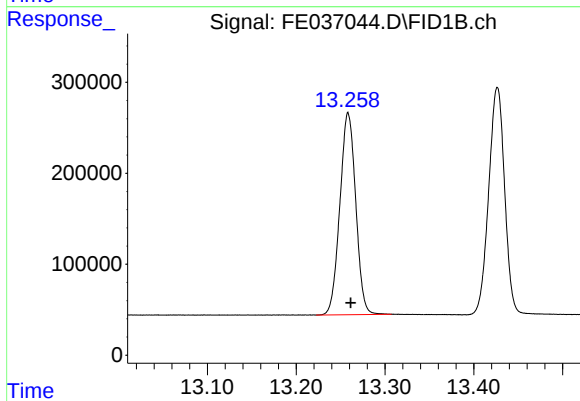
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.003 min
Response: 3107819
Conc: 18.93 ug/ml



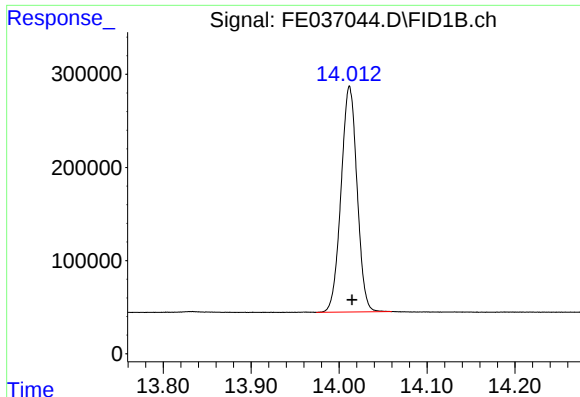
#11 n-Heneicosane (C21)

R.T.: 13.427 min
Delta R.T.: -0.002 min
Response: 3106343
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.003 min
Response: 2753265
Conc: 18.86 ug/ml



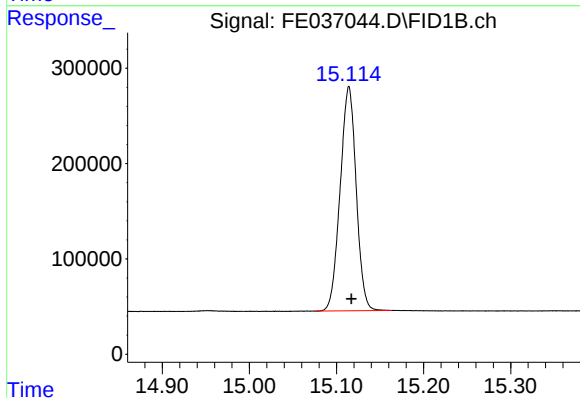
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.003 min
Response: 3063749
Conc: 18.83 ug/ml

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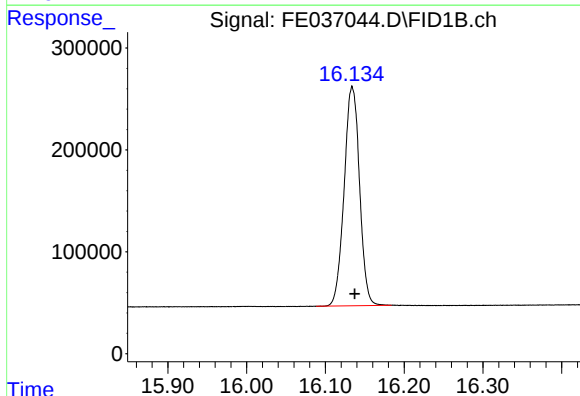
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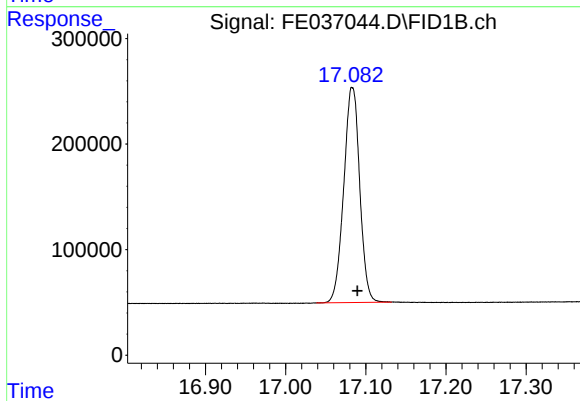
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.003 min
Response: 3012303
Conc: 18.64 ug/ml



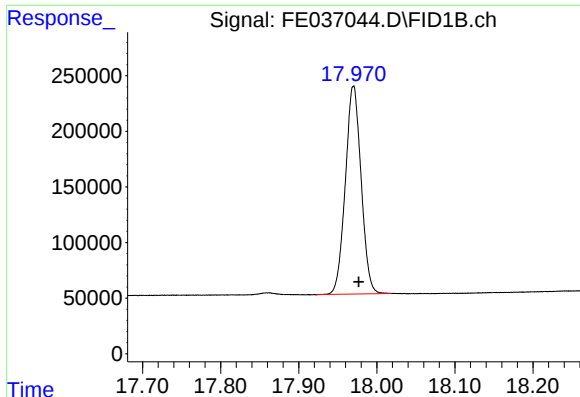
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.003 min
Response: 2920413
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.007 min
Response: 2818154
Conc: 18.13 ug/ml



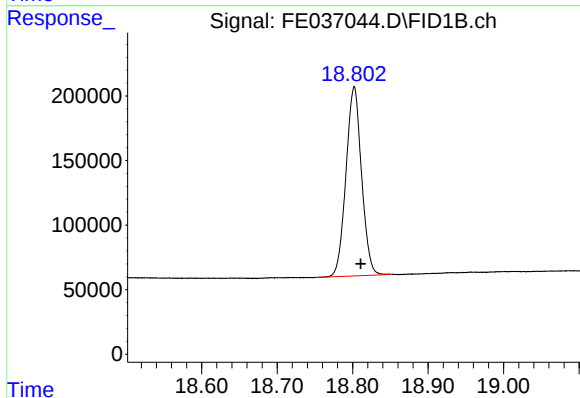
#17 n-Tricontane (C30)

R.T.: 17.970 min
Delta R.T.: -0.007 min
Response: 2627090
Conc: 18.01 ug/ml

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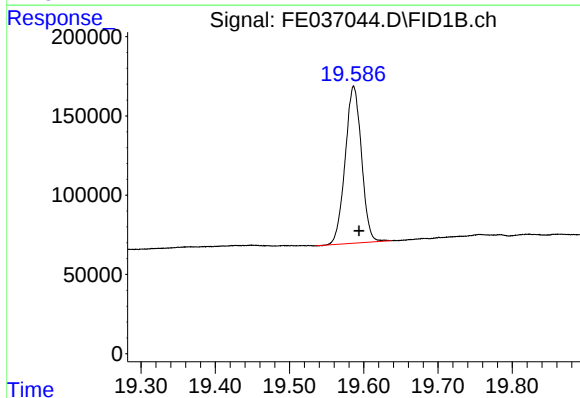
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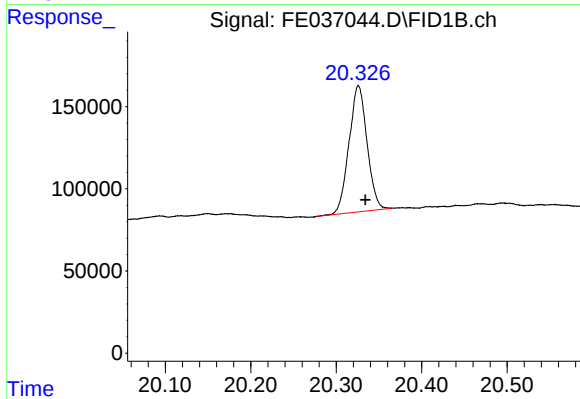
#18 n-Dotriacontane (C32)

R.T.: 18.802 min
Delta R.T.: -0.008 min
Response: 2097841
Conc: 18.05 ug/ml



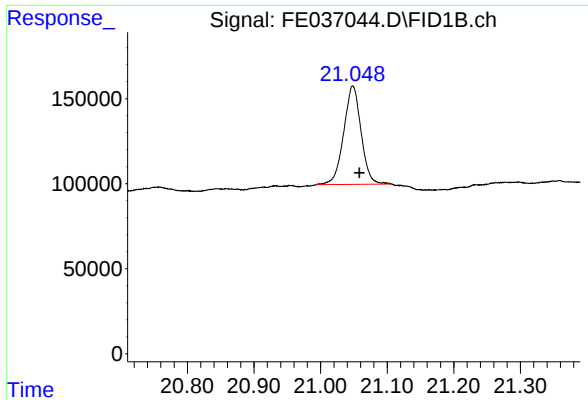
#19 n-Tetratriacontane (C34)

R.T.: 19.586 min
Delta R.T.: -0.007 min
Response: 1508559
Conc: 18.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.326 min
Delta R.T.: -0.008 min
Response: 1125213
Conc: 18.63 ug/ml



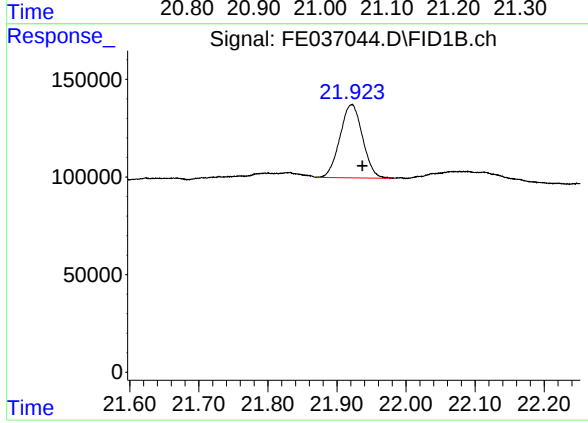
#21 n-Octatriacontane (C38)

R.T.: 21.048 min
Delta R.T.: -0.010 min
Response: 1050015
Conc: 20.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: -0.014 min
Response: 853633
Conc: 17.74 ug/ml m