

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111122AL\
 Data File : FE038745.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 12:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 09:58:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.962	3179710	18.479 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
12) S 1-chlorooctadecane (S...	13.396	2504046	18.291 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.358	2987120	19.395 ug/ml
2) T n-Decane (C10)	4.606	3055871	19.687 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3283741	19.390 ug/ml
4) T n-Dodecane (C12)	6.767	3059021	19.582 ug/ml
5) T A~2-methylnaphthalene...	7.403	3214710	19.183 ug/ml
6) T n-Tetradecane (C14)	8.593	3035609	19.411 ug/ml
7) T n-Hexadecane (C16)	10.200	3037252	19.224 ug/ml
8) T n-Octadecane (C18)	11.642	3026387	18.894 ug/ml
10) T n-Eicosane (C20)	12.951	2988213	18.546 ug/ml
11) T n-Heneicosane (C21)	13.562	2961241	18.332 ug/ml
13) T n-Docosane (C22)	14.147	2956136	18.311 ug/ml
14) T n-Tetracosane (C24)	15.250	2921912	18.217 ug/ml
15) T n-Hexacosane (C26)	16.270	2863378	18.027 ug/ml
16) T n-Octacosane (C28)	17.220	2846674	18.144 ug/ml
17) T n-Tricontane (C30)	18.109	2957109	18.533 ug/mlm
18) T n-Dotriacontane (C32)	18.939	3022105	19.167 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2891607	19.614 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	2892147	20.241 ug/ml
21) T n-Octatriacontane (C38)	21.205	2858785	21.166 ug/ml
22) T n-Tetracontane (C40)	22.130	2817795	22.323 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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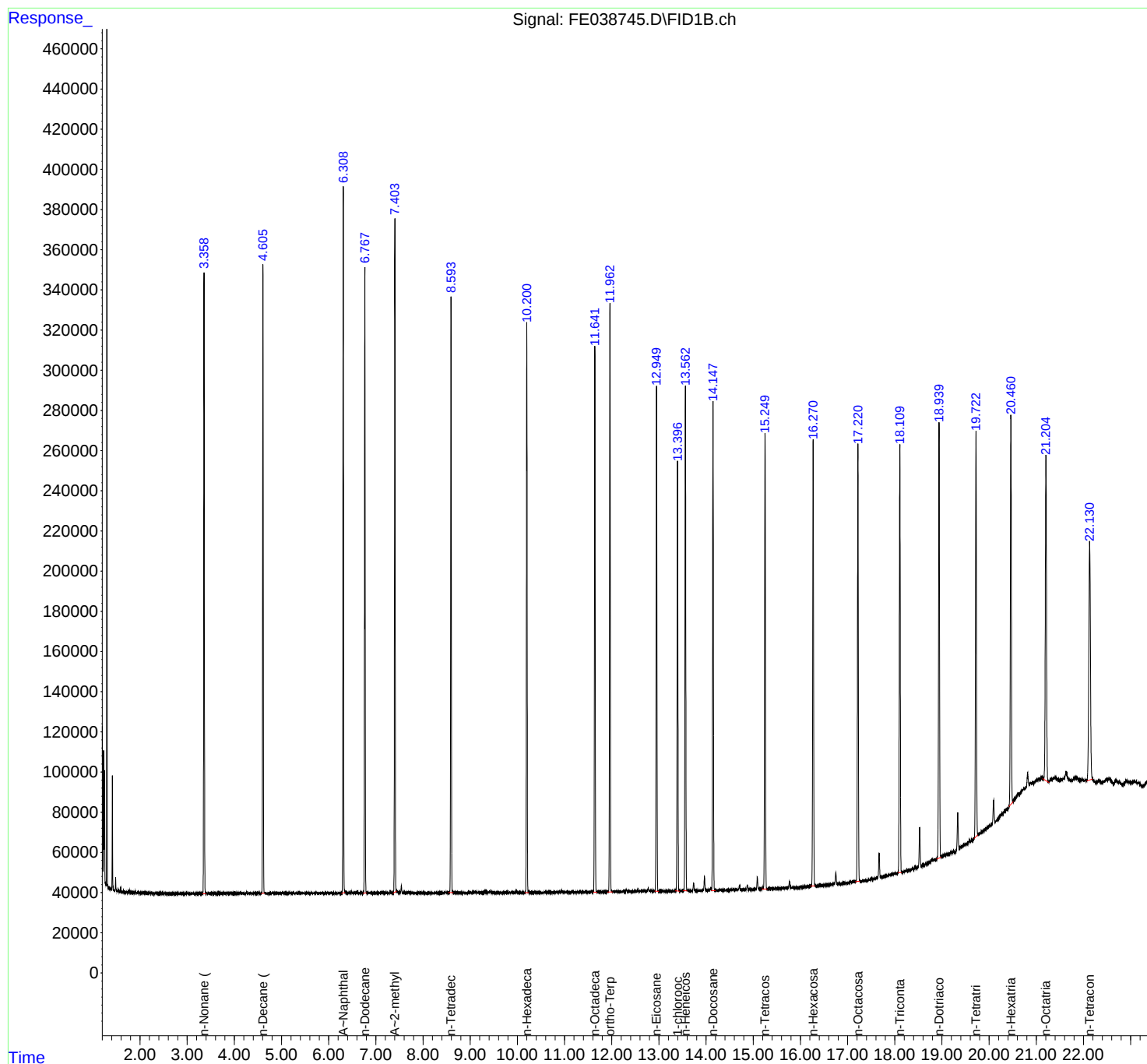
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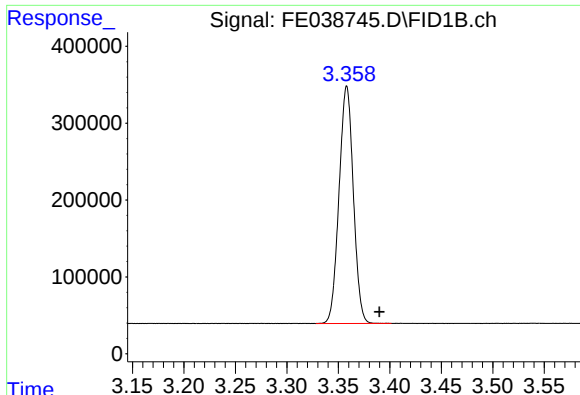
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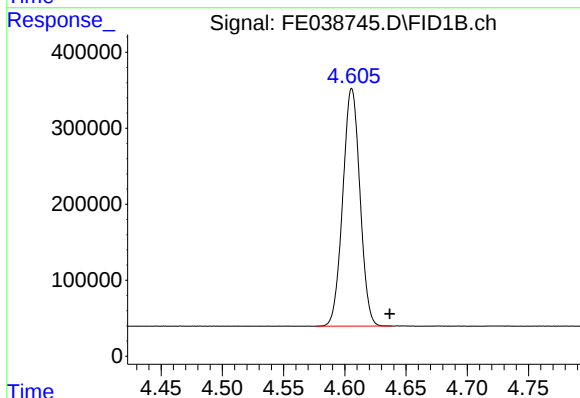
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.032 min
Response: 2987120
Conc: 19.40 ug/ml

Instrument :
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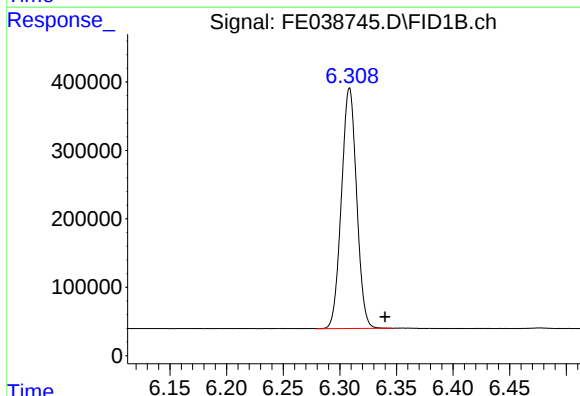
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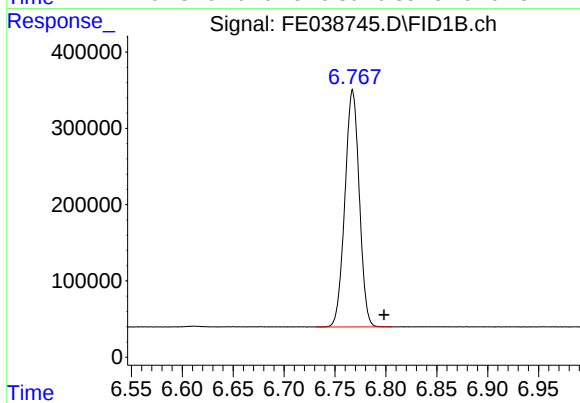
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.031 min
Response: 3055871
Conc: 19.69 ug/ml



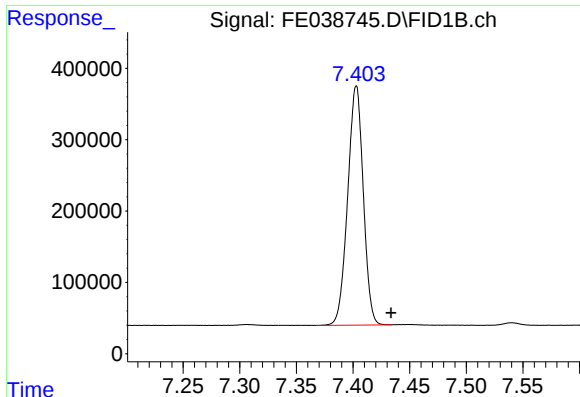
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: -0.031 min
Response: 3283741
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.031 min
Response: 3059021
Conc: 19.58 ug/ml



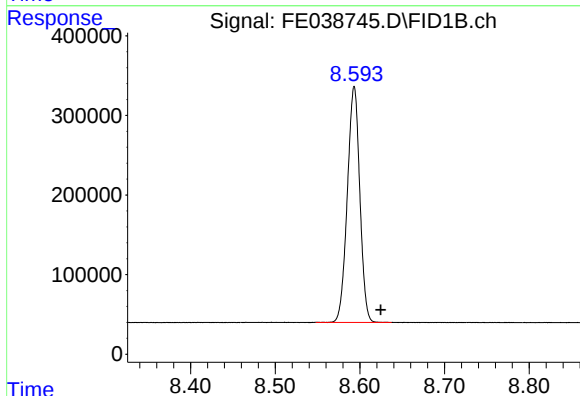
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.031 min
Response: 3214710
Conc: 19.18 ug/ml

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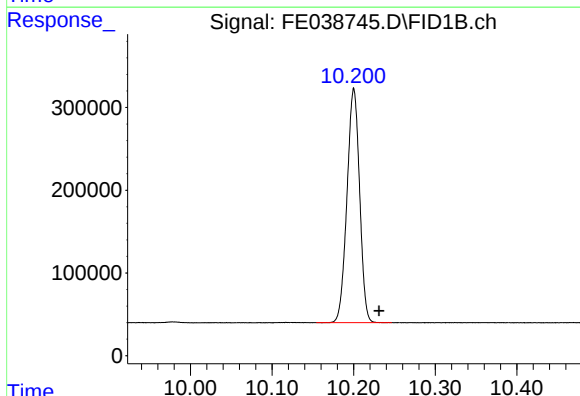
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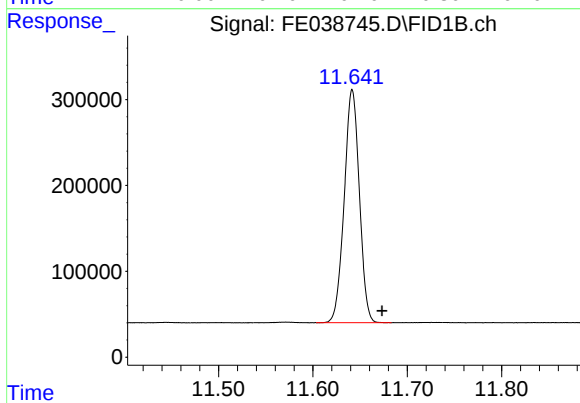
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.031 min
Response: 3035609
Conc: 19.41 ug/ml



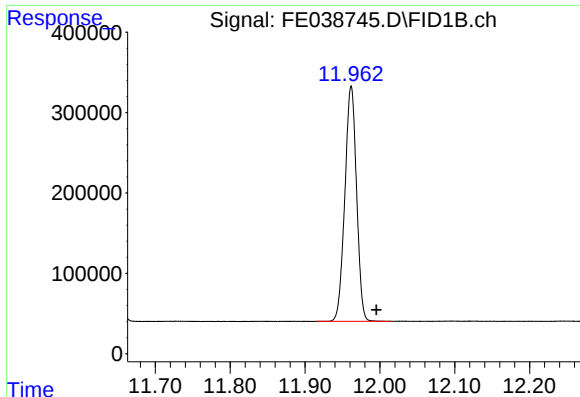
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 3037252
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.032 min
Response: 3026387
Conc: 18.89 ug/ml



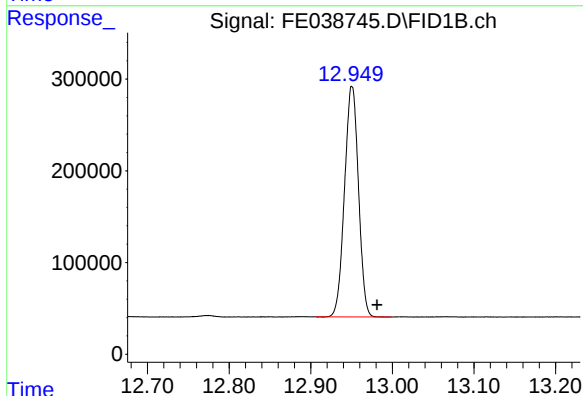
#9 ortho-Terphenyl (SURR)

R.T.: 11.962 min
Delta R.T.: -0.034 min
Response: 3179710
Conc: 18.48 ug/ml

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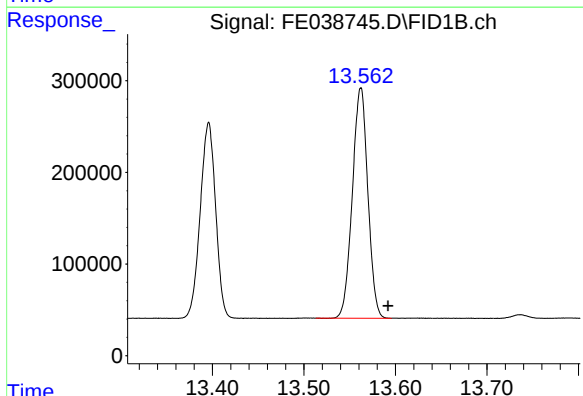
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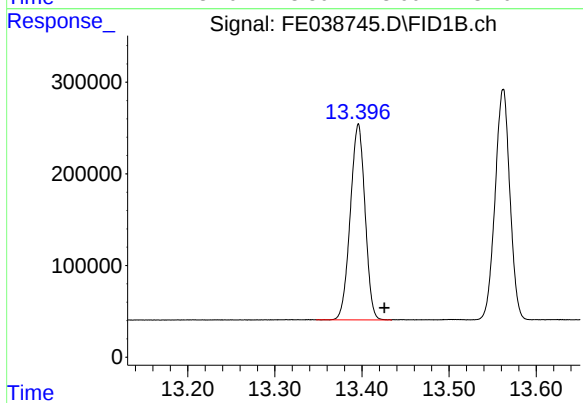
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.030 min
Response: 2988213
Conc: 18.55 ug/ml



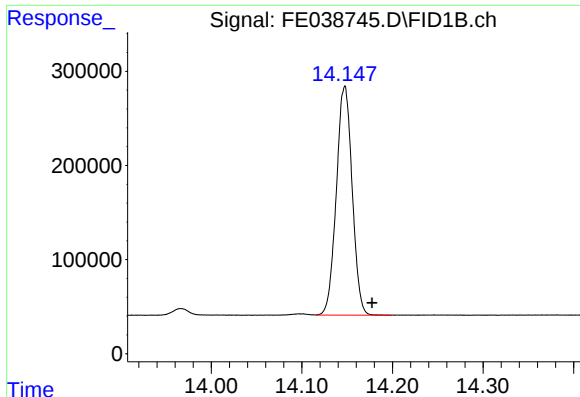
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 2961241
Conc: 18.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: -0.030 min
Response: 2504046
Conc: 18.29 ug/ml



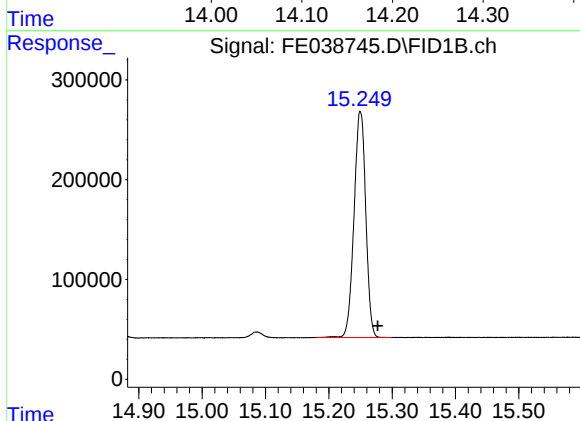
#13 n-Docosane (C22)

R.T.: 14.147 min
Delta R.T.: -0.030 min
Response: 2956136
Conc: 18.31 ug/ml

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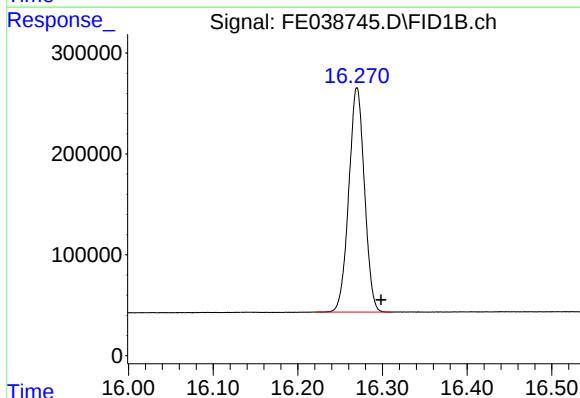
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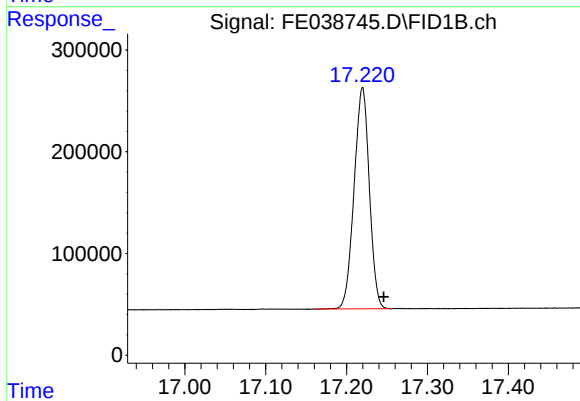
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.028 min
Response: 2921912
Conc: 18.22 ug/ml



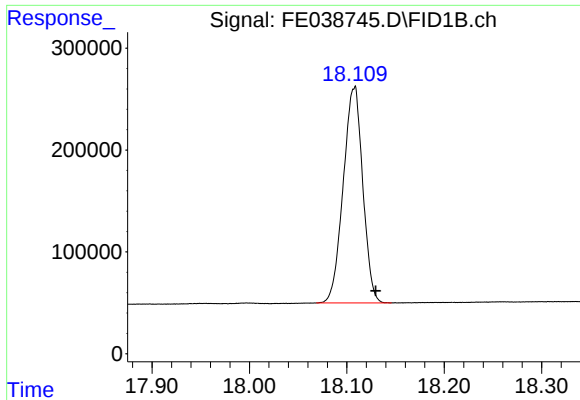
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.028 min
Response: 2863378
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 2846674
Conc: 18.14 ug/ml



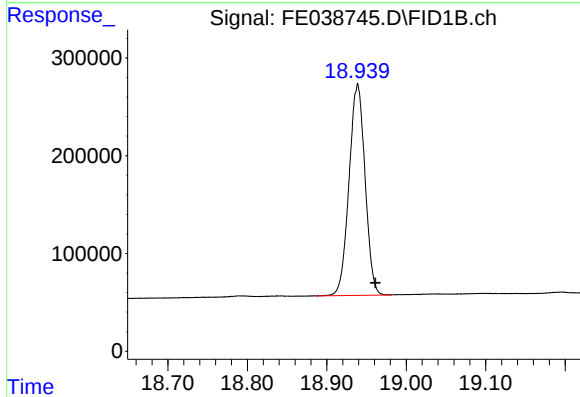
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.021 min
Response: 2957109
Conc: 18.53 ug/ml

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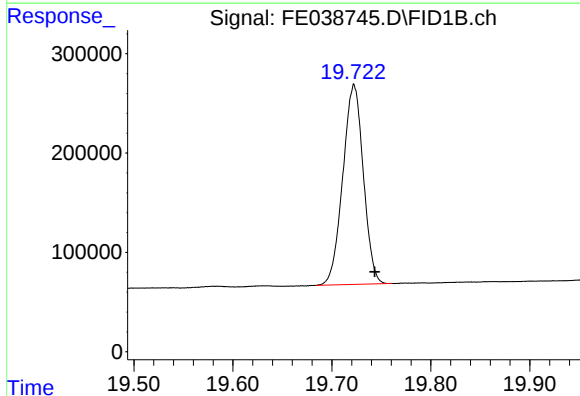
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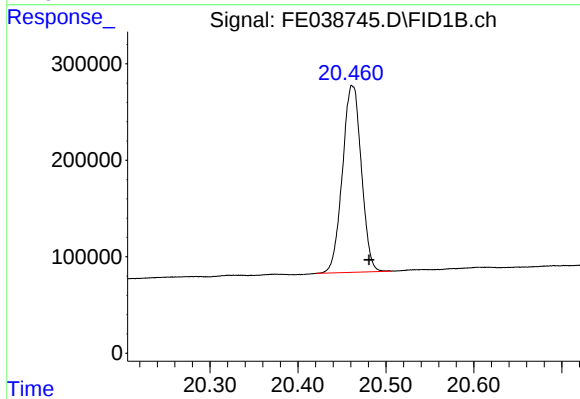
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.022 min
Response: 3022105
Conc: 19.17 ug/ml



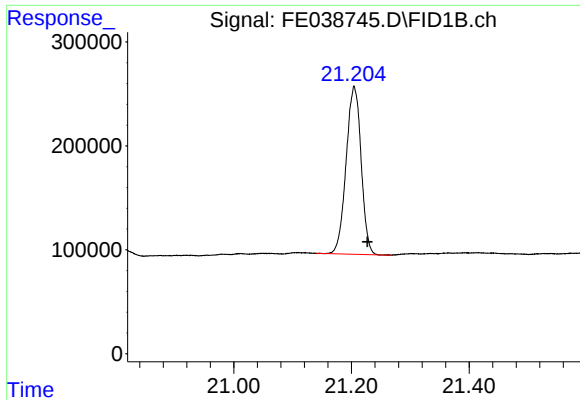
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.022 min
Response: 2891607
Conc: 19.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.019 min
Response: 2892147
Conc: 20.24 ug/ml



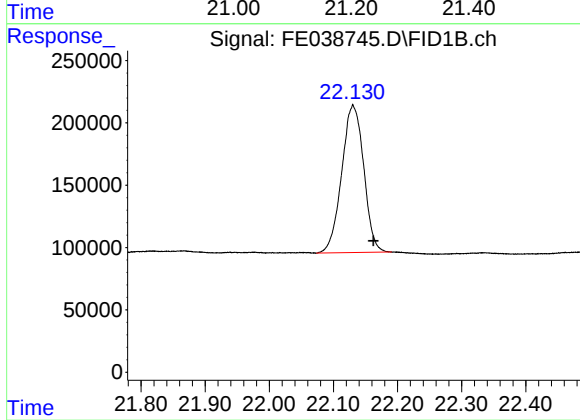
#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.022 min
Response: 2858785
Conc: 21.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: -0.032 min
Response: 2817795
Conc: 22.32 ug/ml m