

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102122AL\
 Data File : FE038254.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2022 09:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/24/2022

Integration File: sample.E
 Quant Time: Oct 21 11:14:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	3027143	17.502 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
12) S 1-chlorooctadecane (S...	13.024	2365169	17.499 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
Target Compounds			
1) T n-Nonane (C9)	2.991	2739797	18.603 ug/ml
2) T n-Decane (C10)	4.249	2903109	19.636 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2687416	19.625 ug/ml
4) T n-Dodecane (C12)	6.423	2985134	19.590 ug/ml
5) T A~2-methylnaphthalene...	7.067	2657317	19.994 ug/ml
6) T n-Tetradecane (C14)	8.242	2973183	19.426 ug/ml
7) T n-Hexadecane (C16)	9.841	2986701	19.121 ug/ml
8) T n-Octadecane (C18)	11.277	2972439	18.531 ug/ml
10) T n-Eicosane (C20)	12.580	2912021	17.857 ug/ml
11) T n-Heneicosane (C21)	13.189	2858465	17.349 ug/ml
13) T n-Docosane (C22)	13.771	2880212	17.497 ug/ml
14) T n-Tetracosane (C24)	14.870	2857893	17.426 ug/ml
15) T n-Hexacosane (C26)	15.885	2833937	17.379 ug/ml
16) T n-Octacosane (C28)	16.830	2922836	18.245 ug/ml
17) T n-Tricontane (C30)	17.714	3252428	20.324 ug/ml
18) T n-Dotriacontane (C32)	18.543	3400793	21.596 ug/ml
19) T n-Tetratriacontane (C34)	19.323	3286571	22.183 ug/ml
20) T n-Hexatriacontane (C36)	20.060	3185395	22.095 ug/ml
21) T n-Octatriacontane (C38)	20.758	3177059	23.412 ug/ml
22) T n-Tetracontane (C40)	21.529	3008568	23.635 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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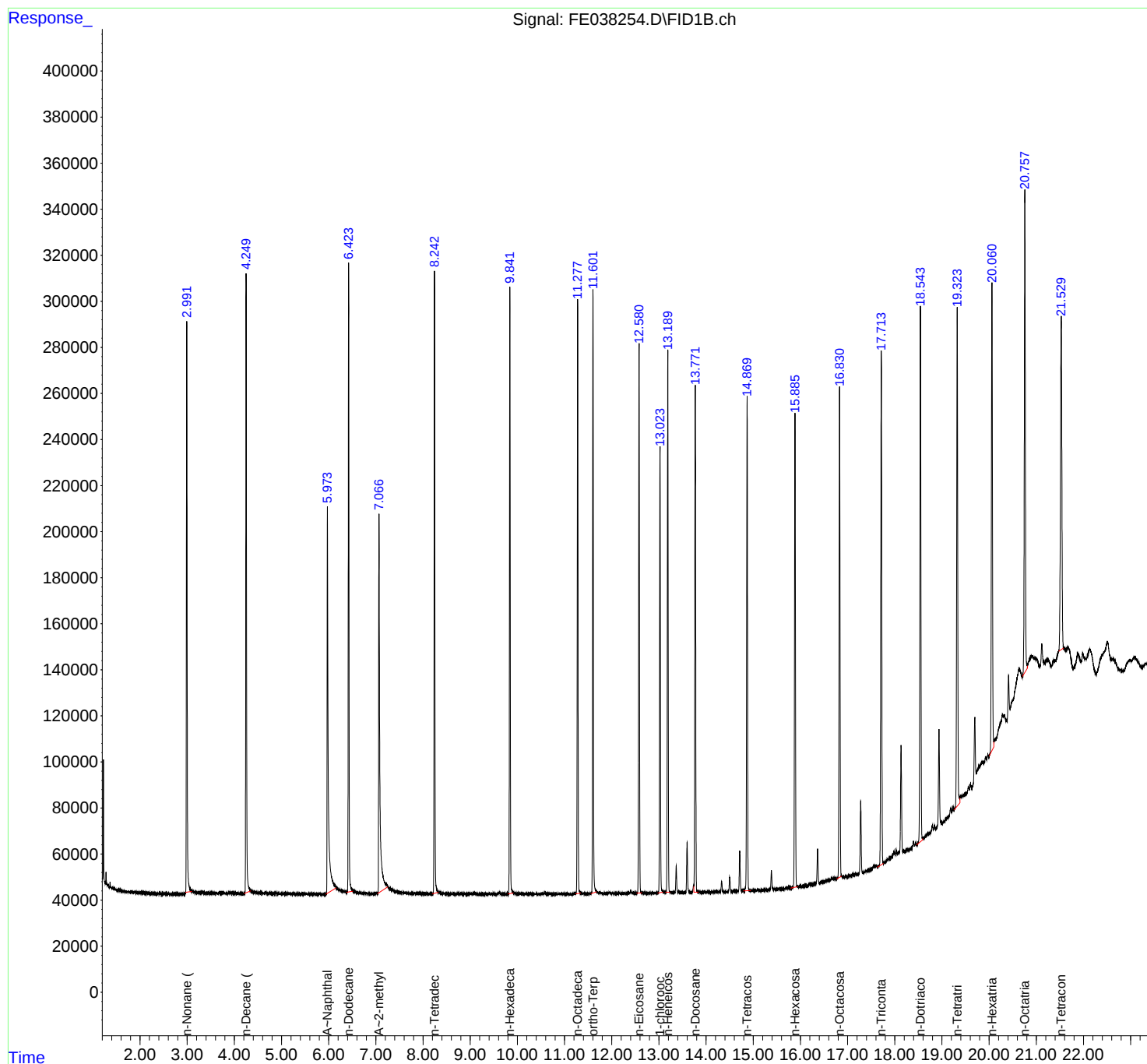
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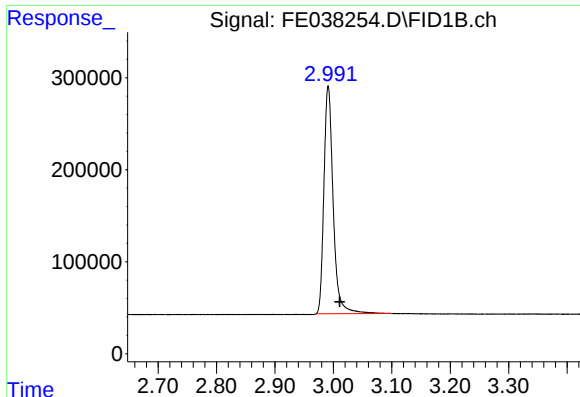
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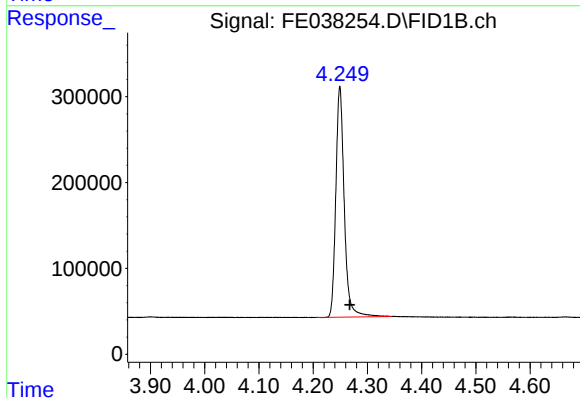
#1 n-Nonane (C9)

R.T.: 2.991 min
Delta R.T.: -0.020 min
Response: 2739797
Conc: 18.60 ug/ml

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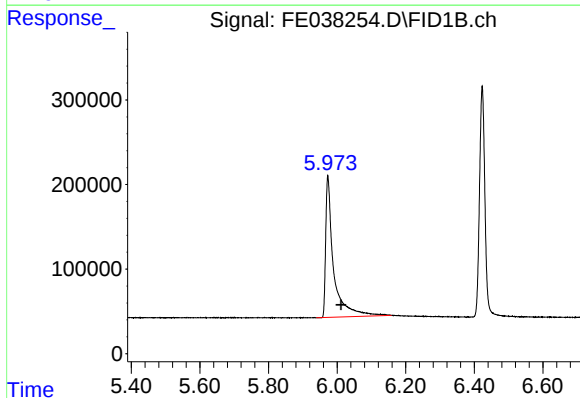
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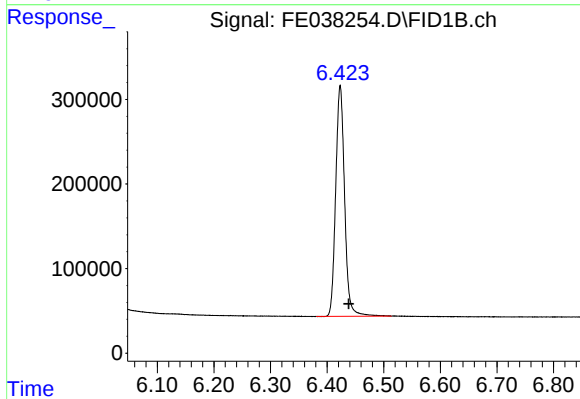
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.018 min
Response: 2903109
Conc: 19.64 ug/ml



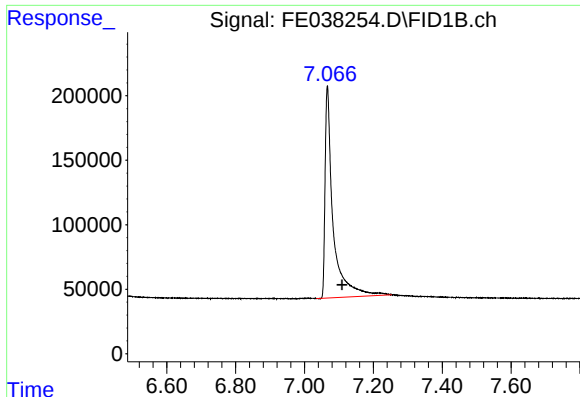
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.038 min
Response: 2687416
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.015 min
Response: 2985134
Conc: 19.59 ug/ml



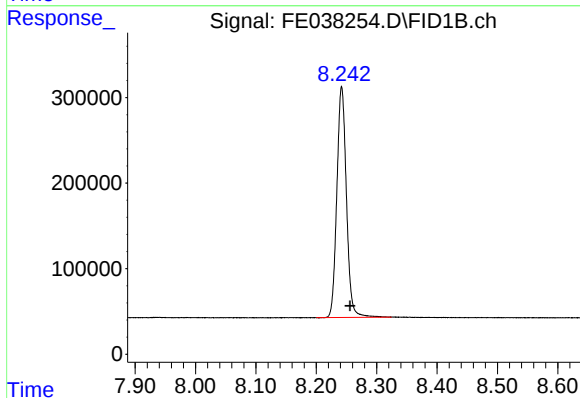
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.067 min
Delta R.T.: -0.043 min
Response: 2657317
Conc: 19.99 ug/ml

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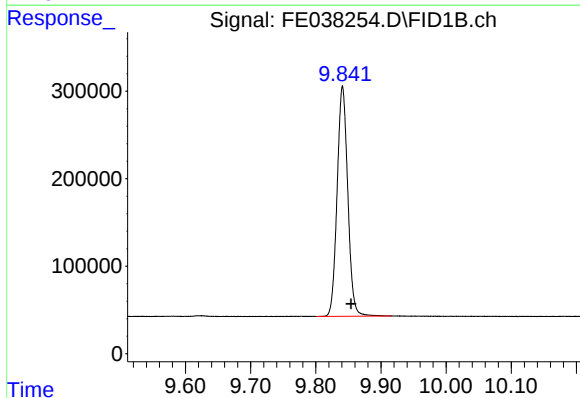
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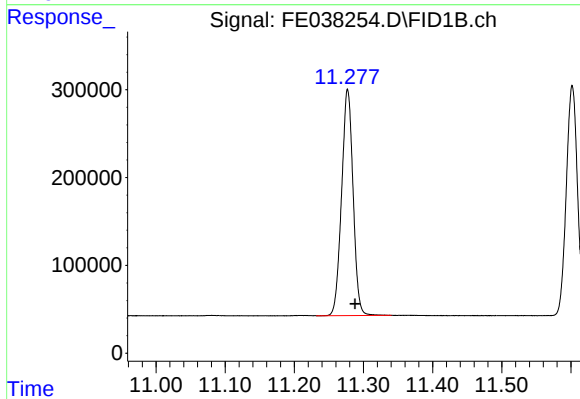
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: -0.014 min
Response: 2973183
Conc: 19.43 ug/ml



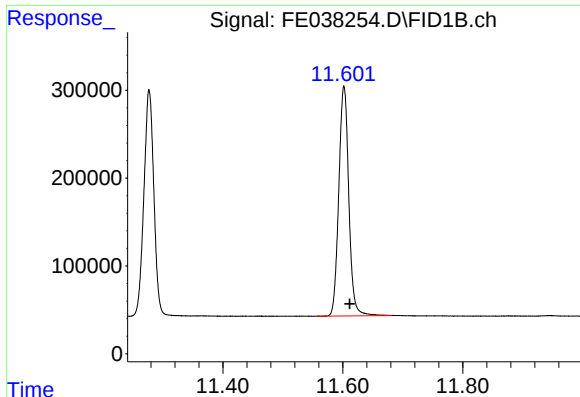
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 2986701
Conc: 19.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: -0.011 min
Response: 2972439
Conc: 18.53 ug/ml



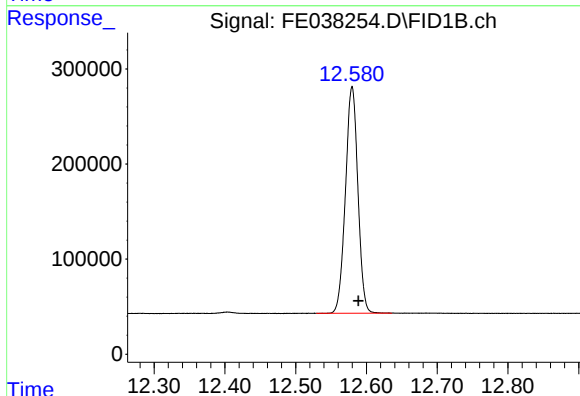
#9 ortho-Terphenyl (SURR)

R.T.: 11.602 min
Delta R.T.: -0.010 min
Response: 3027143
Conc: 17.50 ug/ml

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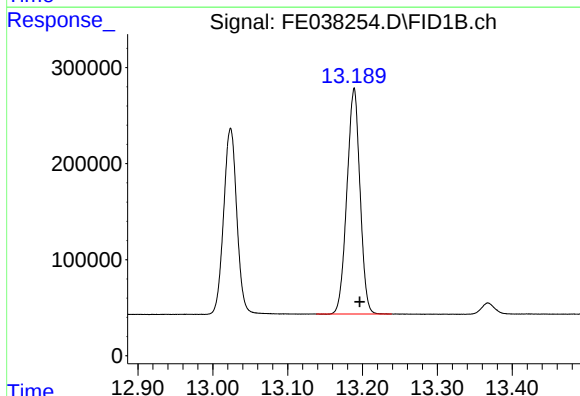
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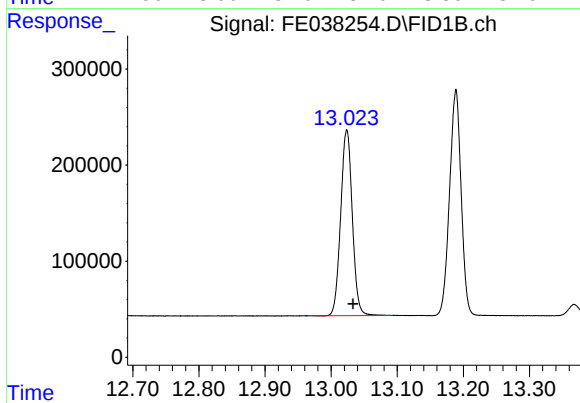
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.009 min
Response: 2912021
Conc: 17.86 ug/ml



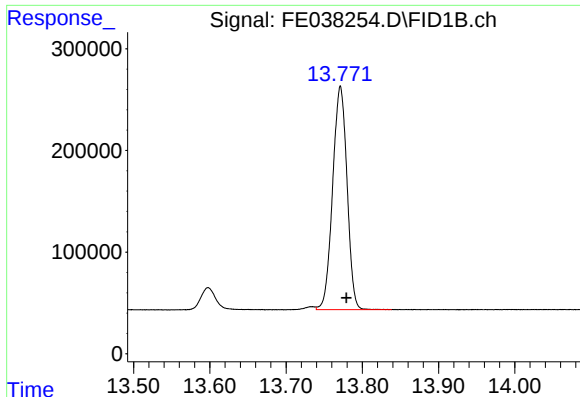
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.007 min
Response: 2858465
Conc: 17.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.024 min
Delta R.T.: -0.009 min
Response: 2365169
Conc: 17.50 ug/ml



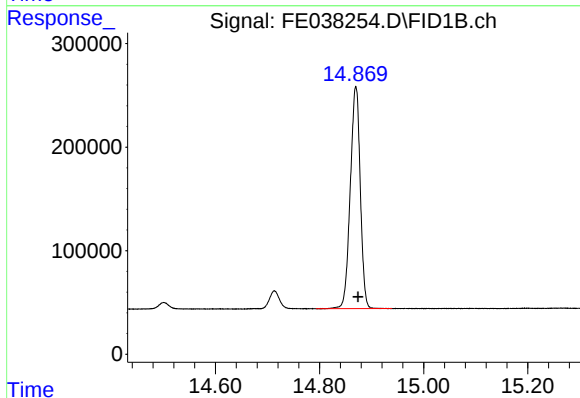
#13 n-Docosane (C22)

R.T.: 13.771 min
Delta R.T.: -0.008 min
Response: 2880212
Conc: 17.50 ug/ml

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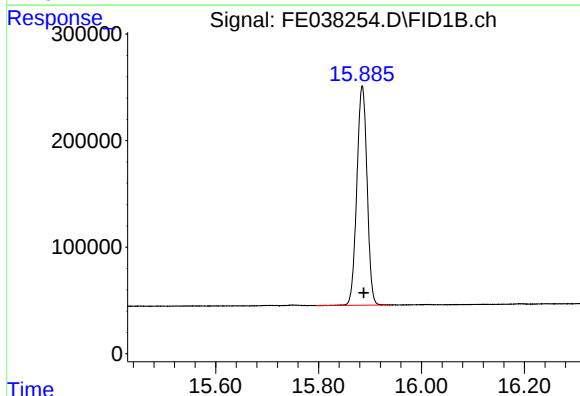
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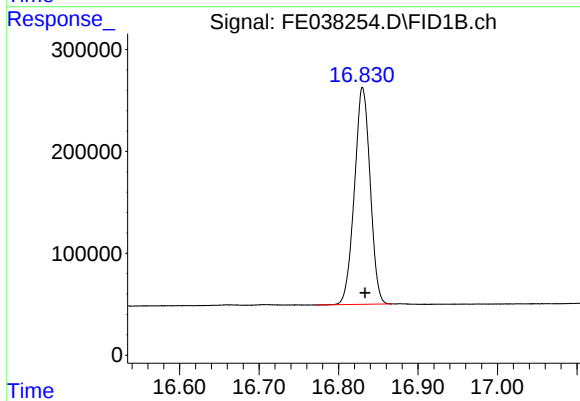
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.004 min
Response: 2857893
Conc: 17.43 ug/ml



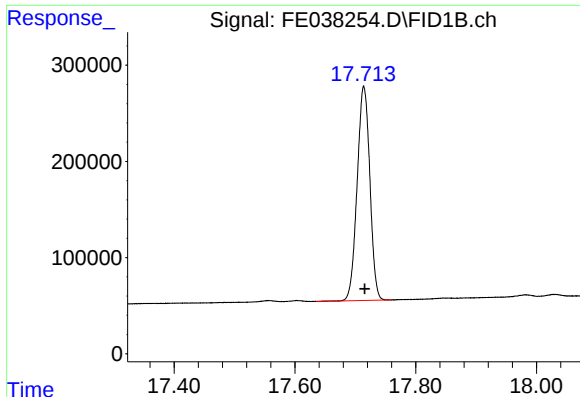
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.003 min
Response: 2833937
Conc: 17.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.003 min
Response: 2922836
Conc: 18.24 ug/ml



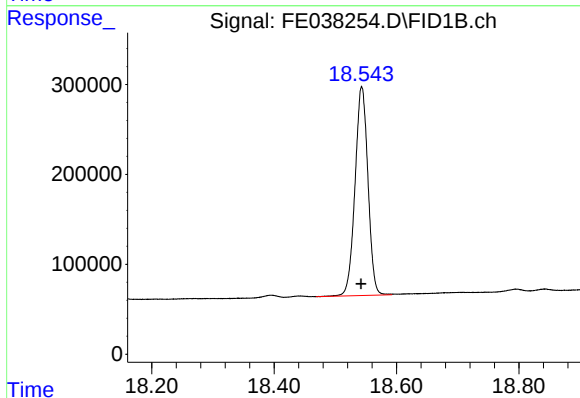
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.001 min
Response: 3252428
Conc: 20.32 ug/ml

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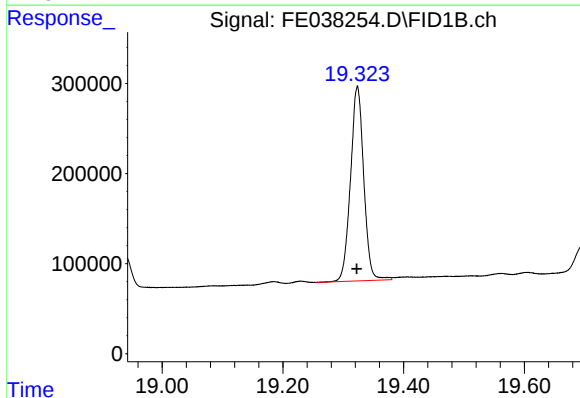
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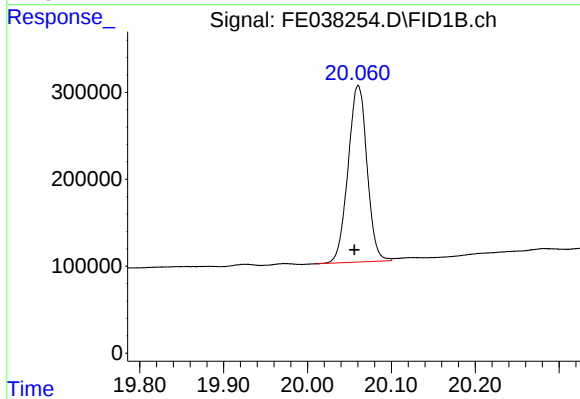
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.000 min
Response: 3400793
Conc: 21.60 ug/ml



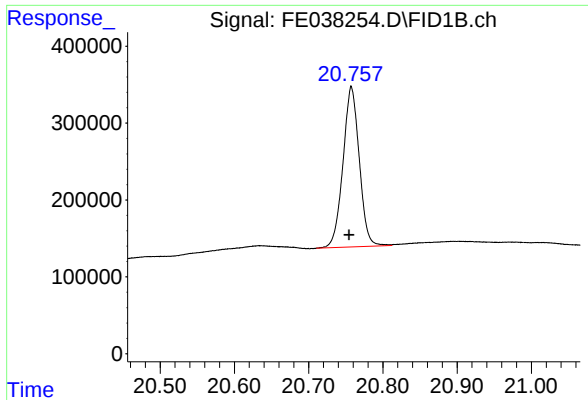
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.001 min
Response: 3286571
Conc: 22.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.060 min
Delta R.T.: 0.004 min
Response: 3185395
Conc: 22.10 ug/ml



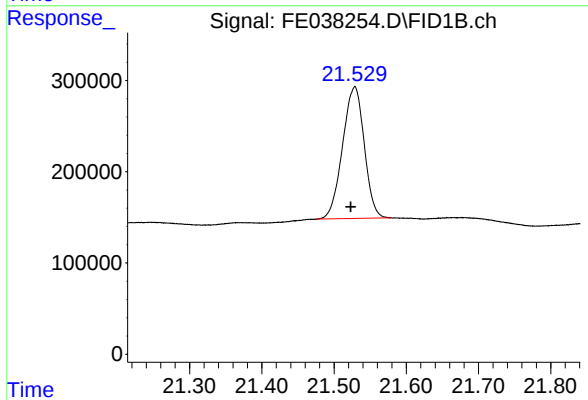
#21 n-Octatriacontane (C38)

R.T.: 20.758 min
Delta R.T.: 0.003 min
Response: 3177059
Conc: 23.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.529 min
Delta R.T.: 0.005 min
Response: 3008568
Conc: 23.63 ug/ml m