

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037672.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2022 08:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
 Quant Time: Sep 20 09:13:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.621	3202899	18.953 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.044	2434633	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.015	3020572	19.742 ug/mlm
2) T n-Decane (C10)	4.273	3080740	19.982 ug/ml
3) T A~Naphthalene (C11.7)	5.990	3063826	21.266 ug/ml
4) T n-Dodecane (C12)	6.446	3168718	20.038 ug/ml
5) T A~2-methylnaphthalene...	7.083	2876293	20.602 ug/ml
6) T n-Tetradecane (C14)	9.865	3127410	19.737 ug/ml
7) T n-Hexadecane (C16)	9.865	3127410	19.737 ug/ml
8) T n-Octadecane (C18)	11.300	3099636	19.465 ug/ml
10) T n-Eicosane (C20)	12.602	3014308	19.051 ug/ml
11) T n-Heneicosane (C21)	13.210	2978720	18.890 ug/ml
13) T n-Docosane (C22)	13.792	2921430	18.767 ug/ml
14) T n-Tetracosane (C24)	14.890	2834941	18.849 ug/ml
15) T n-Hexacosane (C26)	15.905	2739077	18.916 ug/ml
16) T n-Octacosane (C28)	16.850	2676392	19.319 ug/ml
17) T n-Tricontane (C30)	17.732	2694947	19.811 ug/ml
18) T n-Dotriacontane (C32)	18.560	2695514	20.186 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2555359	20.196 ug/ml
20) T n-Hexatriacontane (C36)	20.074	2488312	19.347 ug/mlm
21) T n-Octatriacontane (C38)	20.773	2287852	18.382 ug/mlm
22) T n-Tetracontane (C40)	21.546	2228531	17.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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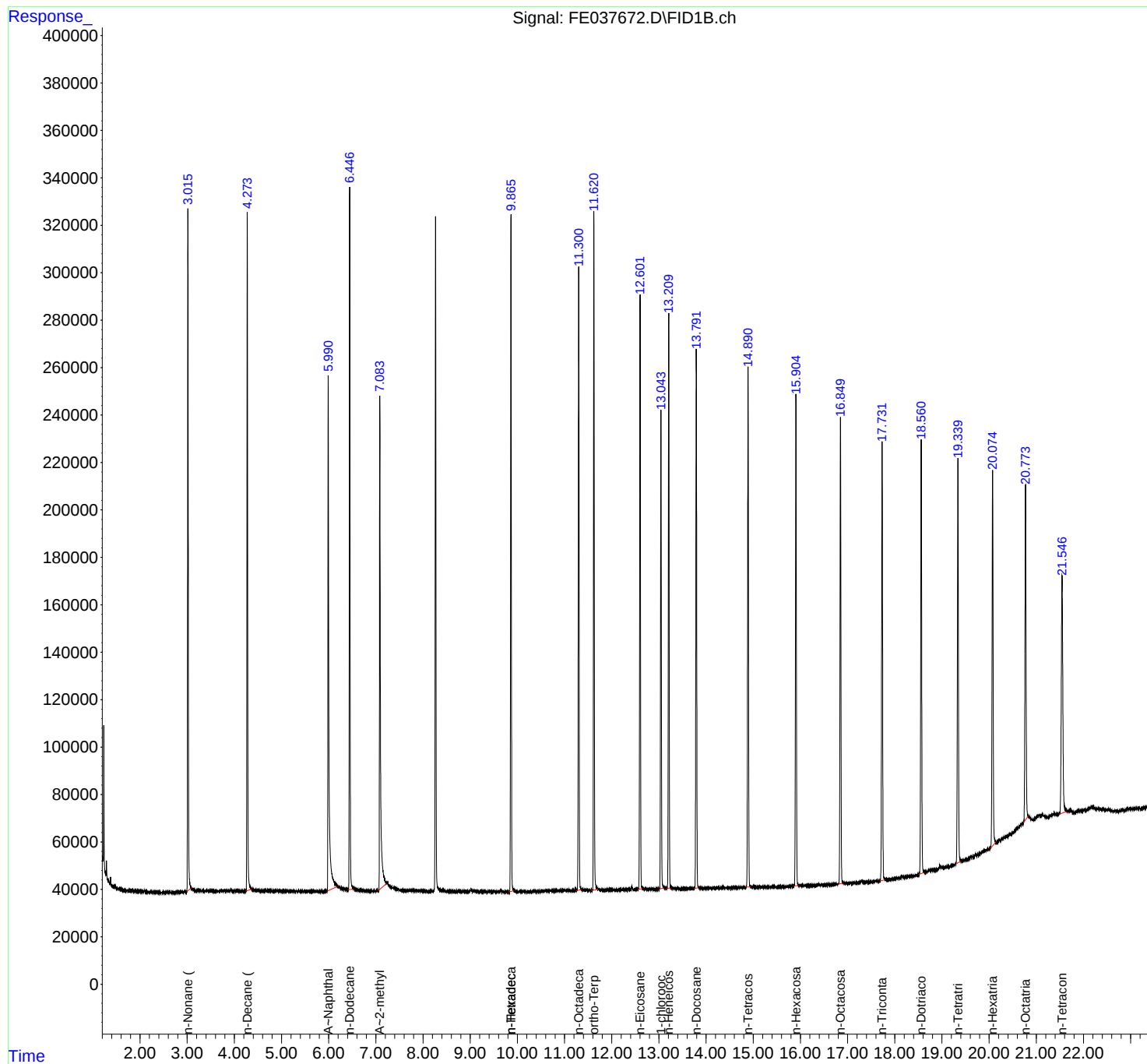
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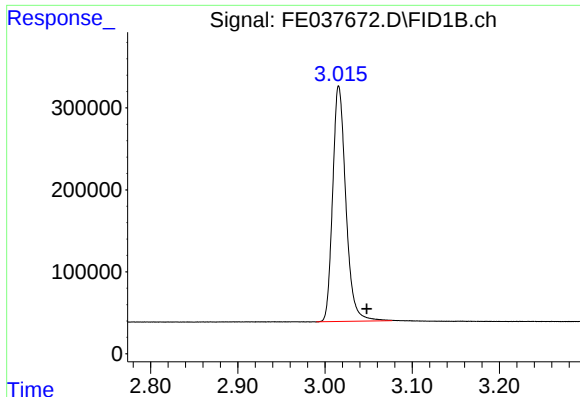
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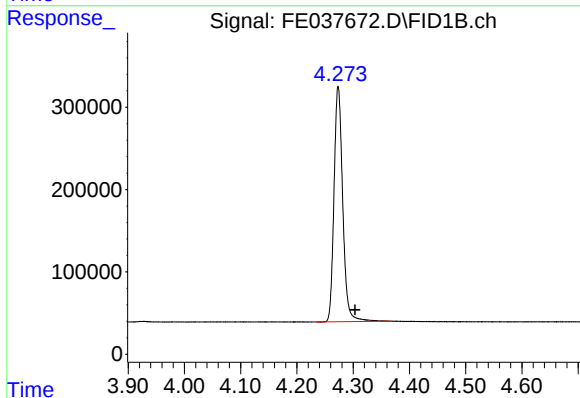
#1 n-Nonane (C9)

R.T.: 3.015 min
Delta R.T.: -0.033 min
Response: 3020572
Conc: 19.74 ug/ml

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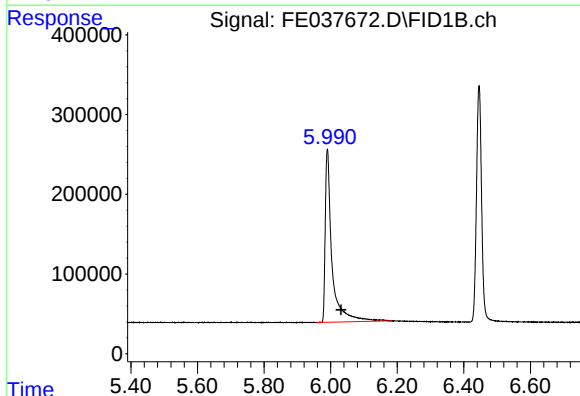
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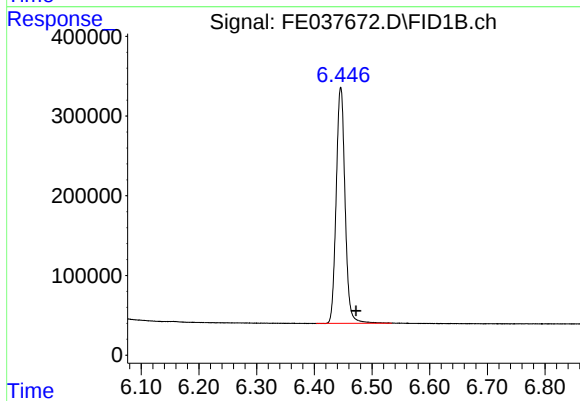
#2 n-Decane (C10)

R.T.: 4.273 min
Delta R.T.: -0.030 min
Response: 3080740
Conc: 19.98 ug/ml



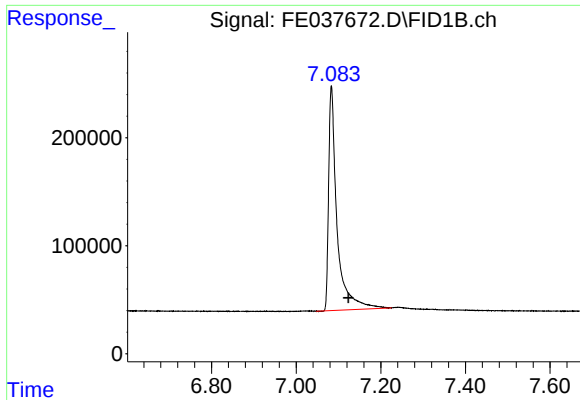
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.040 min
Response: 3063826
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.027 min
Response: 3168718
Conc: 20.04 ug/ml



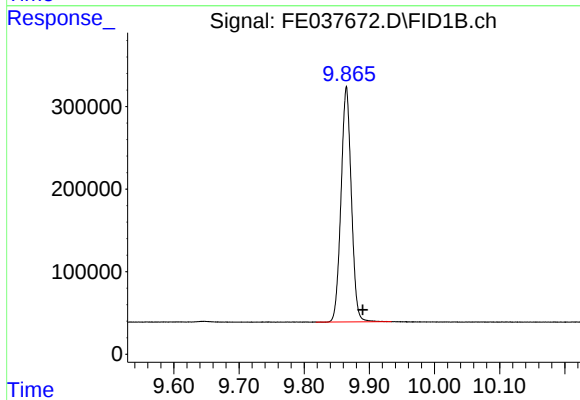
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.040 min
Response: 2876293
Conc: 20.60 ug/ml

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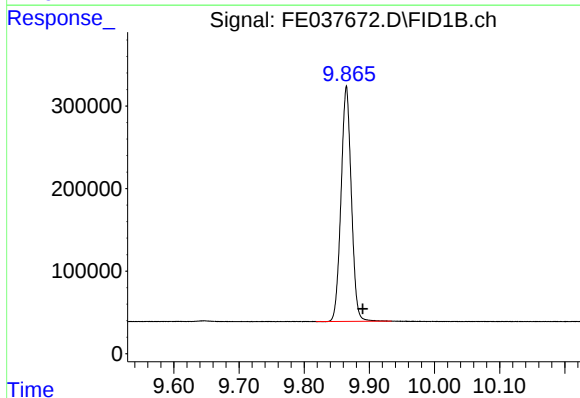
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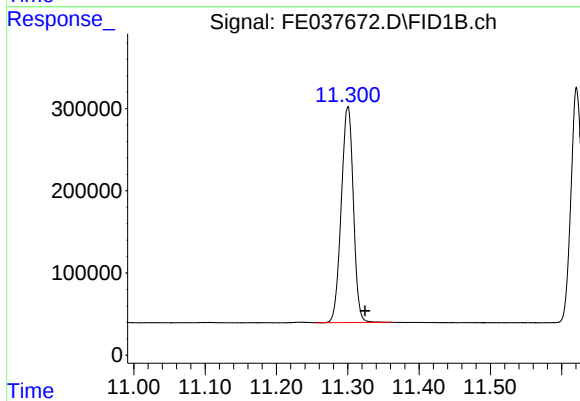
#6 n-Tetradecane (C14)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 3127410
Conc: 19.74 ug/ml



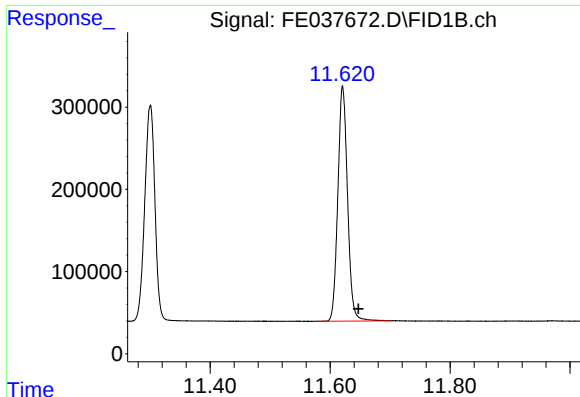
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.025 min
Response: 3127410
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.024 min
Response: 3099636
Conc: 19.46 ug/ml



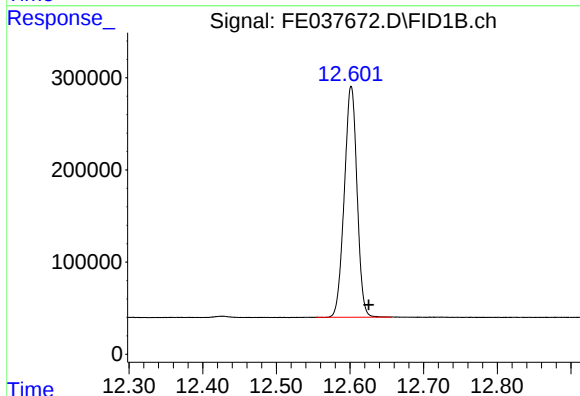
#9 ortho-Terphenyl (SURR)

R.T.: 11.621 min
Delta R.T.: -0.026 min
Response: 3202899
Conc: 18.95 ug/ml

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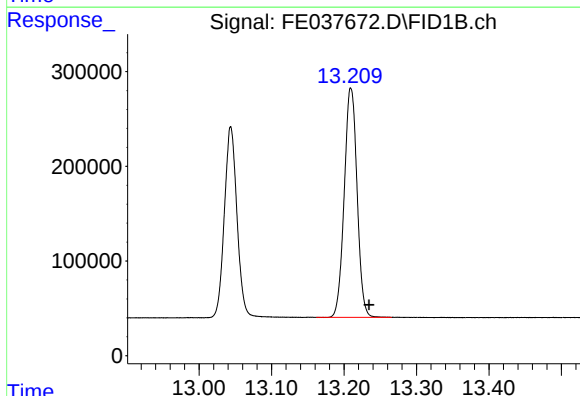
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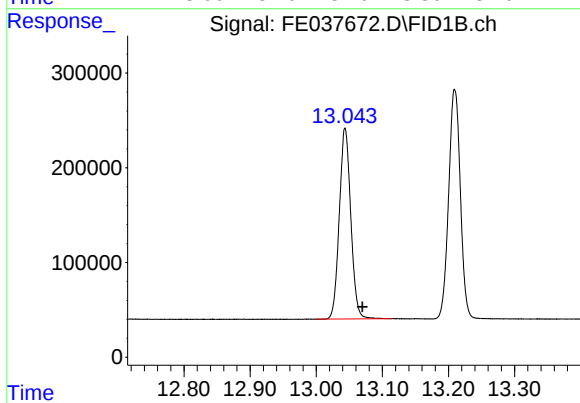
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.024 min
Response: 3014308
Conc: 19.05 ug/ml



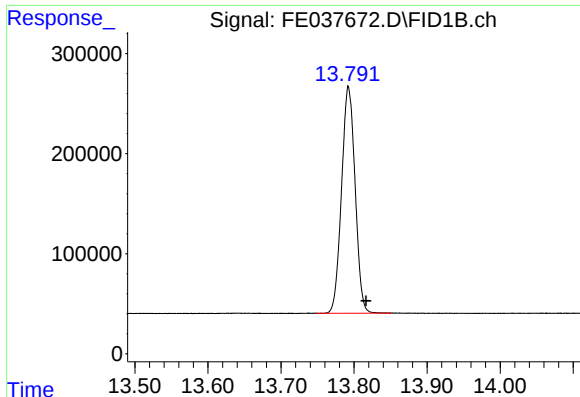
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.025 min
Response: 2978720
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.044 min
Delta R.T.: -0.026 min
Response: 2434633
Conc: 18.92 ug/ml



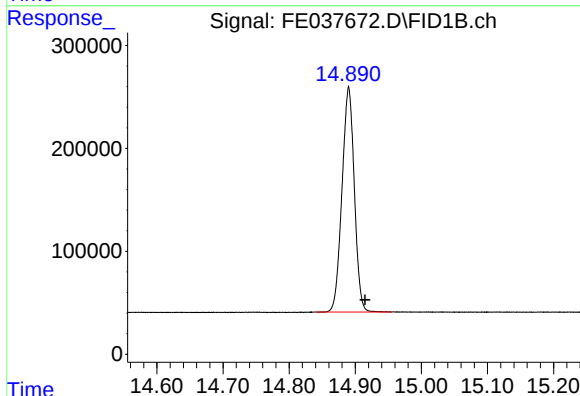
#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.024 min
Response: 2921430
Conc: 18.77 ug/ml

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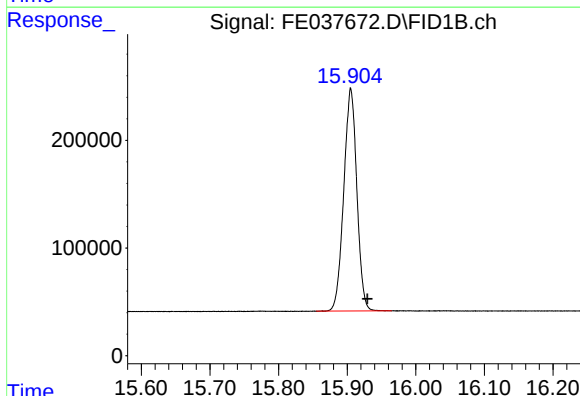
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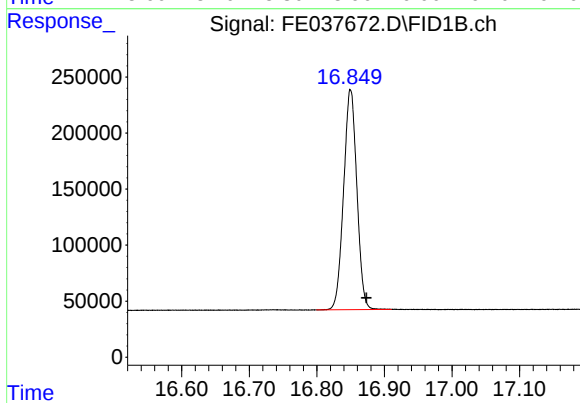
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.025 min
Response: 2834941
Conc: 18.85 ug/ml



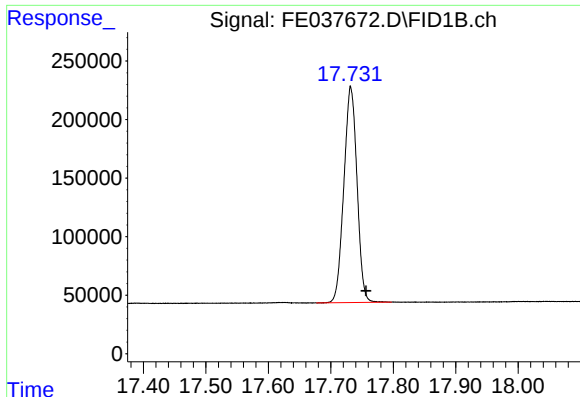
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.024 min
Response: 2739077
Conc: 18.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.024 min
Response: 2676392
Conc: 19.32 ug/ml



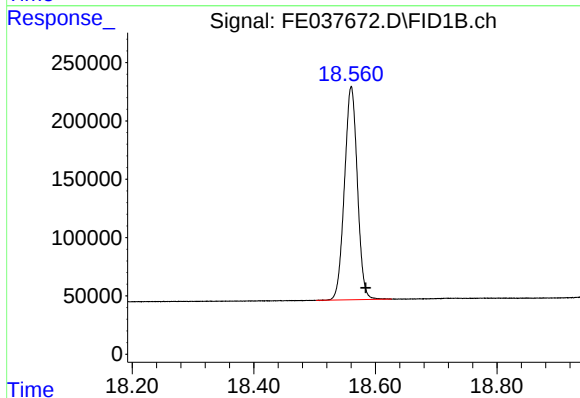
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.025 min
Response: 2694947
Conc: 19.81 ug/ml

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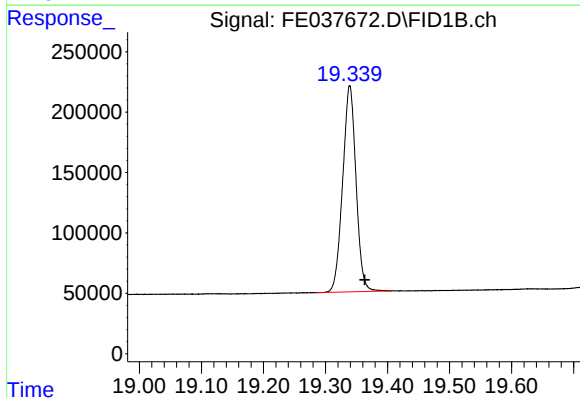
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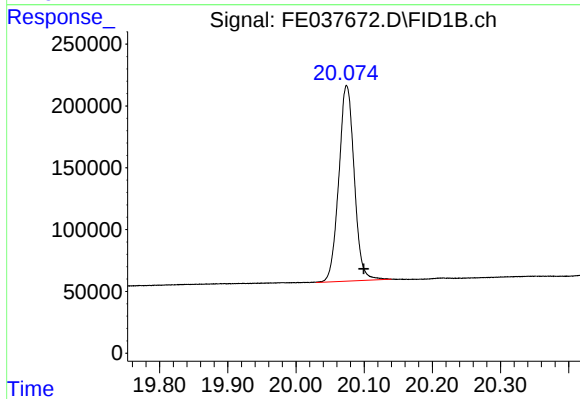
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.024 min
Response: 2695514
Conc: 20.19 ug/ml



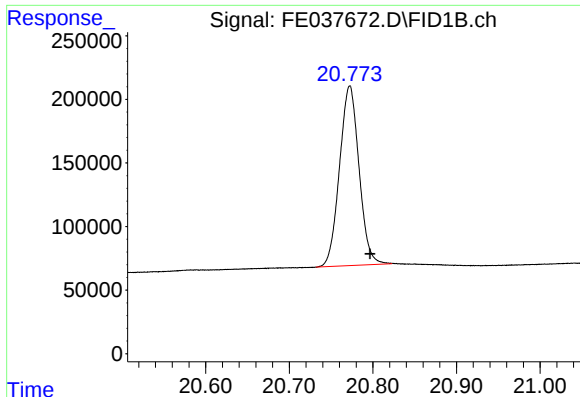
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.024 min
Response: 2555359
Conc: 20.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: -0.026 min
Response: 2488312
Conc: 19.35 ug/ml m



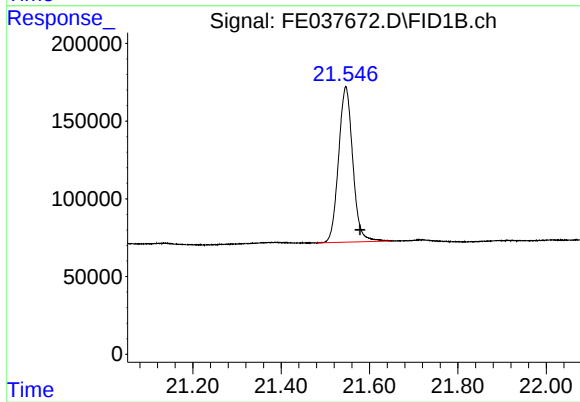
#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.024 min
Response: 2287852
Conc: 18.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.546 min
Delta R.T.: -0.032 min
Response: 2228531
Conc: 17.29 ug/ml