

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037646.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 10:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 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 04:21:20 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)	11.626	3395556	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	13.050	2516212	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.021	3147097	20.568 ug/ml
2) T n-Decane (C10)	4.279	3271579	21.220 ug/ml
3) T A~Naphthalene (C11.7)	5.994	3212405	22.297 ug/ml
4) T n-Dodecane (C12)	6.452	3324325	21.022 ug/ml
5) T A~2-methylnaphthalene...	7.087	3126530	22.394 ug/ml
6) T n-Tetradecane (C14)	9.870	3309488	20.886 ug/ml
7) T n-Hexadecane (C16)	9.870	3309488	20.886 ug/ml
8) T n-Octadecane (C18)	11.306	3276580	20.576 ug/ml
10) T n-Eicosane (C20)	12.608	3193510	20.184 ug/ml
11) T n-Heneicosane (C21)	13.216	3136038	19.887 ug/ml
13) T n-Docosane (C22)	13.798	3142124	20.185 ug/ml
14) T n-Tetracosane (C24)	14.896	3067281	20.394 ug/ml
15) T n-Hexacosane (C26)	15.912	2975703	20.550 ug/ml
16) T n-Octacosane (C28)	16.857	2960985	21.373 ug/ml
17) T n-Tricontane (C30)	17.740	3102141	22.805 ug/ml
18) T n-Dotriacontane (C32)	18.568	3114667	23.325 ug/ml
19) T n-Tetratriacontane (C34)	19.347	2868317	22.670 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2836412	22.054 ug/mlm
21) T n-Octatriacontane (C38)	20.781	2781936	22.352 ug/mlm
22) T n-Tetracontane (C40)	21.560	2713863	21.052 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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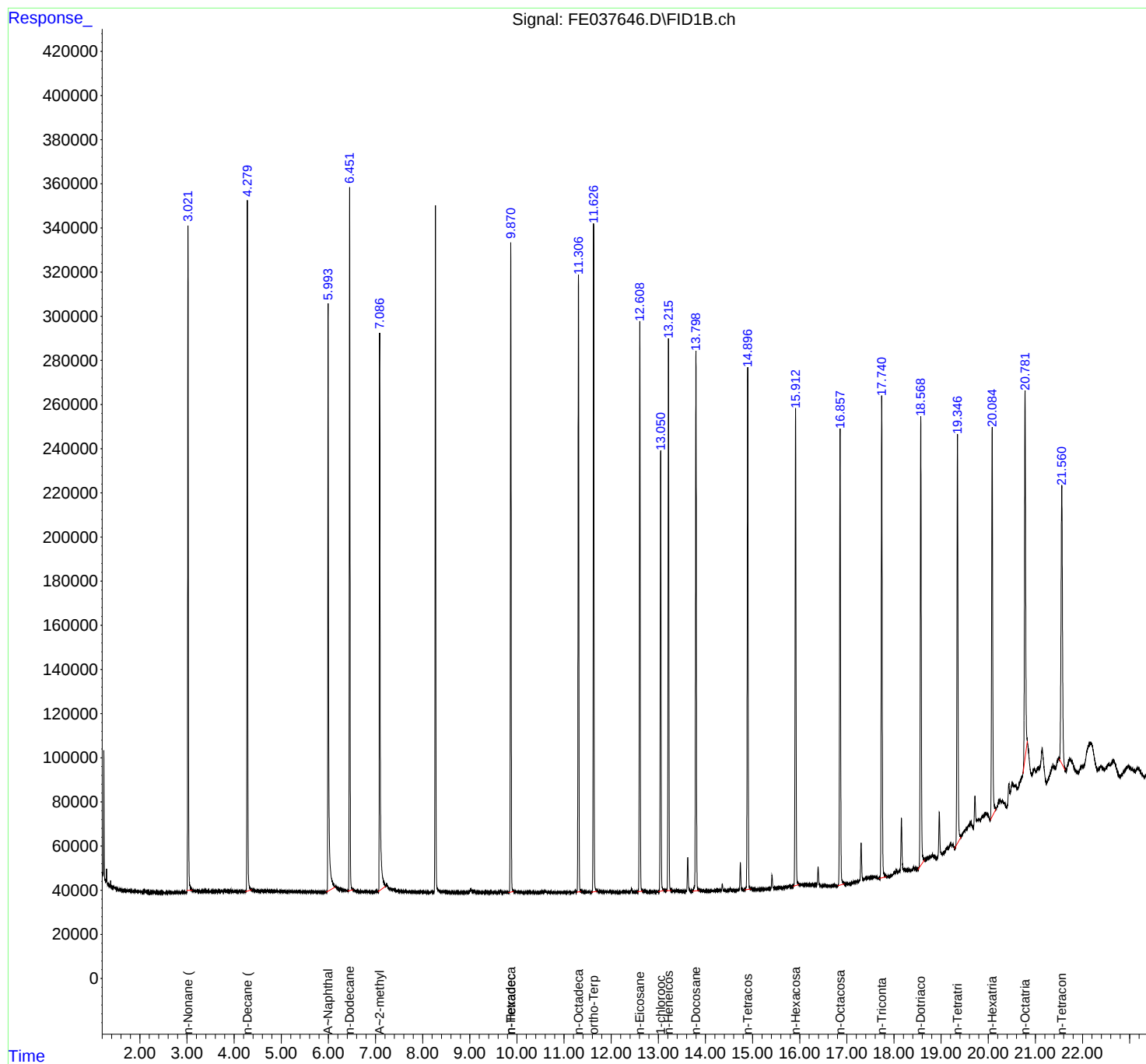
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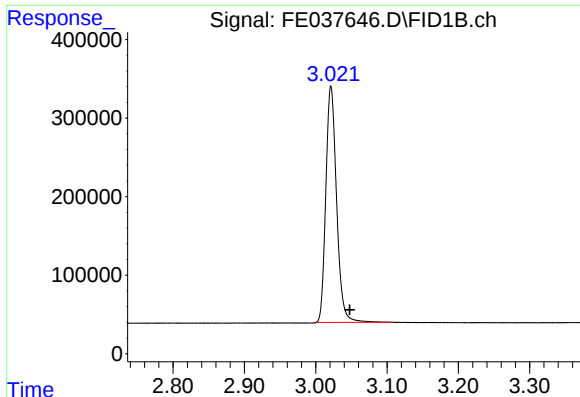
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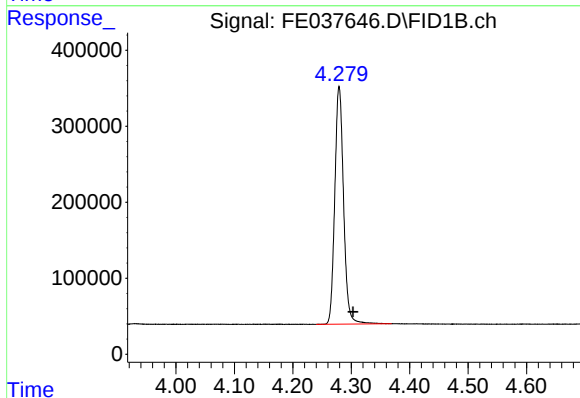
#1 n-Nonane (C9)

R.T.: 3.021 min
Delta R.T.: -0.027 min
Response: 3147097
Conc: 20.57 ug/ml

Instrument :
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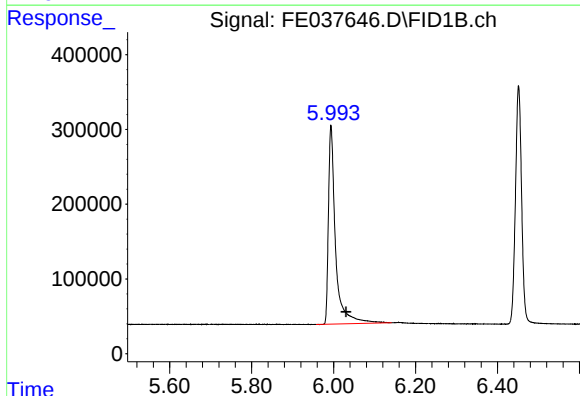
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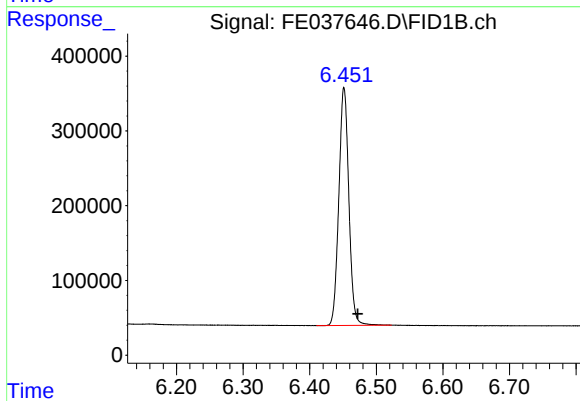
#2 n-Decane (C10)

R.T.: 4.279 min
Delta R.T.: -0.024 min
Response: 3271579
Conc: 21.22 ug/ml



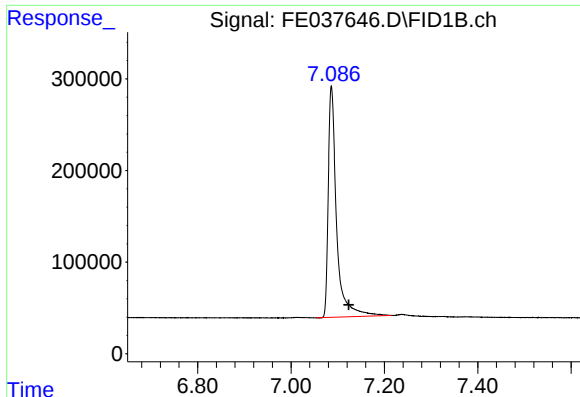
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.037 min
Response: 3212405
Conc: 22.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.452 min
Delta R.T.: -0.021 min
Response: 3324325
Conc: 21.02 ug/ml



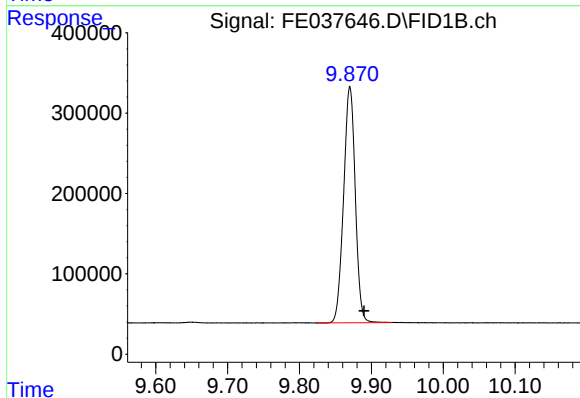
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.037 min
Response: 3126530
Conc: 22.39 ug/ml

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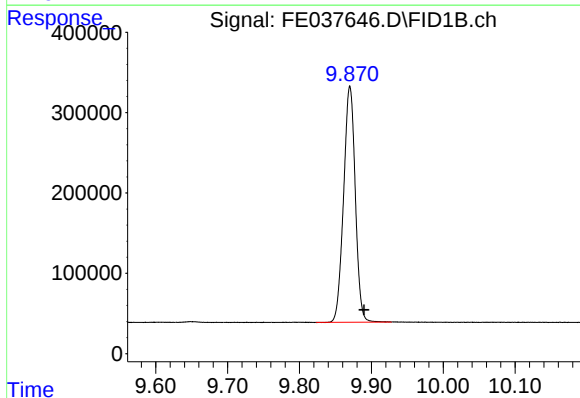
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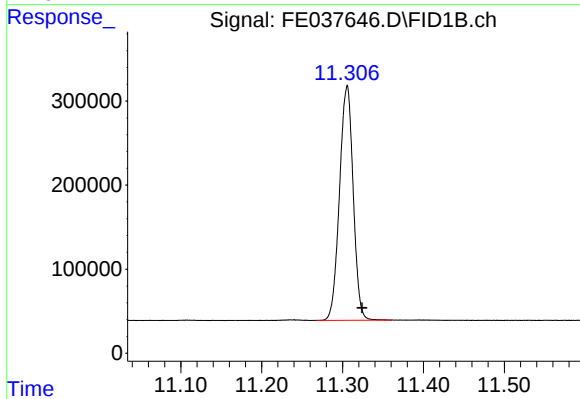
#6 n-Tetradecane (C14)

R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 3309488
Conc: 20.89 ug/ml



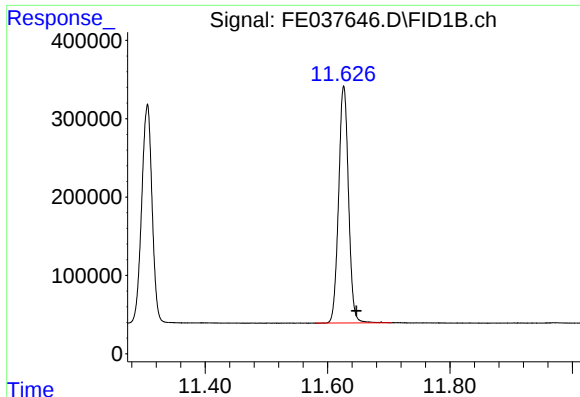
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.019 min
Response: 3309488
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.018 min
Response: 3276580
Conc: 20.58 ug/ml



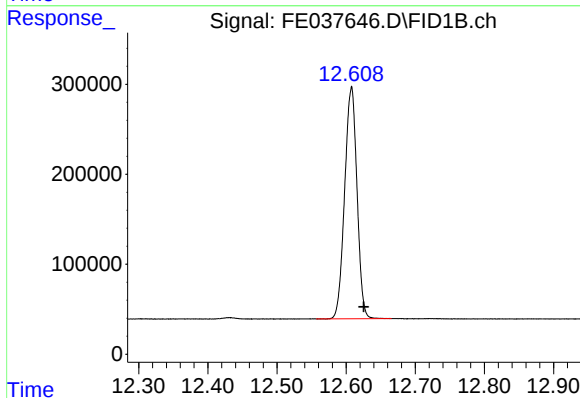
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.021 min
Response: 3395556
Conc: 20.09 ug/ml

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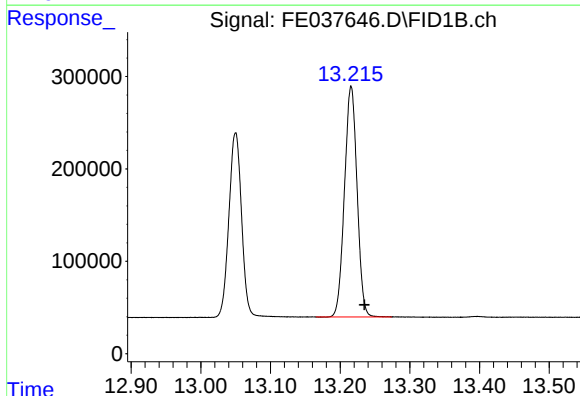
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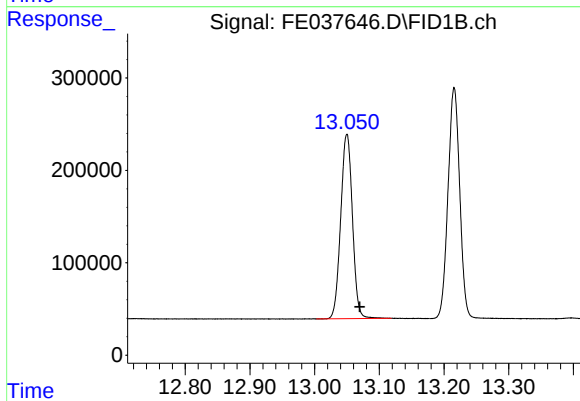
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.018 min
Response: 3193510
Conc: 20.18 ug/ml



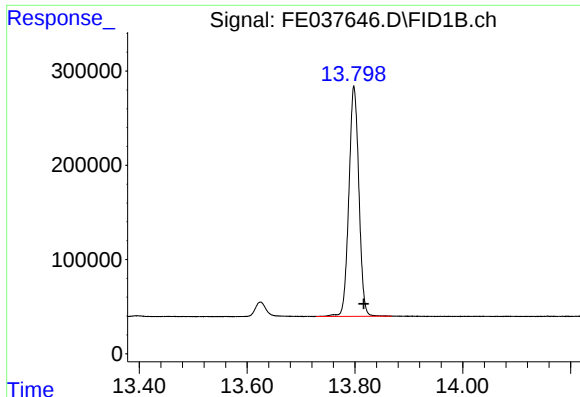
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.019 min
Response: 3136038
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.020 min
Response: 2516212
Conc: 19.55 ug/ml



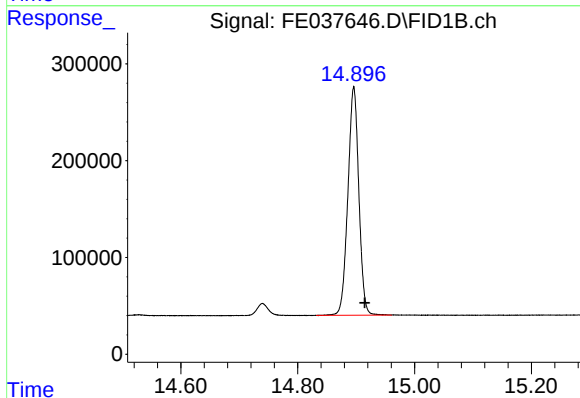
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: -0.018 min
Response: 3142124
Conc: 20.18 ug/ml

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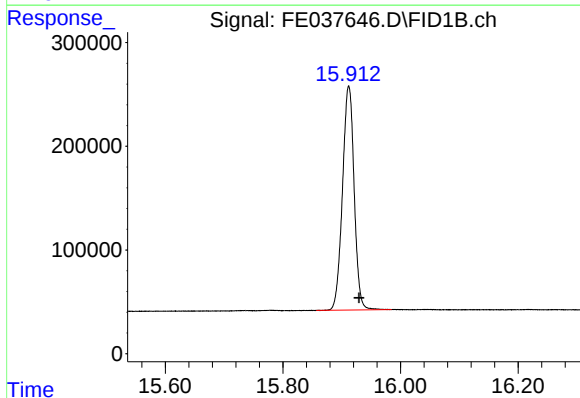
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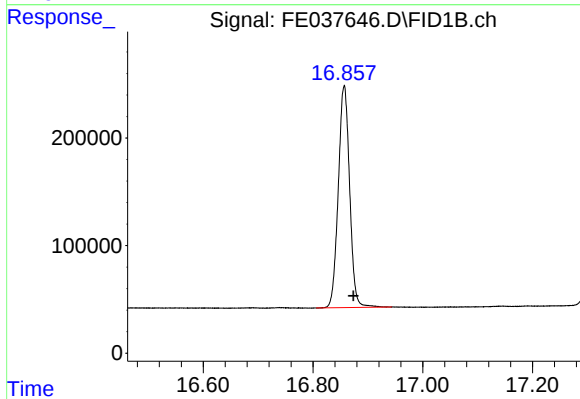
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.019 min
Response: 3067281
Conc: 20.39 ug/ml



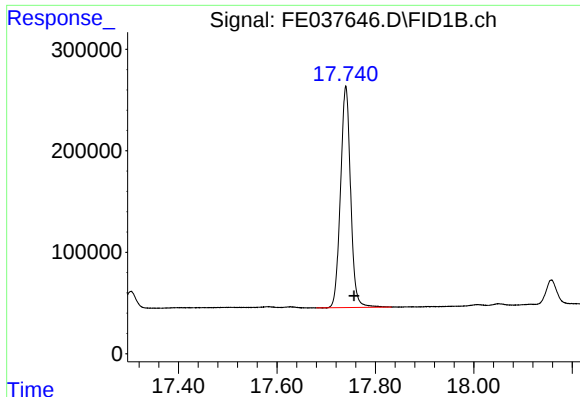
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.017 min
Response: 2975703
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: -0.017 min
Response: 2960985
Conc: 21.37 ug/ml



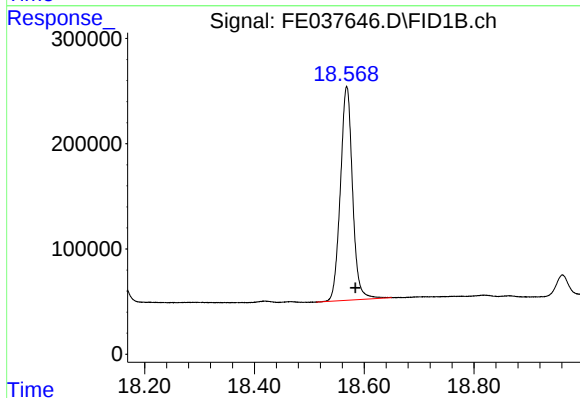
#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.017 min
Response: 3102141
Conc: 22.80 ug/ml

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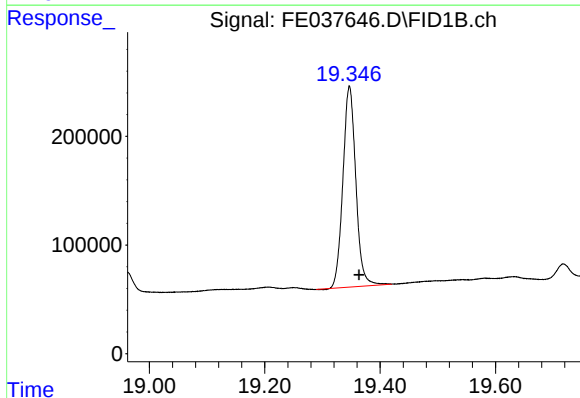
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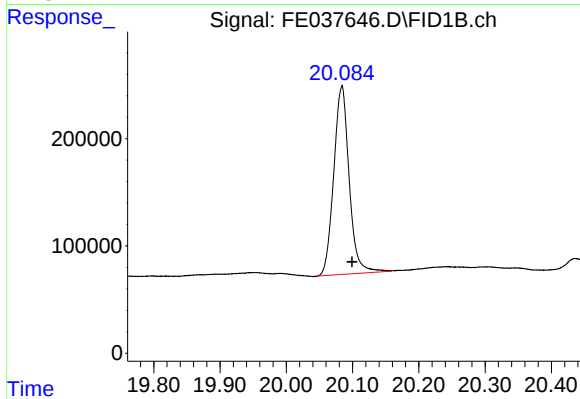
#18 n-Dotriacontane (C32)

R.T.: 18.568 min
Delta R.T.: -0.016 min
Response: 3114667
Conc: 23.33 ug/ml



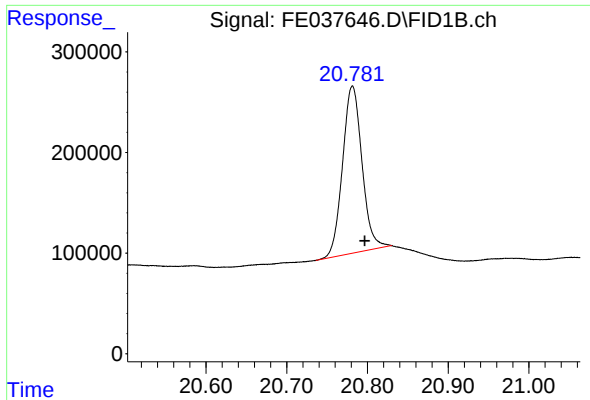
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.016 min
Response: 2868317
Conc: 22.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.015 min
Response: 2836412
Conc: 22.05 ug/ml m



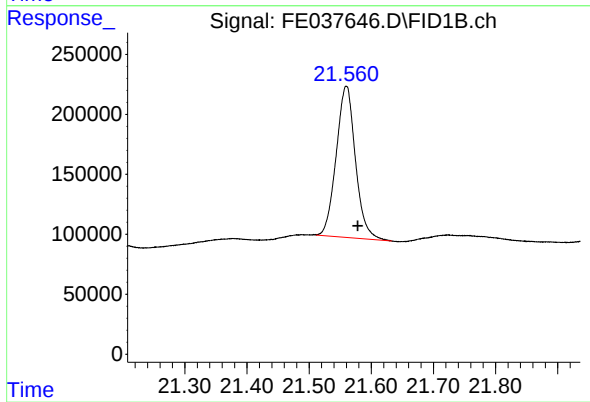
#21 n-Octatriacontane (C38)

R.T.: 20.781 min
Delta R.T.: -0.016 min
Response: 2781936
Conc: 22.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.018 min
Response: 2713863
Conc: 21.05 ug/ml m