

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112222AL\
 Data File : FE038896.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2022 13:52
 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 11/23/2022
 Supervised By :Ankita Jodhani 11/23/2022

Integration File: sample.E
 Quant Time: Nov 23 03:25:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.951	2747355	17.562 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
12) S 1-chlorooctadecane (S...	13.385	2106888	17.450 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
Target Compounds			
1) T n-Nonane (C9)	3.348	2460323	17.357 ug/ml
2) T n-Decane (C10)	4.597	2416536	17.338 ug/ml
3) T A~Naphthalene (C11.7)	6.299	2786348	17.518 ug/ml
4) T n-Dodecane (C12)	6.760	2449696	17.379 ug/ml
5) T A~2-methylnaphthalene...	7.393	2613044	17.459 ug/ml
6) T n-Tetradecane (C14)	8.585	2479930	17.364 ug/ml
7) T n-Hexadecane (C16)	10.191	2550384	17.443 ug/ml
8) T n-Octadecane (C18)	11.632	2572758	17.484 ug/ml
10) T n-Eicosane (C20)	12.941	2486275	17.514 ug/ml
11) T n-Heneicosane (C21)	13.552	2486326	17.497 ug/ml
13) T n-Docosane (C22)	14.138	2450692	17.532 ug/ml
14) T n-Tetracosane (C24)	15.241	2417141	17.502 ug/ml
15) T n-Hexacosane (C26)	16.261	2356735	17.546 ug/ml
16) T n-Octacosane (C28)	17.211	2346447	17.669 ug/ml
17) T n-Tricontane (C30)	18.098	2353535	17.822 ug/ml
18) T n-Dotriacontane (C32)	18.931	2395828	17.964 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2395655	18.105 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2335900	18.182 ug/ml
21) T n-Octatriacontane (C38)	21.191	2411056	18.400 ug/mlm
22) T n-Tetracontane (C40)	22.114	2419145	17.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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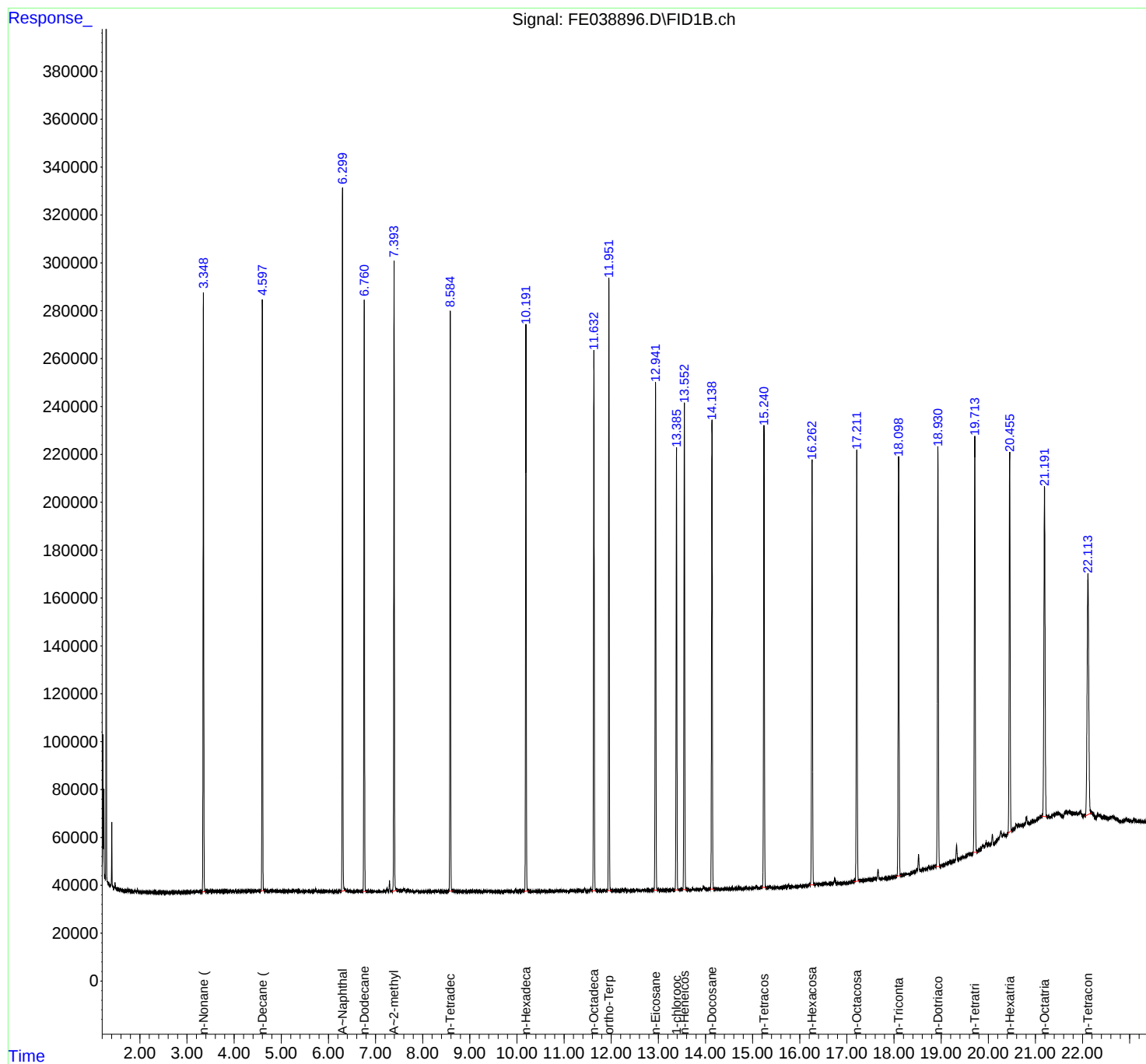
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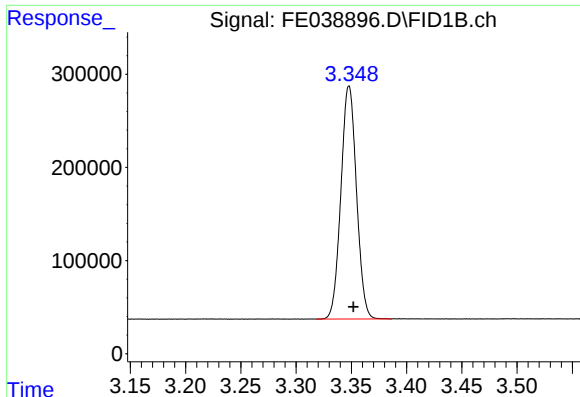
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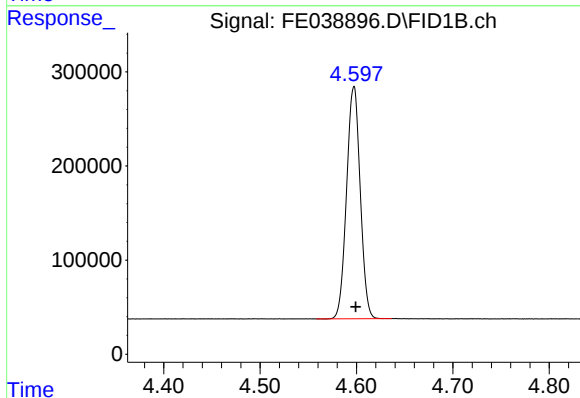
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2460323
Conc: 17.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

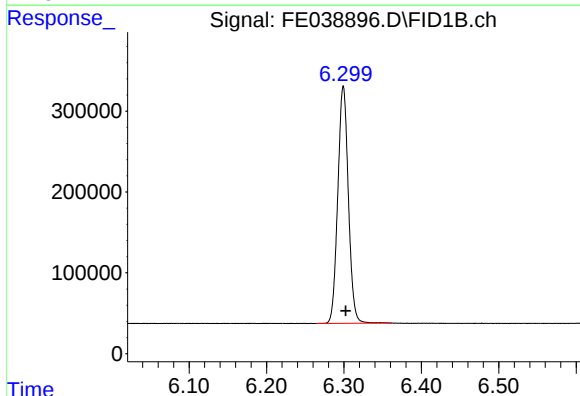
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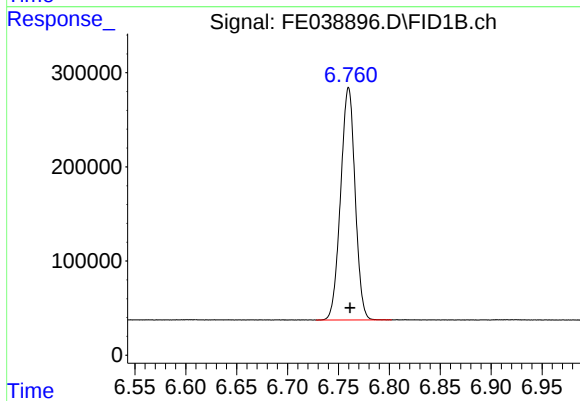
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 2416536
Conc: 17.34 ug/ml



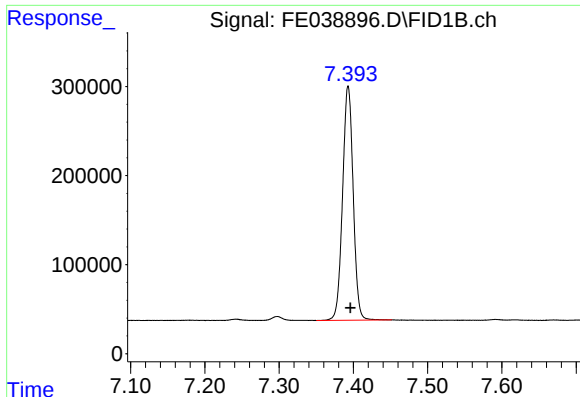
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.003 min
Response: 2786348
Conc: 17.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 2449696
Conc: 17.38 ug/ml



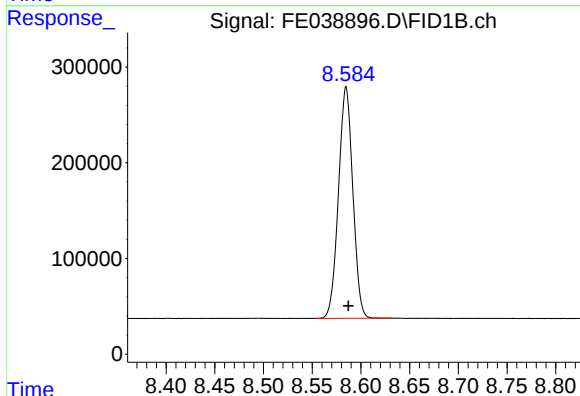
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2613044
Conc: 17.46 ug/ml

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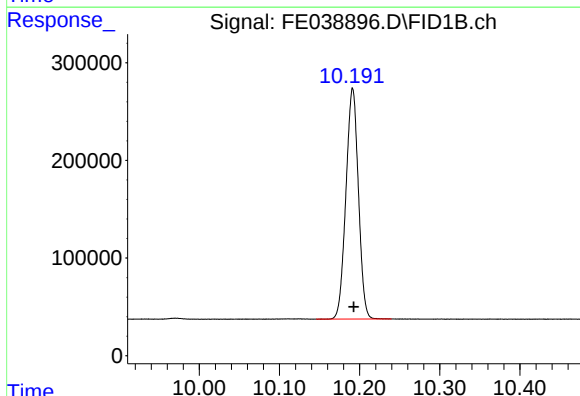
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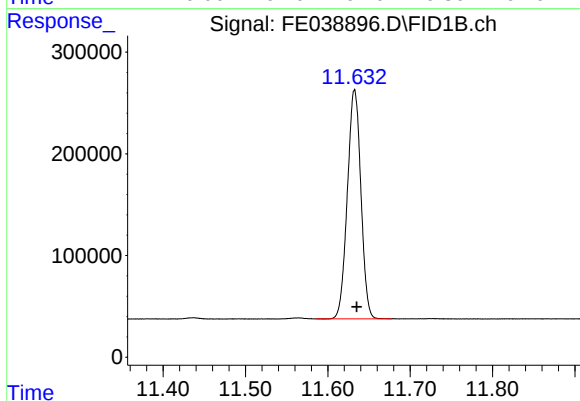
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2479930
Conc: 17.36 ug/ml



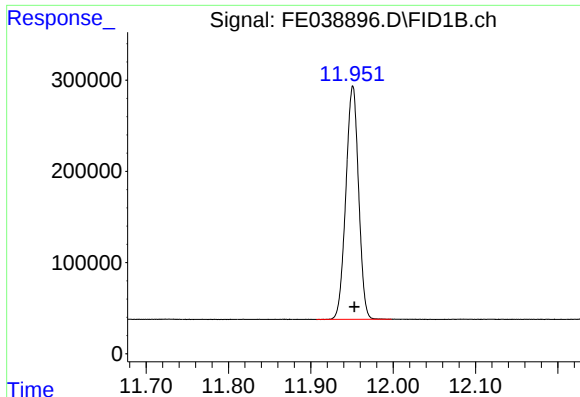
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.001 min
Response: 2550384
Conc: 17.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 2572758
Conc: 17.48 ug/ml



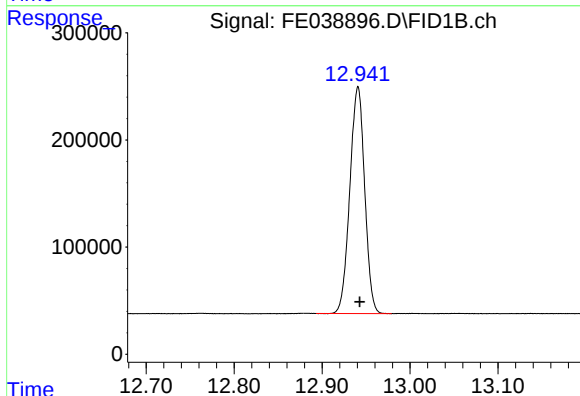
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.002 min
Response: 2747355
Conc: 17.56 ug/ml

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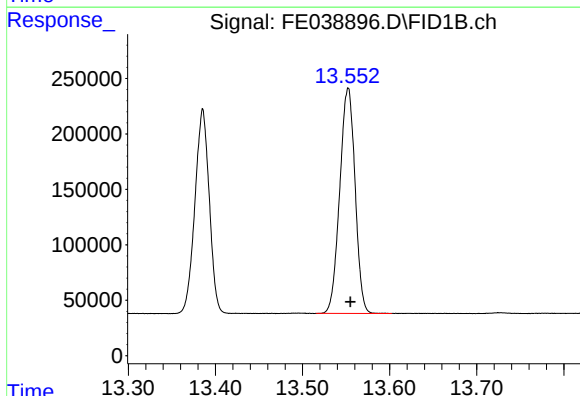
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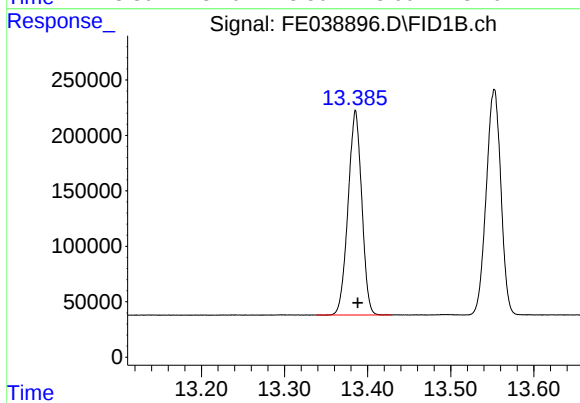
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 2486275
Conc: 17.51 ug/ml



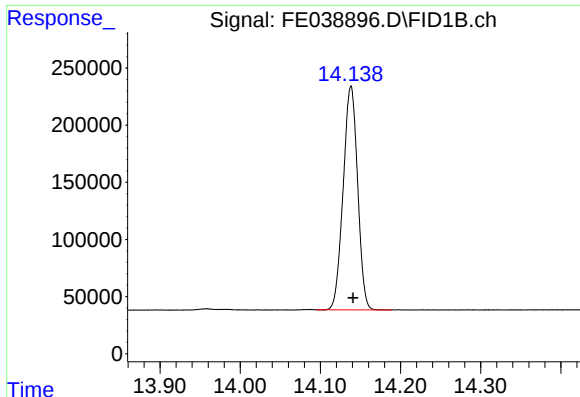
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.002 min
Response: 2486326
Conc: 17.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.003 min
Response: 2106888
Conc: 17.45 ug/ml



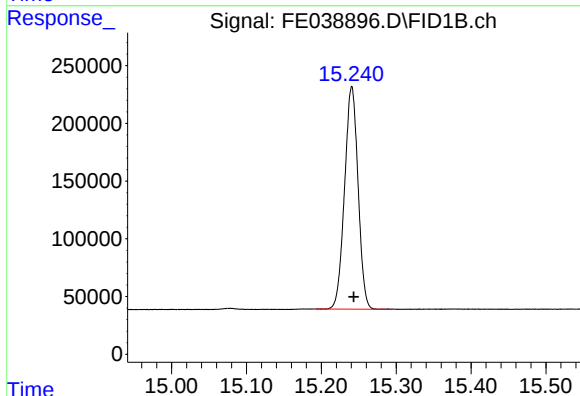
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.003 min
Response: 2450692
Conc: 17.53 ug/ml

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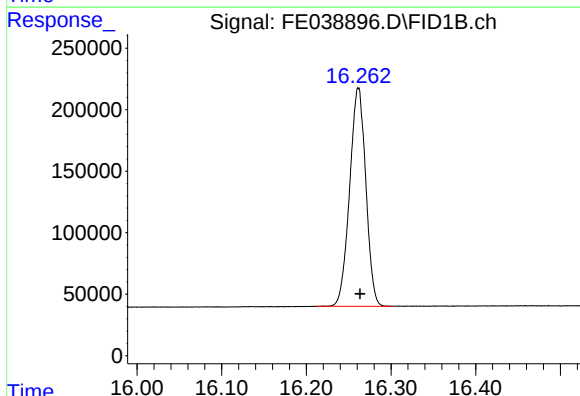
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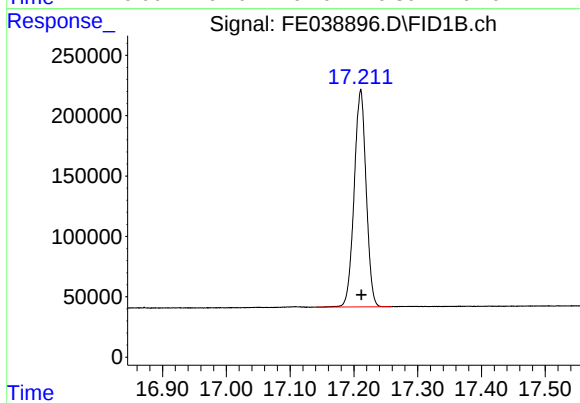
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.003 min
Response: 2417141
Conc: 17.50 ug/ml



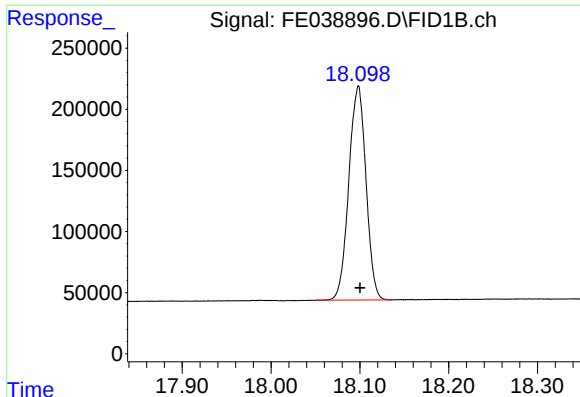
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.002 min
Response: 2356735
Conc: 17.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.001 min
Response: 2346447
Conc: 17.67 ug/ml



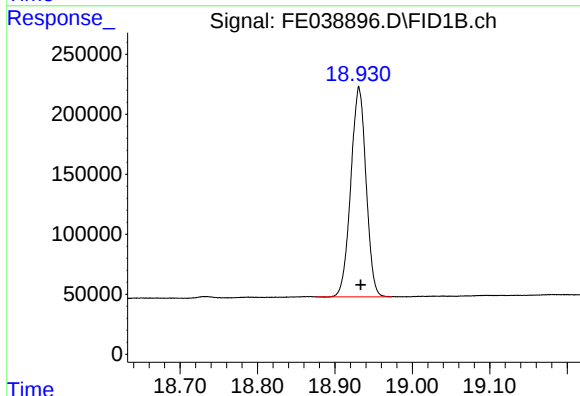
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 2353535
Conc: 17.82 ug/ml

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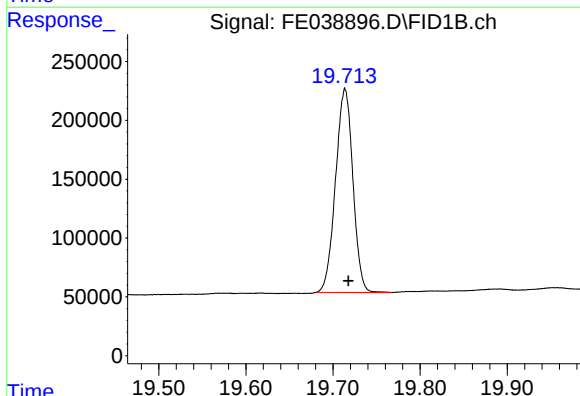
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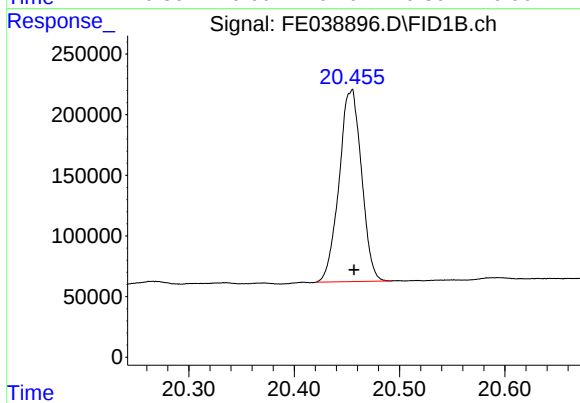
#18 n-Dotriacontane (C32)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 2395828
Conc: 17.96 ug/ml



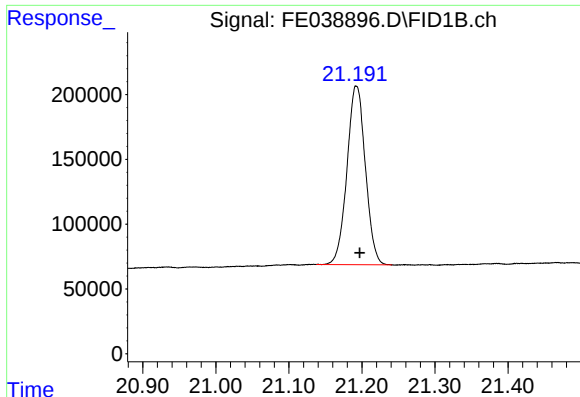
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 2395655
Conc: 18.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.002 min
Response: 2335900
Conc: 18.18 ug/ml



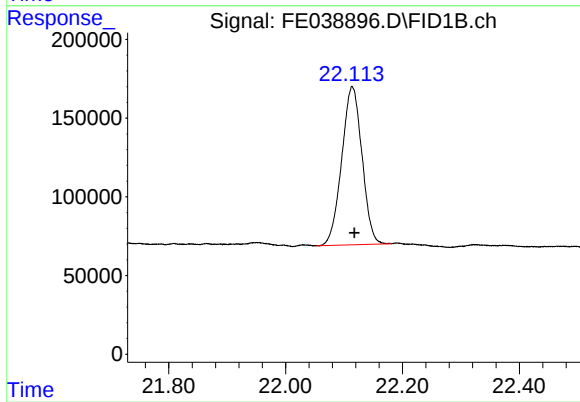
#21 n-Octatriacontane (C38)

R.T.: 21.191 min
Delta R.T.: -0.006 min
Response: 2411056
Conc: 18.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.004 min
Response: 2419145
Conc: 17.77 ug/ml