

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038787.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 22:20
 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 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:04:53 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)	11.961	2791877	16.225 ug/ml
Spiked Amount 50.000		Recovery =	32.45%
12) S 1-chlorooctadecane (S...	13.395	2180563	15.928 ug/ml
Spiked Amount 50.000		Recovery =	31.86%
Target Compounds			
1) T n-Nonane (C9)	3.355	2589616	16.814 ug/ml
2) T n-Decane (C10)	4.604	2663332	17.158 ug/ml
3) T A~Naphthalene (C11.7)	6.308	2884955	17.035 ug/ml
4) T n-Dodecane (C12)	6.767	2663475	17.050 ug/ml
5) T A~2-methylnaphthalene...	7.403	2811343	16.776 ug/ml
6) T n-Tetradecane (C14)	8.593	2655635	16.981 ug/ml
7) T n-Hexadecane (C16)	10.199	2668566	16.891 ug/ml
8) T n-Octadecane (C18)	11.641	2662287	16.621 ug/ml
10) T n-Eicosane (C20)	12.950	2622529	16.276 ug/ml
11) T n-Heneicosane (C21)	13.563	2596130	16.072 ug/ml
13) T n-Docosane (C22)	14.149	2589844	16.042 ug/ml
14) T n-Tetracosane (C24)	15.251	2559368	15.956 ug/ml
15) T n-Hexacosane (C26)	16.271	2518738	15.857 ug/ml
16) T n-Octacosane (C28)	17.221	2546136	16.229 ug/ml
17) T n-Tricontane (C30)	18.109	2732190	17.124 ug/mlm
18) T n-Dotriacontane (C32)	18.941	2862384	18.154 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2774917	18.823 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	2797098	19.576 ug/ml
21) T n-Octatriacontane (C38)	21.206	2810115	20.806 ug/mlm
22) T n-Tetracontane (C40)	22.133	2813664	22.290 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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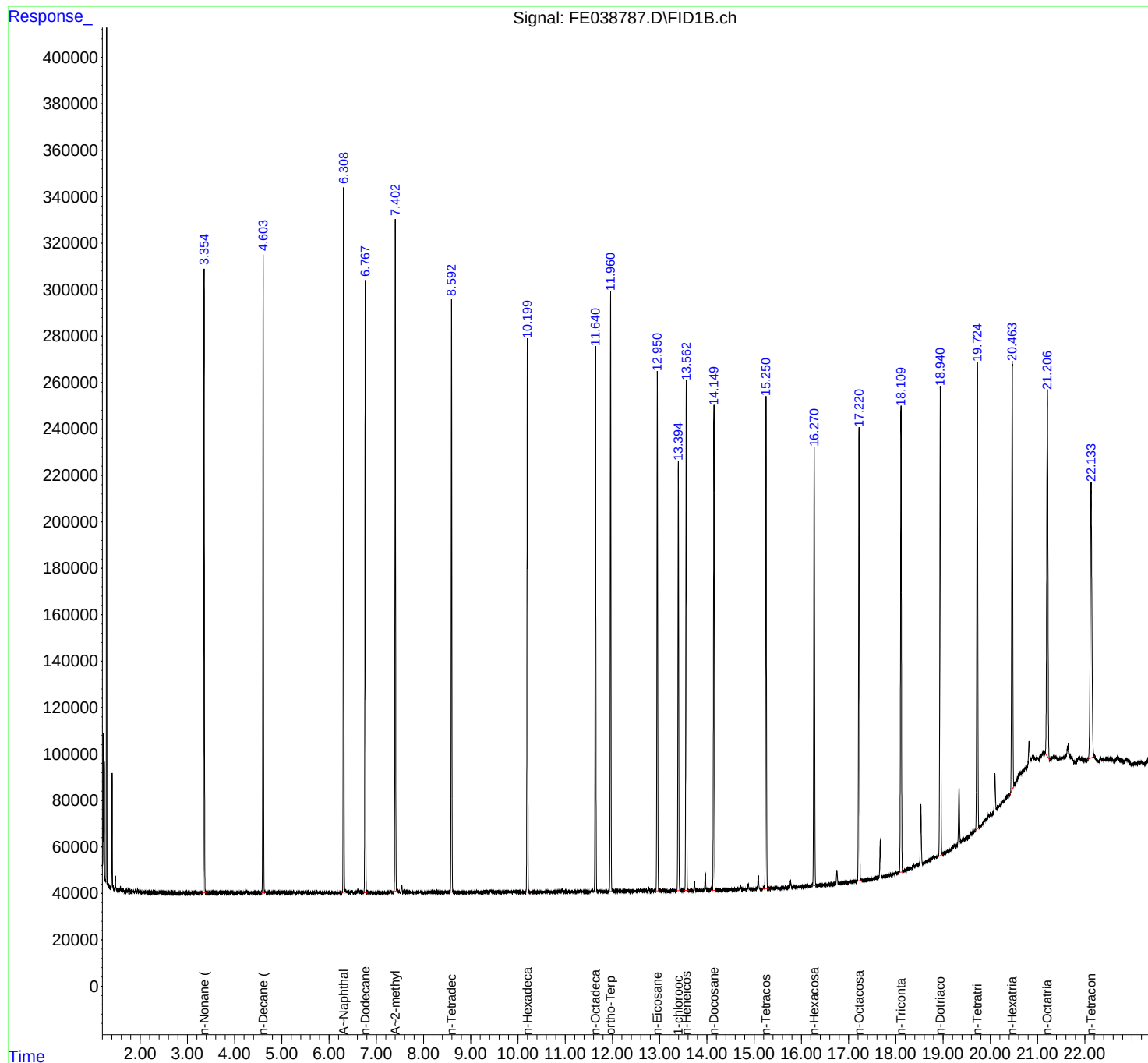
Instrument :
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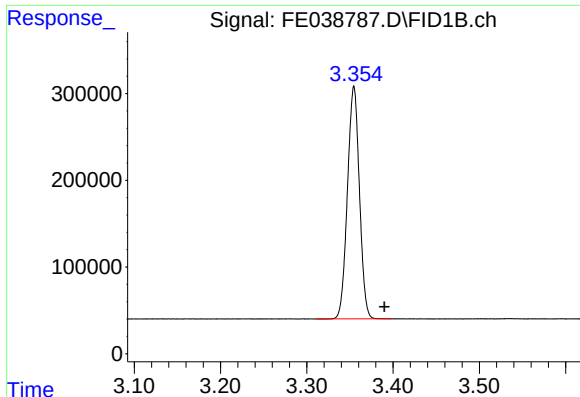
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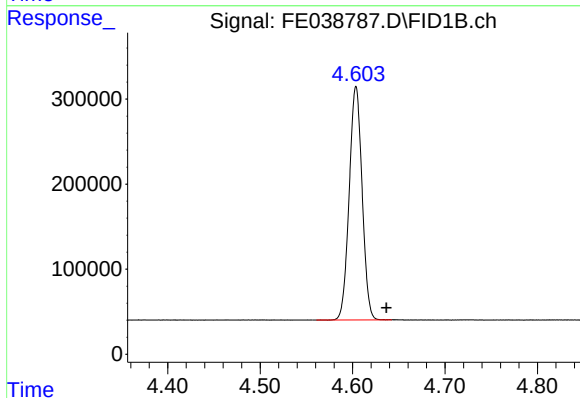
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.035 min
Response: 2589616
Conc: 16.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

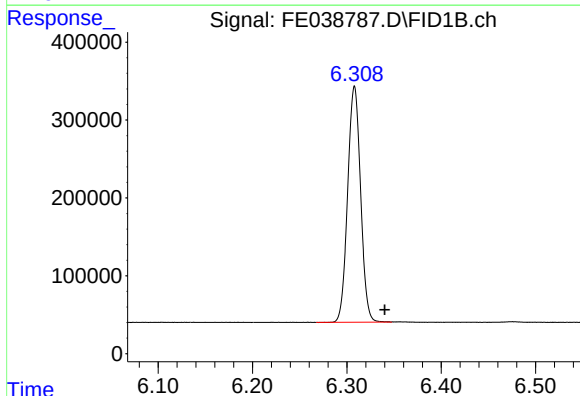
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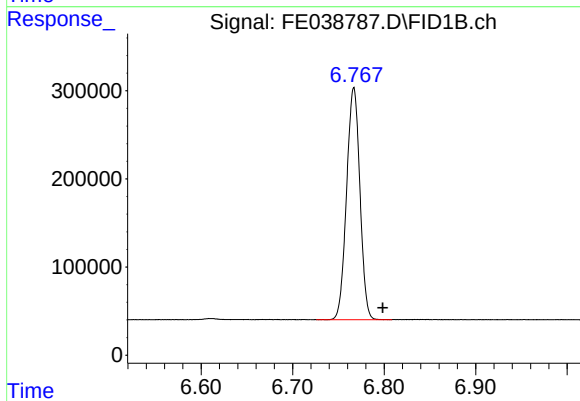
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.033 min
Response: 2663332
Conc: 17.16 ug/ml



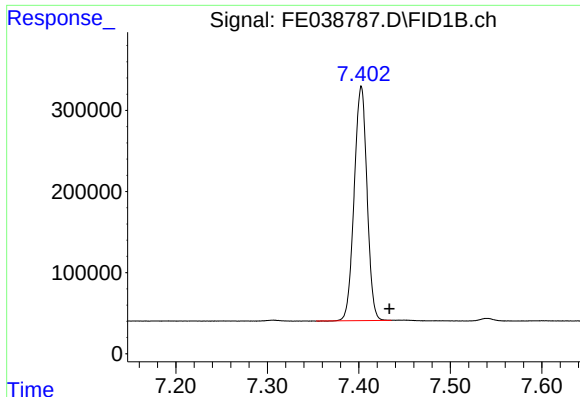
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: -0.032 min
Response: 2884955
Conc: 17.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.767 min
Delta R.T.: -0.031 min
Response: 2663475
Conc: 17.05 ug/ml



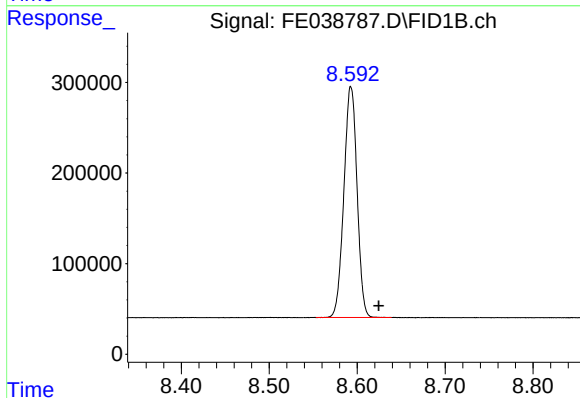
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.031 min
Response: 2811343
Conc: 16.78 ug/ml

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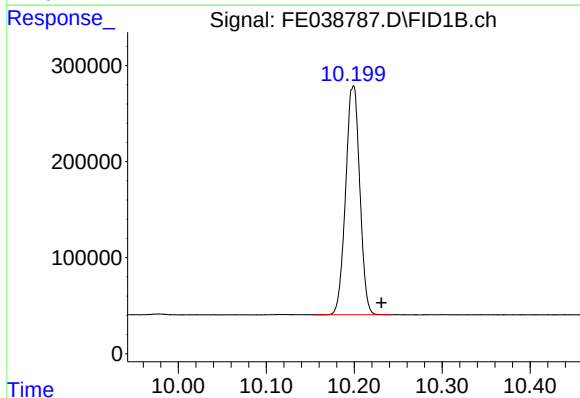
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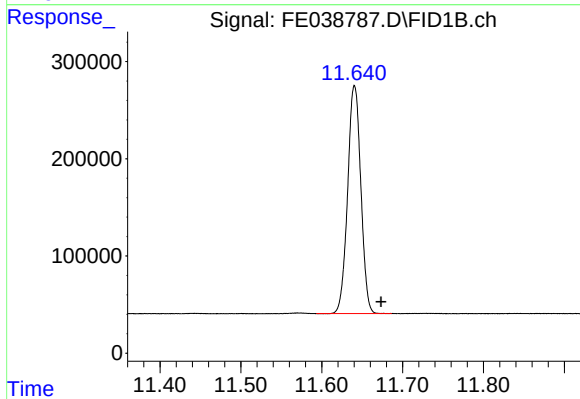
#6 n-Tetradecane (C14)

R.T.: 8.593 min
Delta R.T.: -0.031 min
Response: 2655635
Conc: 16.98 ug/ml



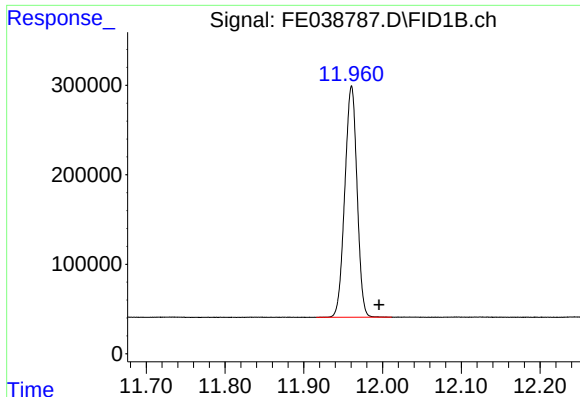
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.032 min
Response: 2668566
Conc: 16.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: -0.033 min
Response: 2662287
Conc: 16.62 ug/ml



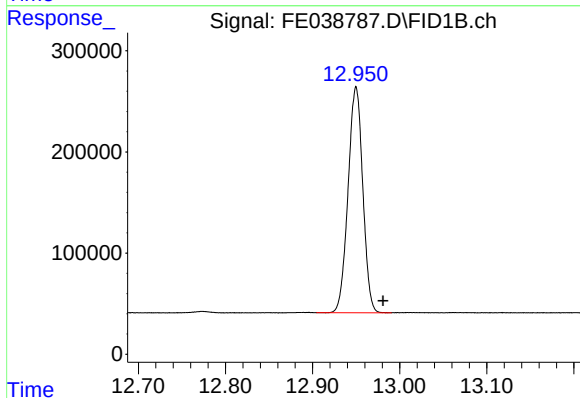
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.035 min
Response: 2791877
Conc: 16.23 ug/ml

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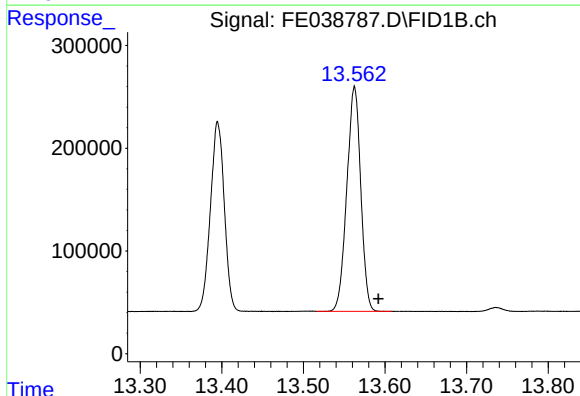
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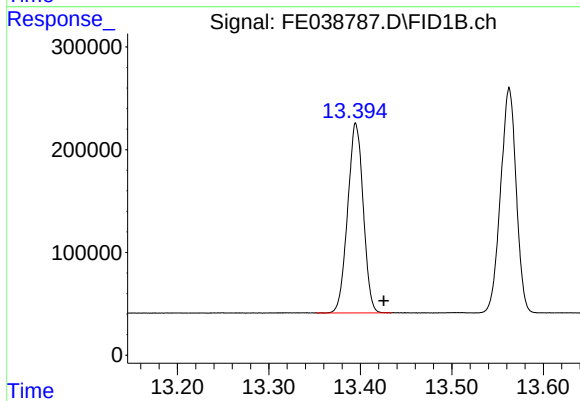
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 2622529
Conc: 16.28 ug/ml



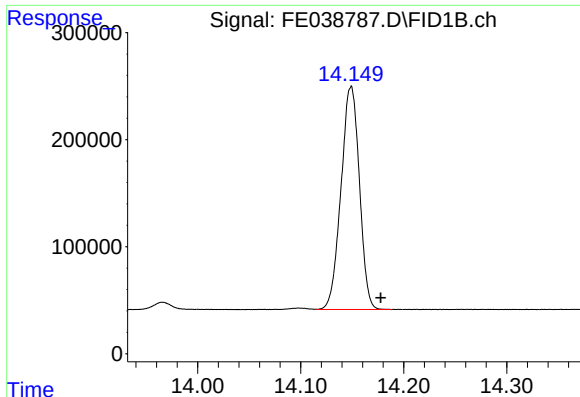
#11 n-Heneicosane (C21)

R.T.: 13.563 min
Delta R.T.: -0.029 min
Response: 2596130
Conc: 16.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.031 min
Response: 2180563
Conc: 15.93 ug/ml



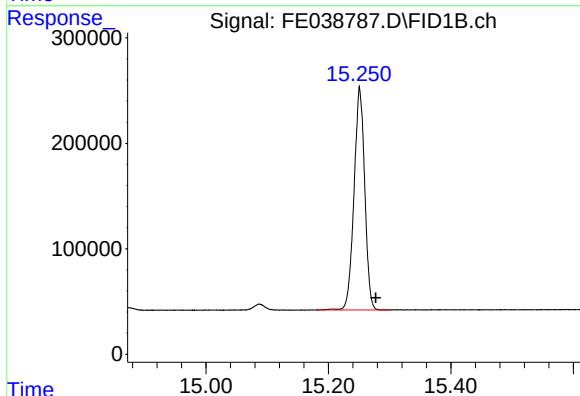
#13 n-Docosane (C22)

R.T.: 14.149 min
Delta R.T.: -0.029 min
Response: 2589844
Conc: 16.04 ug/ml

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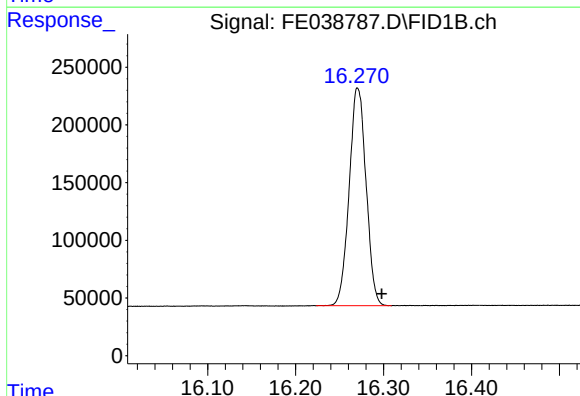
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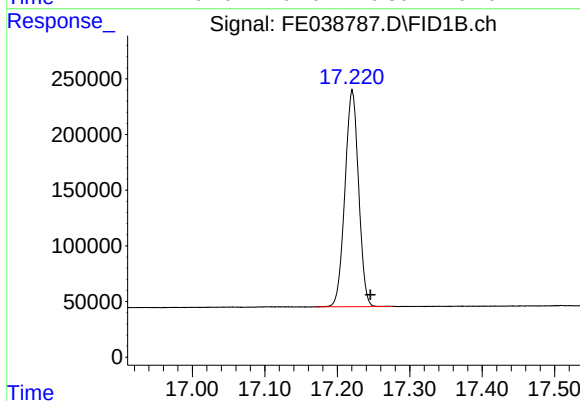
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: -0.026 min
Response: 2559368
Conc: 15.96 ug/ml



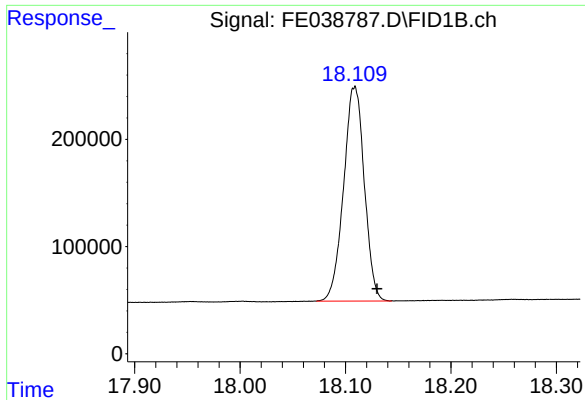
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.028 min
Response: 2518738
Conc: 15.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: -0.025 min
Response: 2546136
Conc: 16.23 ug/ml



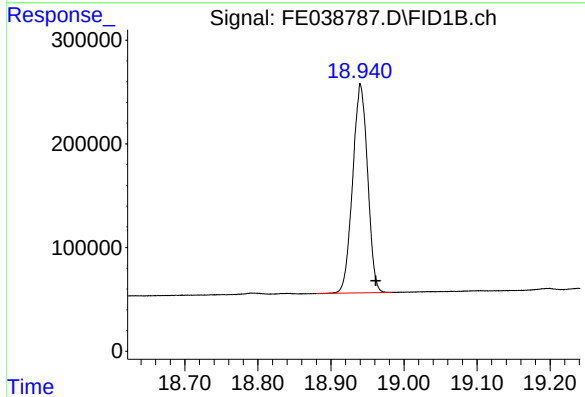
#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.021 min
Response: 2732190
Conc: 17.12 ug/ml

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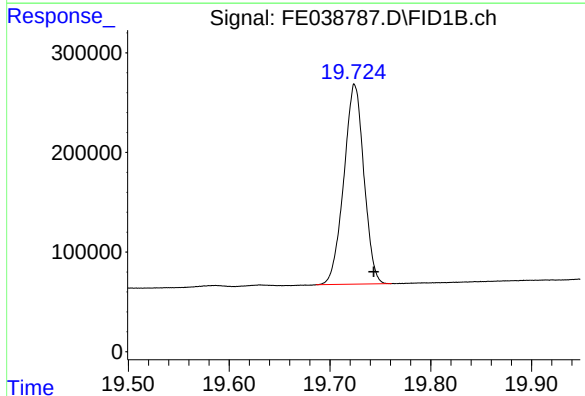
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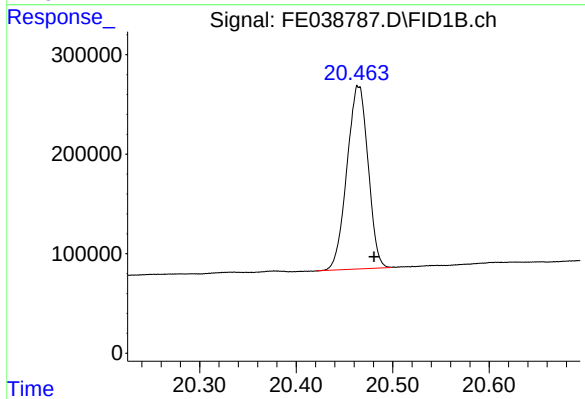
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 2862384
Conc: 18.15 ug/ml



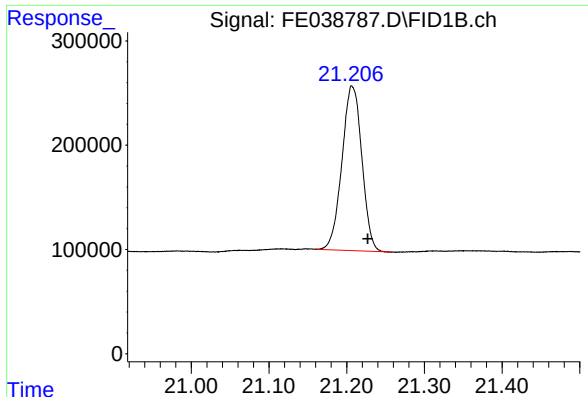
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 2774917
Conc: 18.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: -0.016 min
Response: 2797098
Conc: 19.58 ug/ml



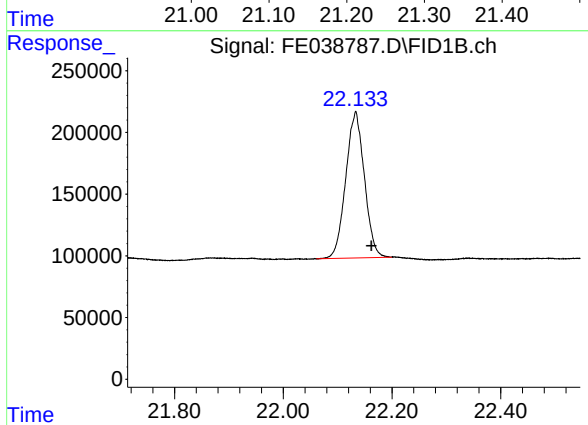
#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 2810115
Conc: 20.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.029 min
Response: 2813664
Conc: 22.29 ug/ml m