

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111122AL\
 Data File : FE038739.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2022 09:15
 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 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 09:57:32 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	3156336	18.343 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.395	2480032	18.115 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
Target Compounds			
1) T n-Nonane (C9)	3.358	2977691	19.334 ug/ml
2) T n-Decane (C10)	4.606	3046508	19.627 ug/ml
3) T A~Naphthalene (C11.7)	6.310	3272753	19.325 ug/ml
4) T n-Dodecane (C12)	6.768	3041125	19.467 ug/ml
5) T A~2-methylnaphthalene...	7.403	3197948	19.083 ug/ml
6) T n-Tetradecane (C14)	8.594	3012668	19.264 ug/ml
7) T n-Hexadecane (C16)	10.200	3010960	19.058 ug/ml
8) T n-Octadecane (C18)	11.642	2999756	18.727 ug/ml
10) T n-Eicosane (C20)	12.950	2956849	18.351 ug/ml
11) T n-Heneicosane (C21)	13.562	2931401	18.147 ug/ml
13) T n-Docosane (C22)	14.148	2926190	18.125 ug/ml
14) T n-Tetracosane (C24)	15.250	2898117	18.068 ug/ml
15) T n-Hexacosane (C26)	16.271	2844618	17.909 ug/ml
16) T n-Octacosane (C28)	17.220	2834681	18.068 ug/ml
17) T n-Tricontane (C30)	18.107	2952885	18.507 ug/mlm
18) T n-Dotriacontane (C32)	18.940	3032540	19.233 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2927054	19.855 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	2951598	20.657 ug/ml
21) T n-Octatriacontane (C38)	21.204	2902184	21.487 ug/ml
22) T n-Tetracontane (C40)	22.126	2892425	22.914 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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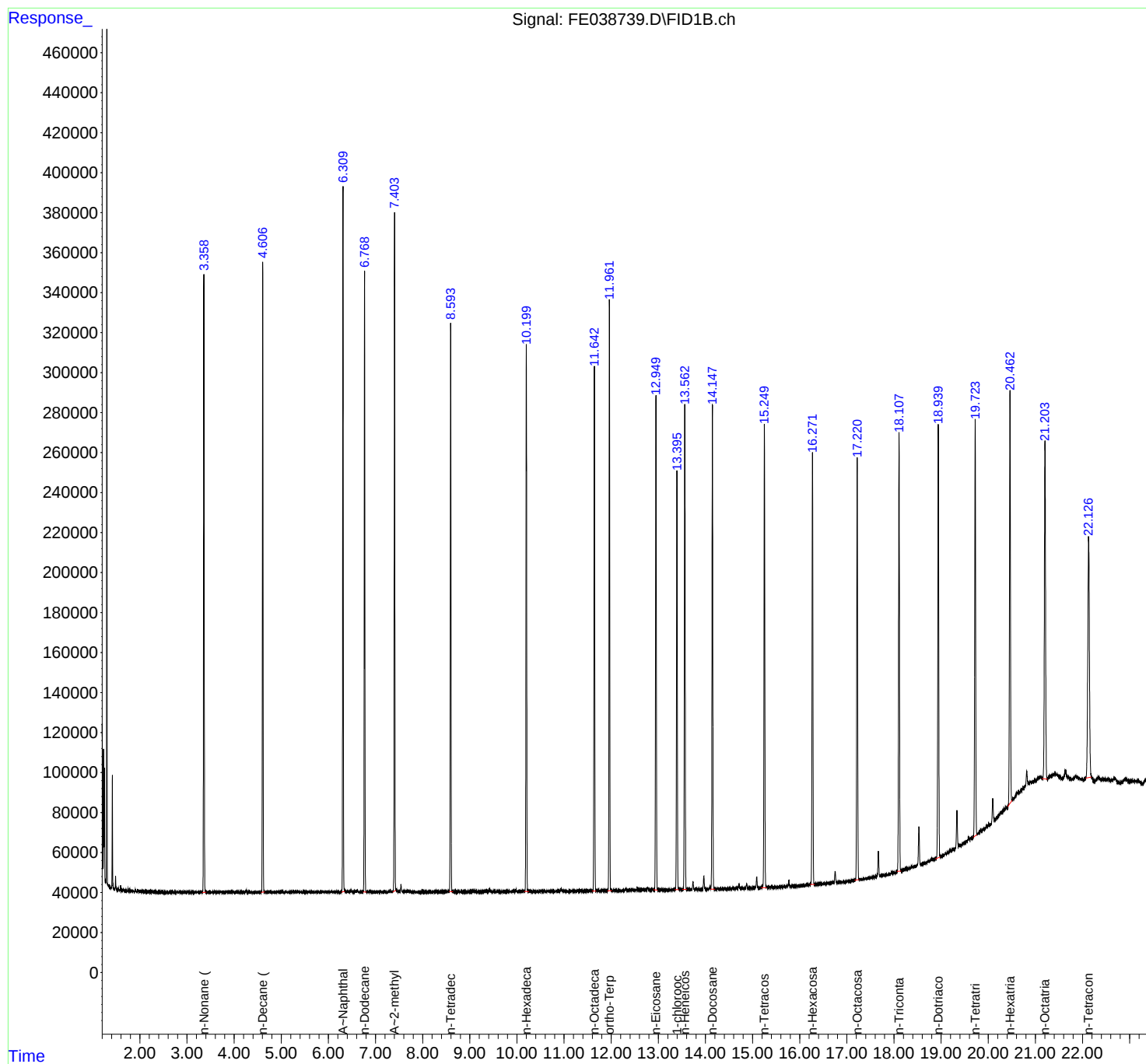
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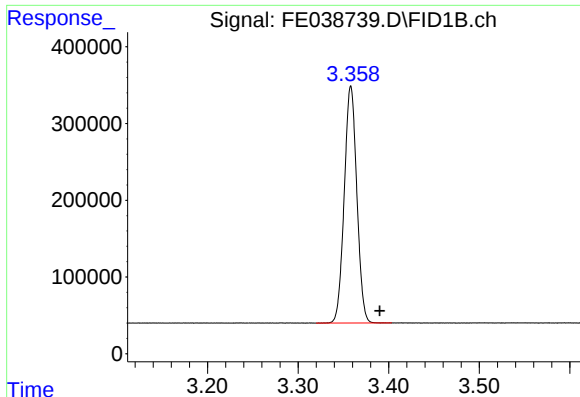
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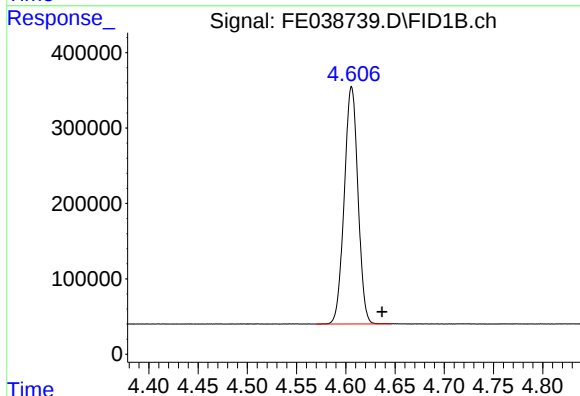
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.032 min
Response: 2977691
Conc: 19.33 ug/ml

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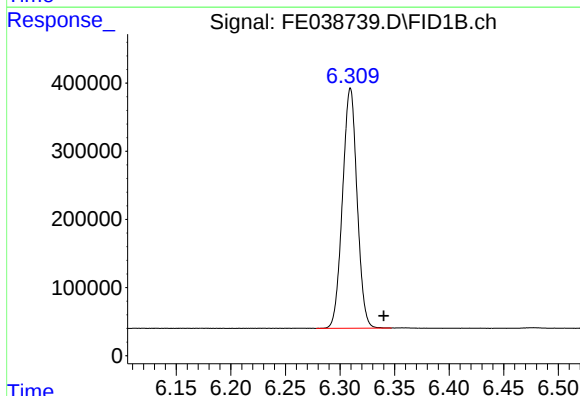
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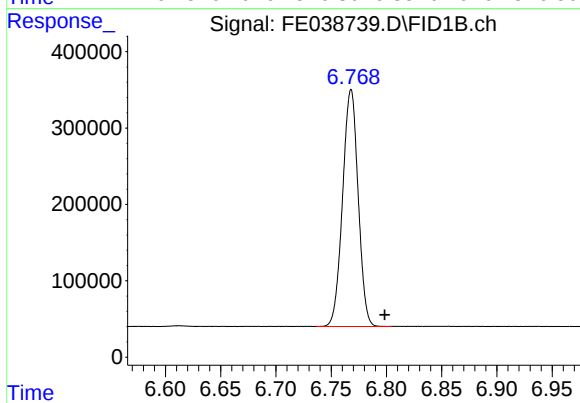
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: -0.031 min
Response: 3046508
Conc: 19.63 ug/ml



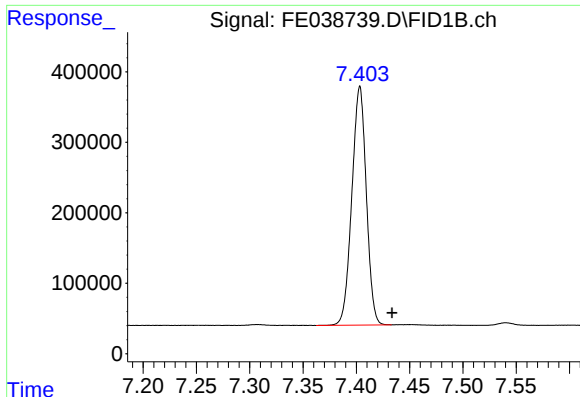
#3 A~Naphthalene (C11.7)

R.T.: 6.310 min
Delta R.T.: -0.031 min
Response: 3272753
Conc: 19.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.030 min
Response: 3041125
Conc: 19.47 ug/ml



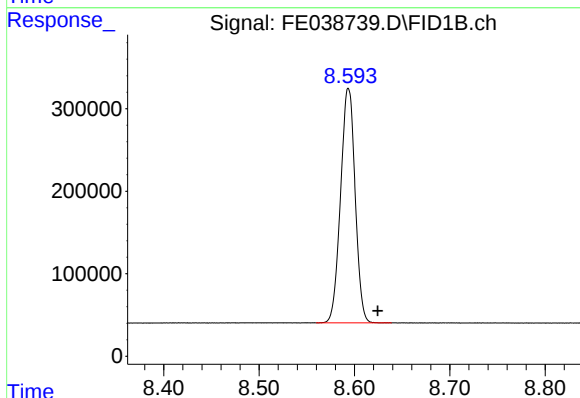
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.030 min
Response: 3197948
Conc: 19.08 ug/ml

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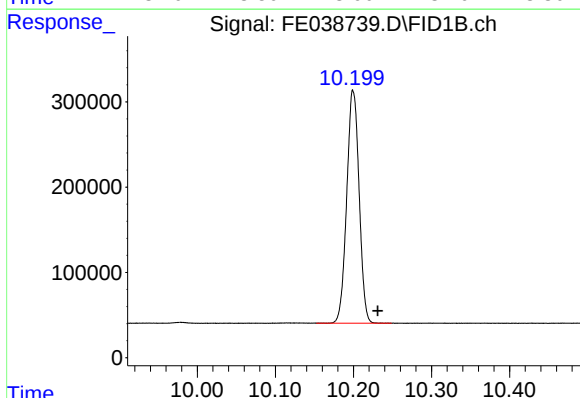
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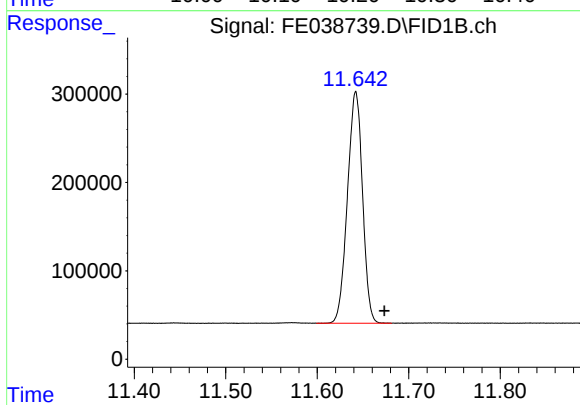
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.031 min
Response: 3012668
Conc: 19.26 ug/ml



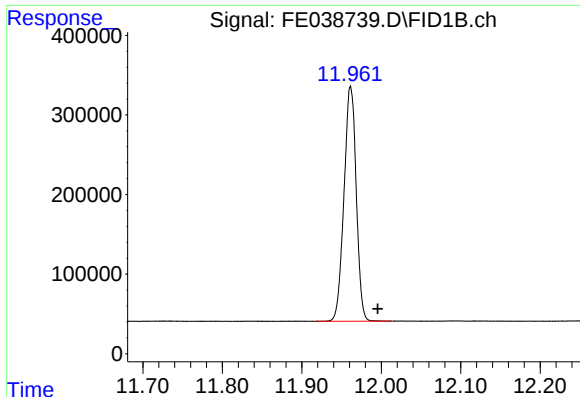
#7 n-Hexadecane (C16)

R.T.: 10.200 min
Delta R.T.: -0.031 min
Response: 3010960
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.642 min
Delta R.T.: -0.031 min
Response: 2999756
Conc: 18.73 ug/ml



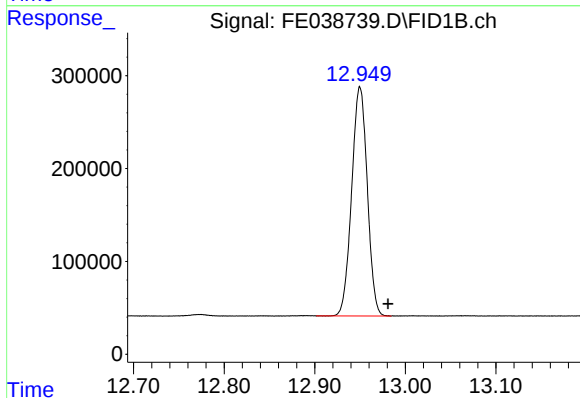
#9 ortho-Terphenyl (SURR)

R.T.: 11.961 min
Delta R.T.: -0.034 min
Response: 3156336
Conc: 18.34 ug/ml

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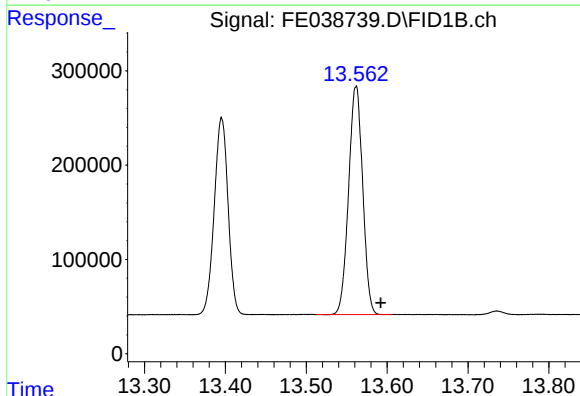
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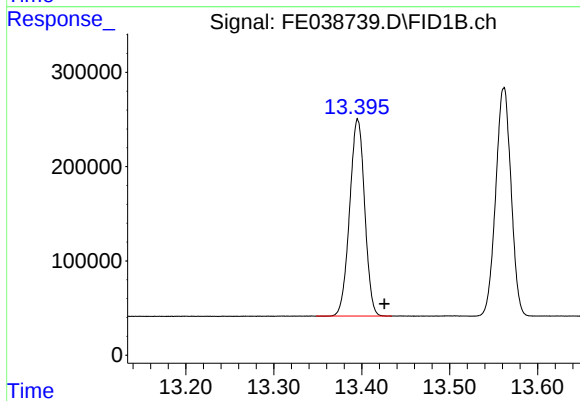
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.031 min
Response: 2956849
Conc: 18.35 ug/ml



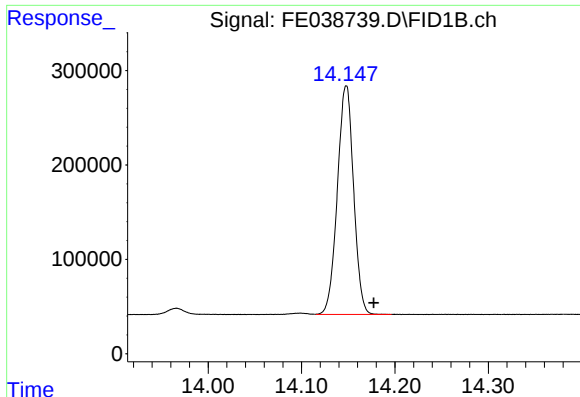
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.030 min
Response: 2931401
Conc: 18.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.030 min
Response: 2480032
Conc: 18.12 ug/ml



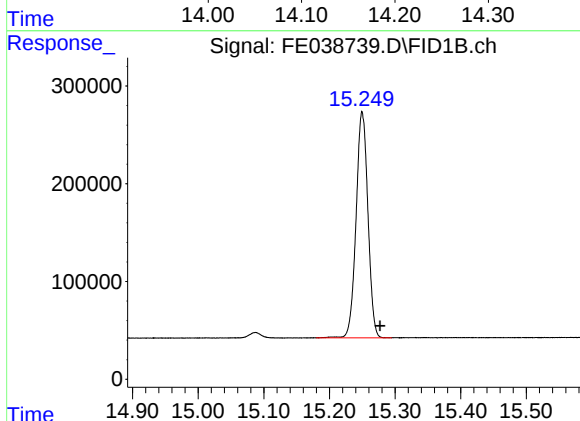
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.030 min
Response: 2926190
Conc: 18.13 ug/ml

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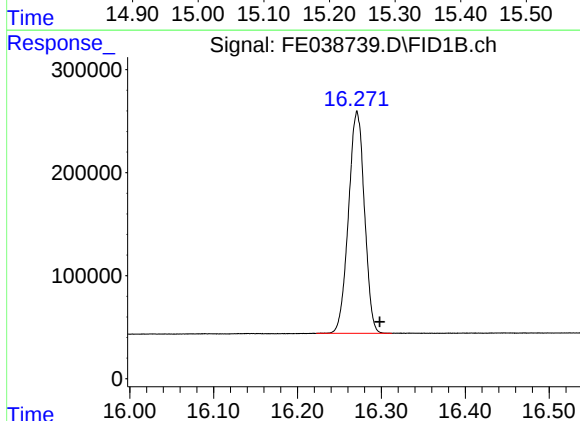
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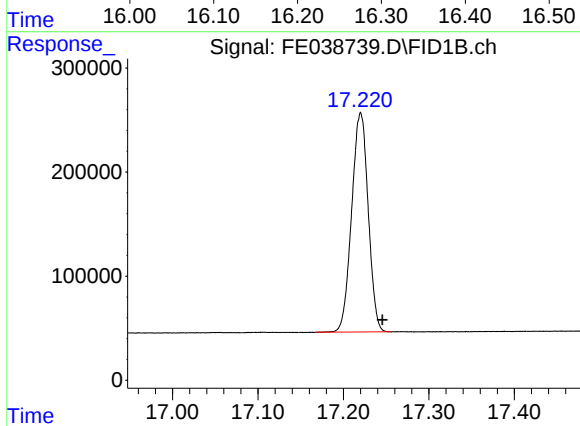
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.027 min
Response: 2898117
Conc: 18.07 ug/ml



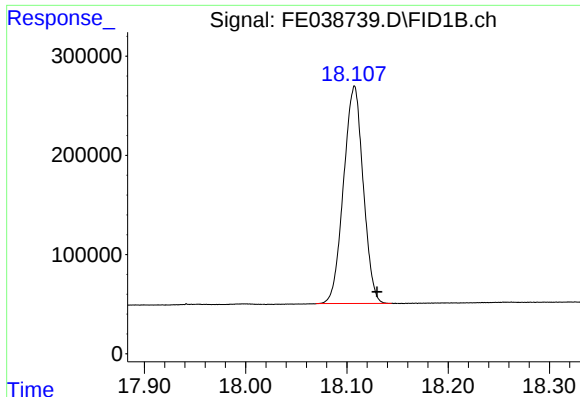
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.027 min
Response: 2844618
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 2834681
Conc: 18.07 ug/ml



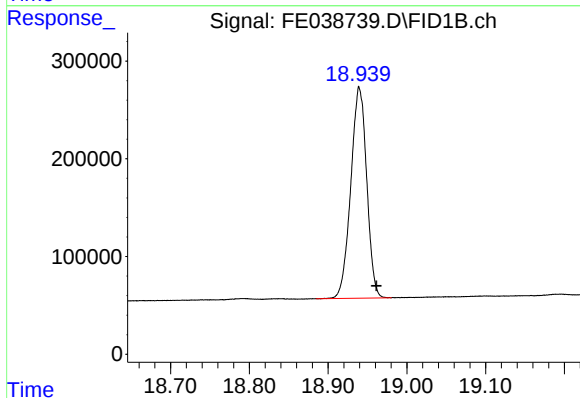
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.023 min
Response: 2952885
Conc: 18.51 ug/ml

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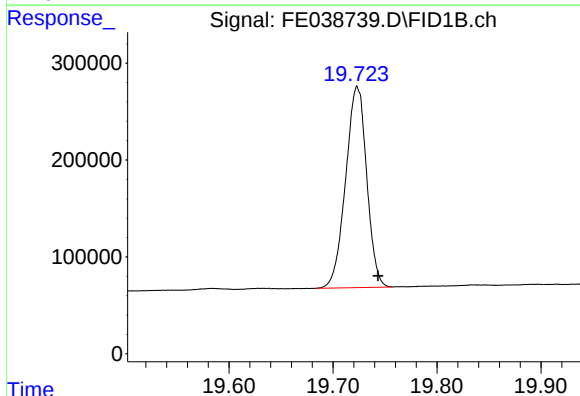
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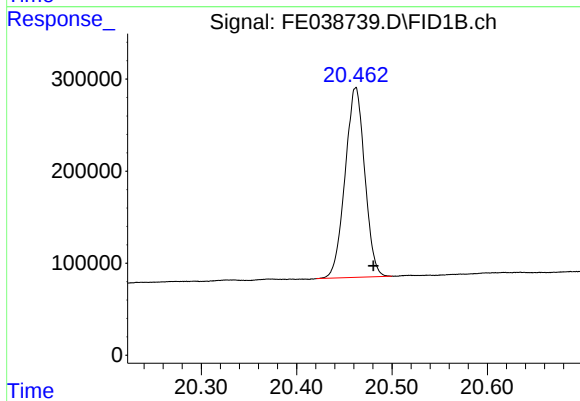
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.022 min
Response: 3032540
Conc: 19.23 ug/ml



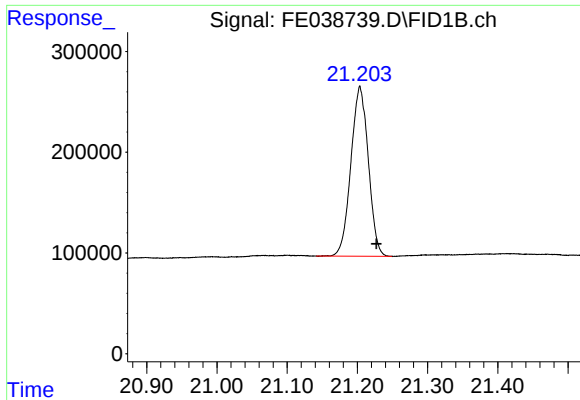
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.021 min
Response: 2927054
Conc: 19.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: -0.019 min
Response: 2951598
Conc: 20.66 ug/ml



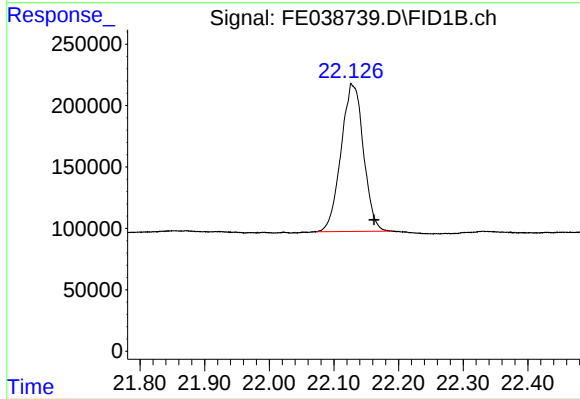
#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.023 min
Response: 2902184
Conc: 21.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.036 min
Response: 2892425
Conc: 22.91 ug/ml m