

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111822AL\
 Data File : FE038825.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2022 09:17
 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

Integration File: sample.E
 Quant Time: Nov 18 10:42:27 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)	11.959	3508586	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	13.393	2740876	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T n-Nonane (C9)	3.354	3338093	21.674 ug/ml
2) T n-Decane (C10)	4.602	3359062	21.640 ug/ml
3) T A~Naphthalene (C11.7)	6.305	3629448	21.431 ug/ml
4) T n-Dodecane (C12)	6.765	3370085	21.573 ug/ml
5) T A~2-methylnaphthalene...	7.400	3527065	21.046 ug/ml
6) T n-Tetradecane (C14)	8.591	3333575	21.316 ug/ml
7) T n-Hexadecane (C16)	10.198	3336843	21.121 ug/ml
8) T n-Octadecane (C18)	11.640	3337336	20.835 ug/ml
10) T n-Eicosane (C20)	12.948	3287142	20.401 ug/ml
11) T n-Heneicosane (C21)	13.560	3263136	20.201 ug/ml
13) T n-Docosane (C22)	14.146	3236516	20.048 ug/ml
14) T n-Tetracosane (C24)	15.249	3167804	19.750 ug/ml
15) T n-Hexacosane (C26)	16.270	3109432	19.576 ug/ml
16) T n-Octacosane (C28)	17.220	3045642	19.413 ug/ml
17) T n-Tricontane (C30)	18.106	3074676	19.270 ug/ml
18) T n-Dotriacontane (C32)	18.939	3076288	19.511 ug/ml
19) T n-Tetratriacontane (C34)	19.723	3012415	20.434 ug/ml
20) T n-Hexatriacontane (C36)	20.462	3083068	21.577 ug/ml
21) T n-Octatriacontane (C38)	21.206	3195416	23.659 ug/ml
22) T n-Tetracontane (C40)	22.129	3115539	24.681 ug/ml

(f)=RT Delta > 1/2 Window

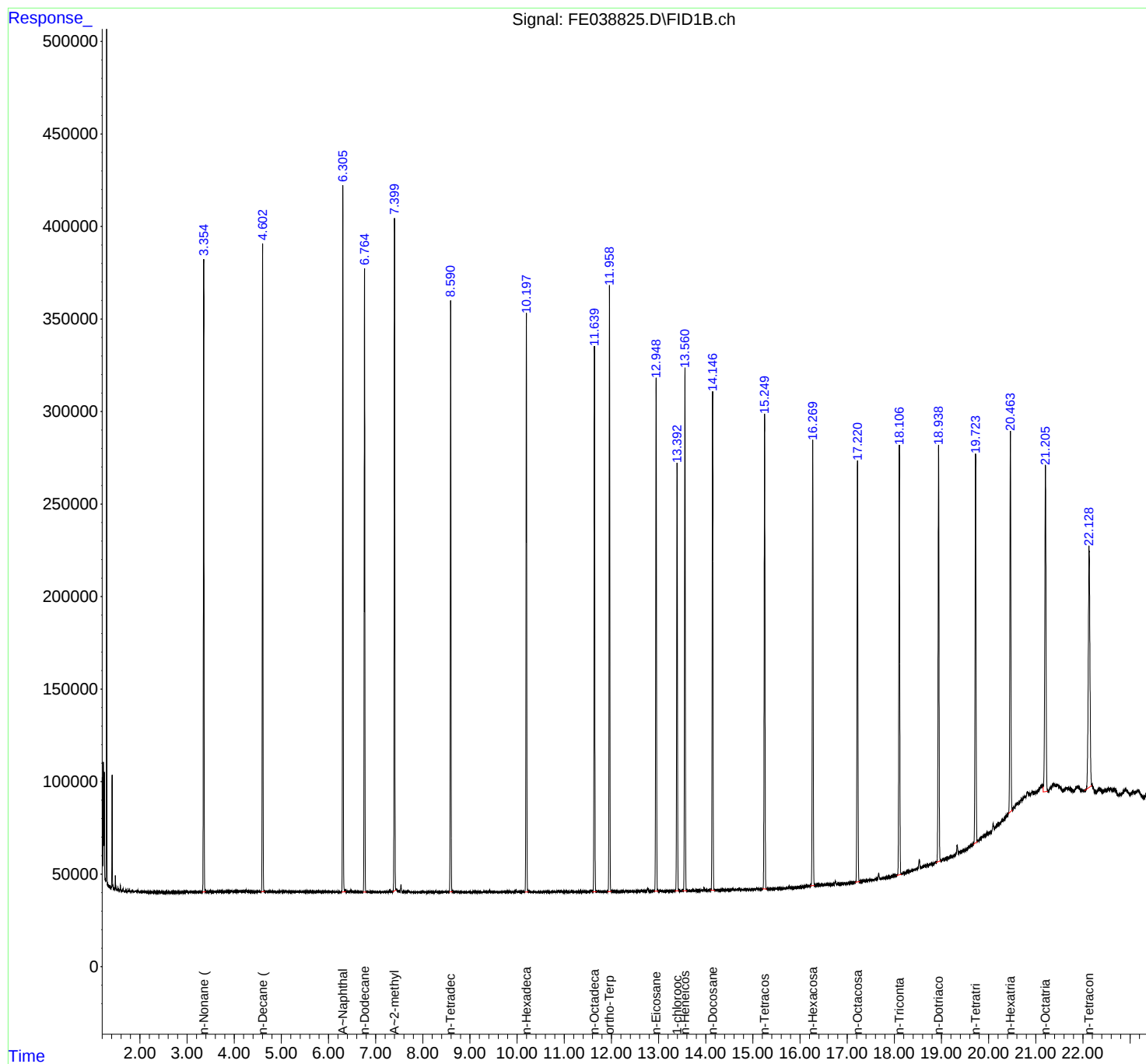
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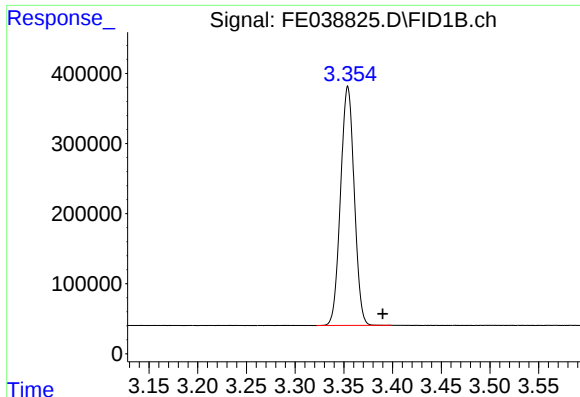
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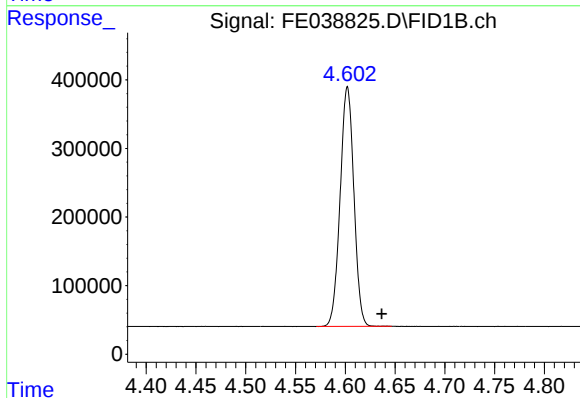




#1 n-Nonane (C9)

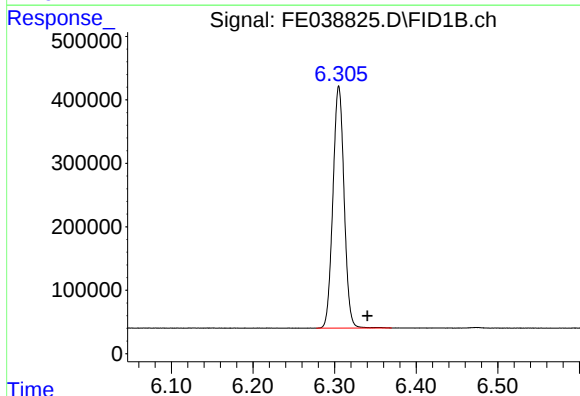
R.T.: 3.354 min
Delta R.T.: -0.036 min
Response: 3338093
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



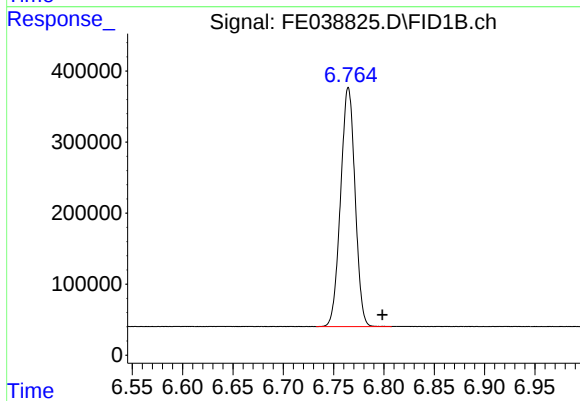
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.035 min
Response: 3359062
Conc: 21.64 ug/ml



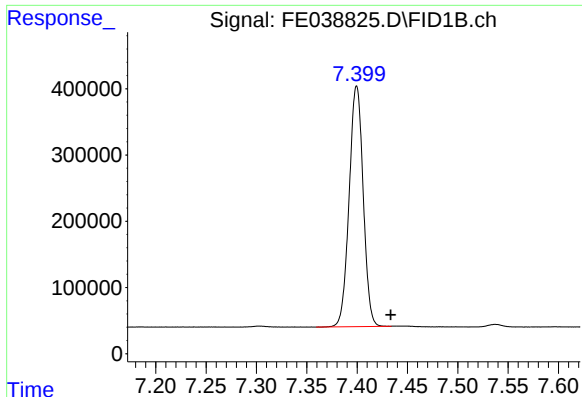
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.035 min
Response: 3629448
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

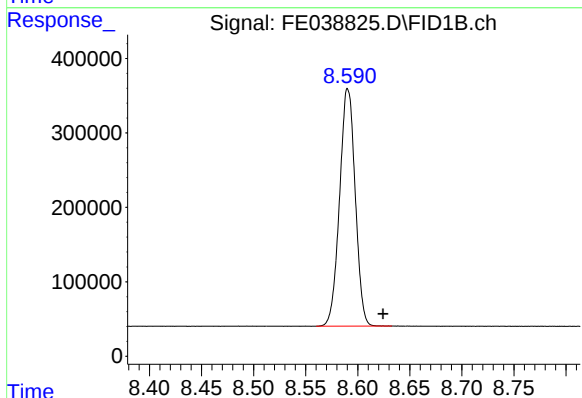
R.T.: 6.765 min
Delta R.T.: -0.034 min
Response: 3370085
Conc: 21.57 ug/ml



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

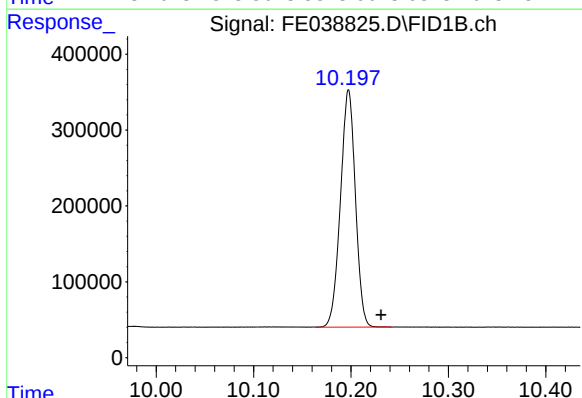
R.T.: 7.400 min
Delta R.T.: -0.034 min
Response: 3527065
Conc: 21.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



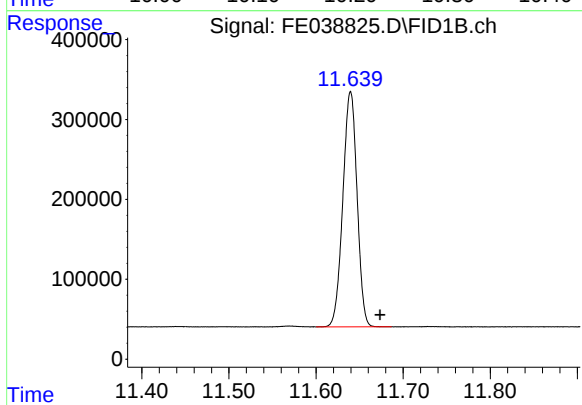
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.034 min
Response: 3333575
Conc: 21.32 ug/ml



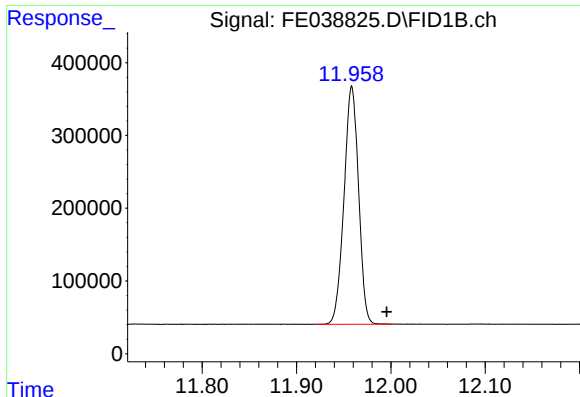
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.033 min
Response: 3336843
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

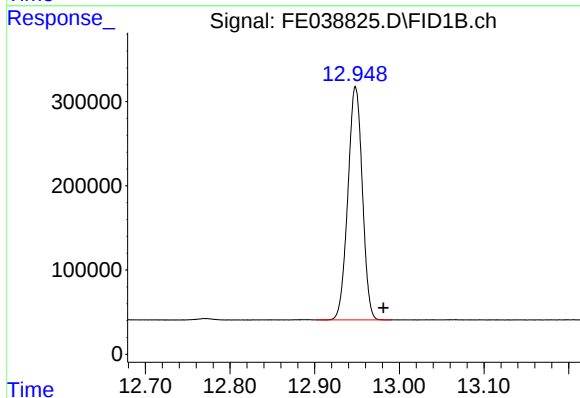
R.T.: 11.640 min
Delta R.T.: -0.034 min
Response: 3337336
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

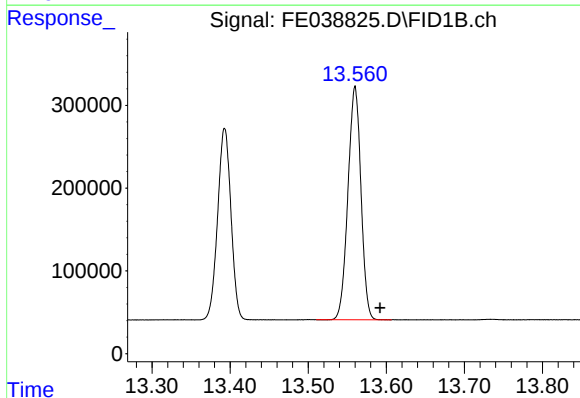
R.T.: 11.959 min
Delta R.T.: -0.037 min
Response: 3508586
Conc: 20.39 ug/ml

Instrument :
FID_E
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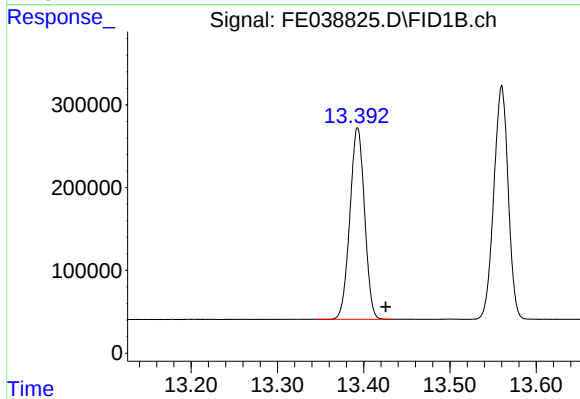
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.033 min
Response: 3287142
Conc: 20.40 ug/ml



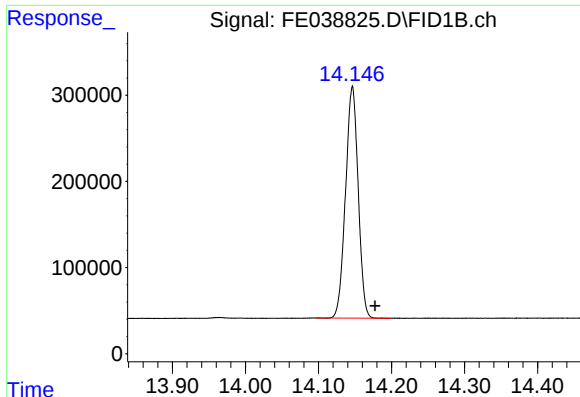
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.032 min
Response: 3263136
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

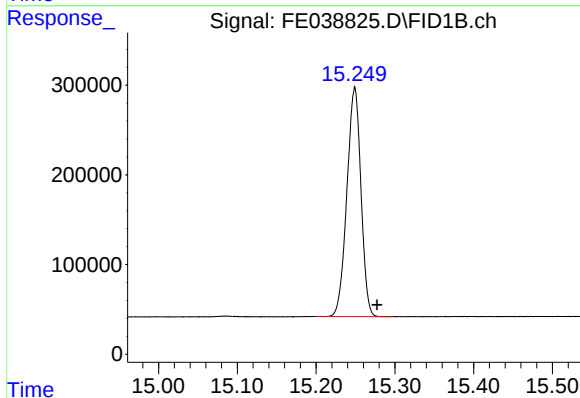
R.T.: 13.393 min
Delta R.T.: -0.033 min
Response: 2740876
Conc: 20.02 ug/ml



#13 n-Docosane (C22)

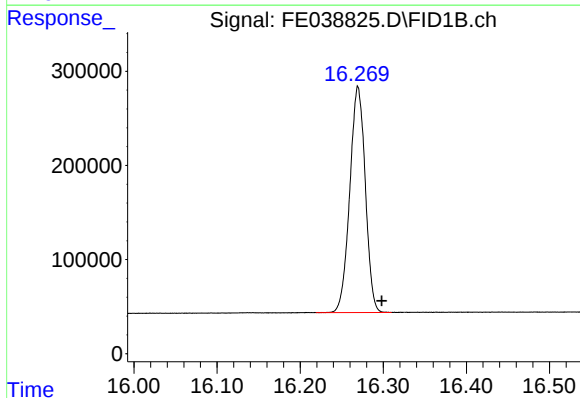
R.T.: 14.146 min
Delta R.T.: -0.031 min
Response: 3236516
Conc: 20.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



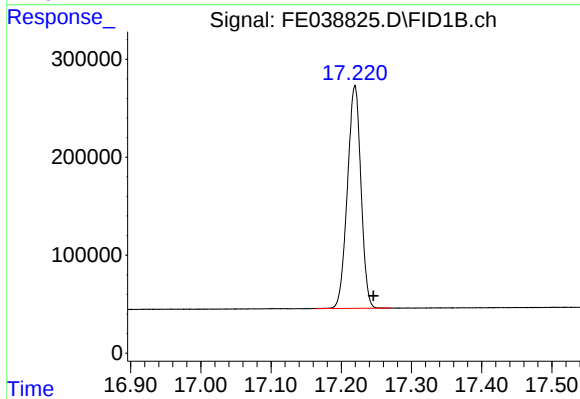
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.028 min
Response: 3167804
Conc: 19.75 ug/ml



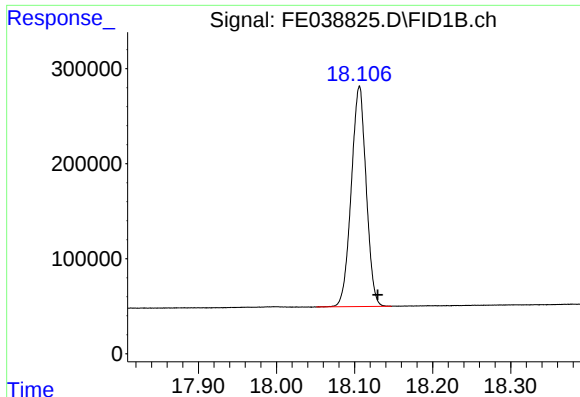
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.029 min
Response: 3109432
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

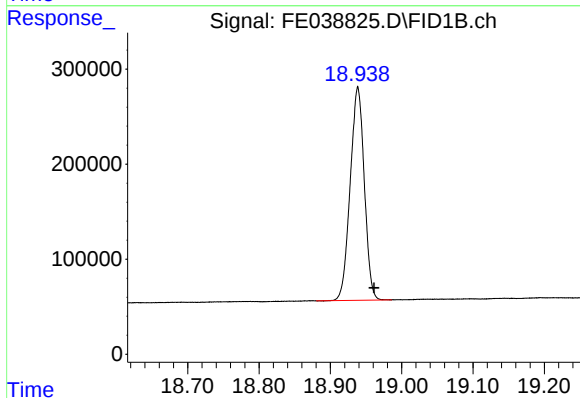
R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 3045642
Conc: 19.41 ug/ml



#17 n-Tricontane (C30)

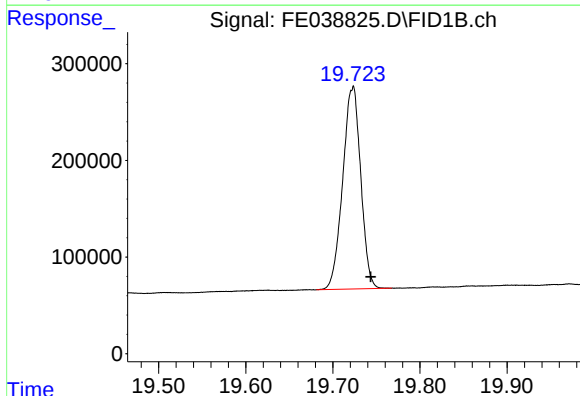
R.T.: 18.106 min
Delta R.T.: -0.023 min
Response: 3074676
Conc: 19.27 ug/ml

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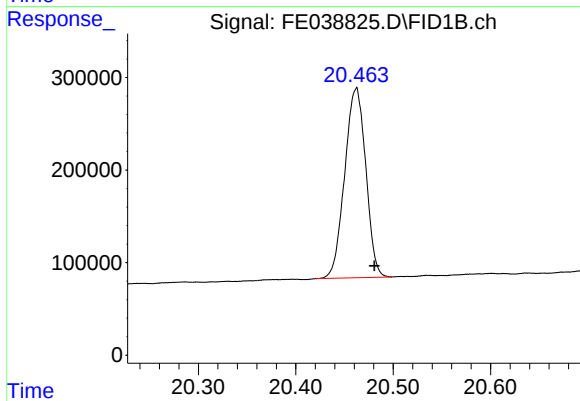
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.023 min
Response: 3076288
Conc: 19.51 ug/ml



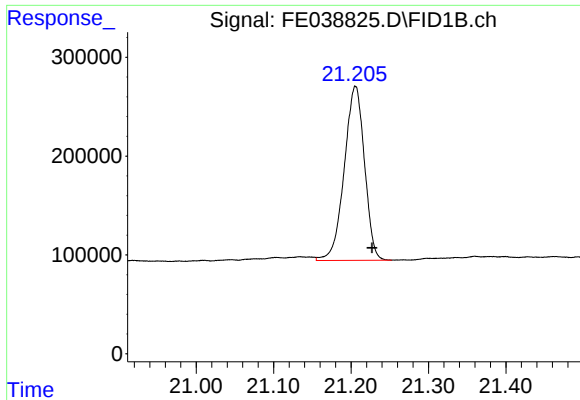
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: -0.020 min
Response: 3012415
Conc: 20.43 ug/ml



#20 n-Hexatriacontane (C36)

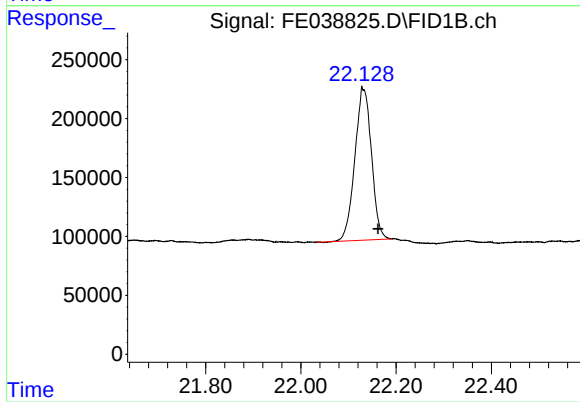
R.T.: 20.462 min
Delta R.T.: -0.019 min
Response: 3083068
Conc: 21.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 3195416
Conc: 23.66 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.033 min
Response: 3115539
Conc: 24.68 ug/ml