

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063023AL\
 Data File : FE043010.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jun 2023 10:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 01 04:14:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.907	3435084	18.699 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	13.345	2541254	18.673 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.282	2768806	17.925 ug/ml
2) T n-Decane (C10)	4.535	2930621	18.553 ug/ml
3) T A~Naphthalene (C11.7)	6.246	3143343	18.564 ug/ml
4) T n-Dodecane (C12)	6.707	2985029	18.649 ug/ml
5) T A~2-methylnaphthalene...	7.344	3008253	18.554 ug/ml
6) T n-Tetradecane (C14)	8.536	2977673	18.710 ug/ml
7) T n-Hexadecane (C16)	10.146	3111739	18.894 ug/ml
8) T n-Octadecane (C18)	11.589	3147717	18.937 ug/ml
10) T n-Eicosane (C20)	12.899	2994954	18.874 ug/ml
11) T n-Heneicosane (C21)	13.511	2917981	18.861 ug/ml
13) T n-Docosane (C22)	14.098	2860963	18.781 ug/ml
14) T n-Tetracosane (C24)	15.201	2818945	18.999 ug/ml
15) T n-Hexacosane (C26)	16.222	2741507	19.177 ug/ml
16) T n-Octacosane (C28)	17.171	2784527	20.076 ug/ml
17) T n-Tricontane (C30)	18.060	3135764	22.172 ug/ml
18) T n-Dotriacontane (C32)	18.893	3243698	23.126 ug/ml
19) T n-Tetratriacontane (C34)	19.677	3059894	22.360 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2867799	21.444 ug/mlm
21) T n-Octatriacontane (C38)	21.157	2850933	20.910 ug/ml
22) T n-Tetracontane (C40)	22.074	2872680	20.648 ug/ml

(f)=RT Delta > 1/2 Window

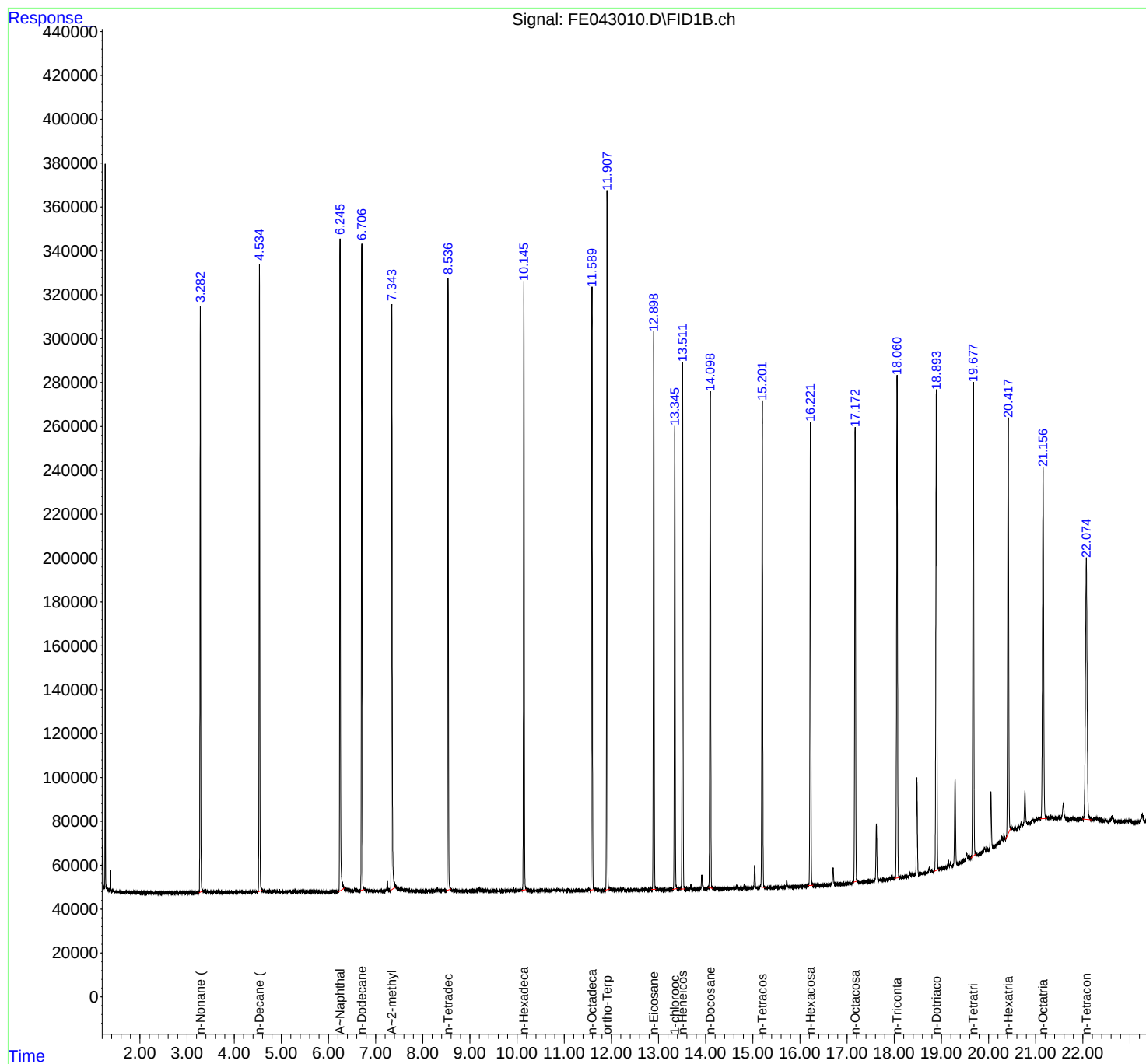
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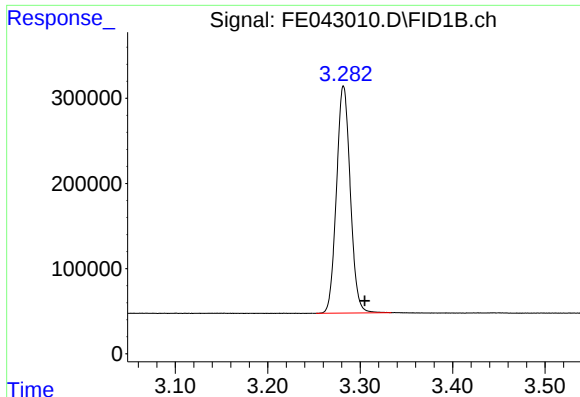
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063023AL\
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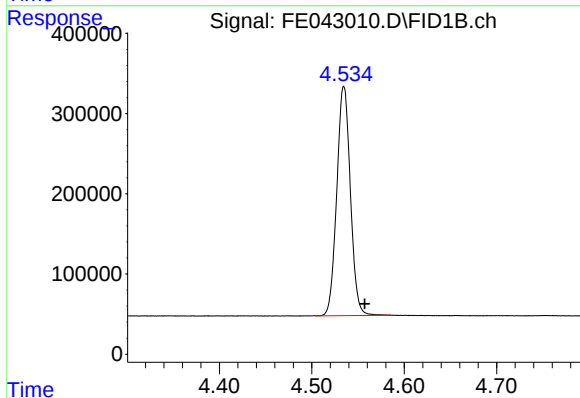




#1 n-Nonane (C9)

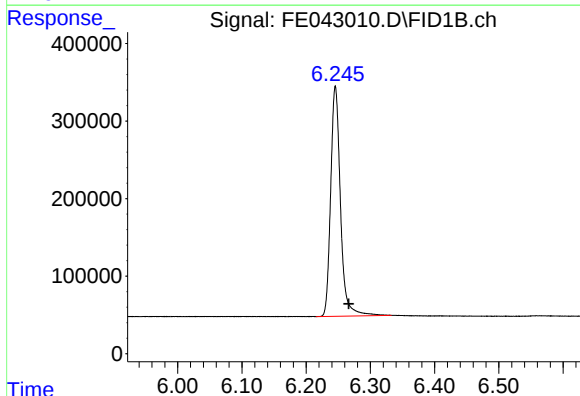
R.T.: 3.282 min
Delta R.T.: -0.023 min
Response: 2768806
Conc: 17.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



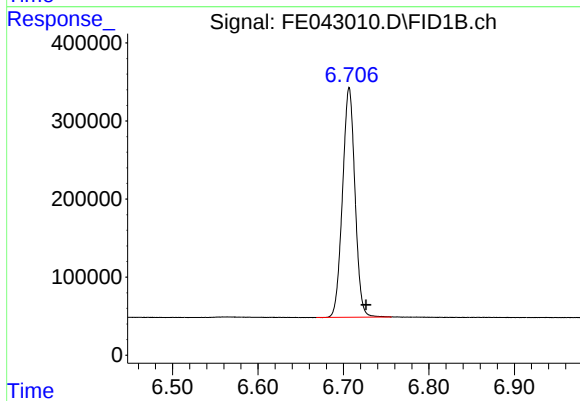
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.022 min
Response: 2930621
Conc: 18.55 ug/ml



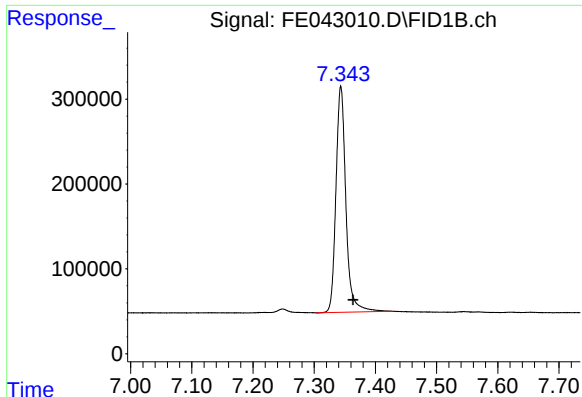
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: -0.021 min
Response: 3143343
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

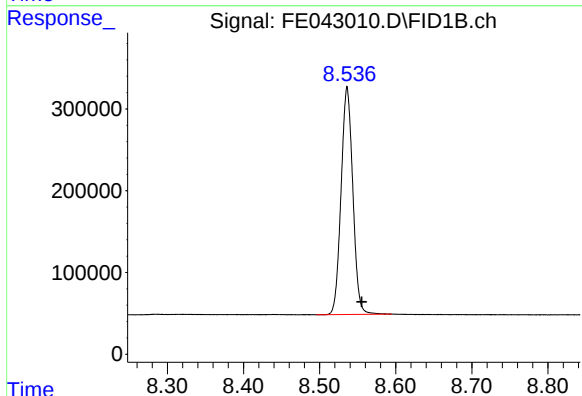
R.T.: 6.707 min
Delta R.T.: -0.020 min
Response: 2985029
Conc: 18.65 ug/ml



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

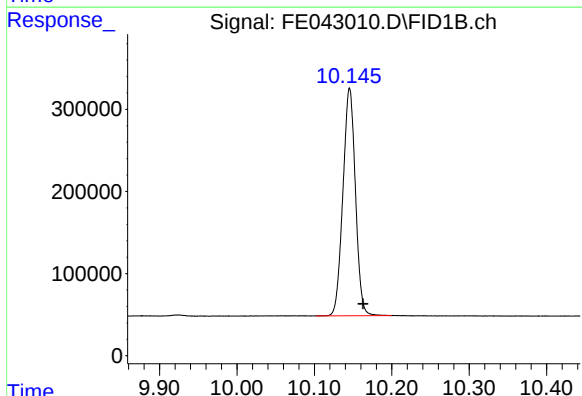
R.T.: 7.344 min
Delta R.T.: -0.020 min
Response: 3008253
Conc: 18.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



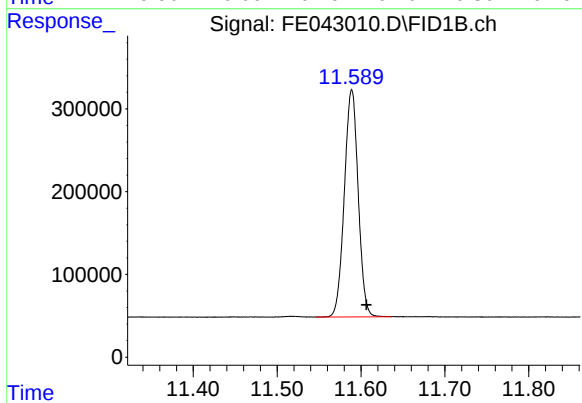
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.019 min
Response: 2977673
Conc: 18.71 ug/ml



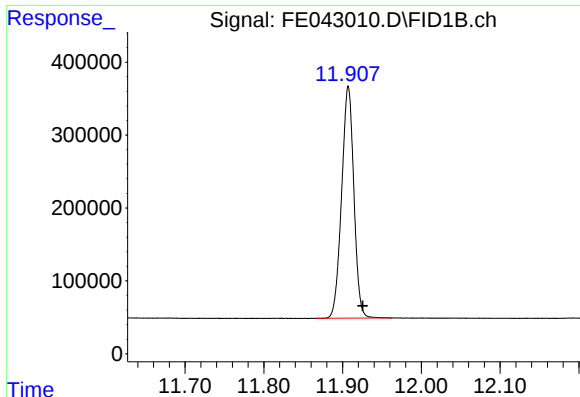
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.018 min
Response: 3111739
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

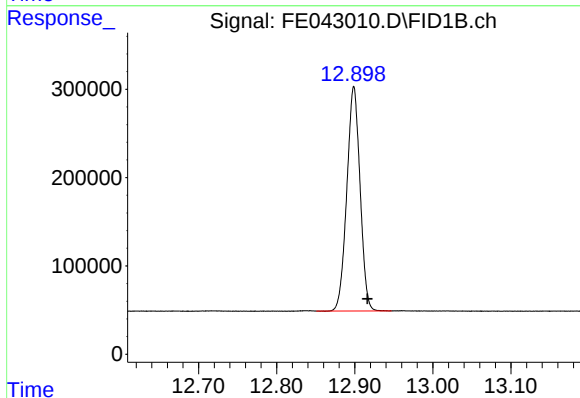
R.T.: 11.589 min
Delta R.T.: -0.018 min
Response: 3147717
Conc: 18.94 ug/ml



#9 ortho-Terphenyl (SURR)

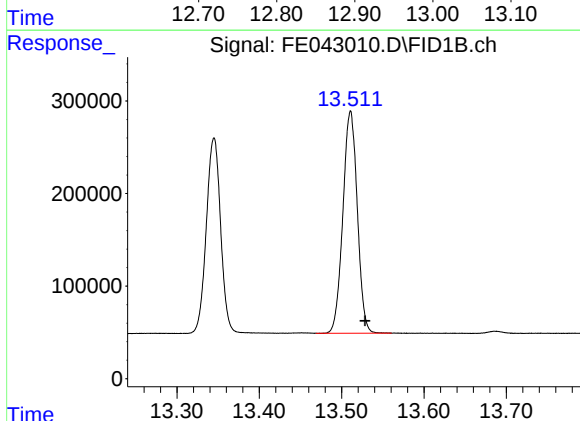
R.T.: 11.907 min
Delta R.T.: -0.018 min
Response: 3435084
Conc: 18.70 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



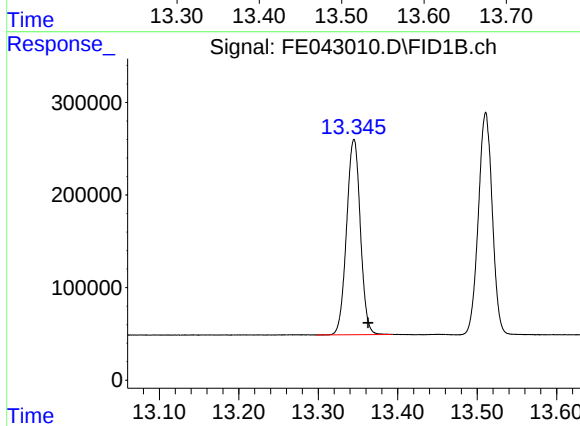
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.017 min
Response: 2994954
Conc: 18.87 ug/ml



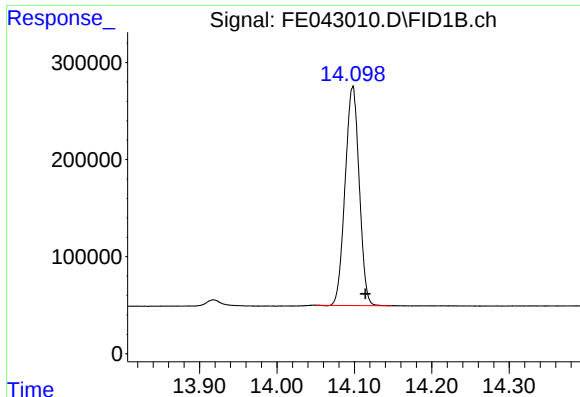
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.018 min
Response: 2917981
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

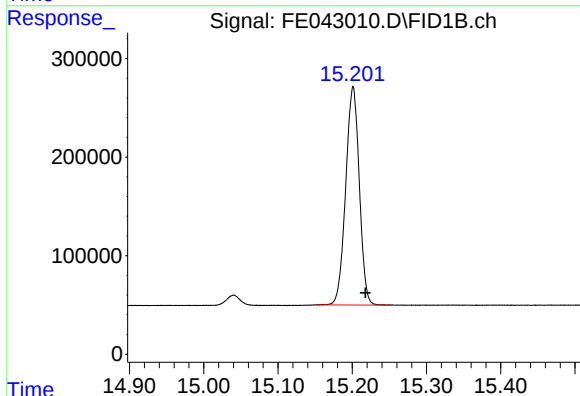
R.T.: 13.345 min
Delta R.T.: -0.018 min
Response: 2541254
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

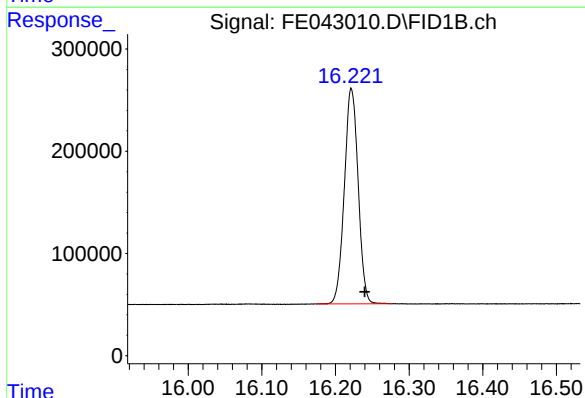
R.T.: 14.098 min
Delta R.T.: -0.017 min
Response: 2860963
Conc: 18.78 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



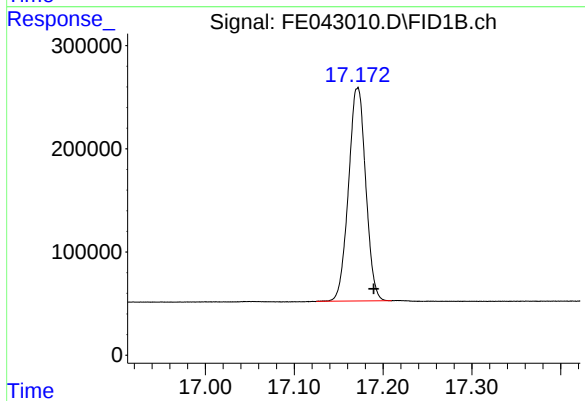
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.017 min
Response: 2818945
Conc: 19.00 ug/ml



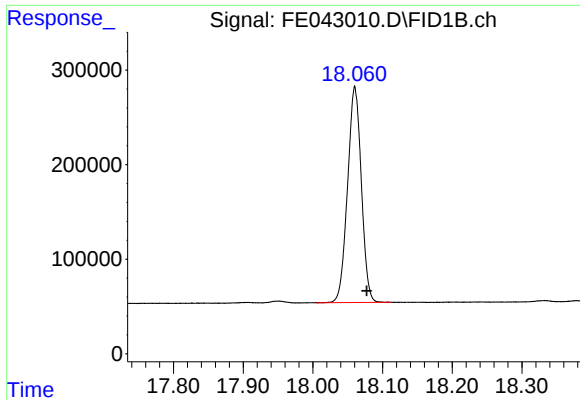
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.018 min
Response: 2741507
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

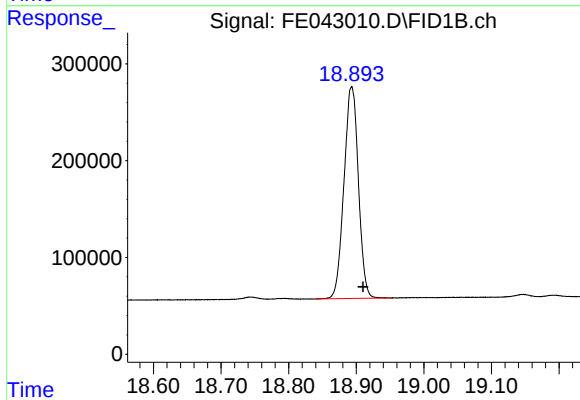
R.T.: 17.171 min
Delta R.T.: -0.018 min
Response: 2784527
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

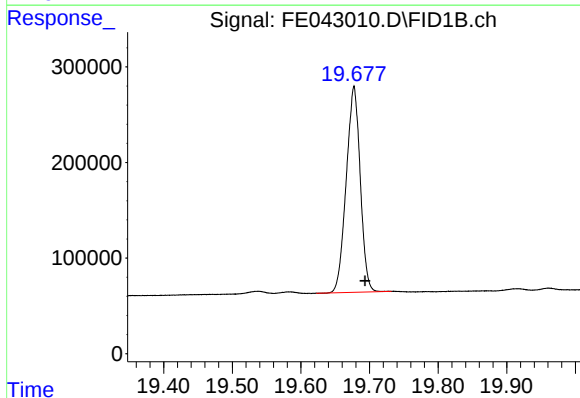
R.T.: 18.060 min
Delta R.T.: -0.017 min
Response: 3135764
Conc: 22.17 ug/ml

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20 PPM ALIPHATIC HC STD



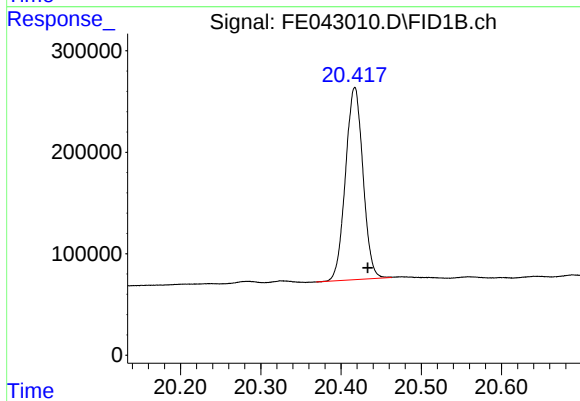
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: -0.017 min
Response: 3243698
Conc: 23.13 ug/ml



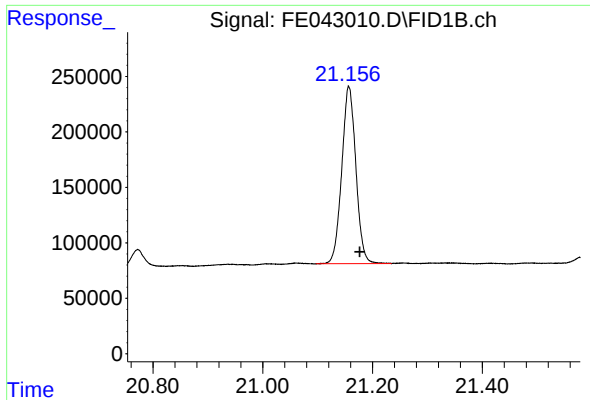
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: -0.016 min
Response: 3059894
Conc: 22.36 ug/ml



#20 n-Hexatriacontane (C36)

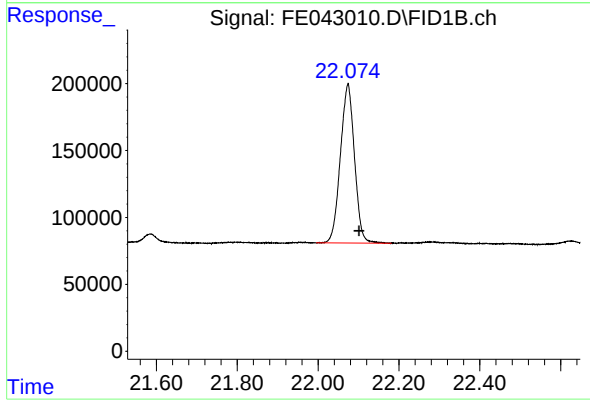
R.T.: 20.417 min
Delta R.T.: -0.016 min
Response: 2867799
Conc: 21.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: -0.020 min
Response: 2850933
Conc: 20.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.027 min
Response: 2872680
Conc: 20.65 ug/ml