

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071923AL\
 Data File : FE043321.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2023 12:42
 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: autoint1.e
 Quant Time: Jul 20 01:20:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.891	3715851	20.751 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
12) S 1-chlorooctadecane (S...	13.328	2748698	20.919 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T n-Nonane (C9)	3.272	3124994	20.467 ug/ml
2) T n-Decane (C10)	4.524	3230942	20.725 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3380102	21.006 ug/ml
4) T n-Dodecane (C12)	6.694	3263014	20.708 ug/ml
5) T A~2-methylnaphthalene...	7.331	3209084	21.148 ug/ml
6) T n-Tetradecane (C14)	8.523	3249460	20.544 ug/ml
7) T n-Hexadecane (C16)	10.130	3355541	20.734 ug/ml
8) T n-Octadecane (C18)	11.573	3385747	20.769 ug/ml
10) T n-Eicosane (C20)	12.882	3233450	20.812 ug/ml
11) T n-Heneicosane (C21)	13.493	3139865	20.725 ug/ml
13) T n-Docosane (C22)	14.080	3104604	20.774 ug/ml
14) T n-Tetracosane (C24)	15.182	3038006	20.686 ug/ml
15) T n-Hexacosane (C26)	16.203	2952728	20.731 ug/ml
16) T n-Octacosane (C28)	17.154	2897240	20.591 ug/ml
17) T n-Tricontane (C30)	18.040	3023737	20.526 ug/ml
18) T n-Dotriacontane (C32)	18.873	3041885	20.528 ug/ml
19) T n-Tetratriacontane (C34)	19.656	2957024	20.489 ug/ml
20) T n-Hexatriacontane (C36)	20.396	2849576	19.388 ug/ml
21) T n-Octatriacontane (C38)	21.132	2823185	19.791 ug/ml
22) T n-Tetracontane (C40)	22.042	2838587	19.234 ug/ml

(f)=RT Delta > 1/2 Window

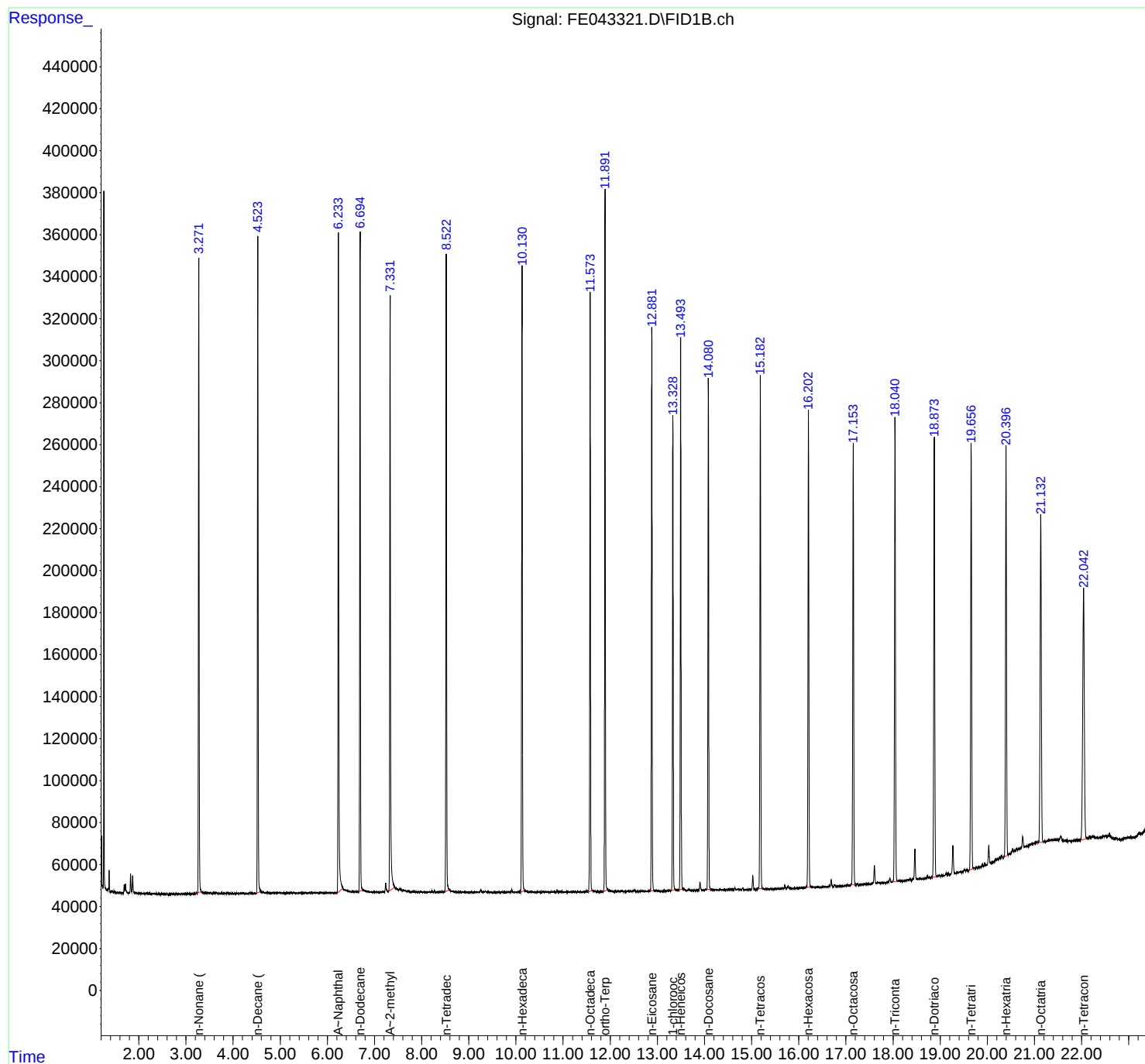
(m)=manual int.

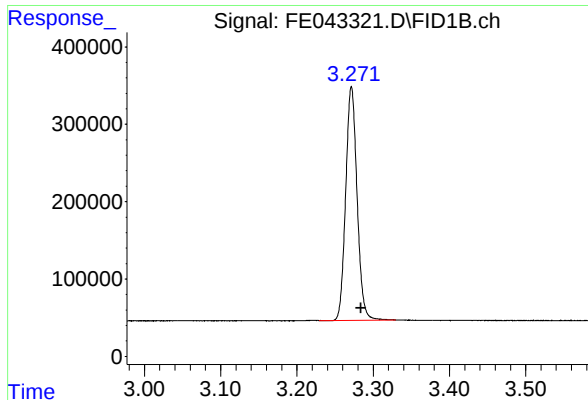
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071923AL\
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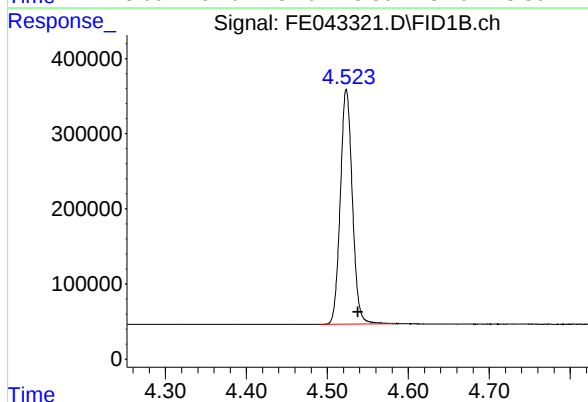




#1 n-Nonane (C9)

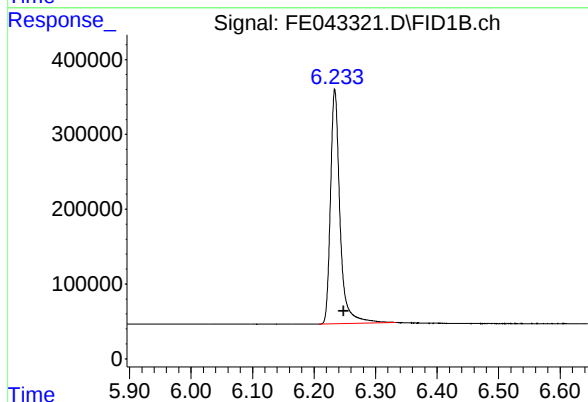
R.T.: 3.272 min
Delta R.T.: -0.012 min
Response: 3124994
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



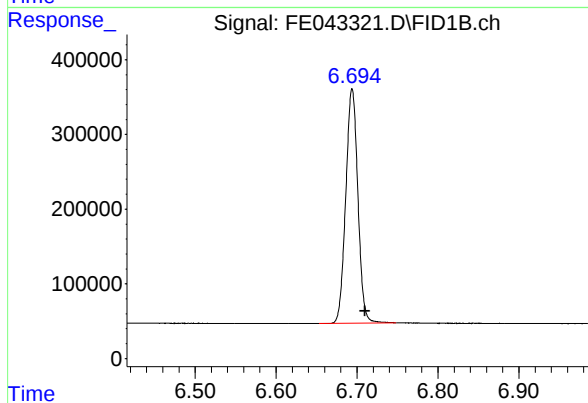
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 3230942
Conc: 20.72 ug/ml



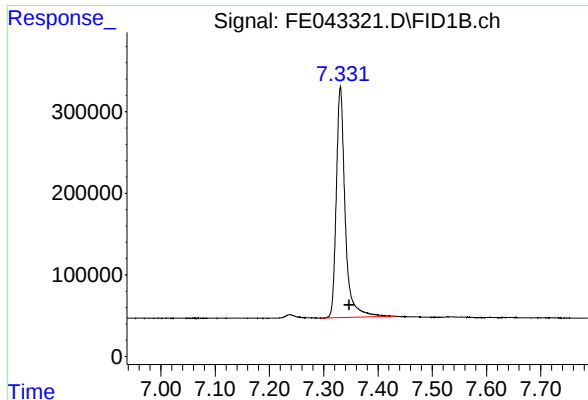
#3 n-Undecane (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.014 min
Response: 3380102
Conc: 21.01 ug/ml



#4 n-Dodecane (C12)

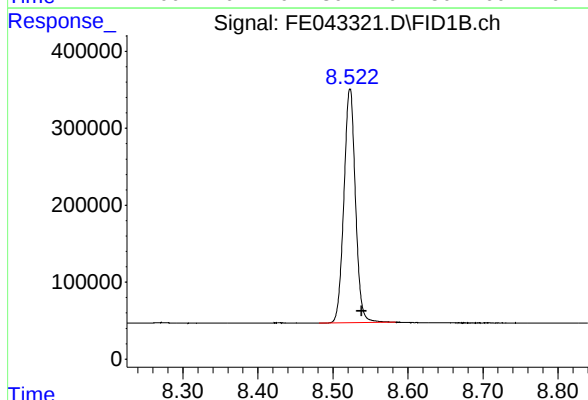
R.T.: 6.694 min
Delta R.T.: -0.015 min
Response: 3263014
Conc: 20.71 ug/ml



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

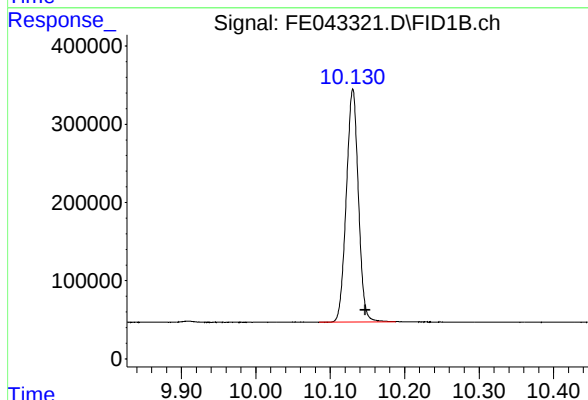
R.T.: 7.331 min
Delta R.T.: -0.016 min
Response: 3209084
Conc: 21.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



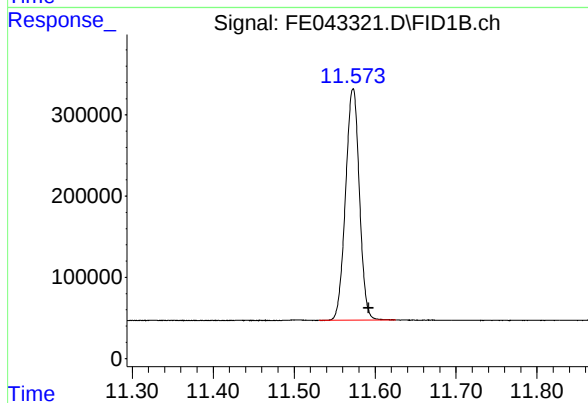
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.016 min
Response: 3249460
Conc: 20.54 ug/ml



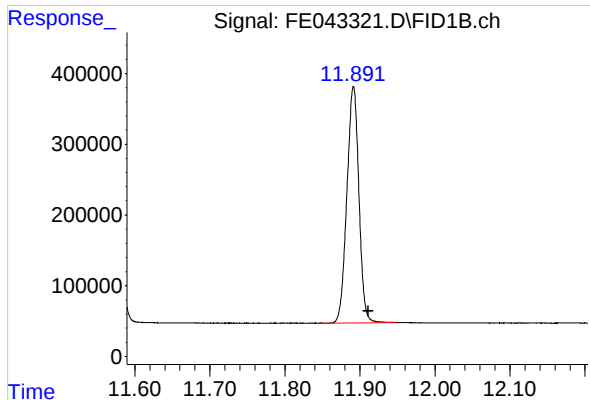
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.016 min
Response: 3355541
Conc: 20.73 ug/ml



#8 n-Octadecane (C18)

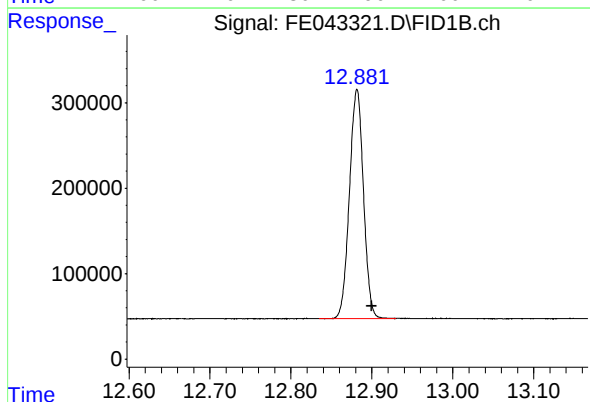
R.T.: 11.573 min
Delta R.T.: -0.019 min
Response: 3385747
Conc: 20.77 ug/ml



#9 ortho-Terphenyl (SURR)

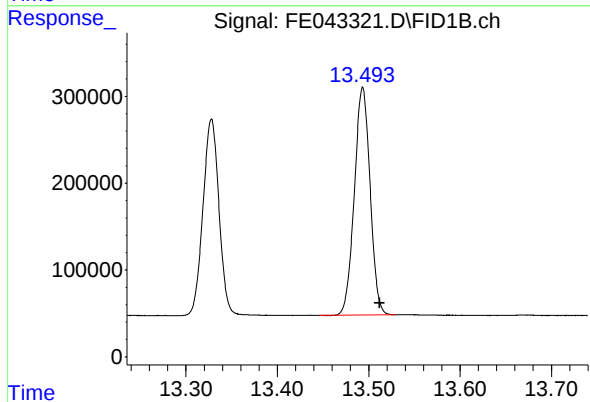
R.T.: 11.891 min
Delta R.T.: -0.020 min
Response: 3715851
Conc: 20.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



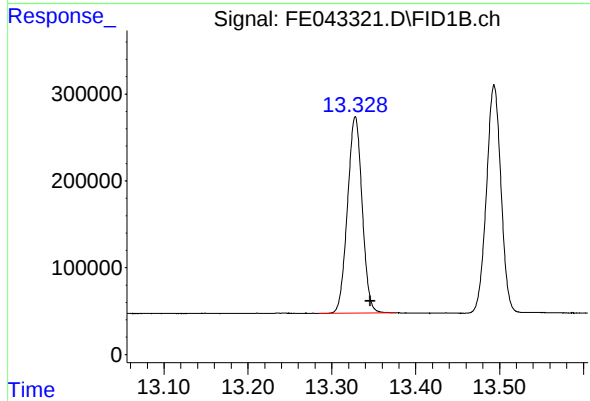
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.018 min
Response: 3233450
Conc: 20.81 ug/ml



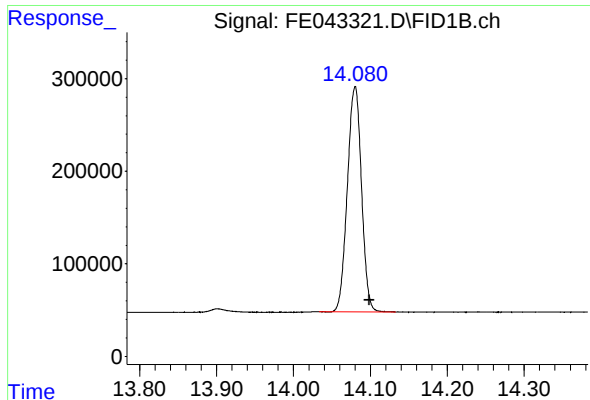
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.019 min
Response: 3139865
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

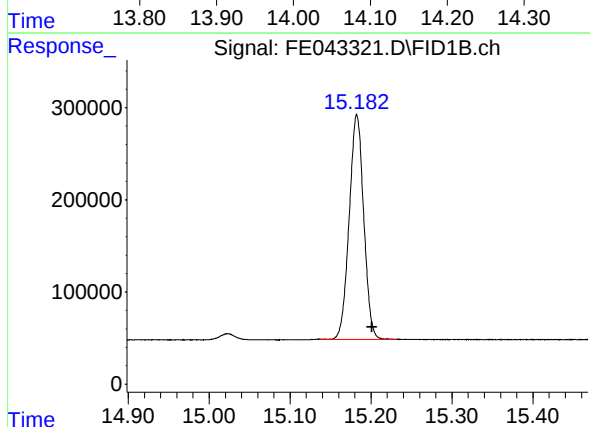
R.T.: 13.328 min
Delta R.T.: -0.018 min
Response: 2748698
Conc: 20.92 ug/ml



#13 n-Docosane (C22)

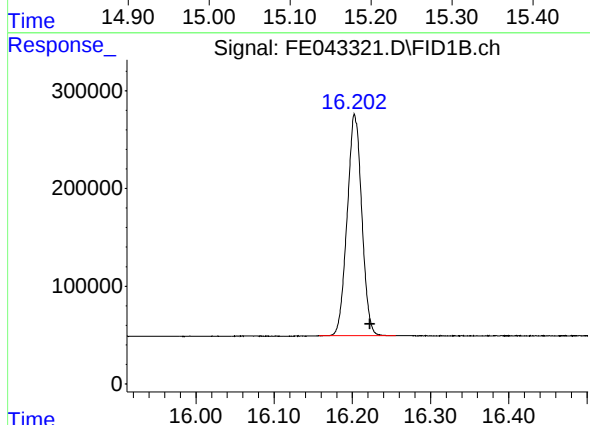
R.T.: 14.080 min
Delta R.T.: -0.018 min
Response: 3104604
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



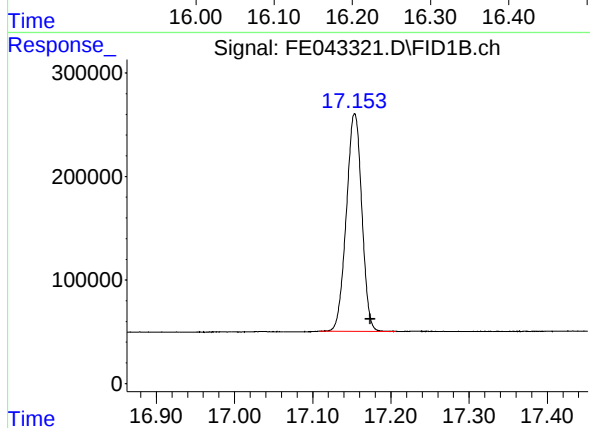
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.019 min
Response: 3038006
Conc: 20.69 ug/ml



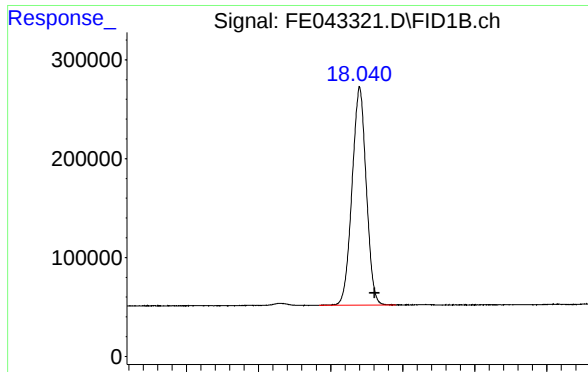
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.020 min
Response: 2952728
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

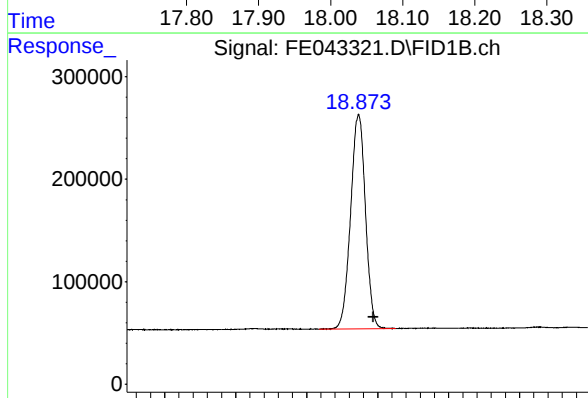
R.T.: 17.154 min
Delta R.T.: -0.020 min
Response: 2897240
Conc: 20.59 ug/ml



#17 n-Tricontane (C30)

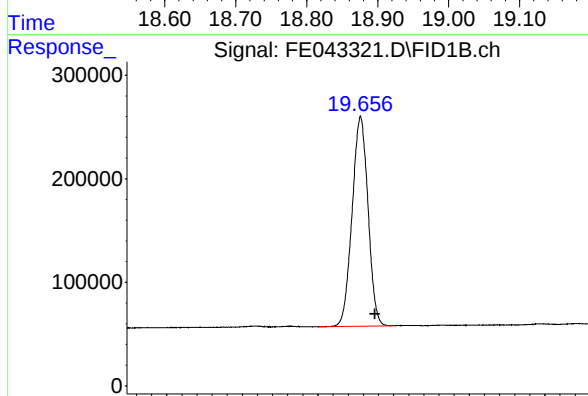
R.T.: 18.040 min
Delta R.T.: -0.021 min
Response: 3023737
Conc: 20.53 ug/ml

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20 PPM ALIPHATIC HC STD



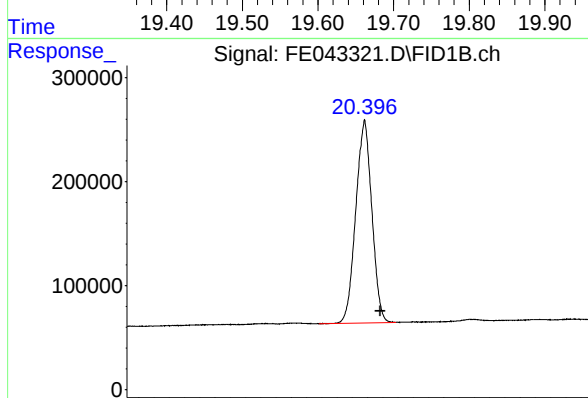
#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.020 min
Response: 3041885
Conc: 20.53 ug/ml



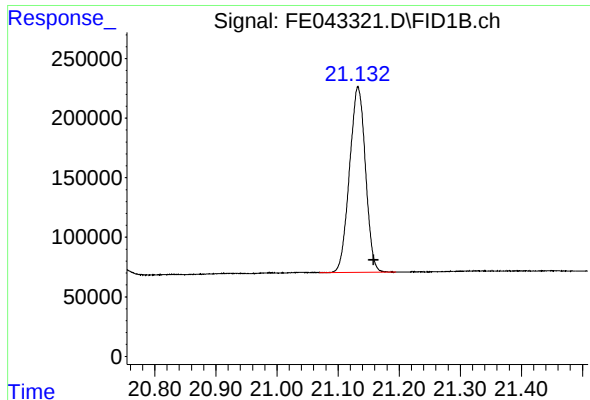
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.019 min
Response: 2957024
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

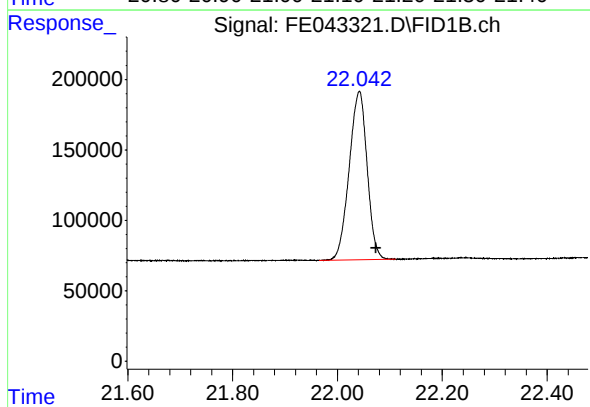
R.T.: 20.396 min
Delta R.T.: -0.020 min
Response: 2849576
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.132 min
Delta R.T.: -0.026 min
Response: 2823185
Conc: 19.79 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.032 min
Response: 2838587
Conc: 19.23 ug/ml