

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072123AL\
 Data File : FE043414.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2023 00:59
 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: Jul 22 01:31:18 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)	11.886	3742942	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
12) S 1-chlorooctadecane (S...	13.323	2754182	20.961 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T n-Nonane (C9)	3.267	3121395	20.444 ug/ml
2) T n-Decane (C10)	4.519	3227303	20.702 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3357476	20.865 ug/ml
4) T n-Dodecane (C12)	6.690	3276011	20.790 ug/ml
5) T A~2-methylnaphthalene...	7.327	3193472	21.046 ug/ml
6) T n-Tetradecane (C14)	8.518	3264911	20.642 ug/ml
7) T n-Hexadecane (C16)	10.125	3375206	20.856 ug/ml
8) T n-Octadecane (C18)	11.568	3412341	20.932 ug/ml
10) T n-Eicosane (C20)	12.877	3256440	20.959 ug/ml
11) T n-Heneicosane (C21)	13.489	3173284	20.945 ug/ml
13) T n-Docosane (C22)	14.075	3123517	20.900 ug/ml
14) T n-Tetracosane (C24)	15.178	3053750	20.794 ug/ml
15) T n-Hexacosane (C26)	16.199	2968126	20.839 ug/ml
16) T n-Octacosane (C28)	17.149	2925303	20.790 ug/ml
17) T n-Tricontane (C30)	18.036	3070790	20.845 ug/ml
18) T n-Dotriacontane (C32)	18.868	3099832	20.919 ug/ml
19) T n-Tetratriacontane (C34)	19.653	3003456	20.811 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2877554	19.578 ug/ml
21) T n-Octatriacontane (C38)	21.128	2845125	19.945 ug/ml
22) T n-Tetracontane (C40)	22.033	2844092	19.271 ug/ml

(f)=RT Delta > 1/2 Window

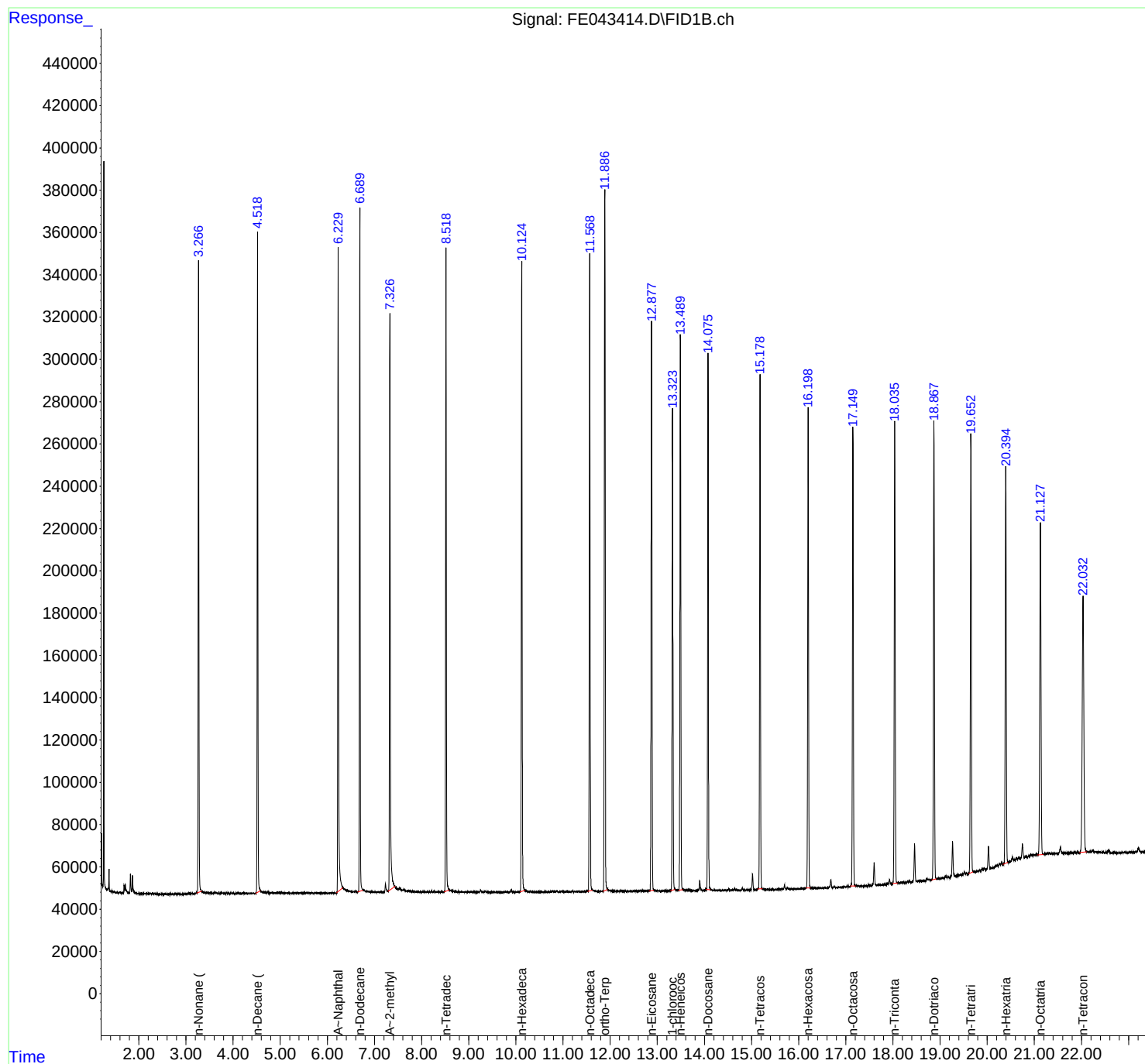
(m)=manual int.

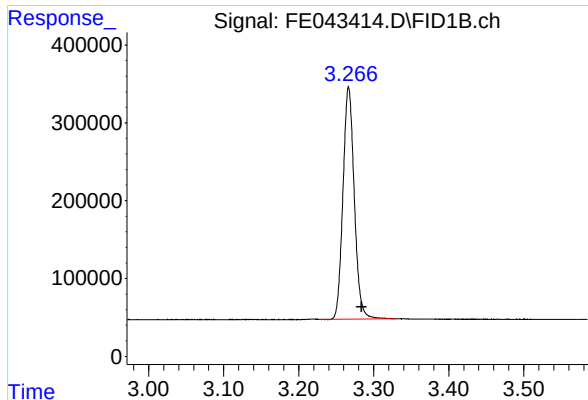
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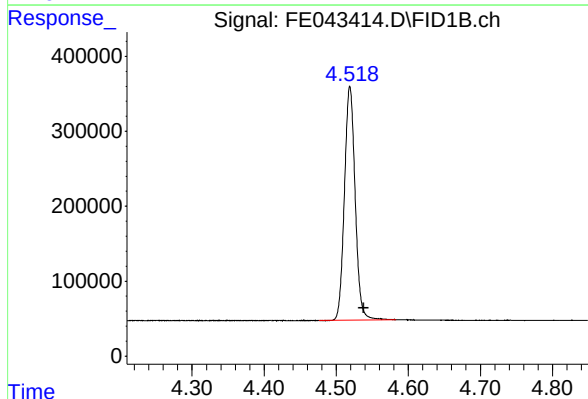




#1 n-Nonane (C9)

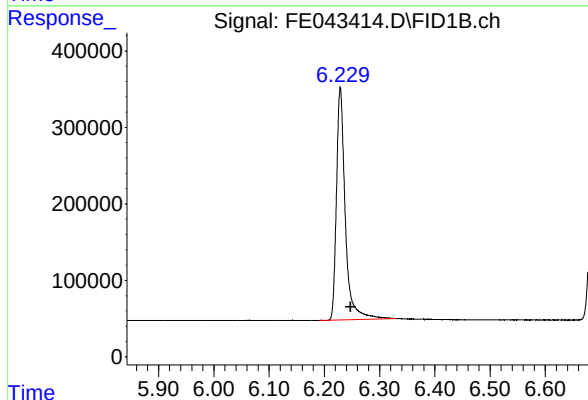
R.T.: 3.267 min
Delta R.T.: -0.017 min
Response: 3121395
Conc: 20.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



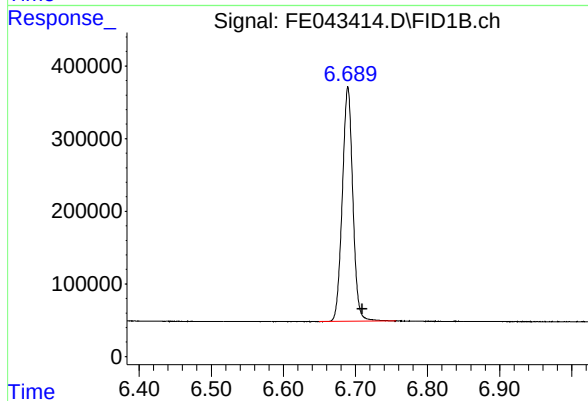
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.019 min
Response: 3227303
Conc: 20.70 ug/ml



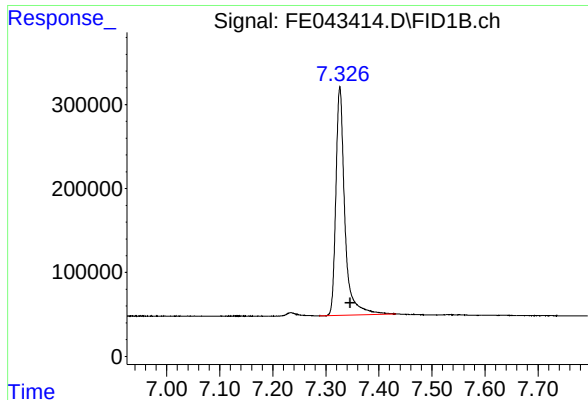
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.019 min
Response: 3357476
Conc: 20.86 ug/ml



#4 n-Dodecane (C12)

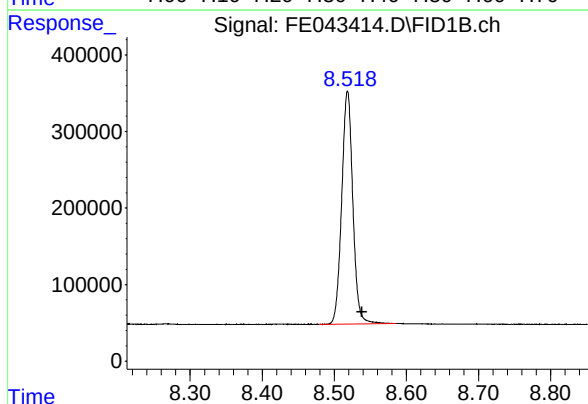
R.T.: 6.690 min
Delta R.T.: -0.020 min
Response: 3276011
Conc: 20.79 ug/ml



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

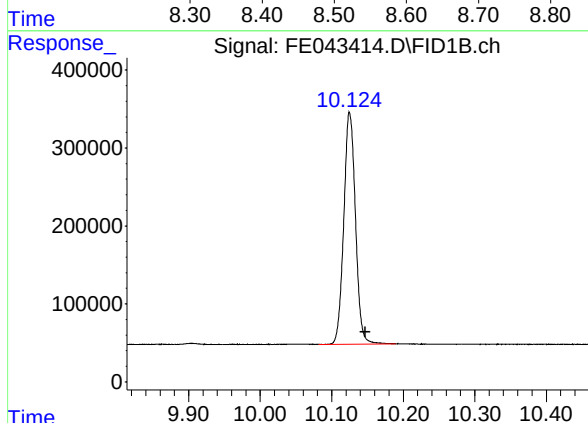
R.T.: 7.327 min
Delta R.T.: -0.020 min
Response: 3193472
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



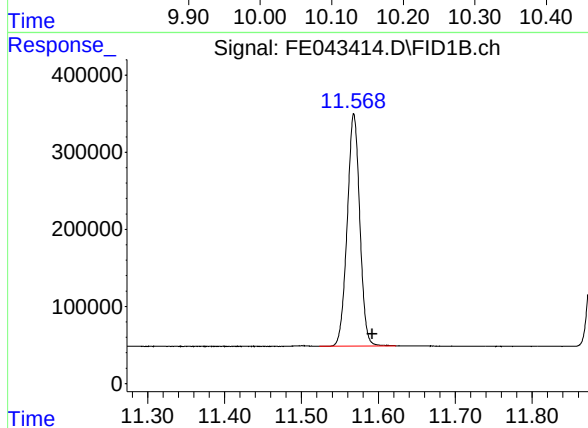
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.020 min
Response: 3264911
Conc: 20.64 ug/ml



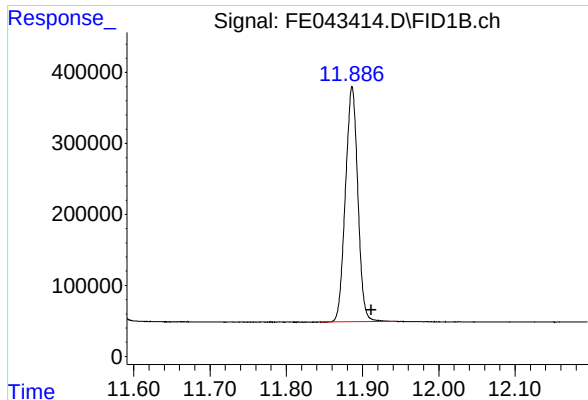
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.022 min
Response: 3375206
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

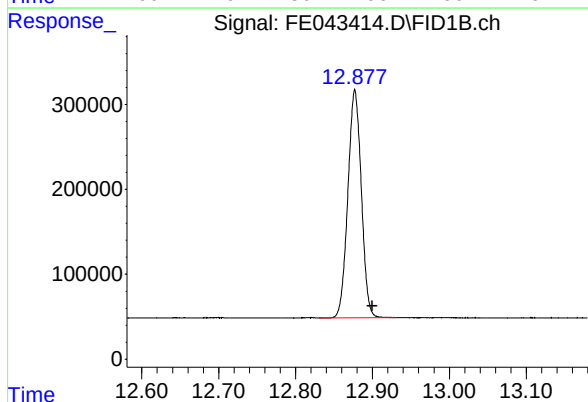
R.T.: 11.568 min
Delta R.T.: -0.024 min
Response: 3412341
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

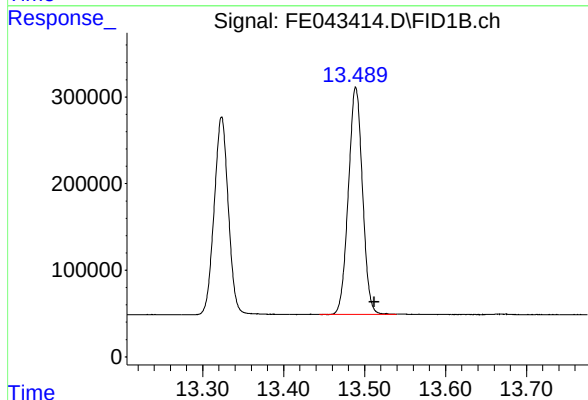
R.T.: 11.886 min
Delta R.T.: -0.025 min
Response: 3742942
Conc: 20.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



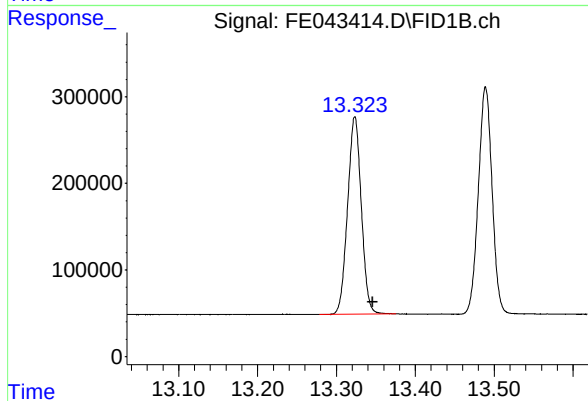
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.023 min
Response: 3256440
Conc: 20.96 ug/ml



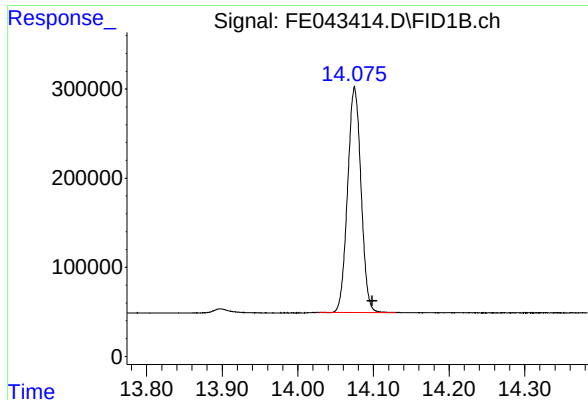
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: -0.023 min
Response: 3173284
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

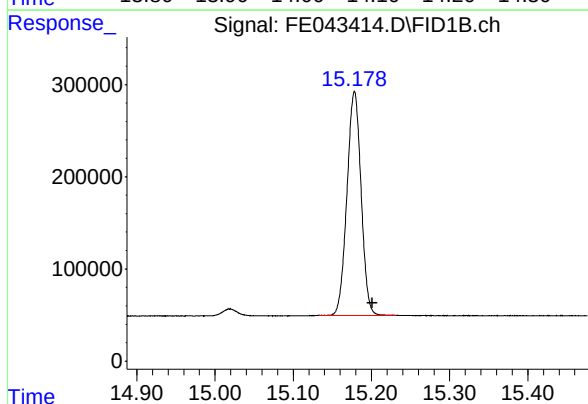
R.T.: 13.323 min
Delta R.T.: -0.023 min
Response: 2754182
Conc: 20.96 ug/ml



#13 n-Docosane (C22)

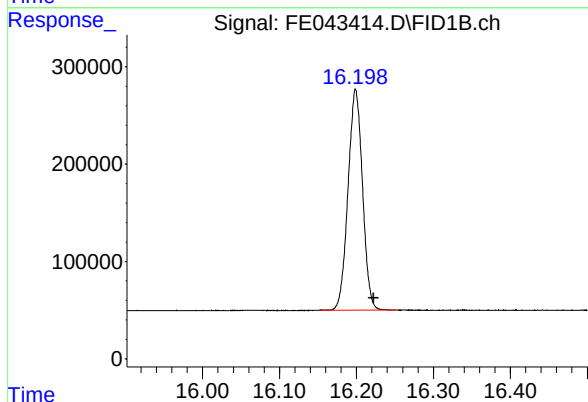
R.T.: 14.075 min
Delta R.T.: -0.023 min
Response: 3123517
Conc: 20.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



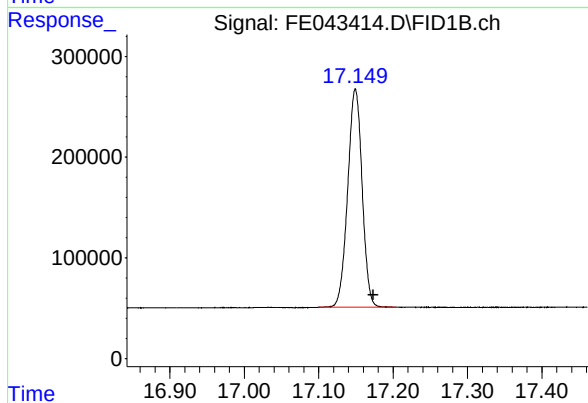
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.023 min
Response: 3053750
Conc: 20.79 ug/ml



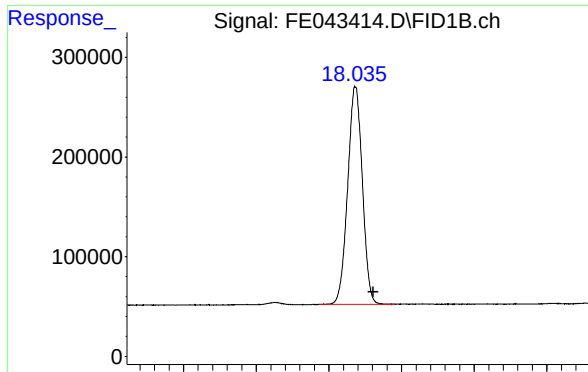
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.024 min
Response: 2968126
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

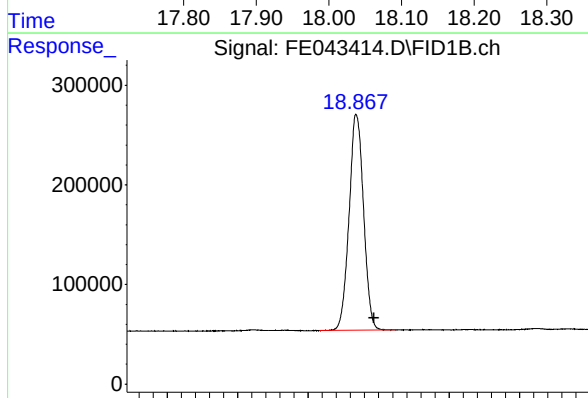
R.T.: 17.149 min
Delta R.T.: -0.024 min
Response: 2925303
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

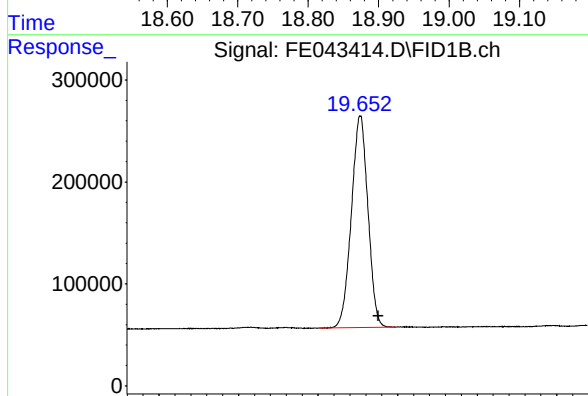
R.T.: 18.036 min
Delta R.T.: -0.025 min
Response: 3070790
Conc: 20.85 ug/ml

Instrument :
FID_E
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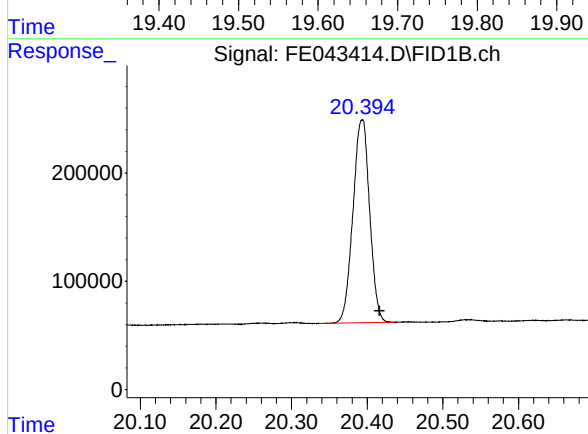
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.025 min
Response: 3099832
Conc: 20.92 ug/ml



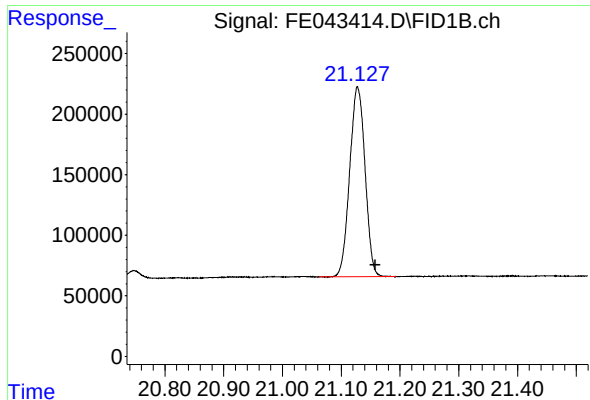
#19 n-Tetatriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.023 min
Response: 3003456
Conc: 20.81 ug/ml



#20 n-Hexatriacontane (C36)

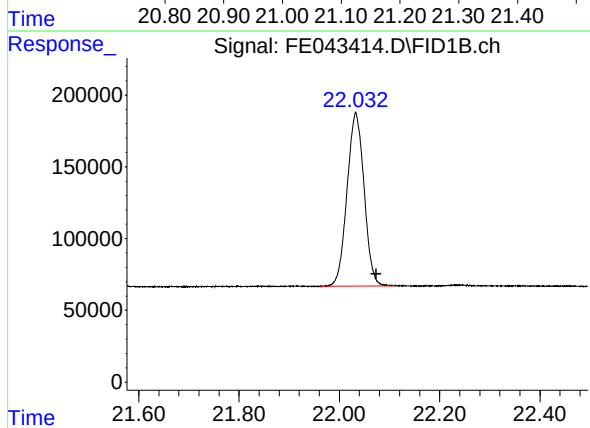
R.T.: 20.394 min
Delta R.T.: -0.023 min
Response: 2877554
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.031 min
Response: 2845125
Conc: 19.94 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.041 min
Response: 2844092
Conc: 19.27 ug/ml