

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080523AL\
 Data File : FE043743.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2023 09:40
 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: Aug 05 05:47:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.938	4622324	22.430 ug/ml
Spiked Amount 50.000		Recovery =	44.86%
12) S 1-chlorooctadecane (S...	13.377	3496749	22.408 ug/ml
Spiked Amount 50.000		Recovery =	44.82%
Target Compounds			
1) T n-Nonane (C9)	3.328	3646203	22.579 ug/ml
2) T n-Decane (C10)	4.579	3759117	22.808 ug/ml
3) T A~Naphthalene (C11.7)	6.276	4154068	22.816 ug/ml
4) T n-Dodecane (C12)	6.742	3817448	22.809 ug/ml
5) T A~2-methylnaphthalene...	7.371	4071658	22.871 ug/ml
6) T n-Tetradecane (C14)	8.569	3824156	22.698 ug/ml
7) T n-Hexadecane (C16)	10.178	4000131	22.676 ug/ml
8) T n-Octadecane (C18)	11.622	4097293	22.619 ug/ml
10) T n-Eicosane (C20)	12.932	3990057	22.547 ug/ml
11) T n-Heneicosane (C21)	13.545	3951033	22.314 ug/ml
13) T n-Docosane (C22)	14.132	3933508	22.426 ug/ml
14) T n-Tetracosane (C24)	15.237	3921691	22.320 ug/ml
15) T n-Hexacosane (C26)	16.258	3817877	22.090 ug/ml
16) T n-Octacosane (C28)	17.208	3657435	21.859 ug/ml
17) T n-Tricontane (C30)	18.097	3593977	21.699 ug/ml
18) T n-Dotriacontane (C32)	18.932	3455188	21.883 ug/ml
19) T n-Tetratriacontane (C34)	19.716	3259235	21.933 ug/ml
20) T n-Hexatriacontane (C36)	20.456	3078675	22.025 ug/ml
21) T n-Octatriacontane (C38)	21.201	3020021	22.638 ug/ml
22) T n-Tetracontane (C40)	22.124	2952377	22.882 ug/ml

(f)=RT Delta > 1/2 Window

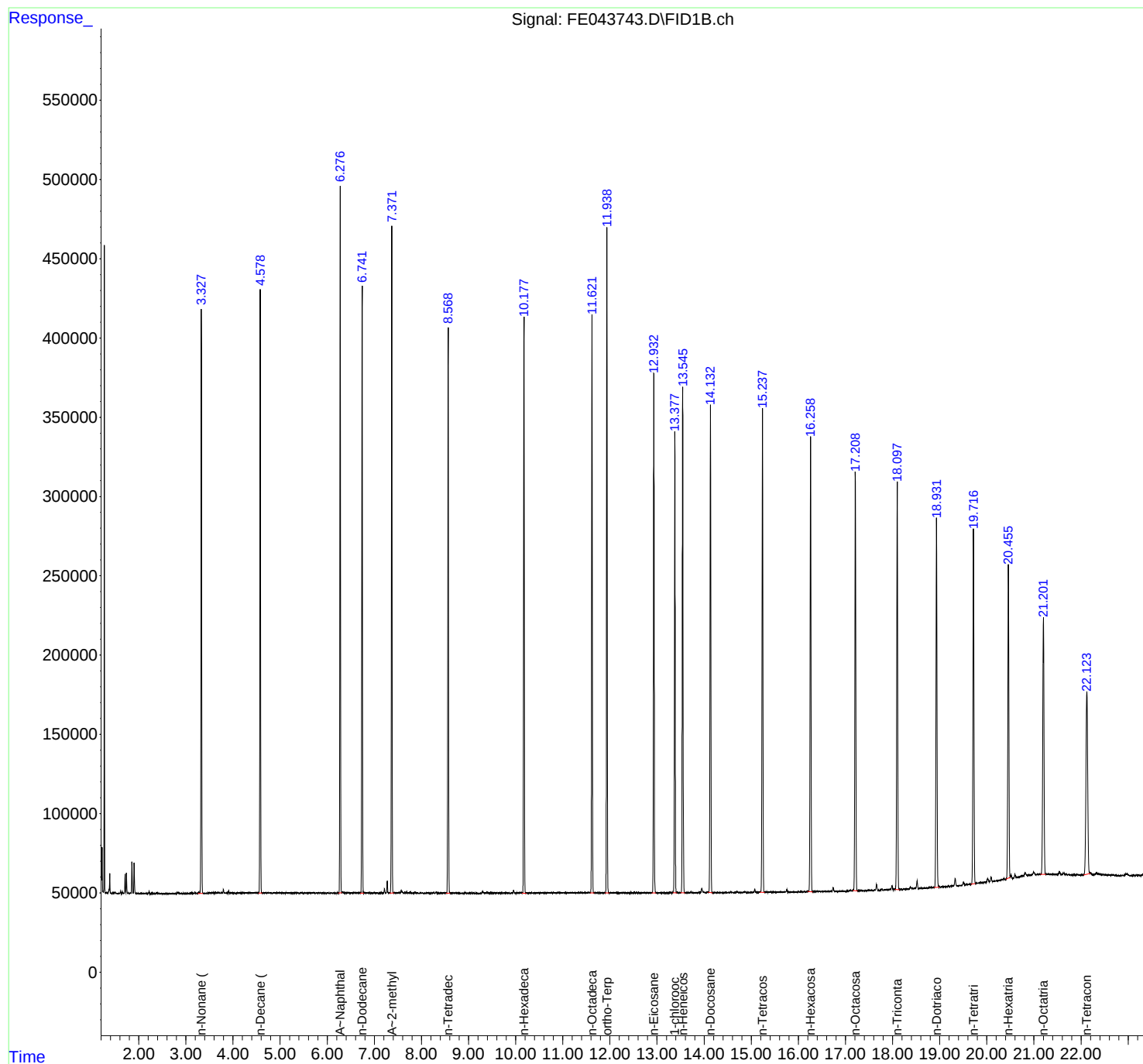
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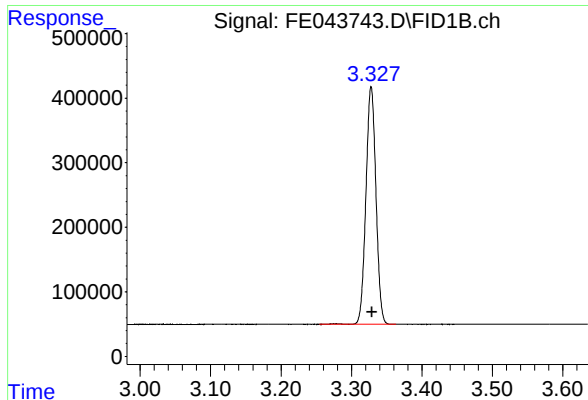
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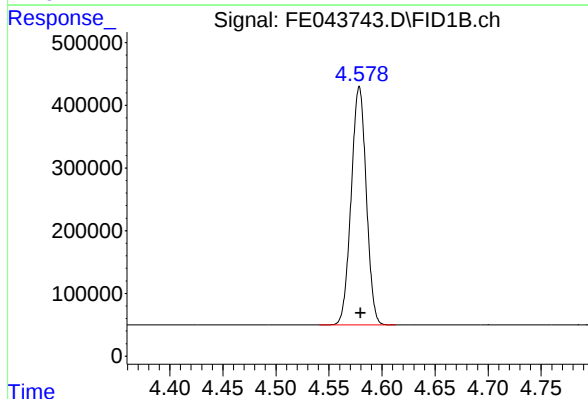




#1 n-Nonane (C9)

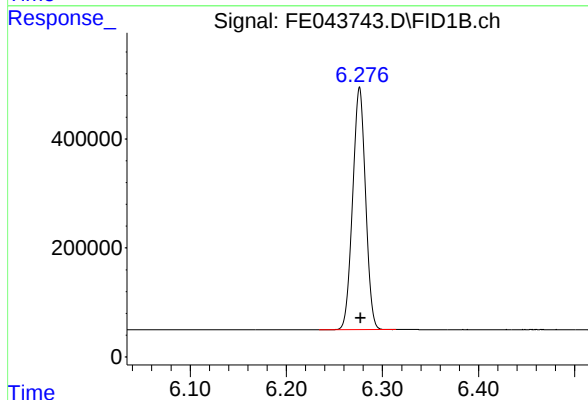
R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 3646203
Conc: 22.58 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



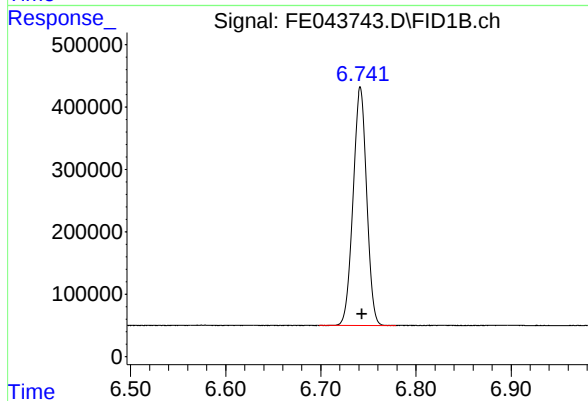
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.001 min
Response: 3759117
Conc: 22.81 ug/ml



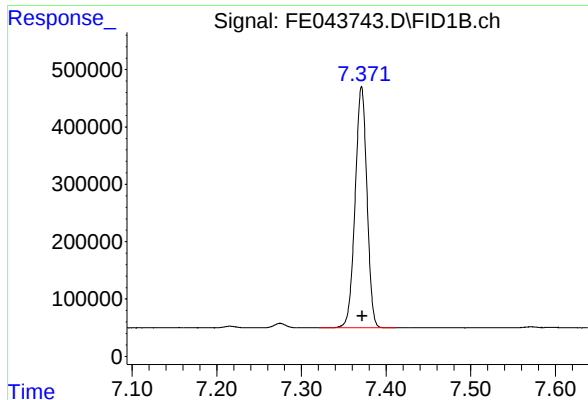
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 4154068
Conc: 22.82 ug/ml



#4 n-Dodecane (C12)

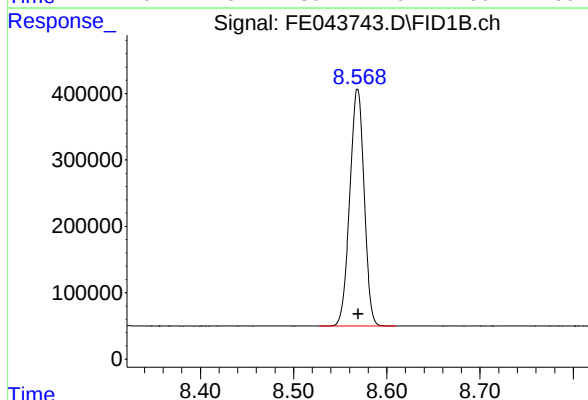
R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 3817448
Conc: 22.81 ug/ml



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

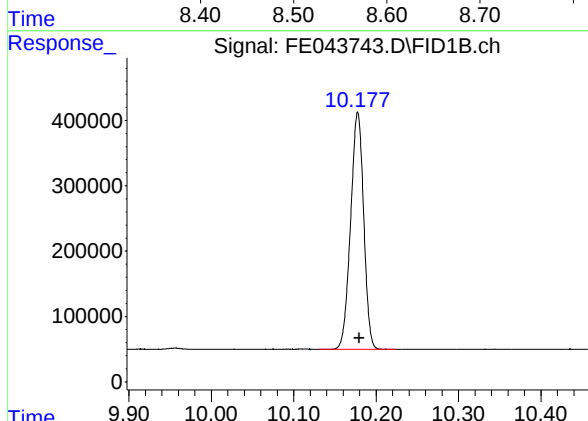
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 4071658
Conc: 22.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



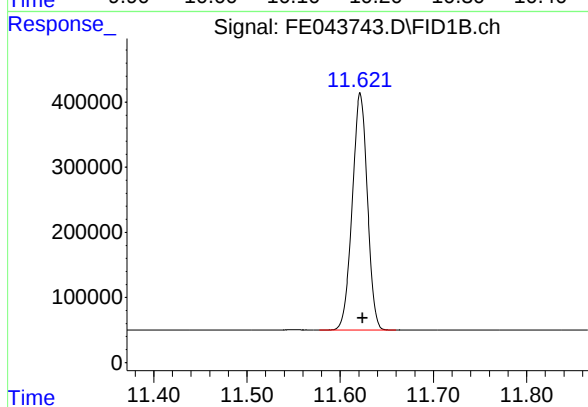
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 3824156
Conc: 22.70 ug/ml



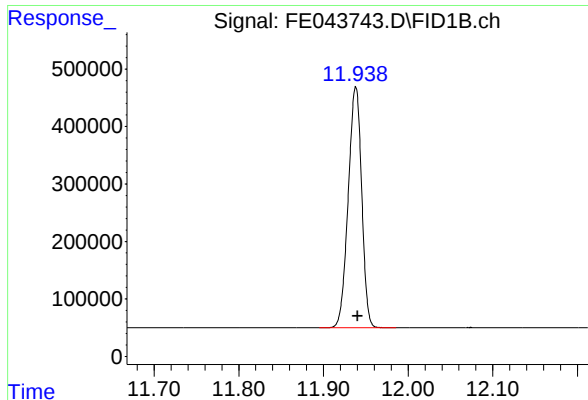
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 4000131
Conc: 22.68 ug/ml



#8 n-Octadecane (C18)

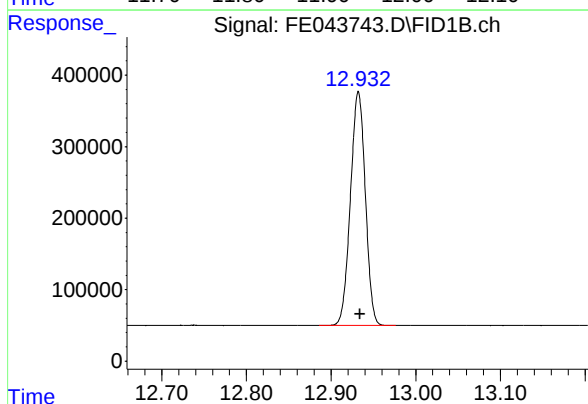
R.T.: 11.622 min
Delta R.T.: -0.003 min
Response: 4097293
Conc: 22.62 ug/ml



#9 ortho-Terphenyl (SURR)

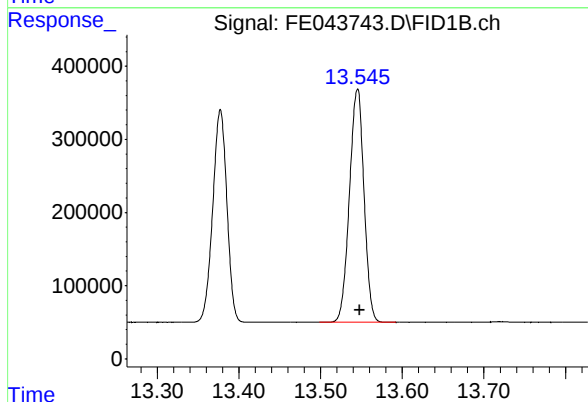
R.T.: 11.938 min
Delta R.T.: -0.002 min
Response: 4622324
Conc: 22.43 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



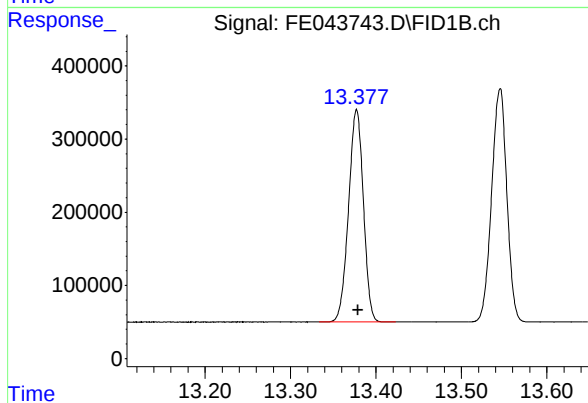
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.002 min
Response: 3990057
Conc: 22.55 ug/ml



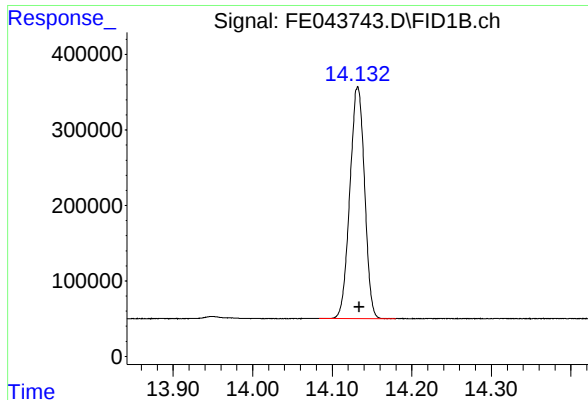
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.002 min
Response: 3951033
Conc: 22.31 ug/ml



#12 1-chlorooctadecane (SURR)

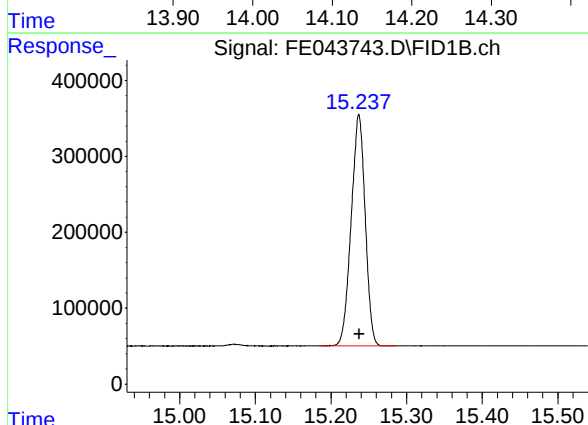
R.T.: 13.377 min
Delta R.T.: -0.002 min
Response: 3496749
Conc: 22.41 ug/ml



#13 n-Docosane (C22)

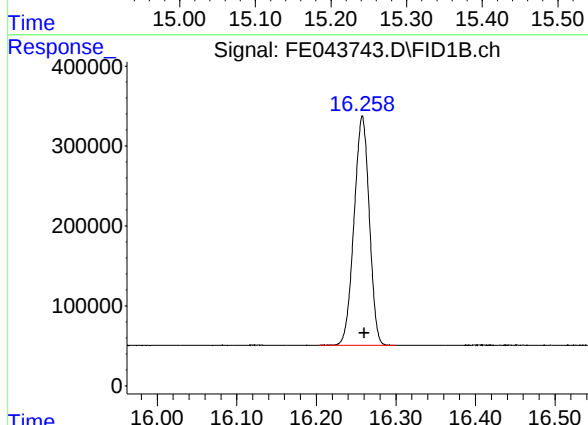
R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 3933508
Conc: 22.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



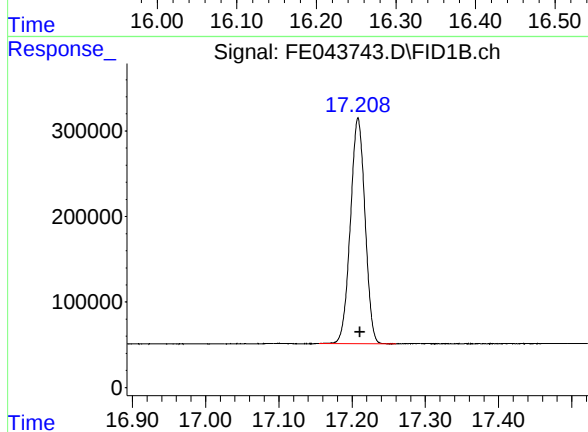
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 3921691
Conc: 22.32 ug/ml



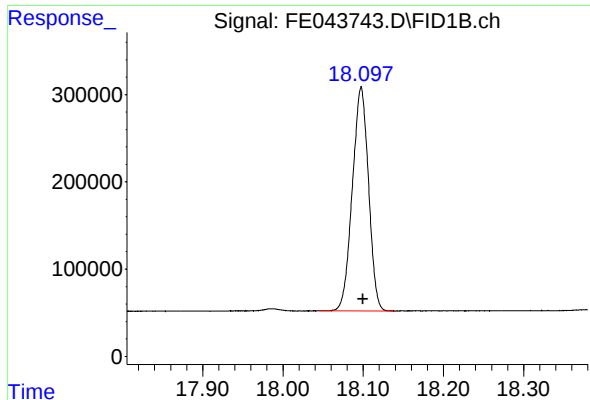
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 3817877
Conc: 22.09 ug/ml



#16 n-Octacosane (C28)

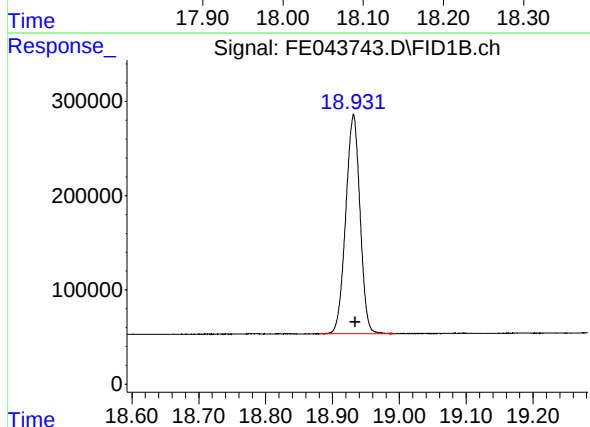
R.T.: 17.208 min
Delta R.T.: -0.003 min
Response: 3657435
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

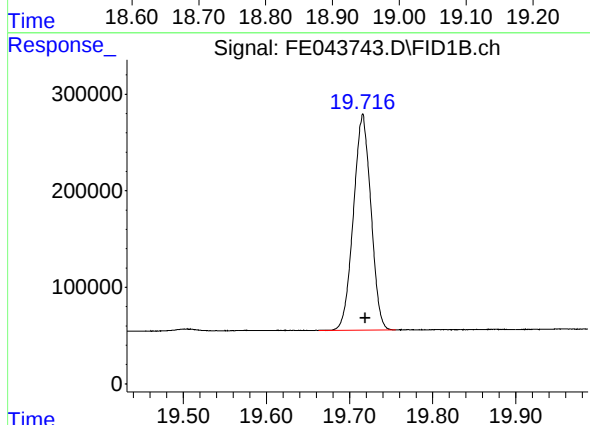
R.T.: 18.097 min
Delta R.T.: -0.002 min
Response: 3593977
Conc: 21.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



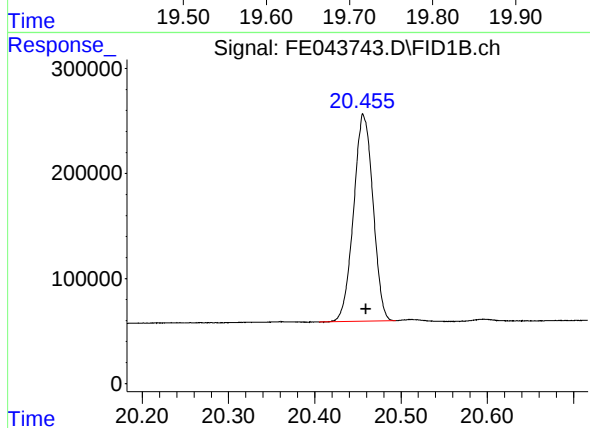
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.003 min
Response: 3455188
Conc: 21.88 ug/ml



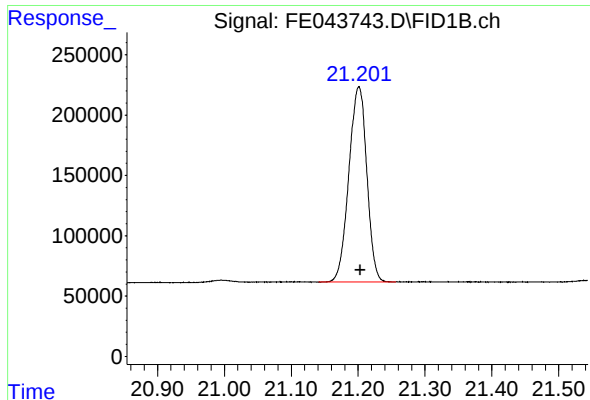
#19 n-Tetatriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.003 min
Response: 3259235
Conc: 21.93 ug/ml



#20 n-Hexatriacontane (C36)

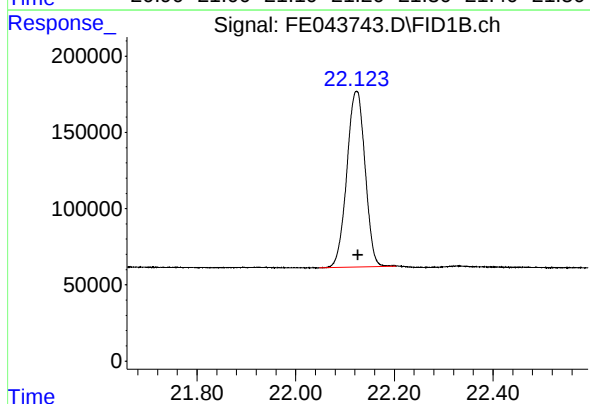
R.T.: 20.456 min
Delta R.T.: -0.003 min
Response: 3078675
Conc: 22.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.002 min
Response: 3020021
Conc: 22.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.003 min
Response: 2952377
Conc: 22.88 ug/ml