

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072123AL\
 Data File : FE043390.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2023 11:35
 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 21 22:14:13 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)	11.889	3647740	20.371 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
12) S 1-chlorooctadecane (S...	13.326	2697903	20.533 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.268	3049386	19.972 ug/ml
2) T n-Decane (C10)	4.521	3152494	20.222 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3289843	20.445 ug/ml
4) T n-Dodecane (C12)	6.691	3192864	20.263 ug/ml
5) T A~2-methylnaphthalene...	7.328	3119624	20.559 ug/ml
6) T n-Tetradecane (C14)	8.520	3187017	20.149 ug/ml
7) T n-Hexadecane (C16)	10.128	3296722	20.371 ug/ml
8) T n-Octadecane (C18)	11.570	3327022	20.409 ug/ml
10) T n-Eicosane (C20)	12.879	3175688	20.440 ug/ml
11) T n-Heneicosane (C21)	13.492	3095684	20.433 ug/ml
13) T n-Docosane (C22)	14.077	3046809	20.387 ug/ml
14) T n-Tetracosane (C24)	15.180	2981473	20.301 ug/ml
15) T n-Hexacosane (C26)	16.201	2899600	20.358 ug/ml
16) T n-Octacosane (C28)	17.150	2855467	20.294 ug/ml
17) T n-Tricontane (C30)	18.039	2999251	20.360 ug/ml
18) T n-Dotriacontane (C32)	18.871	3024492	20.411 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2930907	20.308 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2815238	19.154 ug/ml
21) T n-Octatriacontane (C38)	21.131	2786788	19.536 ug/ml
22) T n-Tetracontane (C40)	22.038	2783359	18.860 ug/ml

(f)=RT Delta > 1/2 Window

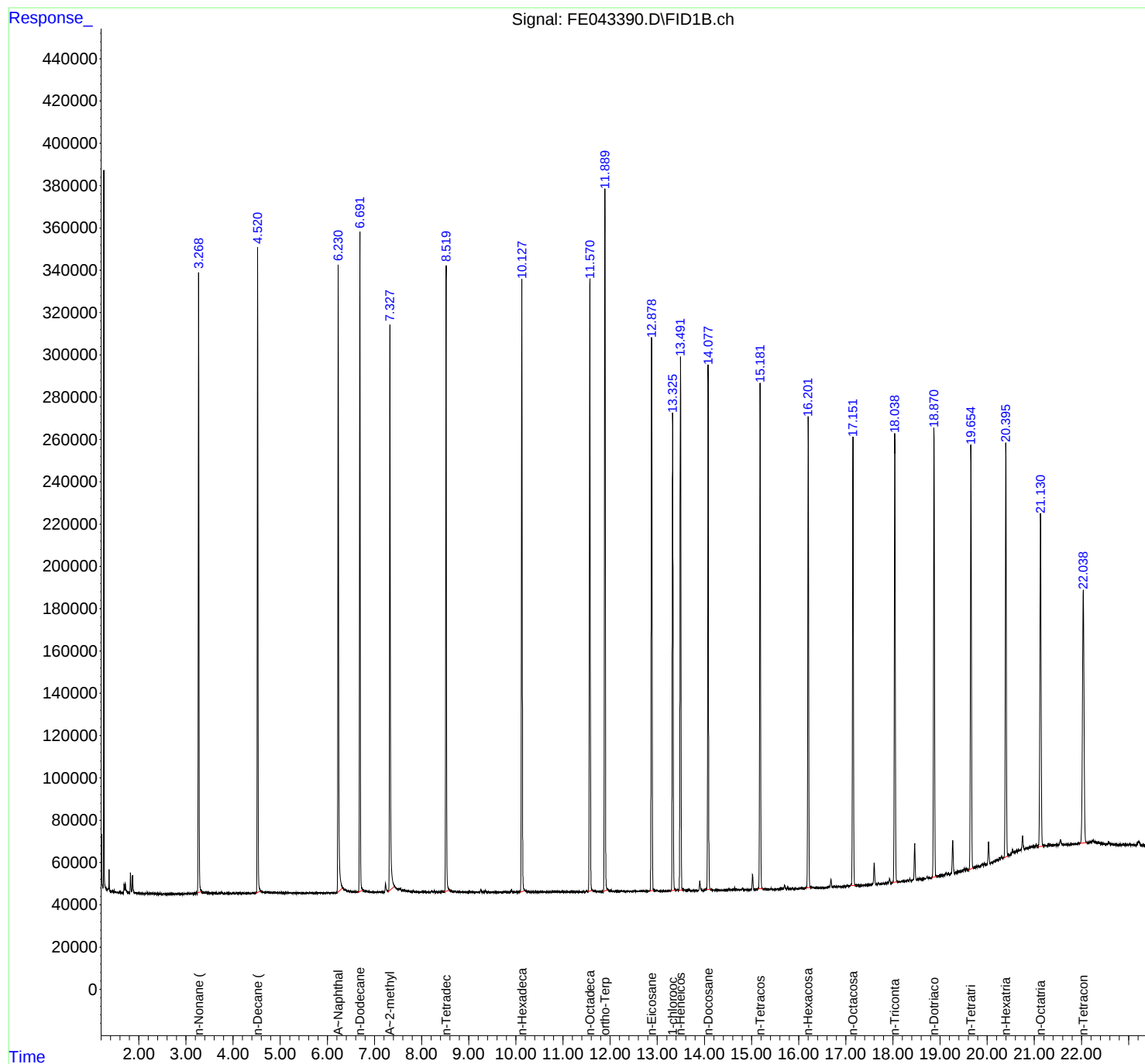
(m)=manual int.

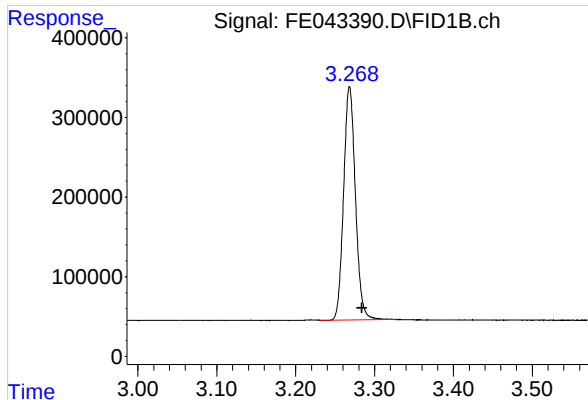
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072123AL\
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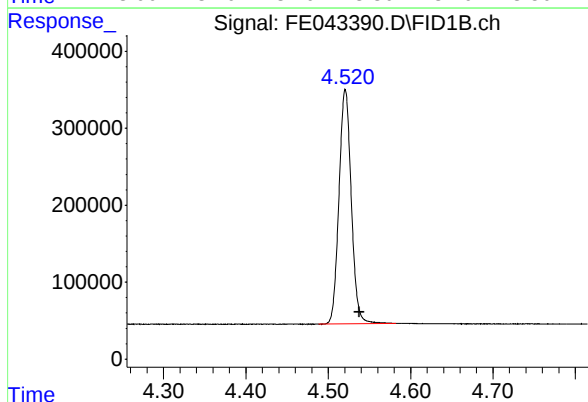




#1 n-Nonane (C9)

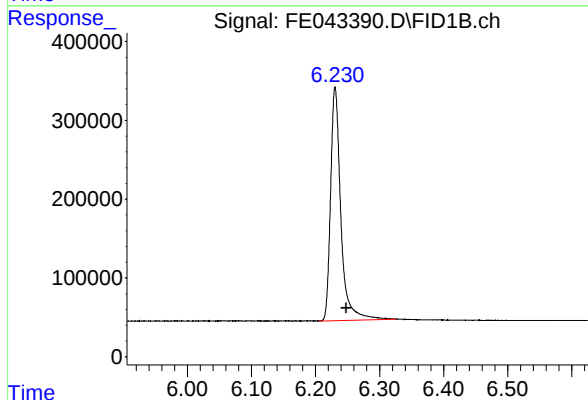
R.T.: 3.268 min
Delta R.T.: -0.016 min
Response: 3049386
Conc: 19.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



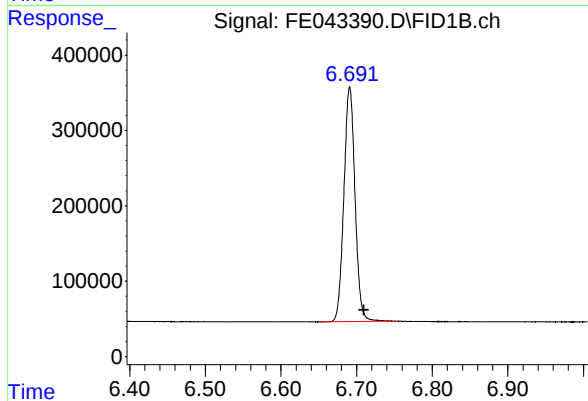
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.017 min
Response: 3152494
Conc: 20.22 ug/ml



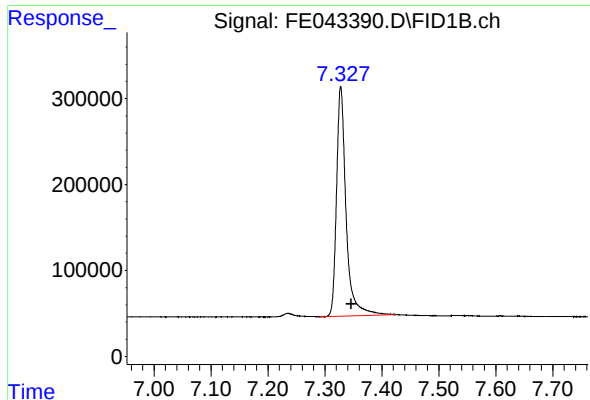
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.017 min
Response: 3289843
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

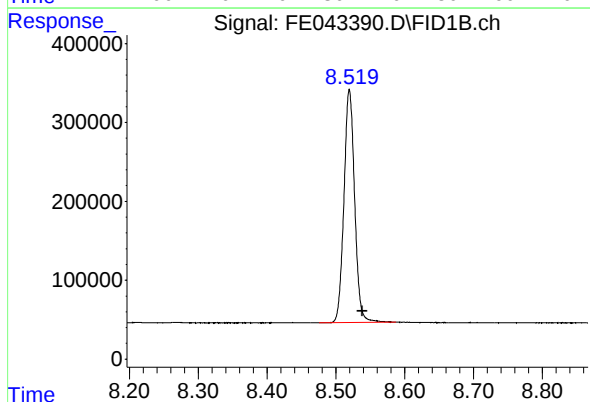
R.T.: 6.691 min
Delta R.T.: -0.019 min
Response: 3192864
Conc: 20.26 ug/ml



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

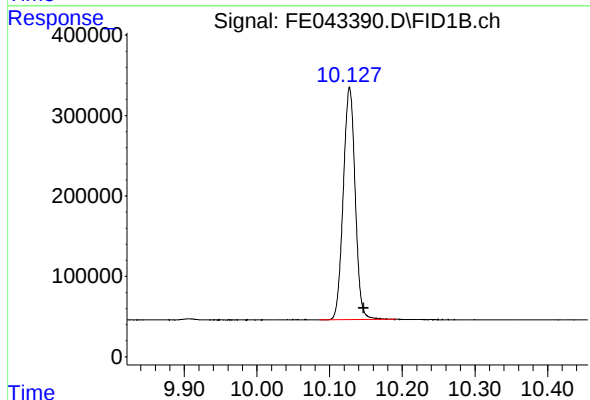
R.T.: 7.328 min
Delta R.T.: -0.019 min
Response: 3119624
Conc: 20.56 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



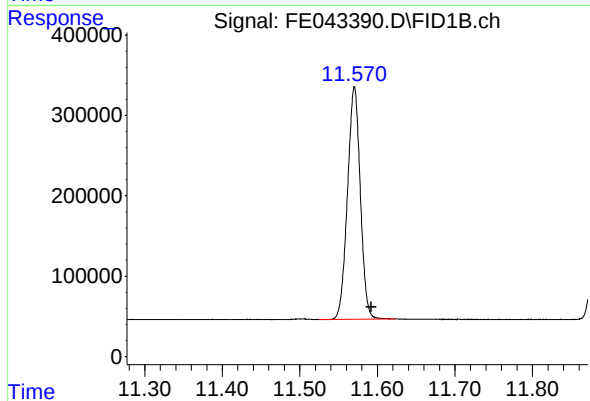
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.019 min
Response: 3187017
Conc: 20.15 ug/ml



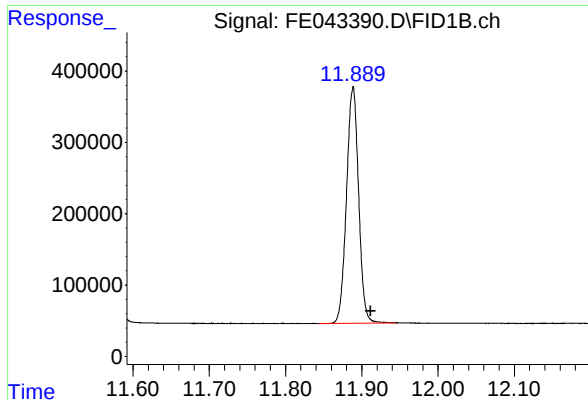
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.019 min
Response: 3296722
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

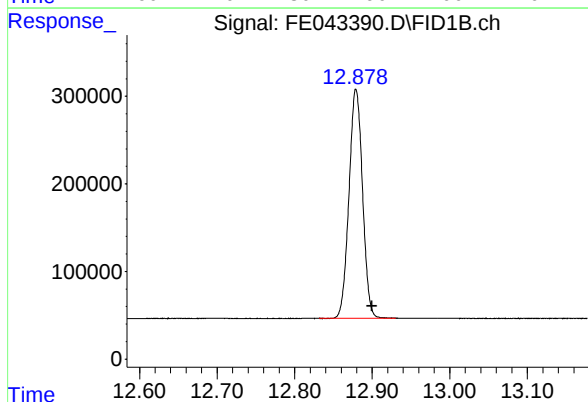
R.T.: 11.570 min
Delta R.T.: -0.022 min
Response: 3327022
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

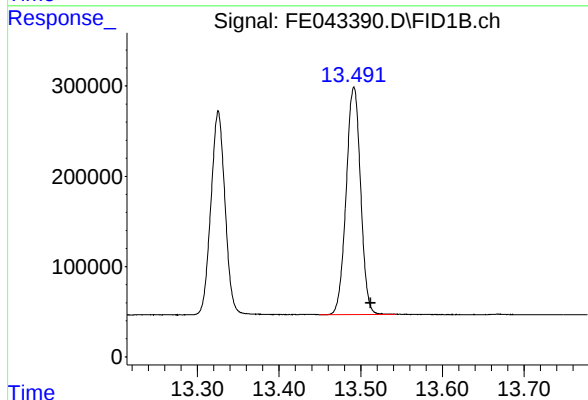
R.T.: 11.889 min
Delta R.T.: -0.023 min
Response: 3647740
Conc: 20.37 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



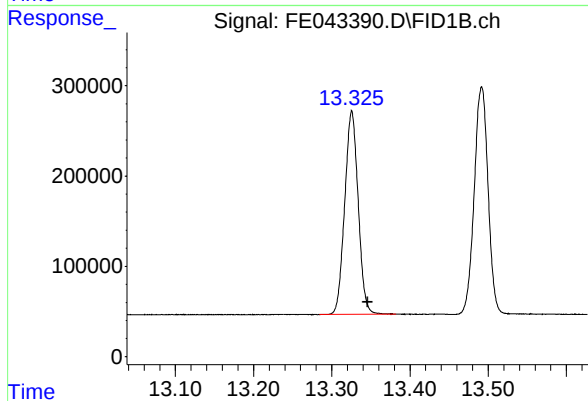
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: -0.021 min
Response: 3175688
Conc: 20.44 ug/ml



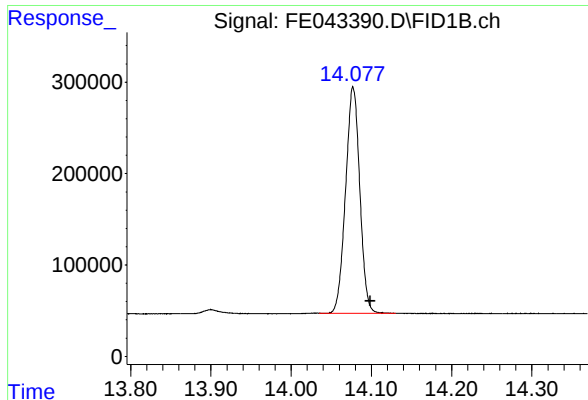
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.020 min
Response: 3095684
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

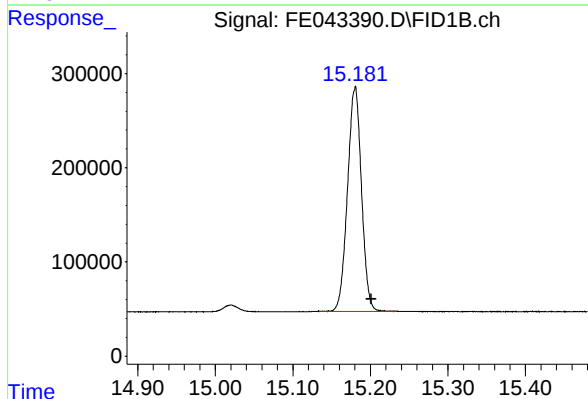
R.T.: 13.326 min
Delta R.T.: -0.020 min
Response: 2697903
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

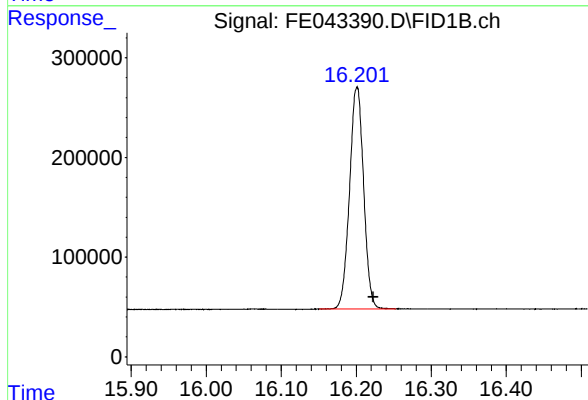
R.T.: 14.077 min
Delta R.T.: -0.021 min
Response: 3046809
Conc: 20.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



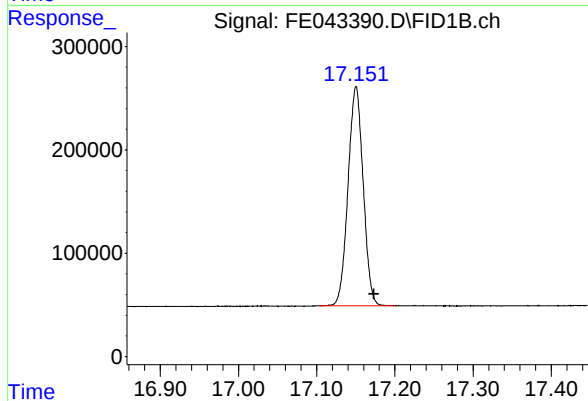
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.021 min
Response: 2981473
Conc: 20.30 ug/ml



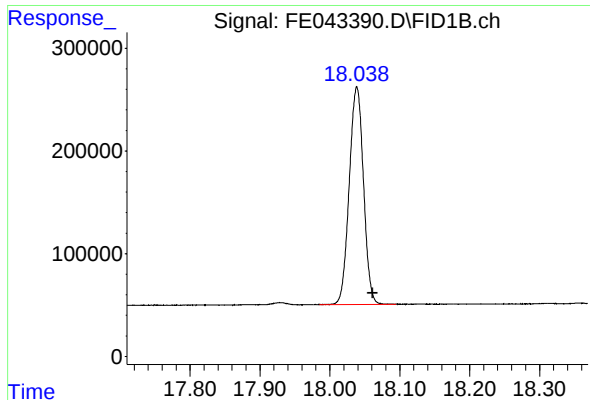
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.022 min
Response: 2899600
Conc: 20.36 ug/ml



#16 n-Octacosane (C28)

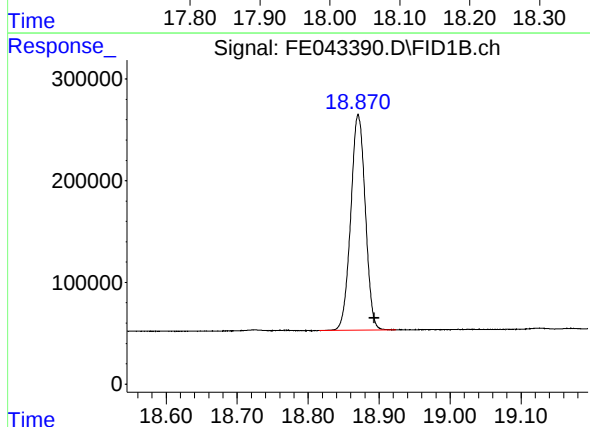
R.T.: 17.150 min
Delta R.T.: -0.023 min
Response: 2855467
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

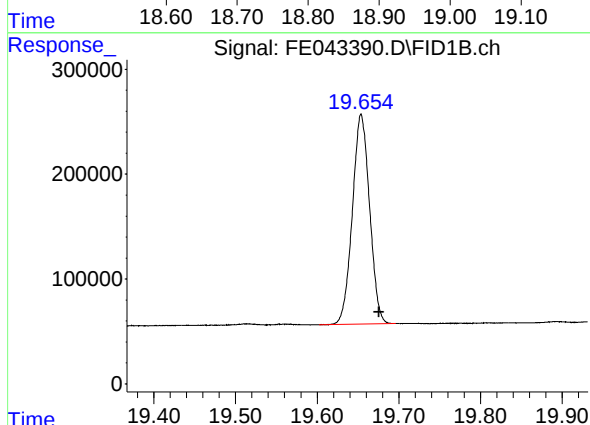
R.T.: 18.039 min
Delta R.T.: -0.022 min
Response: 2999251
Conc: 20.36 ug/ml

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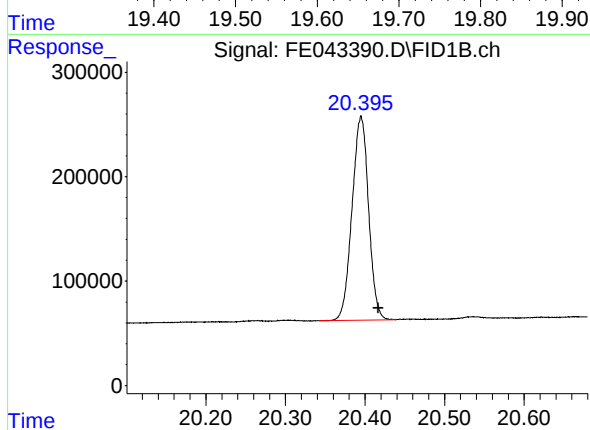
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.023 min
Response: 3024492
Conc: 20.41 ug/ml



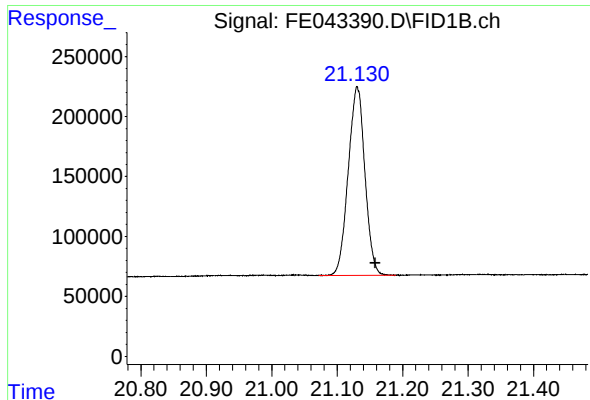
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.022 min
Response: 2930907
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

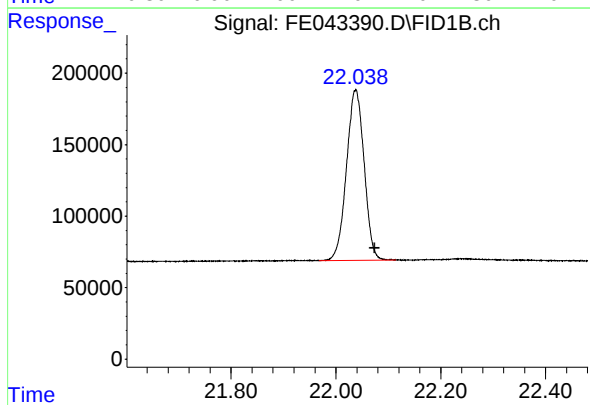
R.T.: 20.395 min
Delta R.T.: -0.022 min
Response: 2815238
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.028 min
Response: 2786788
Conc: 19.54 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: -0.036 min
Response: 2783359
Conc: 18.86 ug/ml