

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
 Data File : FE046305.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jan 2024 12:46
 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: Jan 19 22:08:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.828	4116068	22.650 ug/ml
Spiked Amount 50.000		Recovery =	45.30%
12) S 1-chlorooctadecane (S...	13.270	3013851	22.557 ug/ml
Spiked Amount 50.000		Recovery =	45.11%
Target Compounds			
1) T n-Nonane (C9)	3.212	3032363	19.814 ug/ml
2) T n-Decane (C10)	4.463	3272634	21.087 ug/ml
3) T A~Naphthalene (C11.7)	6.167	3480697	20.929 ug/ml
4) T n-Dodecane (C12)	6.631	3361413	21.529 ug/ml
5) T A~2-methylnaphthalene...	7.264	3382874	21.248 ug/ml
6) T n-Tetradecane (C14)	8.458	3359512	21.567 ug/ml
7) T n-Hexadecane (C16)	10.068	3463563	21.872 ug/ml
8) T n-Octadecane (C18)	11.513	3503574	22.260 ug/ml
10) T n-Eicosane (C20)	12.825	3393596	22.433 ug/ml
11) T n-Heneicosane (C21)	13.437	3328343	22.634 ug/ml
13) T n-Docosane (C22)	14.025	3304756	22.609 ug/ml
14) T n-Tetracosane (C24)	15.130	3241836	22.352 ug/ml
15) T n-Hexacosane (C26)	16.155	3155098	22.007 ug/ml
16) T n-Octacosane (C28)	17.107	3135812	21.865 ug/ml
17) T n-Tricontane (C30)	17.997	3332466	22.420 ug/ml
18) T n-Dotriacontane (C32)	18.833	3385038	22.633 ug/ml
19) T n-Tetratriacontane (C34)	19.619	3300041	23.036 ug/ml
20) T n-Hexatriacontane (C36)	20.362	3188299	21.867 ug/ml
21) T n-Octatriacontane (C38)	21.091	3316924	22.494 ug/ml
22) T n-Tetracontane (C40)	21.988	3379720	21.592 ug/ml

(f)=RT Delta > 1/2 Window

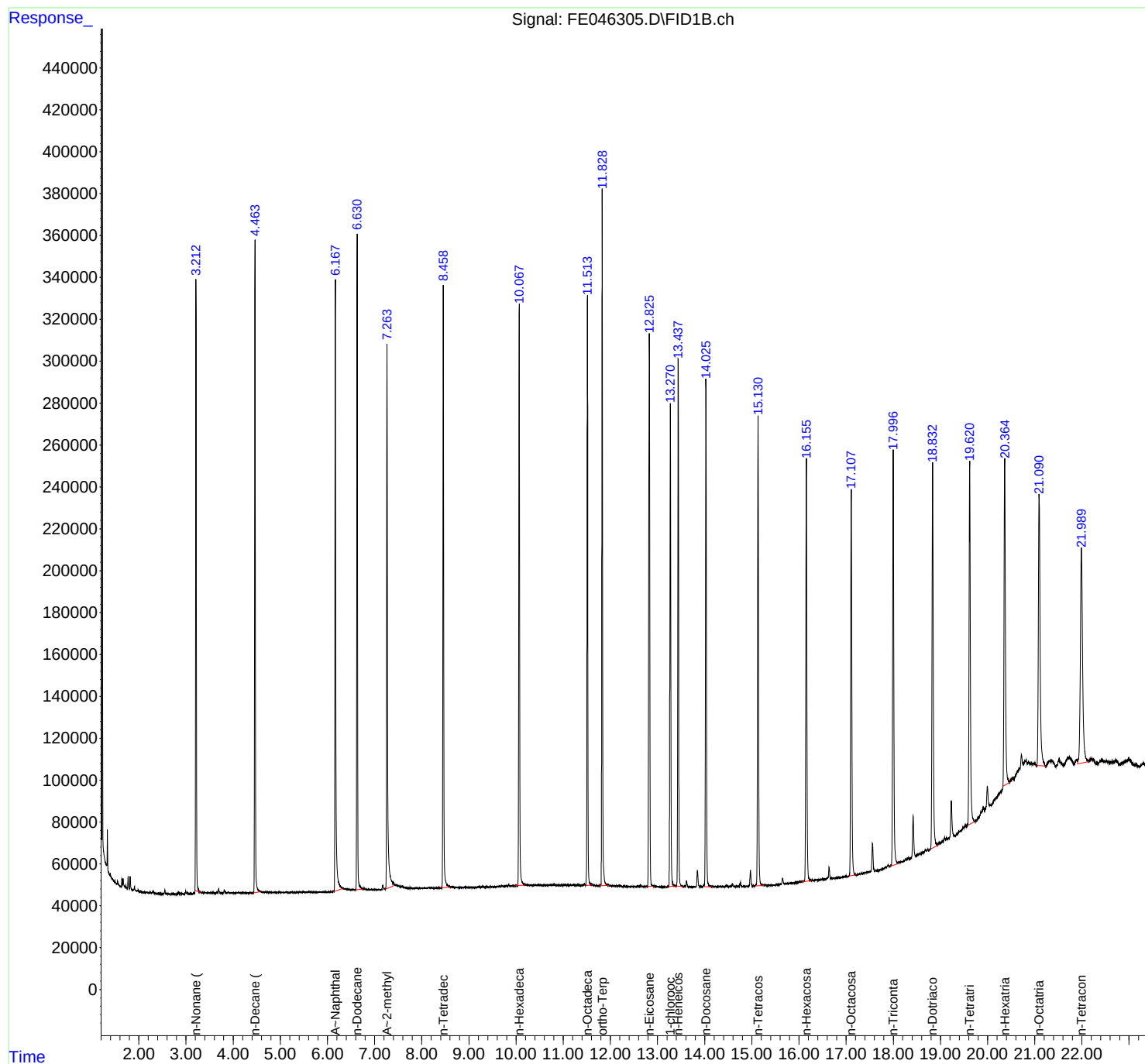
(m)=manual int.

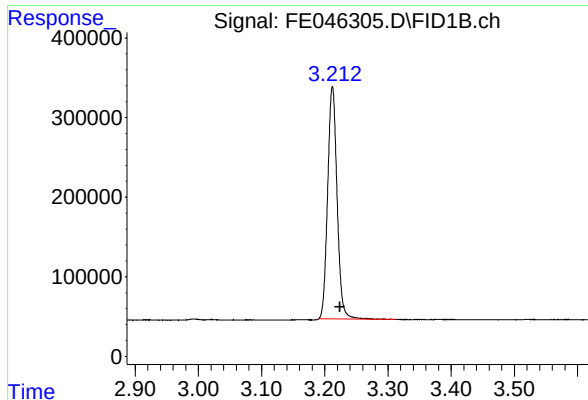
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011924AL\
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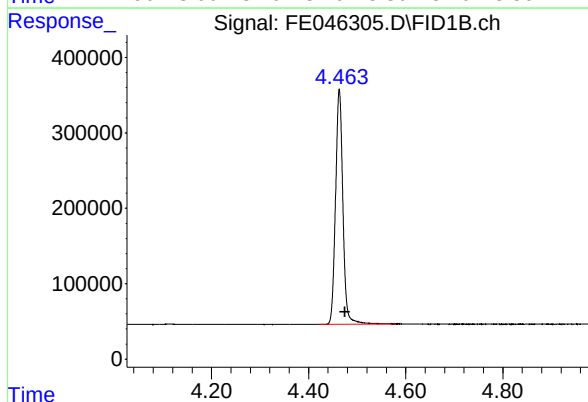




#1 n-Nonane (C9)

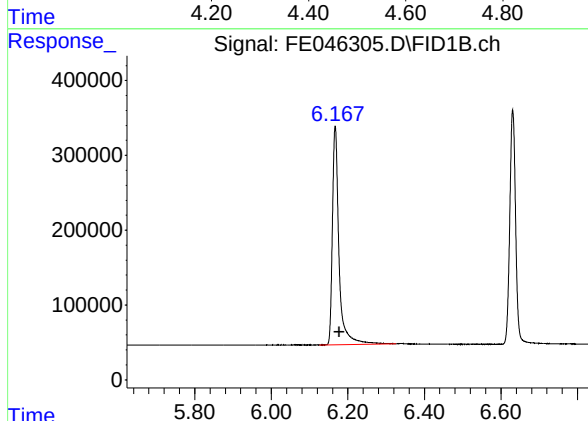
R.T.: 3.212 min
Delta R.T.: -0.012 min
Response: 3032363
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



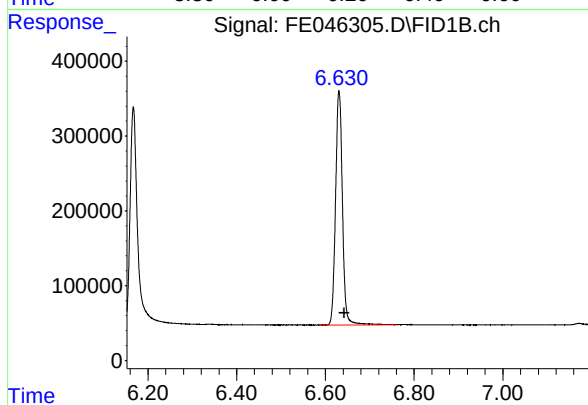
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.012 min
Response: 3272634
Conc: 21.09 ug/ml



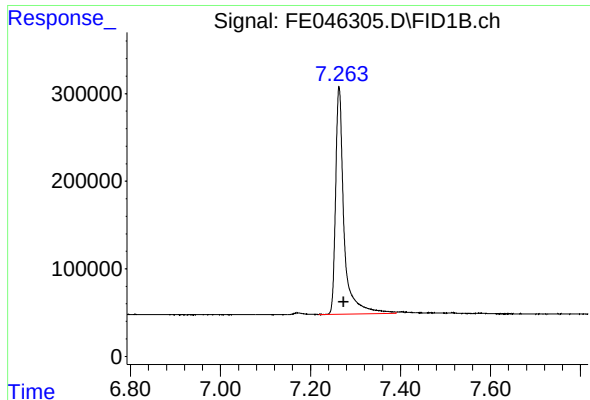
#3 A~Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.010 min
Response: 3480697
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

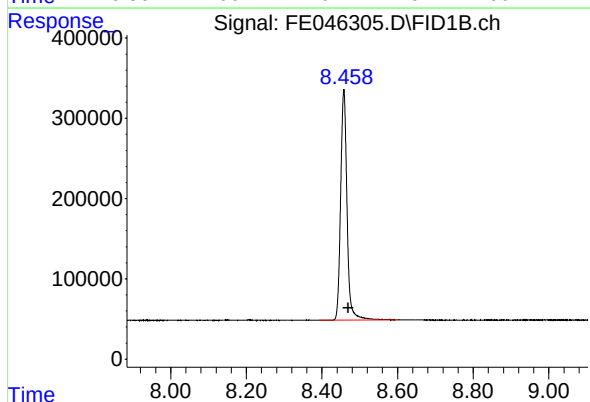
R.T.: 6.631 min
Delta R.T.: -0.012 min
Response: 3361413
Conc: 21.53 ug/ml



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

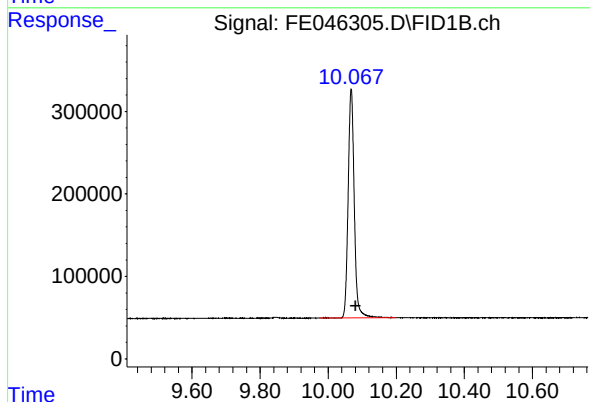
R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 3382874
Conc: 21.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



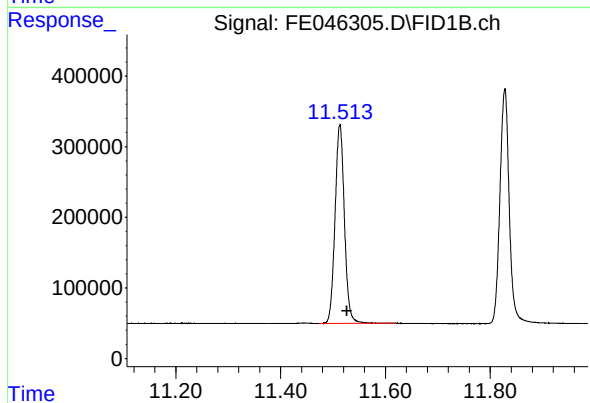
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.012 min
Response: 3359512
Conc: 21.57 ug/ml



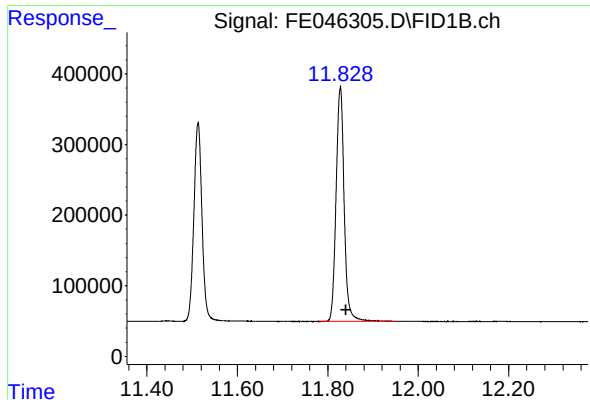
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.013 min
Response: 3463563
Conc: 21.87 ug/ml



#8 n-Octadecane (C18)

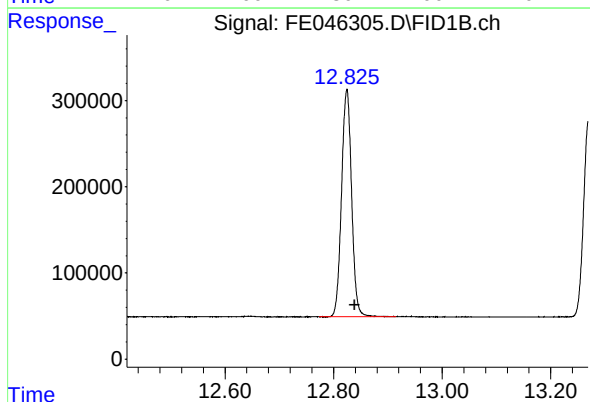
R.T.: 11.513 min
Delta R.T.: -0.014 min
Response: 3503574
Conc: 22.26 ug/ml



#9 ortho-Terphenyl (SURR)

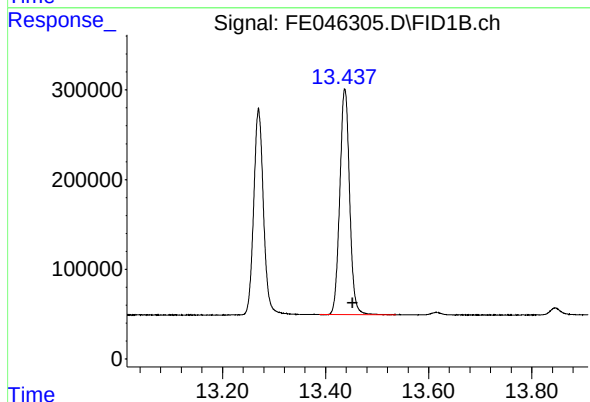
R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 4116068
Conc: 22.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



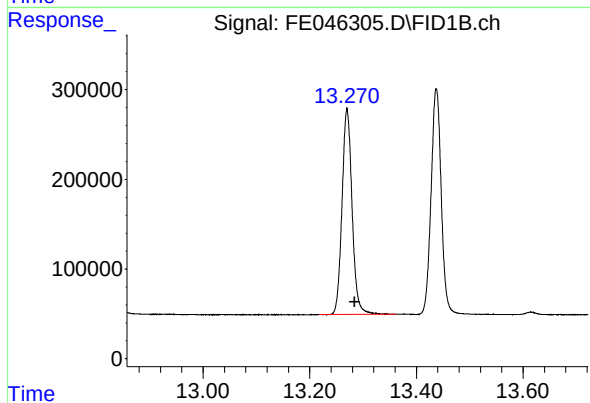
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.014 min
Response: 3393596
Conc: 22.43 ug/ml



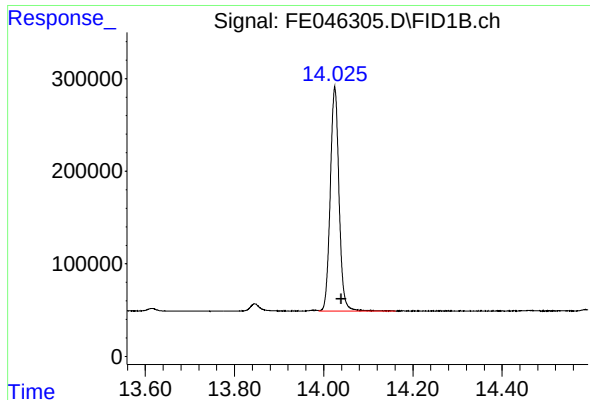
#11 n-Heneicosane (C21)

R.T.: 13.437 min
Delta R.T.: -0.015 min
Response: 3328343
Conc: 22.63 ug/ml



#12 1-chlorooctadecane (SURR)

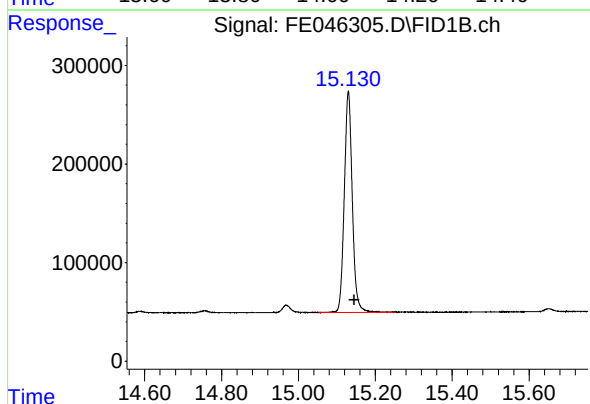
R.T.: 13.270 min
Delta R.T.: -0.014 min
Response: 3013851
Conc: 22.56 ug/ml



#13 n-Docosane (C22)

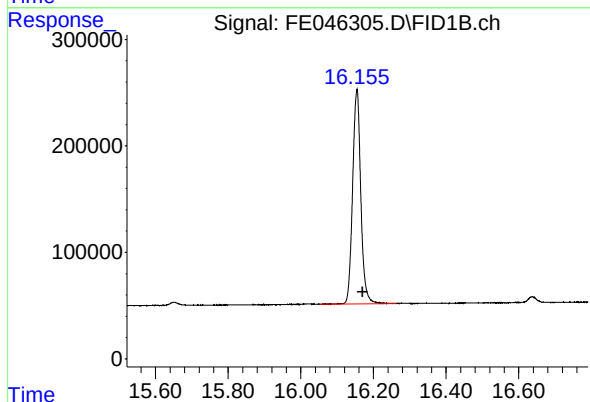
R.T.: 14.025 min
Delta R.T.: -0.014 min
Response: 3304756
Conc: 22.61 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



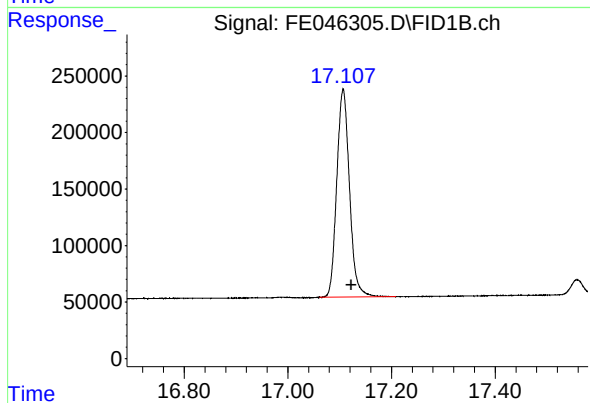
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.016 min
Response: 3241836
Conc: 22.35 ug/ml



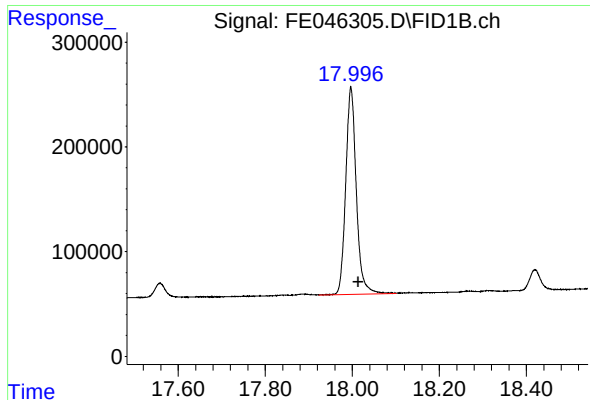
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 3155098
Conc: 22.01 ug/ml



#16 n-Octacosane (C28)

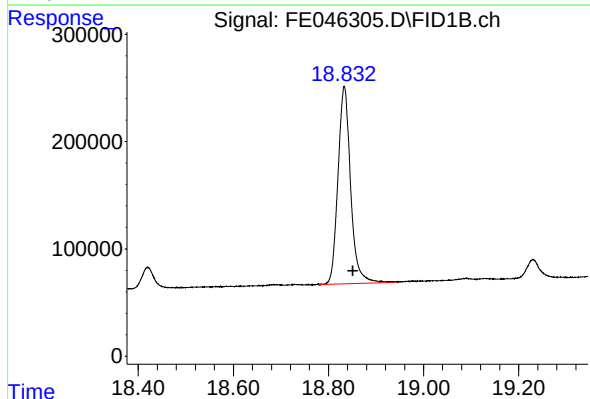
R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 3135812
Conc: 21.86 ug/ml



#17 n-Tricontane (C30)

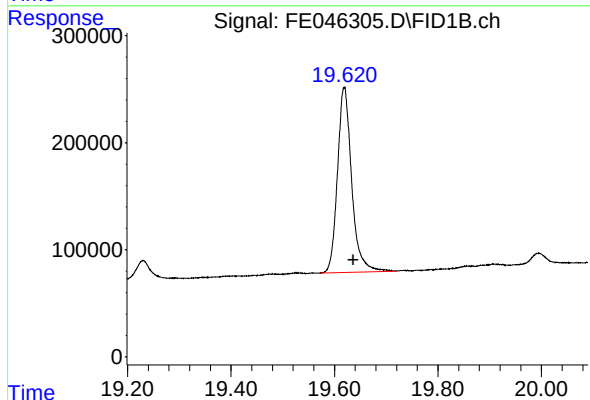
R.T.: 17.997 min
Delta R.T.: -0.017 min
Response: 3332466
Conc: 22.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



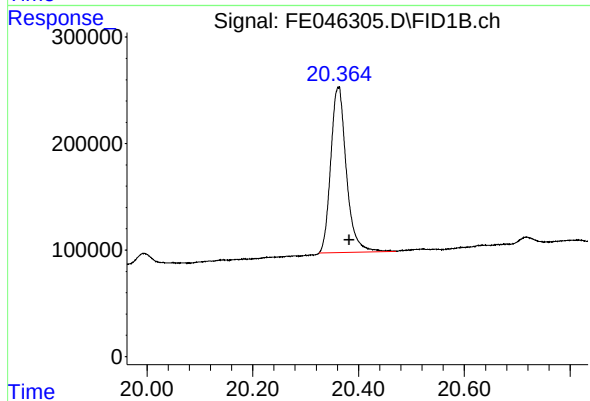
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.018 min
Response: 3385038
Conc: 22.63 ug/ml



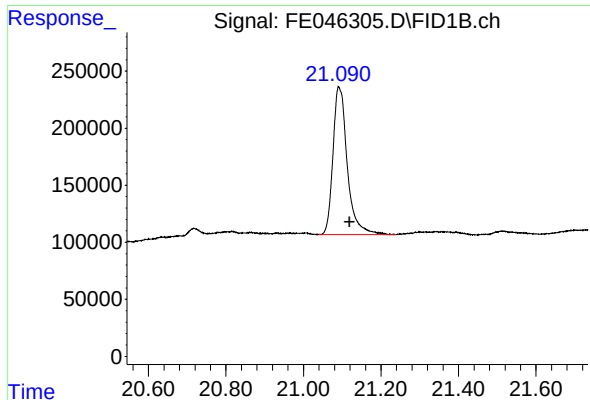
#19 n-Tetatriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 3300041
Conc: 23.04 ug/ml



#20 n-Hexatriacontane (C36)

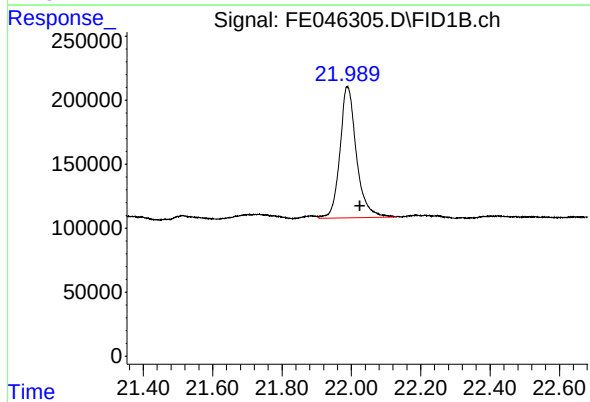
R.T.: 20.362 min
Delta R.T.: -0.020 min
Response: 3188299
Conc: 21.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.029 min
Response: 3316924
Conc: 22.49 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.037 min
Response: 3379720
Conc: 21.59 ug/ml