

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
 Data File : FE042136.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 09:00
 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: May 23 09:25:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.958	3722294	21.080 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
12) S 1-chlorooctadecane (S...	13.393	2774134	20.877 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.341	2947196	20.439 ug/ml
2) T n-Decane (C10)	4.592	3009963	20.333 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3334805	20.439 ug/ml
4) T n-Dodecane (C12)	6.759	3069847	20.472 ug/ml
5) T A~2-methylnaphthalene...	7.394	3243151	20.435 ug/ml
6) T n-Tetradecane (C14)	8.588	3076355	20.535 ug/ml
7) T n-Hexadecane (C16)	10.195	3224372	20.700 ug/ml
8) T n-Octadecane (C18)	11.638	3294460	20.833 ug/ml
10) T n-Eicosane (C20)	12.948	3184264	21.007 ug/ml
11) T n-Heneicosane (C21)	13.560	3124122	21.087 ug/ml
13) T n-Docosane (C22)	14.147	3092651	21.096 ug/ml
14) T n-Tetracosane (C24)	15.249	3041309	21.068 ug/ml
15) T n-Hexacosane (C26)	16.270	2929321	21.151 ug/ml
16) T n-Octacosane (C28)	17.219	2814250	21.020 ug/ml
17) T n-Tricontane (C30)	18.105	2842002	21.053 ug/ml
18) T n-Dotriacontane (C32)	18.938	2776472	20.783 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2618843	19.914 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2459005	18.919 ug/ml
21) T n-Octatriacontane (C38)	21.208	2413667	17.790 ug/ml
22) T n-Tetracontane (C40)	22.139	2335527	16.788 ug/ml

(f)=RT Delta > 1/2 Window

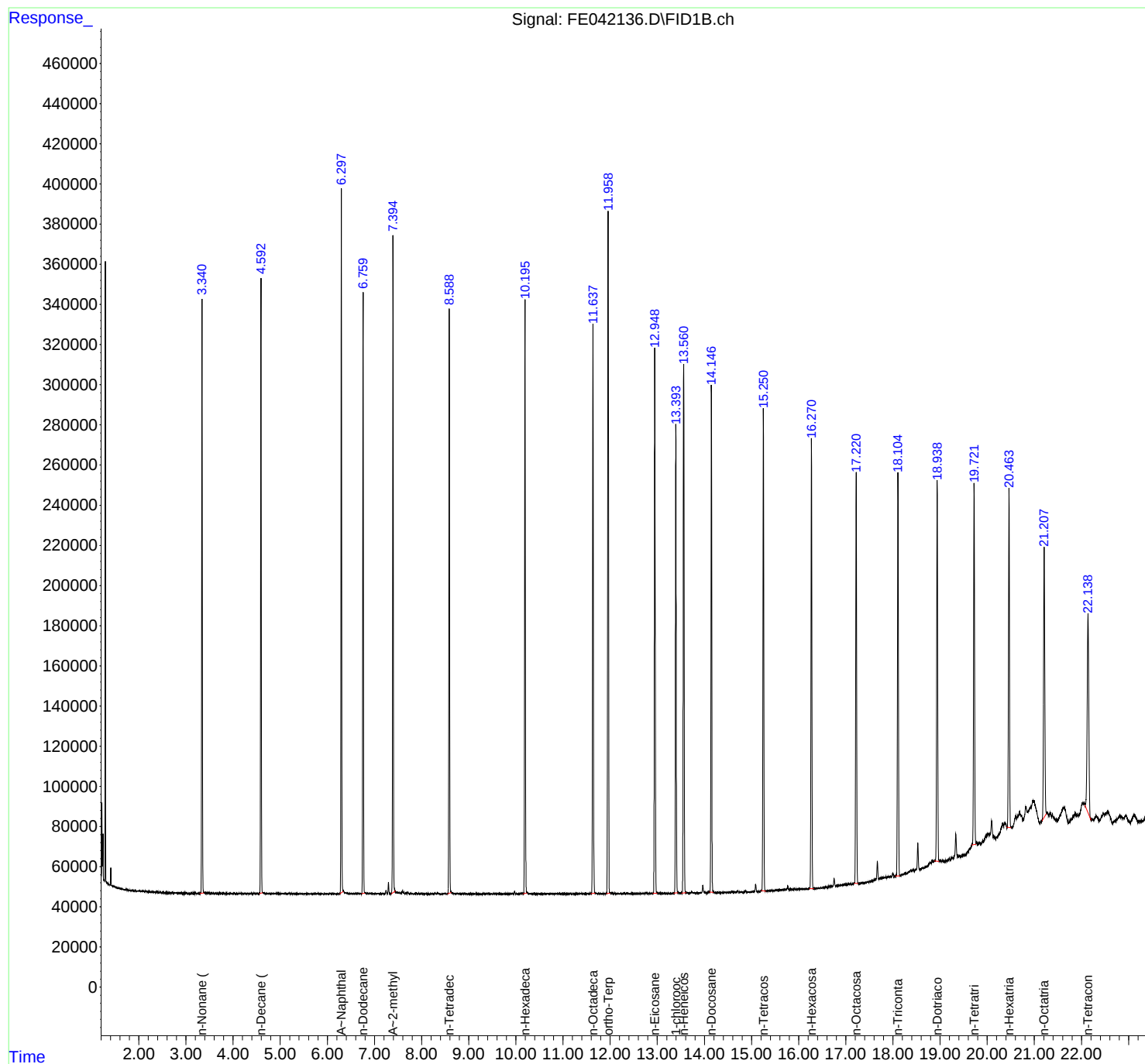
(m)=manual int.

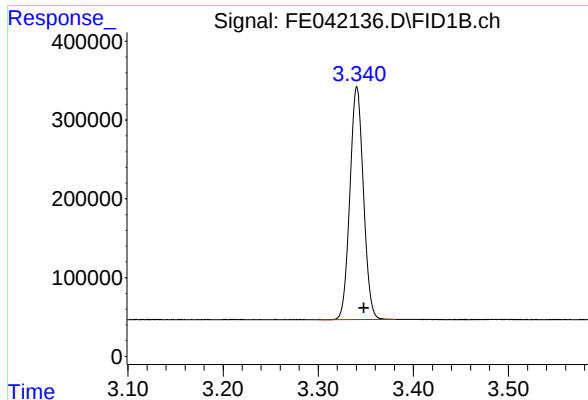
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
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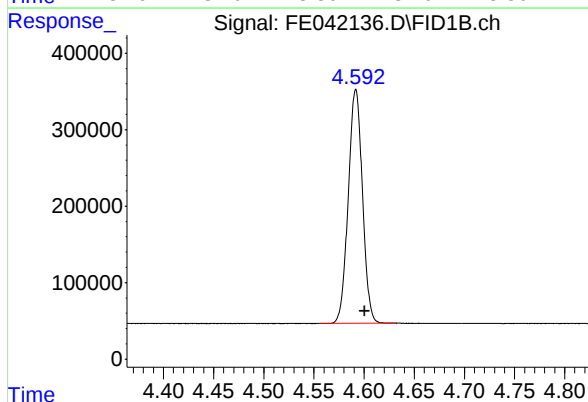




#1 n-Nonane (C9)

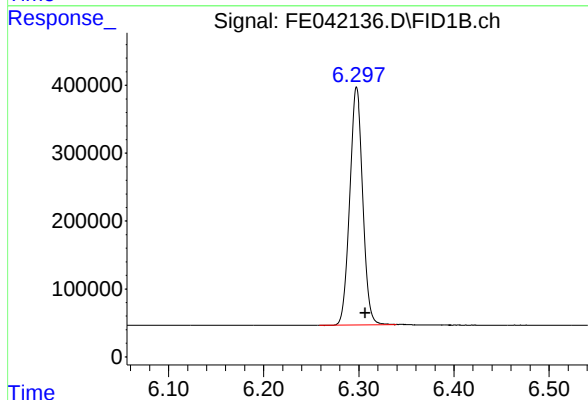
R.T.: 3.341 min
Delta R.T.: -0.007 min
Response: 2947196
Conc: 20.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



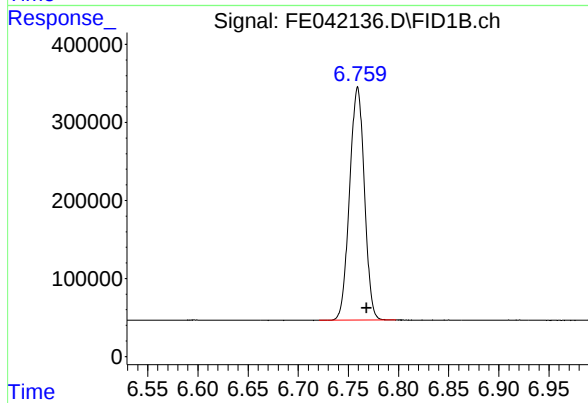
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.009 min
Response: 3009963
Conc: 20.33 ug/ml



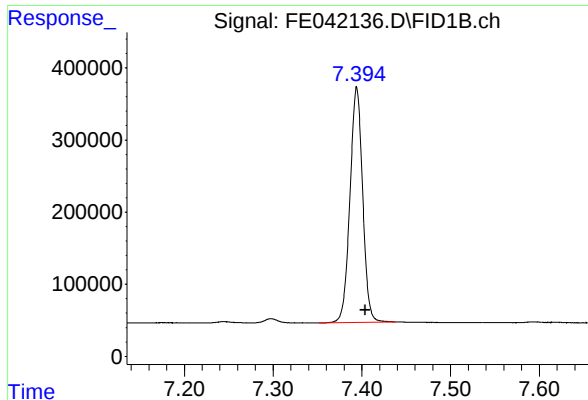
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 3334805
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

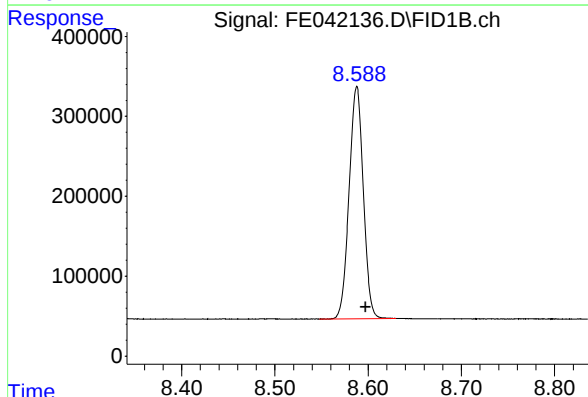
R.T.: 6.759 min
Delta R.T.: -0.009 min
Response: 3069847
Conc: 20.47 ug/ml



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

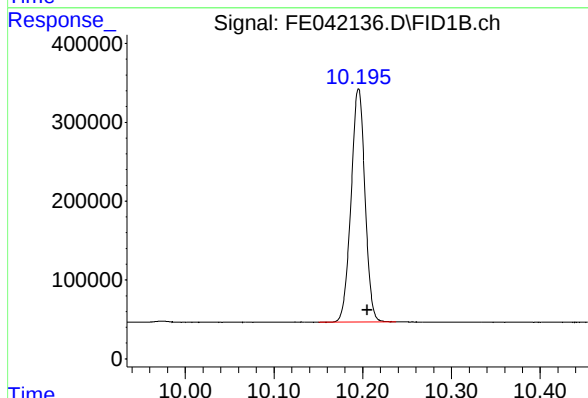
R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 3243151
Conc: 20.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



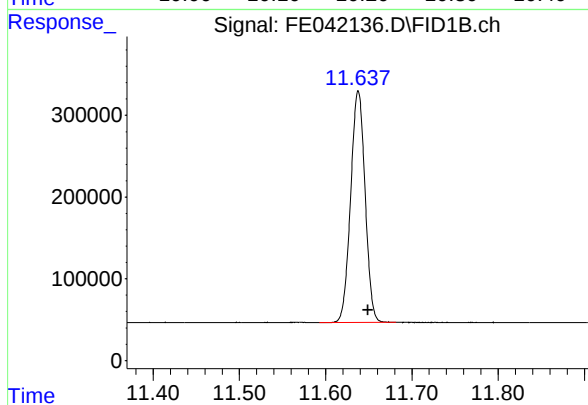
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.009 min
Response: 3076355
Conc: 20.54 ug/ml



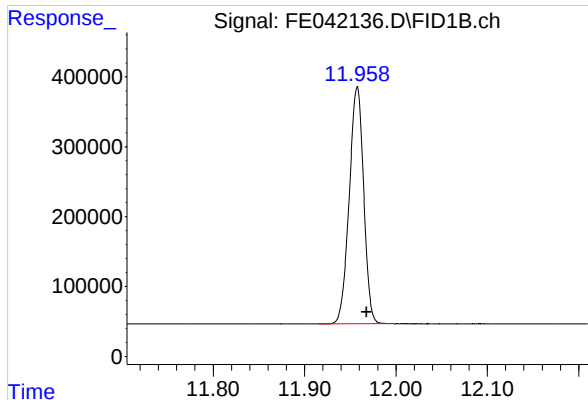
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.010 min
Response: 3224372
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

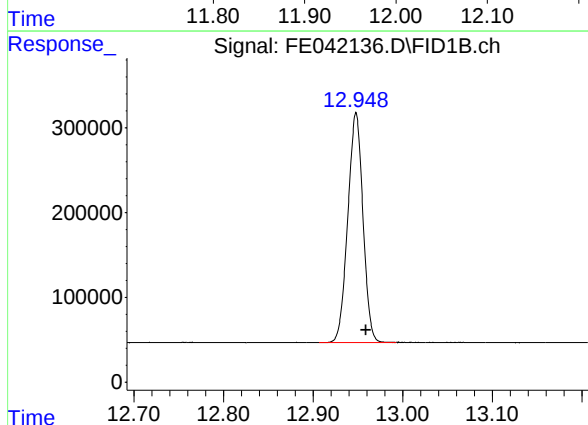
R.T.: 11.638 min
Delta R.T.: -0.011 min
Response: 3294460
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

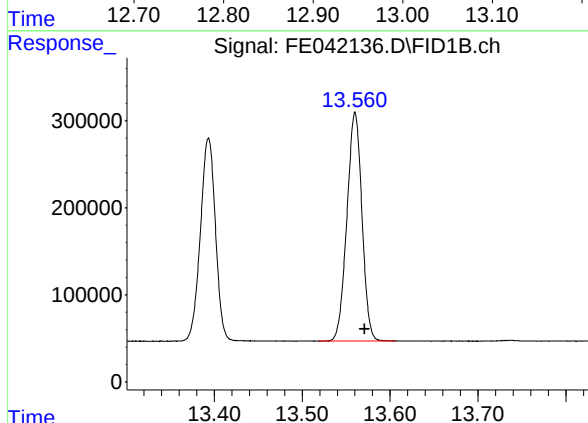
R.T.: 11.958 min
Delta R.T.: -0.010 min
Response: 3722294
Conc: 21.08 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



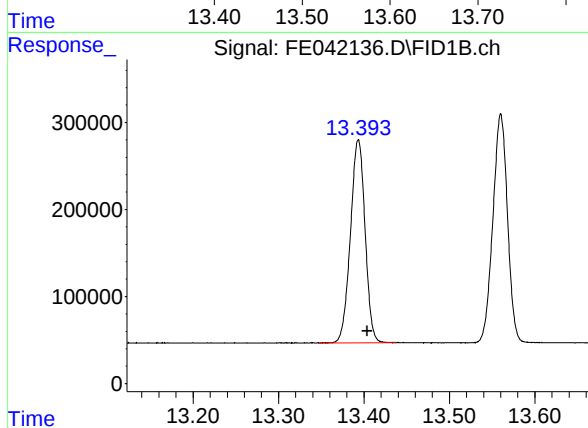
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.011 min
Response: 3184264
Conc: 21.01 ug/ml



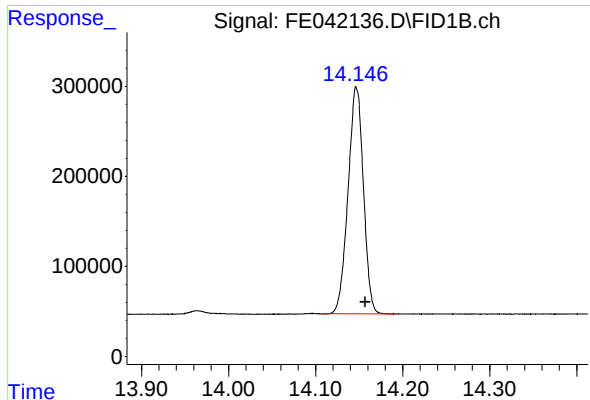
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 3124122
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

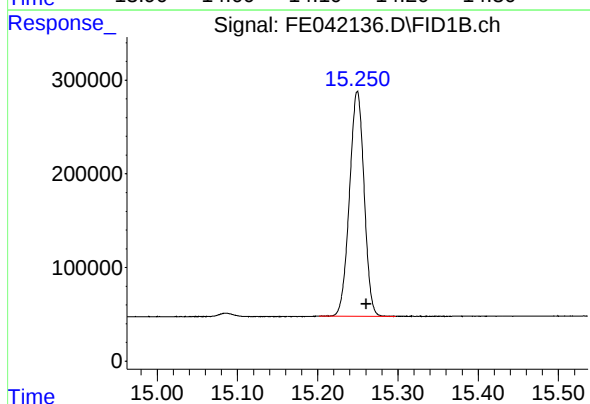
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 2774134
Conc: 20.88 ug/ml



#13 n-Docosane (C22)

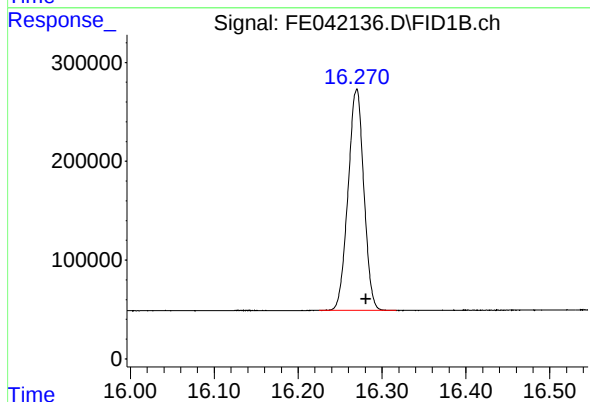
R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 3092651
Conc: 21.10 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



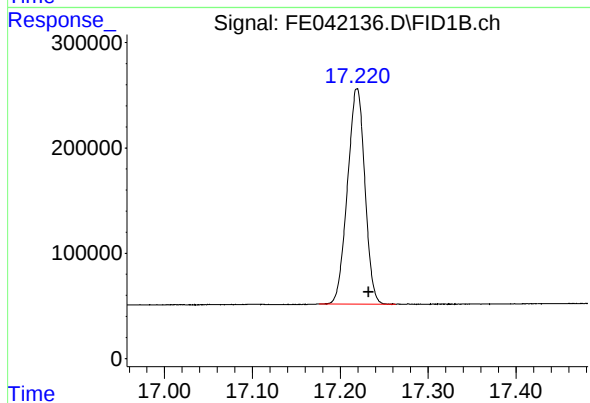
#14 n-Tetracosane (C24)

R.T.: 15.249 min
Delta R.T.: -0.011 min
Response: 3041309
Conc: 21.07 ug/ml



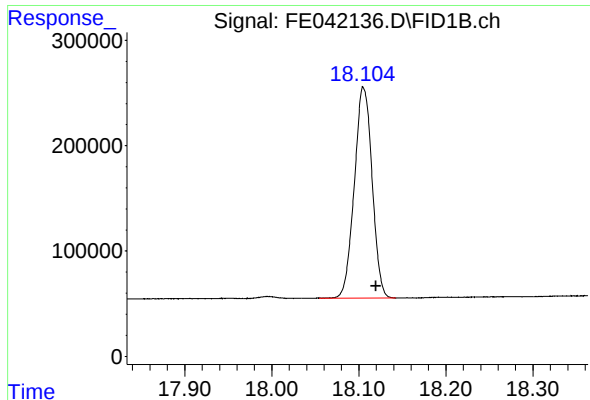
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.011 min
Response: 2929321
Conc: 21.15 ug/ml



#16 n-Octacosane (C28)

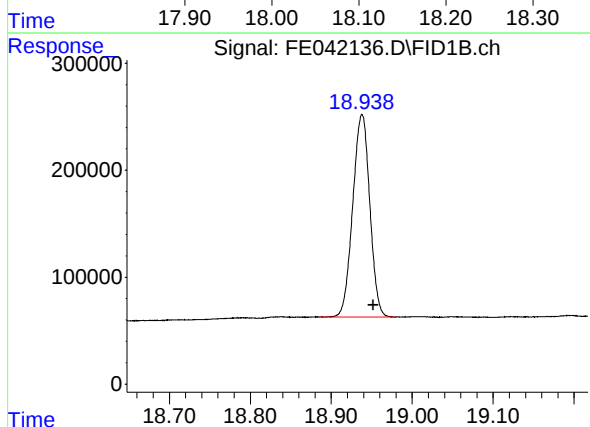
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 2814250
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

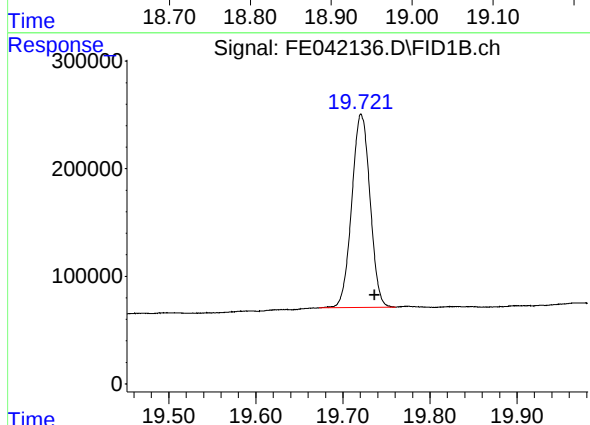
R.T.: 18.105 min
Delta R.T.: -0.015 min
Response: 2842002
Conc: 21.05 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



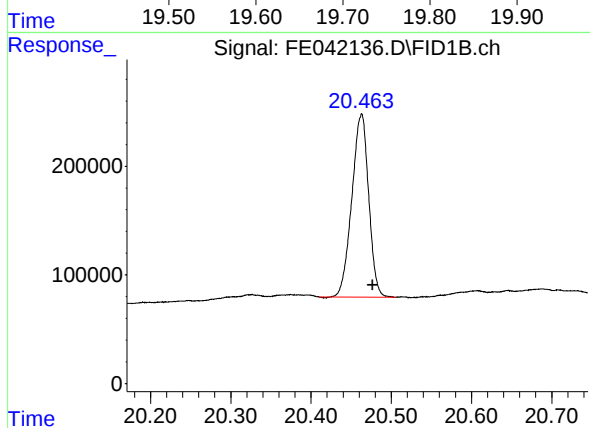
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 2776472
Conc: 20.78 ug/ml



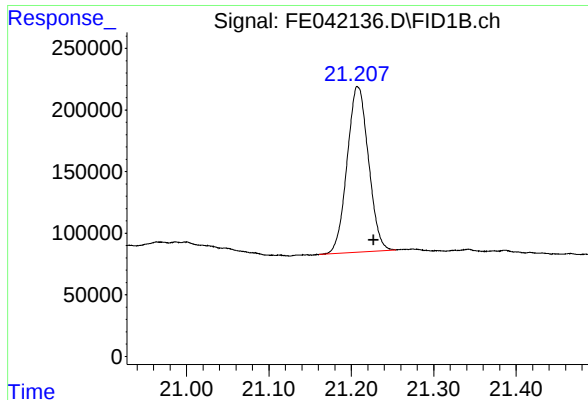
#19 n-Tetatriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.016 min
Response: 2618843
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

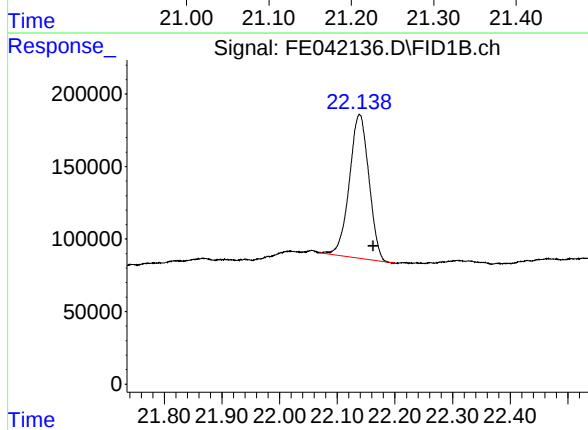
R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 2459005
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.020 min
Response: 2413667
Conc: 17.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.024 min
Response: 2335527
Conc: 16.79 ug/ml