

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091923AL\
 Data File : FE044338.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2023 12:52
 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: Sep 20 01:40:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.928	3627796	19.149 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	13.367	2688725	19.463 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.315	3037815	18.622 ug/ml
2) T n-Decane (C10)	4.566	3093233	18.610 ug/ml
3) T A~Naphthalene (C11.7)	6.267	3339351	18.648 ug/ml
4) T n-Dodecane (C12)	6.730	3113527	18.514 ug/ml
5) T A~2-methylnaphthalene...	7.363	3249187	18.953 ug/ml
6) T n-Tetradecane (C14)	8.557	3092028	18.437 ug/ml
7) T n-Hexadecane (C16)	10.166	3142562	18.182 ug/ml
8) T n-Octadecane (C18)	11.611	3145311	18.069 ug/ml
10) T n-Eicosane (C20)	12.923	3029653	18.316 ug/ml
11) T n-Heneicosane (C21)	13.536	2966327	18.339 ug/ml
13) T n-Docosane (C22)	14.123	2916246	18.254 ug/ml
14) T n-Tetracosane (C24)	15.226	2846353	18.202 ug/ml
15) T n-Hexacosane (C26)	16.249	2764259	18.336 ug/ml
16) T n-Octacosane (C28)	17.200	2707153	18.759 ug/ml
17) T n-Tricontane (C30)	18.088	2827254	19.461 ug/ml
18) T n-Dotriacontane (C32)	18.924	2863745	20.104 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2776448	19.840 ug/ml
20) T n-Hexatriacontane (C36)	20.450	2770931	20.212 ug/ml
21) T n-Octatriacontane (C38)	21.194	2743836	19.766 ug/ml
22) T n-Tetracontane (C40)	22.115	2923681	21.146 ug/ml

(f)=RT Delta > 1/2 Window

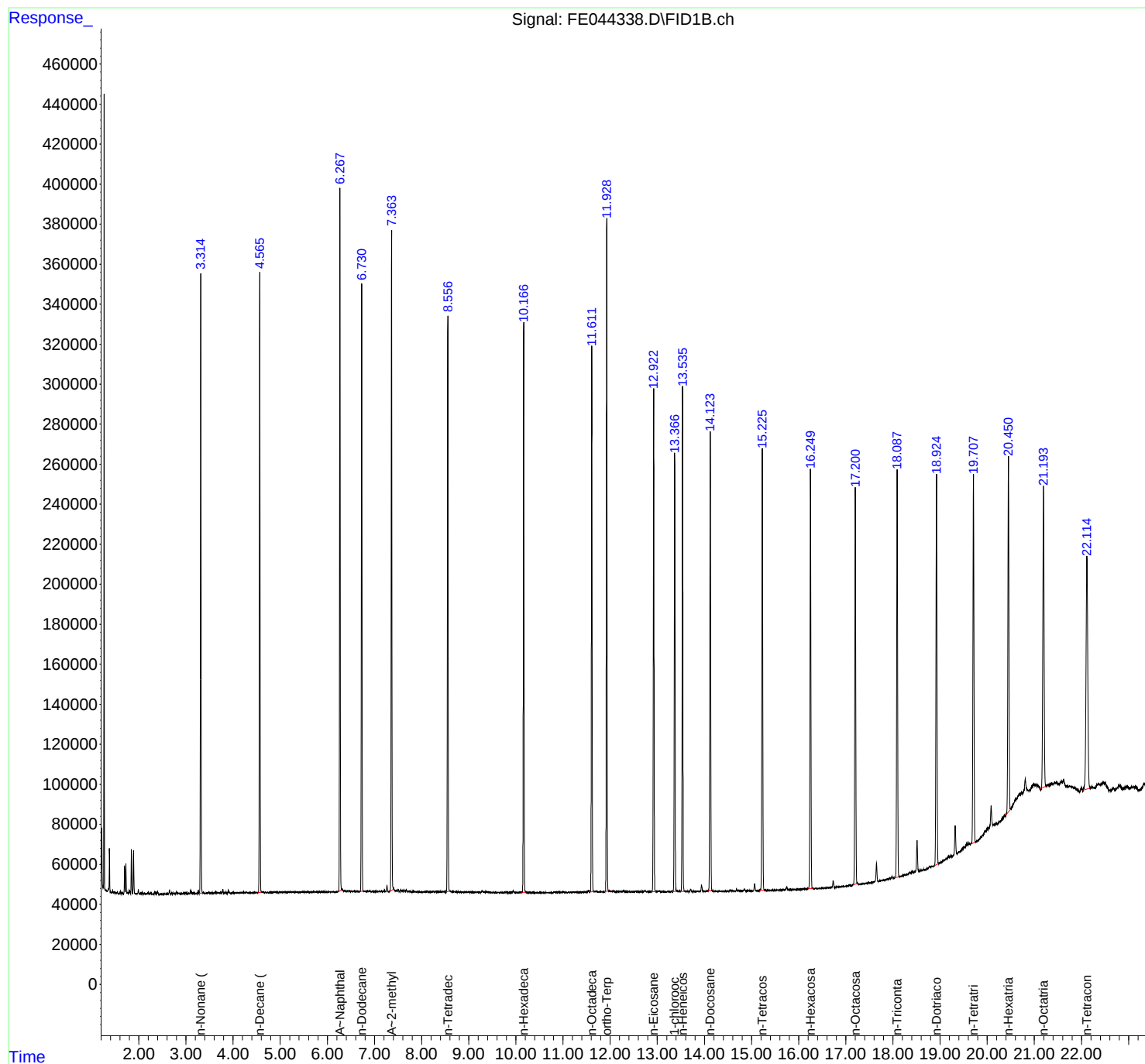
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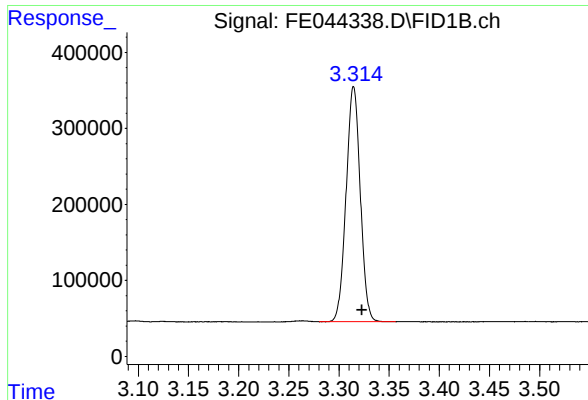
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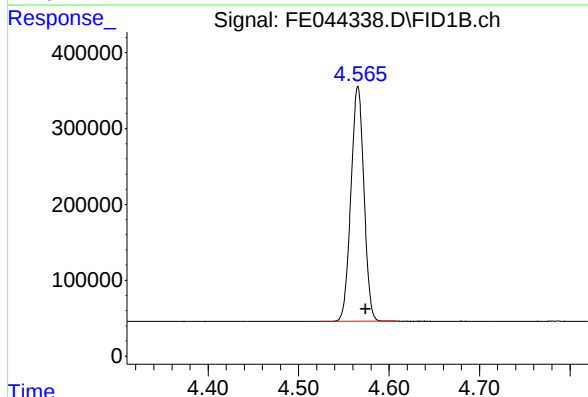




#1 n-Nonane (C9)

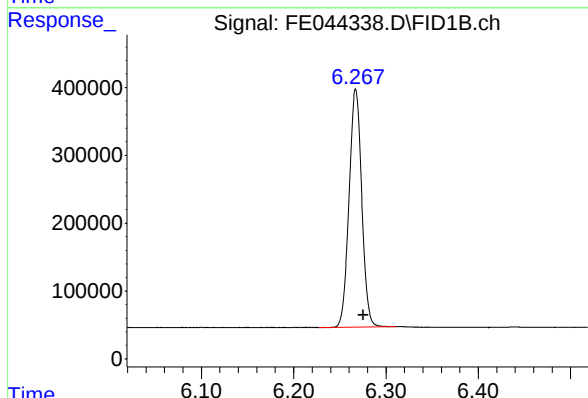
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3037815
Conc: 18.62 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



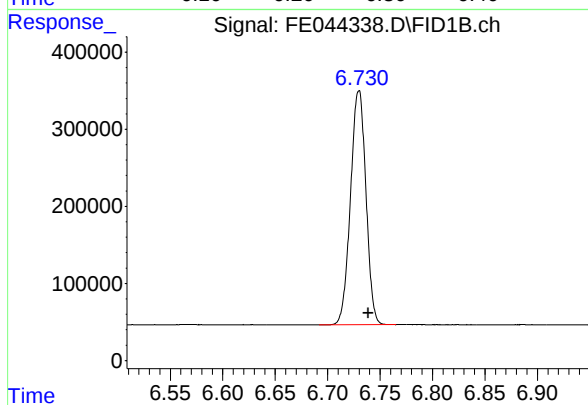
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.009 min
Response: 3093233
Conc: 18.61 ug/ml



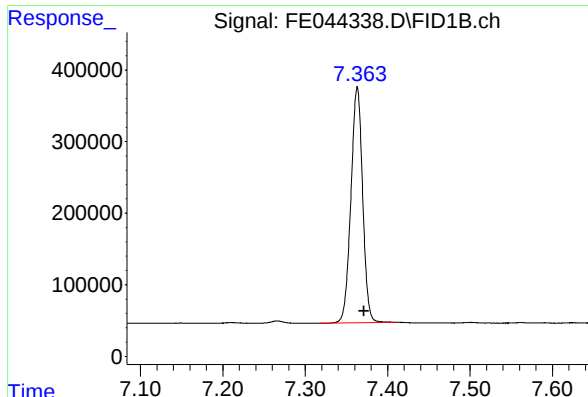
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.008 min
Response: 3339351
Conc: 18.65 ug/ml



#4 n-Dodecane (C12)

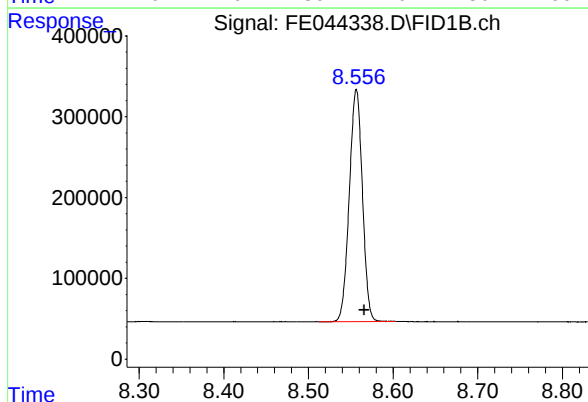
R.T.: 6.730 min
Delta R.T.: -0.009 min
Response: 3113527
Conc: 18.51 ug/ml



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

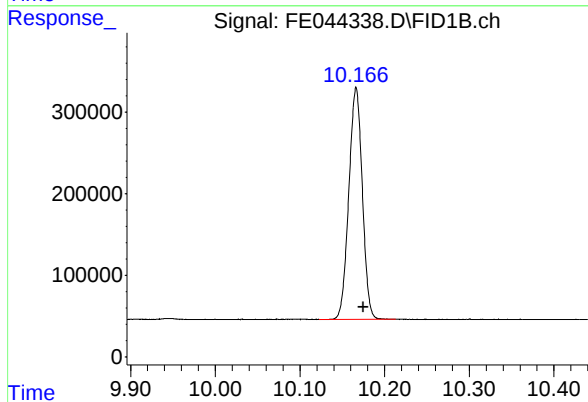
R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 3249187
Conc: 18.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



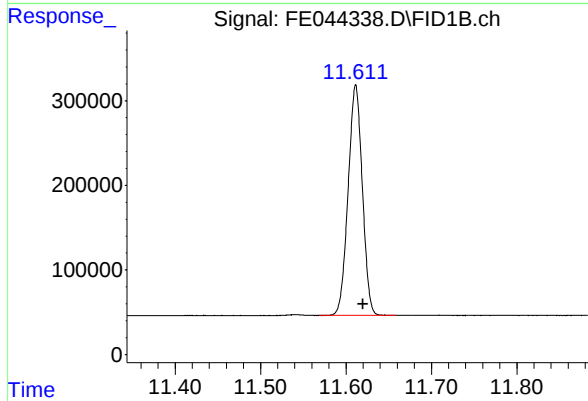
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.009 min
Response: 3092028
Conc: 18.44 ug/ml



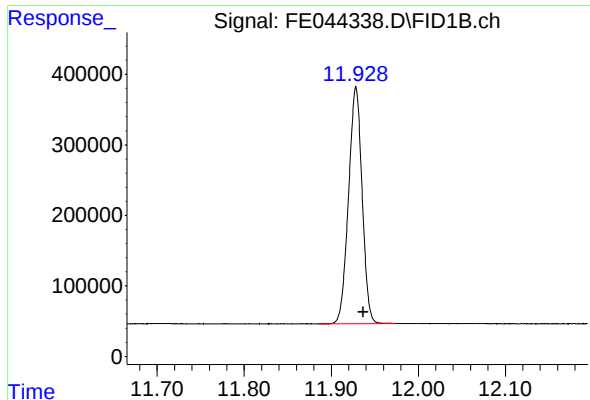
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.008 min
Response: 3142562
Conc: 18.18 ug/ml



#8 n-Octadecane (C18)

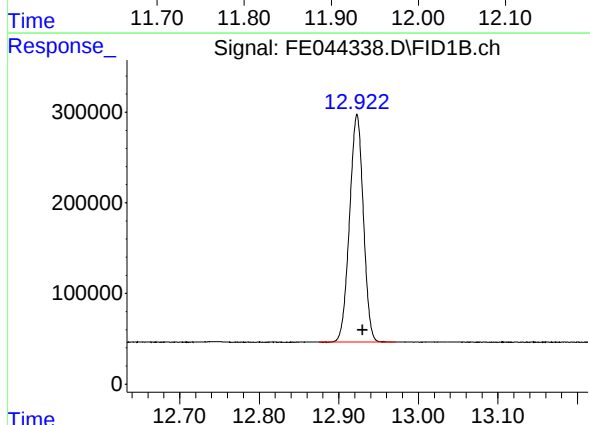
R.T.: 11.611 min
Delta R.T.: -0.008 min
Response: 3145311
Conc: 18.07 ug/ml



#9 ortho-Terphenyl (SURR)

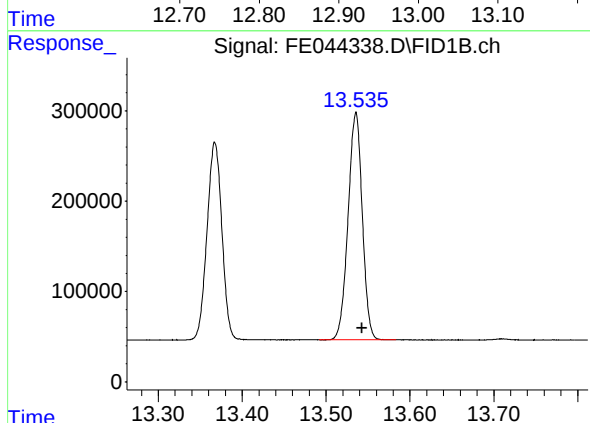
R.T.: 11.928 min
Delta R.T.: -0.008 min
Response: 3627796
Conc: 19.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



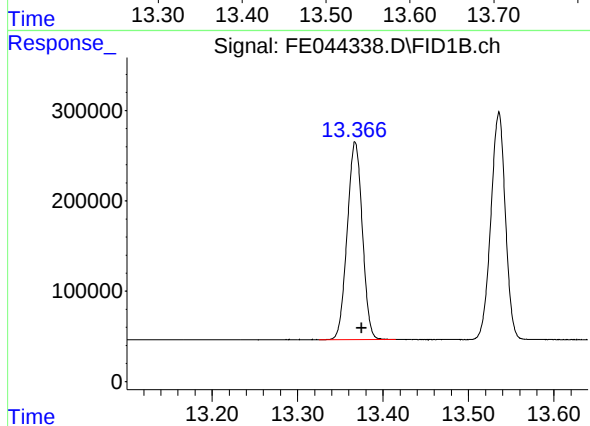
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.007 min
Response: 3029653
Conc: 18.32 ug/ml



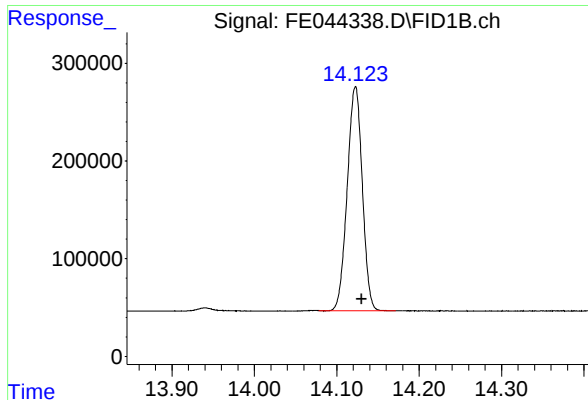
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.007 min
Response: 2966327
Conc: 18.34 ug/ml



#12 1-chlorooctadecane (SURR)

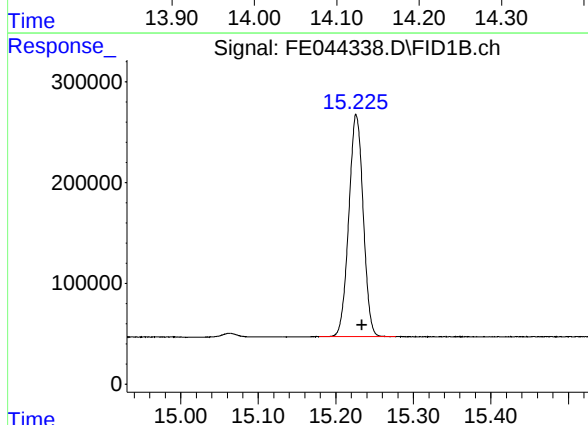
R.T.: 13.367 min
Delta R.T.: -0.008 min
Response: 2688725
Conc: 19.46 ug/ml



#13 n-Docosane (C22)

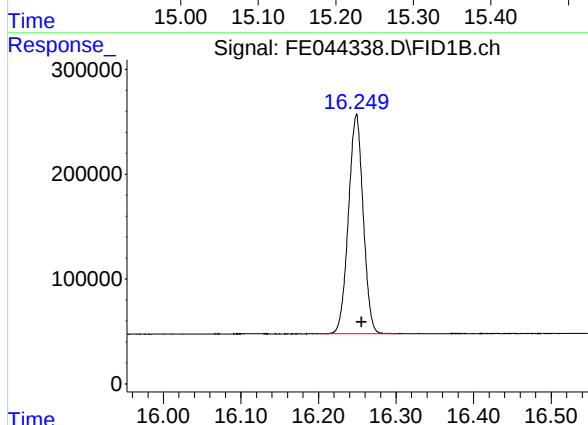
R.T.: 14.123 min
Delta R.T.: -0.007 min
Response: 2916246
Conc: 18.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



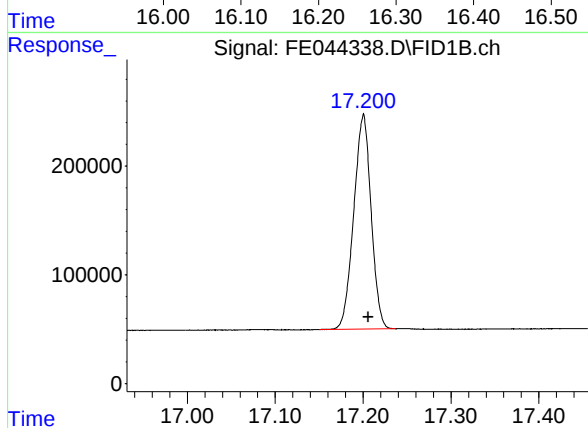
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.007 min
Response: 2846353
Conc: 18.20 ug/ml



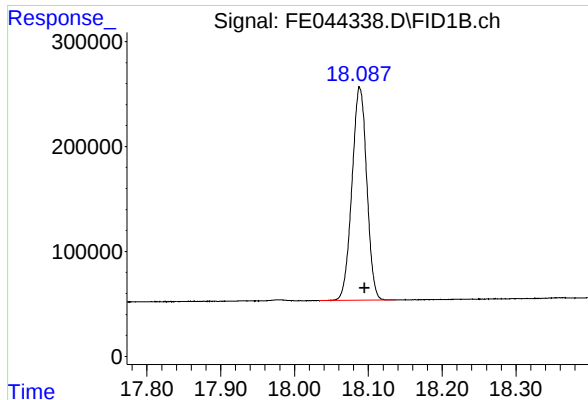
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: -0.007 min
Response: 2764259
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

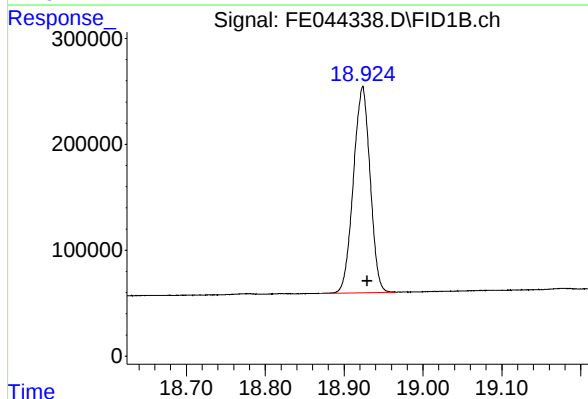
R.T.: 17.200 min
Delta R.T.: -0.006 min
Response: 2707153
Conc: 18.76 ug/ml



#17 n-Tricontane (C30)

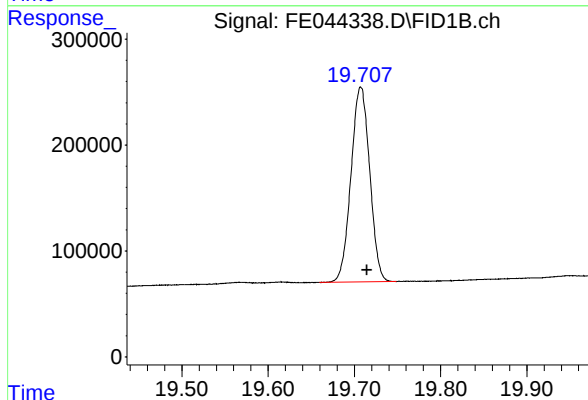
R.T.: 18.088 min
Delta R.T.: -0.006 min
Response: 2827254
Conc: 19.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



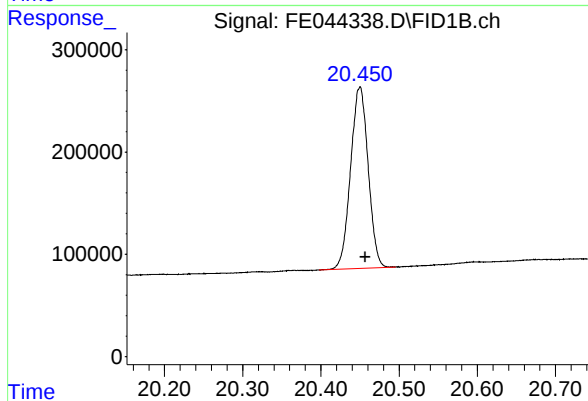
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.006 min
Response: 2863745
Conc: 20.10 ug/ml



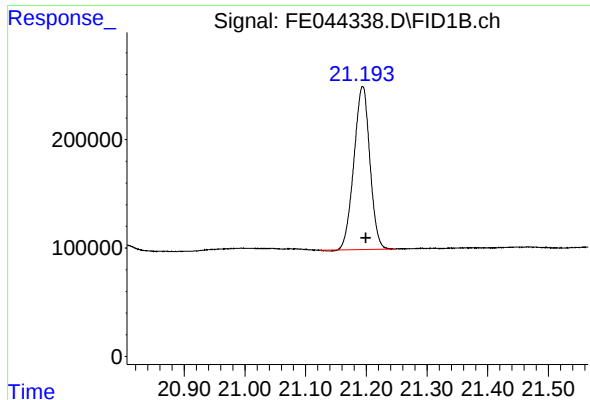
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.007 min
Response: 2776448
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

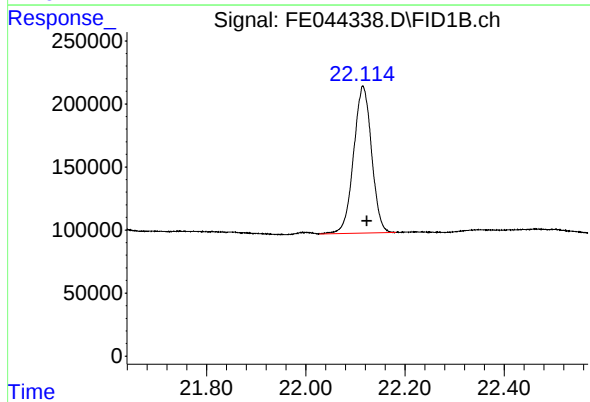
R.T.: 20.450 min
Delta R.T.: -0.007 min
Response: 2770931
Conc: 20.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.006 min
Response: 2743836
Conc: 19.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.008 min
Response: 2923681
Conc: 21.15 ug/ml