

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
 Data File : FE042100.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2023 11:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 01:09:37 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	3973273	22.501 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
12) S 1-chlorooctadecane (S...	13.394	2978703	22.417 ug/ml
Spiked Amount 50.000		Recovery =	44.83%
Target Compounds			
1) T n-Nonane (C9)	3.342	3078033	21.346 ug/ml
2) T n-Decane (C10)	4.593	3150901	21.285 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3489705	21.388 ug/ml
4) T n-Dodecane (C12)	6.760	3208911	21.399 ug/ml
5) T A~2-methylnaphthalene...	7.394	3398096	21.412 ug/ml
6) T n-Tetradecane (C14)	8.589	3214754	21.459 ug/ml
7) T n-Hexadecane (C16)	10.196	3386374	21.740 ug/ml
8) T n-Octadecane (C18)	11.640	3487465	22.054 ug/ml
10) T n-Eicosane (C20)	12.948	3399726	22.428 ug/ml
11) T n-Heneicosane (C21)	13.561	3350311	22.614 ug/ml
13) T n-Docosane (C22)	14.146	3334431	22.745 ug/ml
14) T n-Tetracosane (C24)	15.248	3301863	22.873 ug/ml
15) T n-Hexacosane (C26)	16.269	3191797	23.046 ug/ml
16) T n-Octacosane (C28)	17.219	3038950	22.698 ug/ml
17) T n-Tricontane (C30)	18.106	2997064	22.202 ug/ml
18) T n-Dotriacontane (C32)	18.939	2858707	21.399 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2702186	20.547 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2546071	19.589 ug/ml
21) T n-Octatriacontane (C38)	21.211	2506191	18.472 ug/ml
22) T n-Tetracontane (C40)	22.142	2486342	17.872 ug/ml

(f)=RT Delta > 1/2 Window

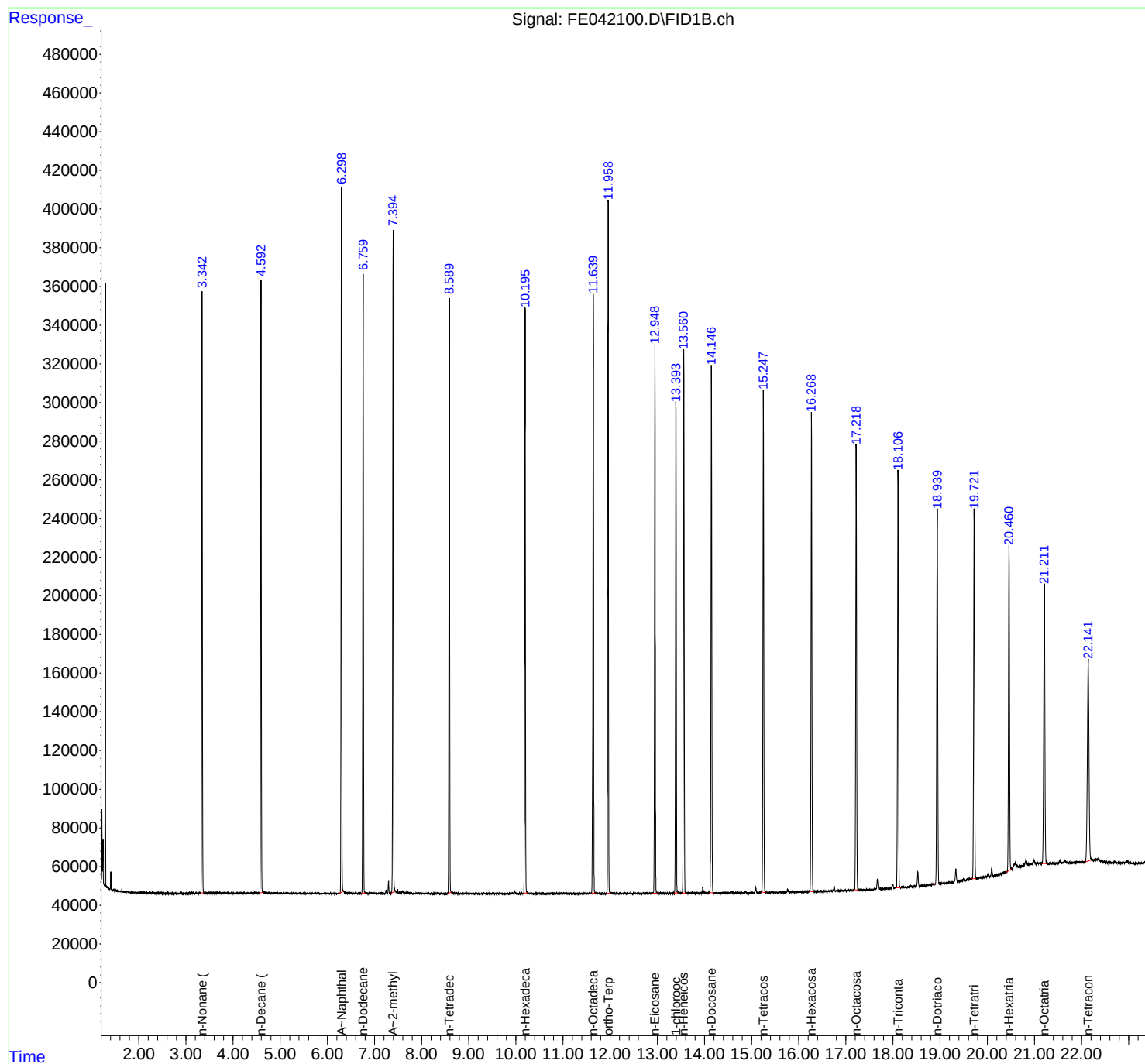
(m)=manual int.

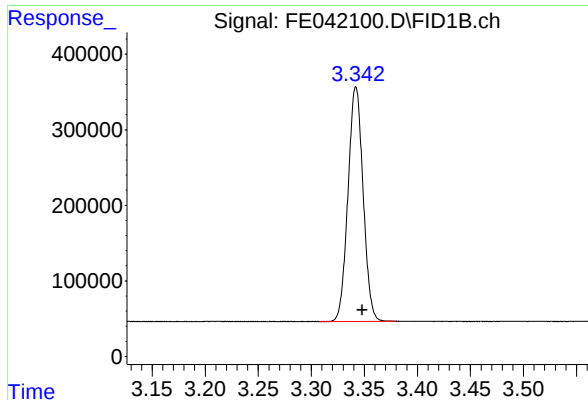
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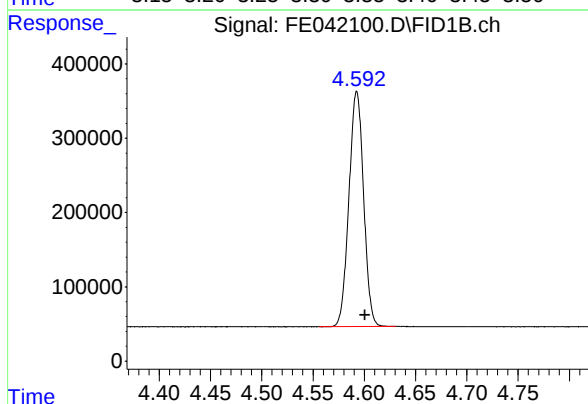




#1 n-Nonane (C9)

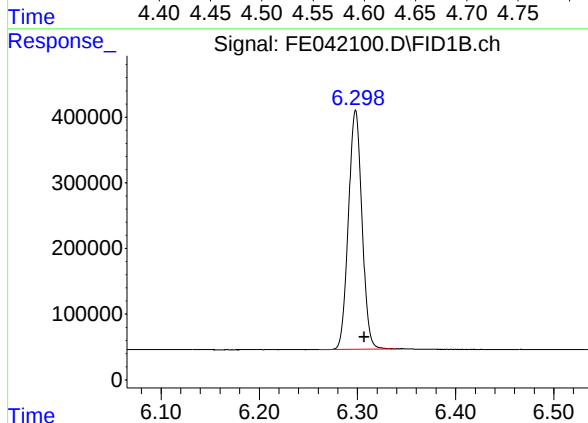
R.T.: 3.342 min
Delta R.T.: -0.006 min
Response: 3078033
Conc: 21.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



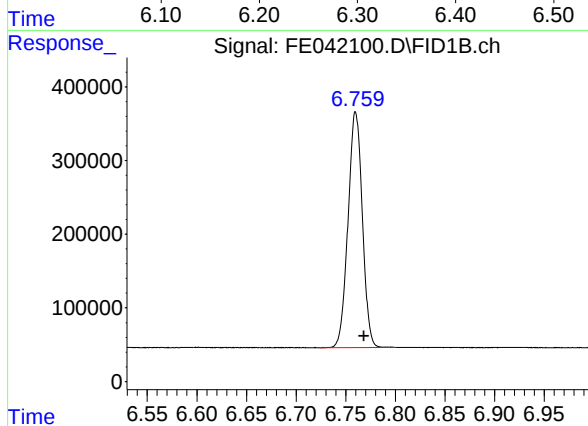
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.008 min
Response: 3150901
Conc: 21.28 ug/ml



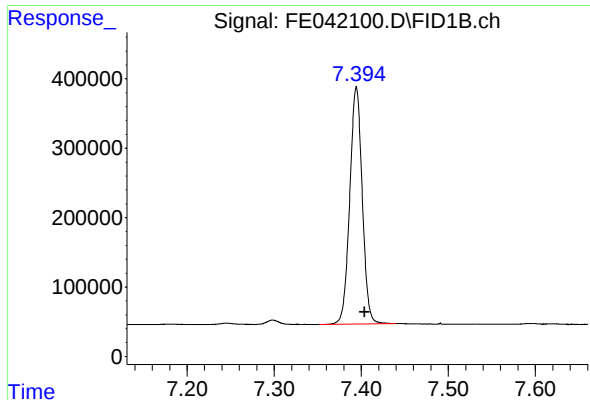
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.009 min
Response: 3489705
Conc: 21.39 ug/ml



#4 n-Dodecane (C12)

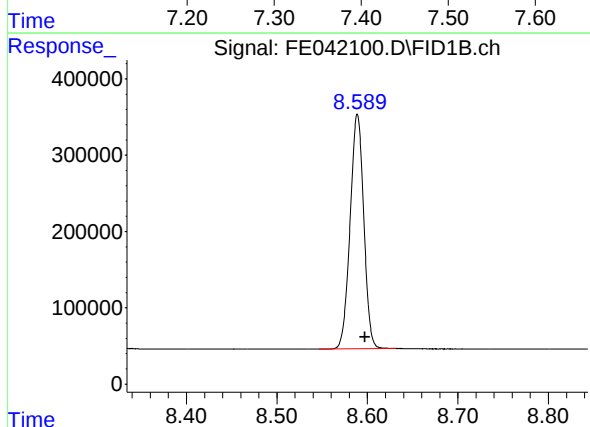
R.T.: 6.760 min
Delta R.T.: -0.008 min
Response: 3208911
Conc: 21.40 ug/ml



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

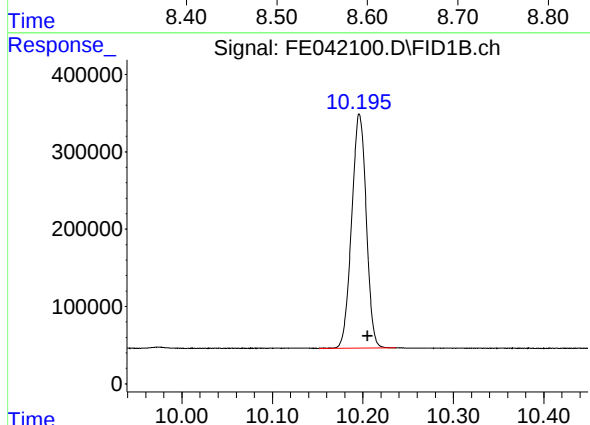
R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 3398096
Conc: 21.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



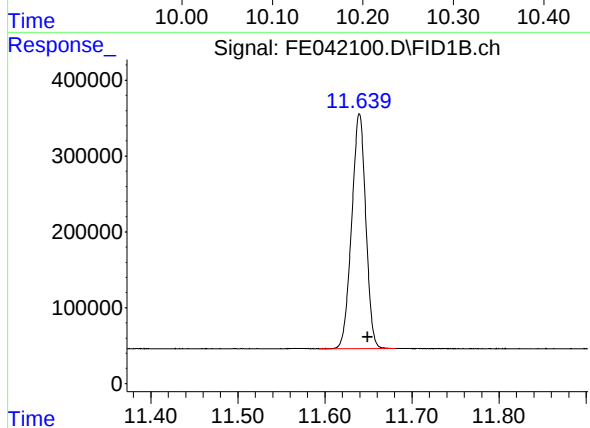
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.008 min
Response: 3214754
Conc: 21.46 ug/ml



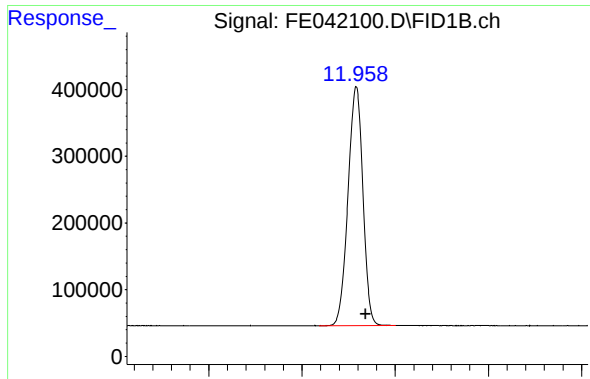
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 3386374
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

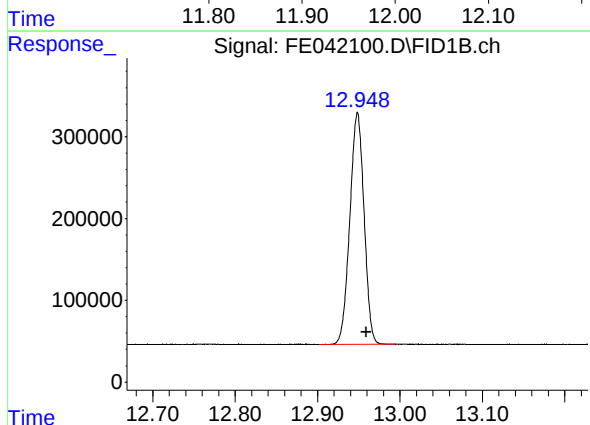
R.T.: 11.640 min
Delta R.T.: -0.009 min
Response: 3487465
Conc: 22.05 ug/ml



#9 ortho-Terphenyl (SURR)

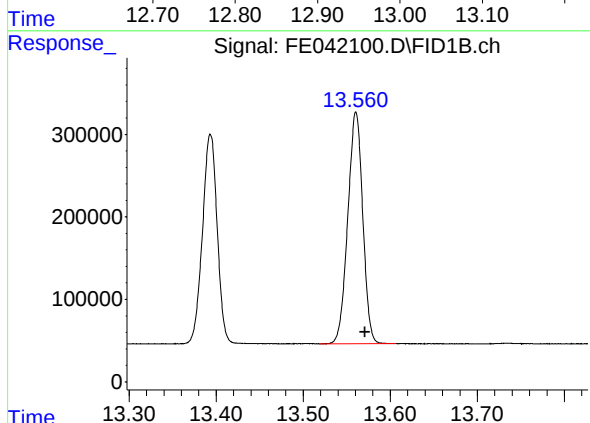
R.T.: 11.958 min
Delta R.T.: -0.010 min
Response: 3973273
Conc: 22.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



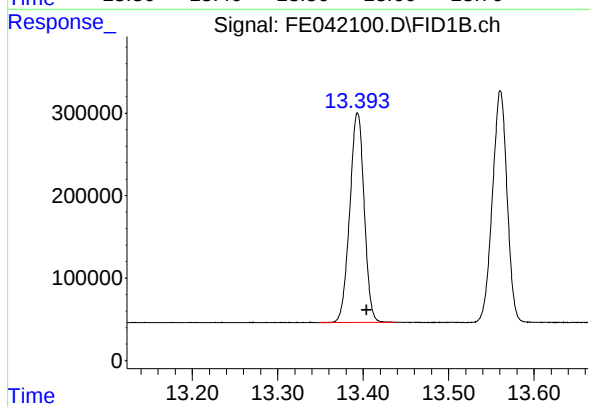
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.011 min
Response: 3399726
Conc: 22.43 ug/ml



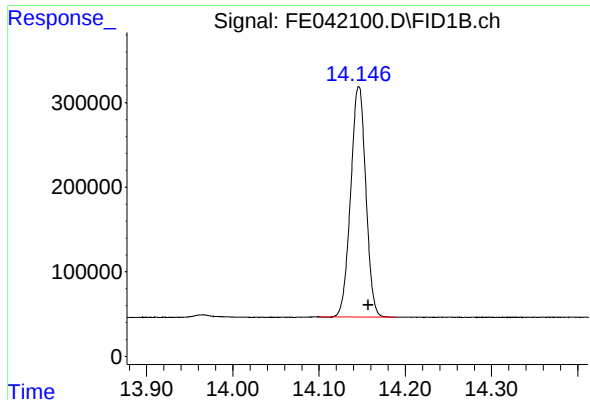
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 3350311
Conc: 22.61 ug/ml



#12 1-chlorooctadecane (SURR)

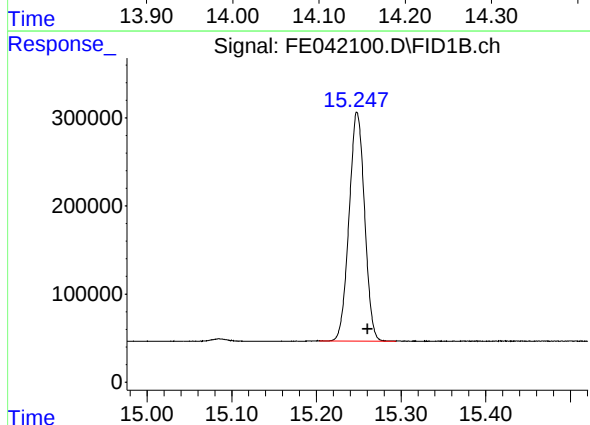
R.T.: 13.394 min
Delta R.T.: -0.011 min
Response: 2978703
Conc: 22.42 ug/ml



#13 n-Docosane (C22)

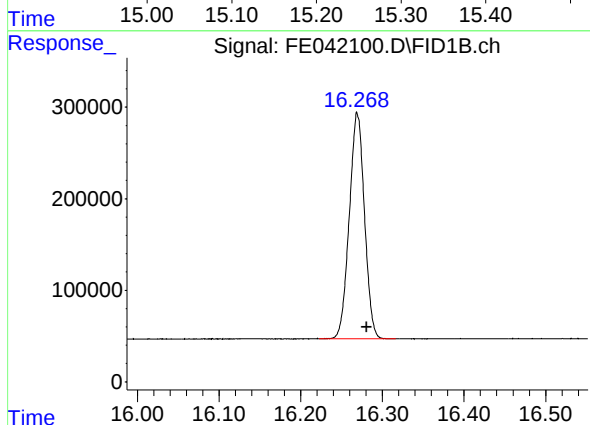
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 3334431
Conc: 22.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



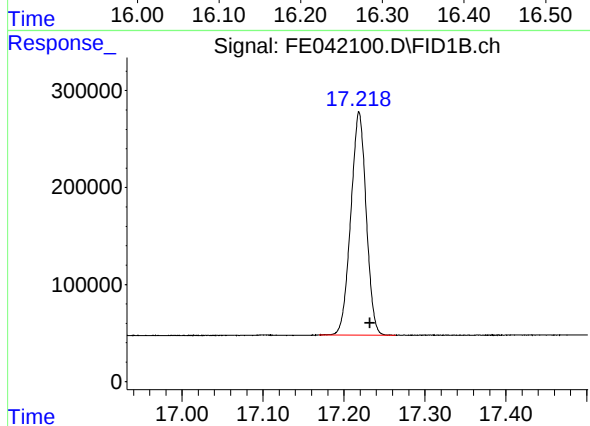
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 3301863
Conc: 22.87 ug/ml



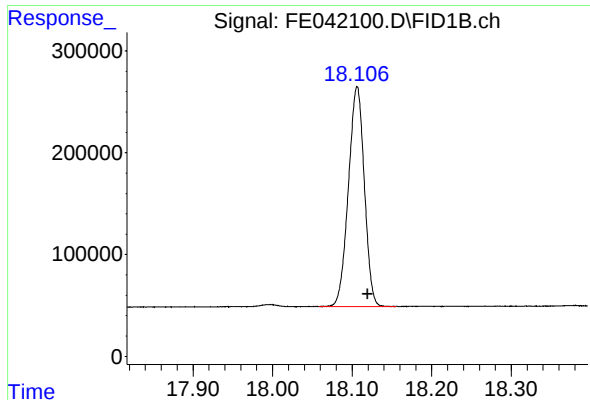
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.012 min
Response: 3191797
Conc: 23.05 ug/ml



#16 n-Octacosane (C28)

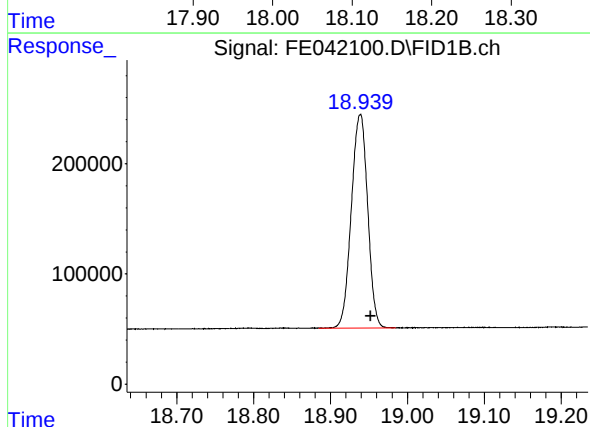
R.T.: 17.219 min
Delta R.T.: -0.014 min
Response: 3038950
Conc: 22.70 ug/ml



#17 n-Tricontane (C30)

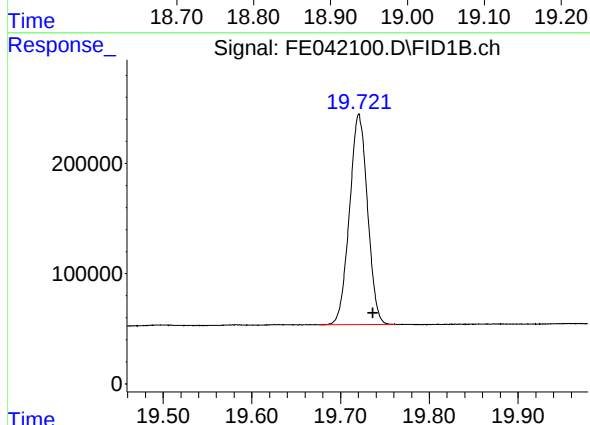
R.T.: 18.106 min
Delta R.T.: -0.013 min
Response: 2997064
Conc: 22.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



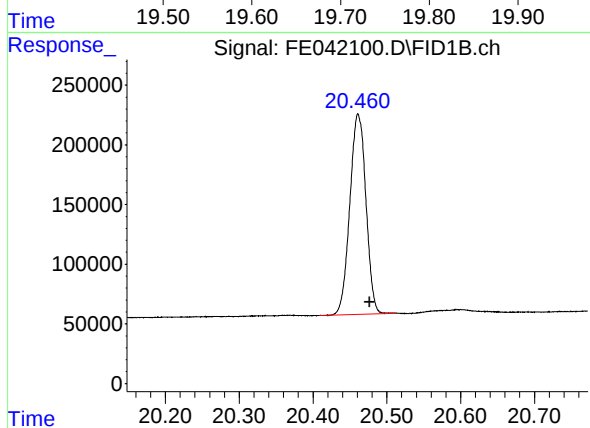
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.013 min
Response: 2858707
Conc: 21.40 ug/ml



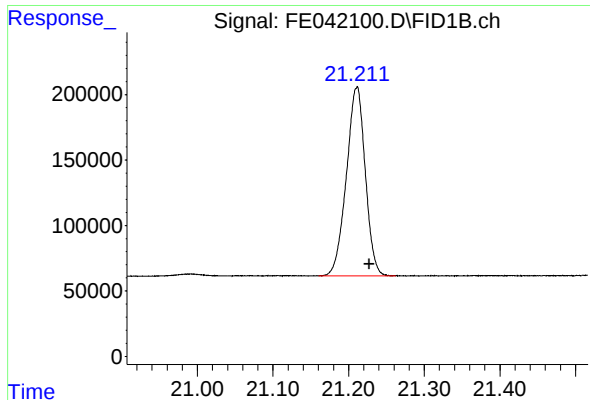
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.016 min
Response: 2702186
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

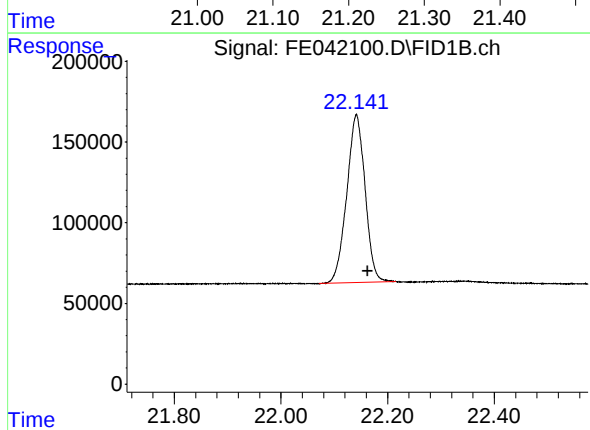
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 2546071
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 2506191
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 2486342
Conc: 17.87 ug/ml